INTERIM REMEDIAL MEASURE CONSTRUCTION COMPLETION REPORT

1301 Metropolitan Avenue
NYSDEC BCP Site # C224344

1301 Metropolitan Avenue
Brooklyn, New York 11237

August 21, 2025

Submitted to:

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Interim Remedial Measure

Construction Completion Report

1301 Metropolitan Avenue
Brooklyn, New York

NYSDEC BCP Site #224344

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"I Dale C. Konas, P.E. certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this Interim Remedial Measure Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications."

August 21, 2025
Date

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1.0 INTRODUCTION

1.1 General

Pursuant to the New York State Department of Environmental Conservation (NYSDEC)-approved Interim Remedial Measure (IRM) Work Plan, approved on December 12, 2024, the following Interim Remedial Measure Construction Completion Report (IRM CCR) was prepared on behalf of 1301 Metro – 255, LLC, 1301 Metro – Triple JQ, LLC, and 1301 Metro – Rudolph Q, LLC, (the Volunteers) for the Brownfield Cleanup Program Site # C224344 located at 1301 Metropolitan Avenue in the Borough of Brooklyn, County of Kings, New York (the Site). The Site consists of paved portions at 1301 Metropolitan Avenue, Brooklyn, NY, is approximately 1.543 acres in size, and is only part of Block 2948 and Lot 85. The Property is approximately 2.51 acres in size, consists of the entirety of Block 2948 and Lot 85 and specifically contains paved portions and two (2) buildings (warehouse and office space) that are not a part of the Site. The Volunteers own the Property. The Site is shown on a topographic map in **Figure 1**. The Site Plan is shown in **Figure 2** and shows the Site boundary and Tax Map (Property) boundary. The Volunteers have successfully completed the tasks summarized in the NYSDEC-approved IRM Work Plan at the Site pursuant to a Brownfield Cleanup Agreement (BCA) with the NYSDEC dated May 4, 2022.

The purpose of the IRM was to address/determine the following:

- Light non-aqueous phase liquid (LNAPL) detected in monitoring well, MW-10;
- The presence of underground storage tanks (USTs) around the former gasoline tanks on the south-central portion of the Site;
- The discharge location of the stormwater drainage structures; and
- The origin of the outfall pipe in the bulkhead.

The IRM CCR describes the procedures for the removal of LNAPL from monitoring well MW-10, the removal of sediment from the stormwater drainage structures, the inspection of the interiors of the stormwater drainage structures, and test pitting around the former USTs and potential bulkhead piping on-Site. Both the LNAPL and sediment were properly disposed of off-Site.

The IRM CCR was prepared with the process and requirements of the BCP and the Division of Environmental Remediation (DER) NYSDEC Program Policy *DER-10 – Technical Guidance for Site Investigation and Remediation*.

1.2 Site Description

The address for the Site is 1301 Metropolitan Avenue, Brooklyn, New York 11211. The Site is designated as Block 2948 and part of Lot 85 by the New York City Department of Assessment. The Site is in the City of New York and Borough of Brooklyn (Kings County). The lot consists of 395.42 feet of street frontage along Metropolitan Avenue, and the BCP Site area consists of 67,213 square feet (1.543 acres).

The Site was most recently utilized for the storage and parking of heavy equipment and vehicles, which is consistent with the intended future use. The Site is currently being used for the storage and parking of heavy equipment and vehicles. The buildings adjoining to the northwest and west at the Property are currently vacant.

The Site is bound by industrial/commercial properties to the north and west, Metropolitan Avenue to the south, and Newtown Creek/East Branch to the east. The area surrounding the Property is heavily industrialized.

1.3 Proposed Redevelopment

There are no current or near future redevelopment plans for the Site. The Site will be utilized for storage and parking of heavy equipment, consistent with its prior use.

1.4 Site Physical Conditions

1.4.1 Topography

The Site is located within the United States Geological Survey (USGS) 7.5-minute topographic map of Brooklyn, New York (**Figure 1**). According to the topographic map, the Site is generally level, located at approximately eight (8) feet above mean sea level (MSL), and is shown to slope to the east-northeast, towards Newtown Creek/East Branch, adjoining to the east.

A survey was conducted for the groundwater monitoring wells installed at the Site during the Remedial Investigation (RI). The top of the well casings ranged from 8.84 (MW-7) to 10.90 (MW-3) feet above 1988 North American Vertical Datum (NAVD) mean seal level. The survey was updated following the installation of groundwater monitoring wells MW-13 and MW-14 during the Supplemental Remedial Investigation (SRI). The top of the well casings for MW-13 and MW-14 ranged from 9.55 (MW-13) to 9.71 (MW-14) feet above 1988 NAVD mean sea level.

1.4.2 Site Geology

According to the Geological Map of New York (New York State Museum and Science Service 1970), the Site and surrounding areas are underlain by Glacial and Alluvial deposited sediments, which are Quaternary in age. Predominant sediment types include alluvium and glacial drift.

The Site is underlain by one (1) soil type classified as Urban Land, tidal marsh substratum (UmA). The UmA designation applies to soils where 92 percent of the original soil has been disturbed or covered by paved surfaces, buildings, or other structures. The soil also consists of reclaimed substratum with zero (0) to three (3) percent slopes and is typically composed of cemented material with very gravelly sand.

Based on the results of the RI and SRI, soil at the Site consists of gray/brown fine-grain sand and gravel with fill material containing ash, brick, concrete, and wood to depths as great as 15 feet below grade. An organic layer was also observed at depth in some borings.

Test pitting was conducted at the Site during the IRM to determine the potential location of the outfall pipe beneath the Site, to determine if the former gasoline tanks on the south-central portion remained at the Site, and to determine if a tank or drum were present near MW-10 and the extent of the LNAPL around MW-10. Based on the results of the IRM, soil encountered in the test pits also consist of gray/brown fine-grain sand with gravel and fill material containing brick, concrete, and wood. Test pit depths ranged from 5.5 to 9 feet below grade.

1.4.3 Hydrogeologic Conditions

Based on the results of the RI and SRI, the depth to groundwater beneath the Site ranged between 4.44 and 8.94 feet below grade during the RI and between 4.23 and 8.75 feet below grade during the SRI. Groundwater generally flows to the east towards Newtown Creek/East Branch.

Based on groundwater contour maps for the RI and SRI, a mound of groundwater is present on the north-central portion of the Site. This could be caused by tidal influences from Newtown Creek. High tide was approaching during the times of day that the groundwater gauging was conducted. Another factor that could potentially cause the mounding on the north-central portion is a downspout observed on the adjoining property to the north, which appeared to discharge towards the Site. Also, concrete was reported present at depths of eight (8) to ten (10) feet below grade in this area during the previous Phase II Subsurface Investigation, which could have an impact on the infiltration of precipitation in this area. No precipitation events were reported prior to or during the gauging events.

1.5 Site History

1.5.1 Newtown Creek/East Branch History

Newtown Creek is part of the Hudson Estuary, flowing west for 3.8 miles between Queens and Brooklyn, NY and emptying into the East River. The Creek is comprised of small branches known as: Dutch Kills, Maspeth Creek, Whale Creek, the East Branch, and English Kills. It is a tidally influenced estuary with a total surface area of 140 acres. Its natural depth was 12 feet, but today it can be as shallow as four (4) feet.

Originally, Newtown Creek consisted of marshland that was abundant with fish and shellfish and was used for swimming. During the 17th and 18th centuries, Dutch and English settlers utilized Newtown Creek for agricultural and industrial commerce. During the 19th and 20th centuries, the land surrounding Newtown Creek was industrialized, and waste from the surrounding properties was discharged into Newtown Creek. Due to a long history of unregulated discharges to Newtown Creek, it is a US EPA Superfund site. Remediation of Newtown Creek is slated for the future.

1.5.2 Site History

Based on a review of historical documents (fire insurance maps, aerial photographs, and city directories) dating back as early as 1888, the Site appeared vacant with no buildings, Ten Eyck Street traversed the Site from west to east, and Newtown Creek/East Branch was present on the eastern portion of the Site from 1888 to 1908. In the 1924 aerial photograph and 1933 fire insurance map, the eastern portion of the Site was filled in and was developed as an asphalt company with several buildings including a petroleum (oil) AST on the north-central portion. In the 1951 fire insurance map and the 1954 aerial photograph, most of the buildings were removed and the Site was occupied by MF Hickory Co., Inc., a building materials and concrete company. A total of three (3) gasoline tanks were shown on the southwestern and south-central portions of the Site beginning in 1951 to the last available fire insurance map dated 1990. The petroleum (oil) AST associated with the asphalt company was also no longer shown in the 1951 fire insurance map. In the 1959 aerial photograph and the 1965 fire insurance map, the current buildings associated with the Property were present adjacent to the west and northwest of the Site and some of the previous buildings at the Site were removed. The current adjacent buildings were shown to be utilized as a garage/warehouse and for auto repair. A grease pit building was also present at the southeast corner of the adjacent existing garage/warehouse building at the Site.

No significant changes were observed for the Site from 1965 to 1994. In the 2006 aerial photograph, a building at the southeastern corner was removed. Based on the city directory records review, the Site was reportedly occupied by an asphalt company in 1937, Hickey MF Co Inc. (building materials) from 1945 to 1965, several trucking companies from 1973 to 1985, a concrete company and a rigging company from 1985 to 1990, and a lumber company from 2013 to 2018The Site was utilized for storage and parking for a road painting company, a towing company, and a crane company from 2018 to 2024. These businesses recently vacated the Site.

1.6 Previous Environmental Investigation Findings

Phase I Environmental Site Assessment, EnviroTrac Ltd., March 21, 2022
EnviroTrac Ltd. (EnviroTrac) conducted a Phase I Environmental Site Assessment (ESA) for the Site, dated March 21, 2022. The following recognized environmental conditions (RECs) were identified for the Site based on a review of historical documents, previous environmental reports, the Environmental Risk Information Services, Inc. (ERIS) Database Report listings, and a site reconnaissance:

- Former Petroleum (Oil) AST: Based on the historical fire insurance map review, a former petroleum (oil) AST associated with a former asphalt company was present on the north-central portion of the Site. Based on a review of the previous subsurface investigation conducted in 2015, this area was insufficiently investigated and was noted as a REC;
- Former Underground storage tanks (USTs): Based on the historical fire insurance map review, two (2) former gasoline UST areas were present on the southwestern and south-central portions of the Site. The former gasoline USTs on the southwestern portion of the Site were registered, properly abandoned in-place, and sufficiently investigated. However, based on the review of the previous subsurface investigations conducted in 2015 and 2018, the former gasoline USTs on the south-central portion of the Site were insufficiently investigated and may remain in-place since no documentation was available for their removal or abandonment. Therefore, these gasoline USTs were noted as a REC;
- Former Grease Pit: Based on the historical fire insurance map review, a grease pit area was depicted at the southeast exterior corner of the current warehouse building located on the Property adjacent to the Site. Based on the review of the previous investigation documentation for the Site, this area has not been investigated and was noted as a REC;
- Newtown Creek/East Branch: The Site adjoins Newtown Creek/East Branch to the east. Newtown Creek is a US EPA Superfund site that is currently being investigated to determine the remedial action for the creek. Several additional surrounding sites were also reported in the ERIS Database Report to have impacted the surrounding soil and/or groundwater. There is the potential for soil vapor beneath the Site to be impacted by Newtown Creek/East Branch and the other additional surrounding sites. This was noted as a REC; and
- Stormwater Drainage Structures: Apparent grated stormwater drywells were observed at the Site. These apparent drywells have the potential to be impacted due to the storage of paint drums, equipment, and vehicles throughout the exterior of the Site. Two (2) apparent stormwater drywells also appeared to be clogged with sediment, and some staining was observed in the vicinity of some of the apparent drywells. This was noted as a REC.

Based on the findings of the Phase I ESA, EnviroTrac recommended that a Phase II Subsurface Investigation be conducted to investigate the above RECs.

Phase II Subsurface Investigation Report, EnviroTrac Ltd., June 11, 2021

A Phase II Subsurface Investigation was conducted at the Site to determine if USTs remained within the area of the former gasoline USTs on the south-central portion of the Site, to determine if the previous usage, former storage tanks, and petroleum product storage impacted the soil and/or groundwater, and if the stormwater drainage structures had been impacted. The Phase II Subsurface Investigation included a geophysical survey, the installation of borings for the collection of soil and groundwater samples for laboratory analysis, and a soil vapor intrusion investigation within the off-site, adjoining buildings to the northwest and west, associated with the Property.

The results of the previous Phase II Subsurface Investigation showed the following:

- Based on the results of the limited geophysical survey (stored vehicles and equipment limited the areas that could be scanned), the abandoned USTs on the south-western portion of the Site remained in-place, no indications of the presence of USTs on the south-central portion of the Site were noted; and scans or camera inspections for the on-site stormwater drainage structures (catch basins or drywells) and the outfall in the bulkhead along Newtown Creek, were inconclusive [stormwater drainage structures filled close to the top and outfall pipe appeared blocked by sediment and debris]. The camera inspection for the outfall pipe in the bulkhead was conducted from the end of the outfall pipe, within Newtown Creek, and was able to be advanced approximately four (4) feet to the west, apparently onto the Site, where the debris was encountered];
- The soil sample results showed that two (2) volatile organic compounds (VOCs) slightly exceeded their respective NYSDEC Protection of Groundwater Criteria in GP-05; select semi-volatile organic compounds (SVOCs) exceeded their respective NYSDEC Protection of Groundwater, Commercial Use Soil Cleanup Objectives (CUSCOs), or Industrial Use Soil Cleanup Objectives (IUSCOs) in GP-06, GP-07, GP-09, GP-14, GP-15, GP-18, GP-19, and GP-20;
- The stormwater drainage structure results showed that no VOCs were detected above their laboratory method detection limits in any of the stormwater drainage structure samples. Select SVOCs were detected in sediment samples S-1 and S-2 above their respective NYSDEC Protection of Groundwater Criteria, CUSCOs, or IUSCOs. Select metals were detected in S-1, S-2, and S-3 above their respective NYSDEC Protection of Groundwater, CUSCOs, or IUSCOs;
- The groundwater sample results showed that select VOCs were detected above their respective NYSDEC Ambient Water Quality Standards/Guidance Values (AWQS/GVs) in GP-02, GP-09, and GP-13. Select SVOCs were detected above their respective NYSDEC AWQS/GVs in GP-01, GP-02, GP-03, GP-07, GP-09, GP-15, and GP-18;
- The results of the soil vapor intrusion (SVI) investigation conducted within the off-site buildings associated with the Property did not indicate that the indoor air was being impacted by contaminants detected in the soil and groundwater at the Site, or that mitigation was required as per the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, with updates.

<u>Areas of Concern</u>

Areas of Concern (AOCs) identified based on the results of the Phase II Subsurface Investigation included the following:

- AOC-1 - Former Petroleum (Oil) AST;
- AOC-2 - Former USTs;
- AOC-3 - Former Grease Pit;

- AOC-4 - Newtown Creek/East Branch and Other Surrounding Sites;
- AOC-5 - Stormwater Drainage Structures.

Remedial Investigation Report, EnviroTrac Ltd., December 3, 2024
EnviroTrac implemented an RI at the Site from October 17, 2022, to January 10, 2023, to further delineate the above AOCs. At the requirement of the NYSDEC, EnviroTrac also implemented an SRI at the Site from March 3 to March 15, 2024, to further delineate impacted areas identified during the previous Phase II Subsurface Investigation and the RI.

The results of the previous RI and SRI showed the following:

- The results of the geophysical surveys conducted during the RI and SRI indicated that no USTs remain in the area of the former gasoline USTs on the south-central portion of the Site; the abandoned USTs on the southwestern portion of the Site were again verified to remain in-place; and no other subsurface anomalies or subsurface utilities/conduits were present in the areas of the proposed borings/monitoring well/vapor probe locations;
- Due to the stormwater drainage structures being filled almost to the top with sediment, it could not be determined with certainty if the structures were catch basins or drywells. It was unclear whether the stormwater drainage structures at the Site are catch basins or drywells, or if these structures are connected to the outfall located in the bulkhead along the eastern portion of the Site;
- The results of the piping inspection camera survey during the RI and the SRI for the outfall pipe in the bulkhead showed that the pipe was blocked with debris/sediment approximately three (3) to four (4) feet from the outfall. No liquids were observed discharging from the outfall pipe into Newtown Creek/East Branch. Based on the geophysical survey results, the origin of the outfall pipe could not be determined;
- The presence of historical fill material (concrete, glass, wood, brick) was observed in most borings from approximately five (5) to 15 feet below grade;
- The soil sample results for the RI and SRI showed select SVOCs exceedances in a total of six (6) soil samples and select metal exceedances in a total of five (5) soil samples above their respective NYSDEC IUSCOs. The presence of apparent oil and a tar-like substance and IUSCO exceedances detected in some soil samples appear related to the former use of the Site as an asphalt company and lumber yard, and the filling of the eastern portion with historic fill material;
- Stormwater drainage structure, S-5, was sampled during the RI and one (1) SVOC exceeded its NYSDC IUSCO for the sediment sample;
- During the RI, overall, slight exceedances of the NYSDEC AWQS/GV for total metals were reported in the monitoring wells throughout the Site. Most of the exceedances were for naturally occurring metals associated with brackish water (iron, manganese, and sodium). Metal concentrations generally decreased with distance away from the Newton Creek/East Branch, which shows the tidal influence of the creek on the Site. A few slight exceedances for PFAS, lead, and mercury were also reported on the western and south-central portions of the Site in the areas of the former grease pit (AOC-3), and the former gasoline USTs on the southwestern and south-central portions (AOC-2). The PFAS concentrations across the Site were generally similar with a slight decrease from northwest to southeast. None of the groundwater detections appeared to indicate that groundwater was significantly impacted by a source of PFAS but appeared to show the regional background concentrations that are likely emanating from off-site locations. During the SRI, slight exceedances for naturally occurring metals associated with brackish

water were also reported, as well as antimony, mercury, and selenium. Metal concentrations generally decreased in the samples that were filtered. Benzene, toluene, and/or o-xylene were detected at concentrations slightly above their NYSDEC AWQS in MW-1 (AOC-3 – Former Grease Pit) and MW-13. [AOC-1 – Former Petroleum (Oil) AST]. Benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and chrysene exceeded their NYSDEC AWQS/GVs in MW-13 [AOC-1 – Former Petroleum (Oil) AST];

- As required by the NYSDEC, select groundwater monitoring wells were also analyzed for TPH diesel range organics (DRO) and oil range organics (ORO). Slight detections were reported for monitoring wells MW-6, MW-8, MW-10, and MW-14;
- The Site and surrounding area are provided drinking water from the New York City Department of Environmental Protection (NYC DEP) and no access to groundwater is available at the Site. Based on the groundwater monitoring well results, the detected VOCs, SVOCs, and metals in the soil at the Site do not appear to be impacting the groundwater beneath the Site or the nearby Newton Creek/East Branch;
- For the soil vapor sample results, two (2) chlorinated-based compounds [tetrachloroethene (PCE) and trichloroethene (TCE)] were detected at elevated concentrations in three (3) soil vapor points on the western portion of the Site. When comparing the results for the three (3) soil vapor points, it appears that the concentrations decrease across the western portion of the Site as you move from south to north, with the highest concentration observed closest to Metropolitan Avenue. During the Phase II Subsurface Investigation, a soil vapor intrusion investigation was conducted within the buildings at the Property that are located adjacent to the Site to the north and northwest, and it was concluded that no VOCs were impacting the buildings on the Property through soil vapor intrusion. Potential sources of the elevated CVOC soil vapors include an off-site RCRA hazardous waste generator that was identified to store PCE, and the former garage building (southwest building) that borders the Site. There are no database listings for the Site or former garage that report the storage of CVOCs, although some brands of brake cleaner contain PCE.

1.7 Contaminant Conditions

Based on the results of the previous Phase II Subsurface Investigation, RI, and SRI conducted at the Site, the IRM Work Plan recommended that the following areas be further investigated/addressed:

1.7.1 AOC-1 – Former Petroleum (Oil) AST

LNAPL was detected in MW-10 but appears to be limited to the immediate area of the former petroleum (oil) AST. Since LNAPL persists in MW-10, it was recommended to be removed and disposed of off-site in the IRM Work Plan.

1.7.2 AOC-2 – Former USTs (South-Central Portion)

Based on the geophysical surveys conducted within this area during the previous Phase II Subsurface Investigation, RI, and SRI, it appeared that the former gasoline tanks in this area were no longer present; however, no confirmatory test pitting had been conducted to verify. Also,

apparent petroleum odors, PID readings, and/or an apparent sheen on top of the water table were noted for the soil borings installed within this area and surrounding areas during the previous investigations. The soil in this area was shown to be impacted above NYSDEC IUSCOs for one (1) SVOC and mercury. Based on the groundwater sample results for the wells within this area and downgradient, the groundwater is not shown to be impacted by SVOCs or mercury. The soil vapor sample collected from this area did not show significant impacts from petroleum-based VOCs or CVOCs. Since the presence of the former USTs was not confirmed via test pitting, this was recommended in the IRM Work Plan.

1.7.3 AOC-5 – Stormwater Drainage Structures

One (1) SVOC and/or arsenic exceeded their respective NYSDEC IUSCOs in four (4) on-site stormwater drainage structures. These exceedances are likely associated with the historical uses of the Site. Based on the groundwater sample results for these areas and downgradient, the sediment within these structures does not appear to be impacting the groundwater beneath the Site. Sediment within the stormwater drainage structures was removed to determine if the structures are catch basins or drywells, and to determine if there is interconnecting piping leading to additional structures. There was also the potential that these structures led to the outfall pipe in the bulkhead. Therefore, determination of the origin of the outfall pipe was also a component of the IRM Work Plan.

1.8 Interim Remedial Measures

The IRM was conducted at the Site from January 14 to February 6, 2025, and June 4, 2025. AOCs that were addressed included AOC-1 – Former Petroleum (oil) AST, AOC-2 – Former USTs (gasoline tanks on south-central portion), and AOC-5 – Stormwater Drainage Structures. Tasks conducted included the following:

- LNAPL was removed from MW-10 for proper off-site disposal to address AOC-1 – Former Petroleum (oil) AST;
- Based on the results of a GPR survey, a small anomaly was identified near MW-10. A test pit was conducted in the area of MW-10 to determine if any tanks were present. This test pit location was a deviation from the NYSDEC-approved IRM Work Plan;
- A test pit was conducted around the former gasoline tanks on the south-central portion of the Site to address AOC-2 – Former USTs (gasoline tanks on south-central portion);
- Sediment within the stormwater drainage structures were removed to determine if the structures were drywells or catch basins, and if they were connected to the outfall in the bulkhead to address AOC-5 – Stormwater Drainage Structures;
- Test pitting was conducted in line with the outfall pipe in the bulkhead to determine its origin;
- A visual inspection of the bulkhead along Newtown Creek, adjoining the Site to the east, was conducted and a broken metal outfall pipe was observed in the area of the wooden bulkhead; and
- Test pitting was conducted in line with the metal outfall pipe in the wooden bulkhead to determine if it was present beneath the Site. This test pit location was a deviation from the NYSDEC-approved IRM Work Plan.

Deviations from the IRM Work Plan are described in Section 1.9.

Figure 3 shows the Site Plan with IRM Locations.

1.9 Deviations

Prior to the test pitting at the Site, a geophysical survey was conducted to clear the areas of utilities and to identify any subsurface anomalies. Due to the persistence of LNAPL in MW-10 following VEFR events, a geophysical survey was conducted in this area to verify that no tanks/drums were present. A small subsurface anomaly was identified to the south of MW-10. The small subsurface anomaly was investigated by conducting test pitting in this area (Test Pit #5) on January 30, 2025. The anomaly was uncovered and observed to be a piece of metal. Soils were removed from the unsaturated zone (above the water table), placed on top of polyethylene sheeting, and screened with a photoionization detector (PID). The highest PID reading for soils removed from the unsaturated zone was 13.7 parts per million (ppm). No grossly contaminated soil was observed in the unsaturated zone. Wood timber was noted at the base of the test pit, dividing the unsaturated zone from the saturated zone. A piece of the wood was removed, and apparent LNAPL was noted on top of the groundwater, below the wood timber. The soil from the unsaturated zone was placed back into the test pit. The location of Test Pit #5 was conducted without NYSDEC notification or oversight; however, test pit procedures (implementation of the community air monitoring plan and health and safety plan, as well as field and soil screening) were conducted in accordance with the NYSDEC-approved IRM Work Plan. Test Pit #5 was described in the Daily Report for January 30, 2025. A revised Daily Report that provided additional information for Test Pit #5 was resubmitted to the NYSDEC on May 19, 2025.

An inspection of the bulkheads was conducted during low tide on June 4, 2025. The results of the visual inspection of the wooden and metal bulkheads indicated a total of two (2) outfall pipes: 1) the known 10-inch diameter outfall pipe in the metal bulkhead; and 2) a six (6) inch diameter metal outfall pipe in the failing wooden bulkhead. The known outfall pipe is approximately 50 feet to the north of the southeast corner of the Site and the Metropolitan Avenue bridge. The metal outfall pipe was found approximately 30 feet to the north of the southeast corner of the Site and the Metropolitan Avenue bridge. The metal outfall pipe exited the failing wooden bulkhead and was broken. Inspection of its exit location showed the continuation of the pipe towards the bulkhead; however, the pipe dead ended at the bulkhead. Based on phone conversations with the NYSDEC, an additional test pit (Test Pit #7) was allowed to be conducted located immediately opposite and at the same depth below Site grade as the metal outfall pipe (8 feet below grade). The excavation was extended further in depth (8.5 feet below grade) than the metal outfall pipe and no piping was found in the test pit.

Test pitting was extended to 8 feet below grade into Test Pit #4 and widened along the bulkhead, to the east. The known outfall pipe in the metal bulkhead was found below layers of soil, metal, and concrete, but was broken when it was hit by the excavator. The underground pipe is 12 inches in diameter within the test pit and constructed of clay. The underground 12-inch clay pipe transitions to a 10-inch diameter steel pipe at the metal bulkhead. The interior of the pipe appeared full of sediment. No impacts to the sediment were noted. Based on phone conversations with the NYSDEC, an additional test pit (Test Pit #6) was allowed to be conducted located to the west of Test Pit #2, approximately 95 feet to the west of the bulkhead. Within this test pit, the clay outfall pipe was shown to originate (invert) at a concrete box structure, located approximately 7.5 feet below grade. No additional piping was observed exiting the concrete box structure. No impacted soil was observed around the concrete structure. Prior to backfilling Test Pit #4 and Test Pit #6, both sides of the clay outfall pipe and concrete invert box were filled in with concrete.

The additional test pitting on June 4, 2025, was discussed over the phone with the NYSDEC Project Manager the same day prior to conducting the test pitting and approved to be conducted by the NYSDEC Project Manager. All test pitting was conducted in accordance with the NYSDEC-approved IRM Work Plan; however, the locations of the additional test pits were not previously indicated in the IRM Work Plan.

2.0 SUMMARY OF INTERIM REMEDIAL MEASURES

The IRM Work Plan was implemented to remove the LNAPL in groundwater monitoring well MW-10, remove the sediment from the stormwater drainage structures, determine the discharge location of the stormwater drainage structures, determine where the outfall pipe in the bulkhead originates, and determine if the former USTs on the south-central portion of the Site remain at the Site. **Figure** shows the IRM Investigation Areas and Areas of Remaining Contamination. Photographic documentation is provided as **Appendix A**. The IRM consisted of the following tasks:

1. Prior to conducting a vacuum enhanced fluid recovery (VEFR) event, MW-10 was gauged to determine the depth to water and depth to LNAPL. **Table 1** summarizes the gauging results conducted on January 14, 21, 23, 28, 30, February 6, and June 4, 2025. VEFR was implemented at MW-10 using a vacuum truck on January 14, 23, and 30, 2025 due to the continued presence of LNAPL. LNAPL recovered from MW-10 was collected into the vacuum truck and properly transported off-site to Dale Transfer Corp. in West Babylon, NY. Approximately 1,510 gallons of oily water was removed from MW-10. Waste manifests for the VEFR events are included in **Appendix B**. Absorbent socks were placed into MW-10 following the VEFR events. LNAPL was present in MW-10 in February 2025 following the last VEFR event in late January 2025. An absorbent sock was placed into the well on February 6, 2025. Upon returning to the Site on June 4, 2025, only a trace amount of LNAPL (0.1 feet) was present in MW-10. The absorbent sock was removed and replaced. ;
   A GPR survey was conducted around MW-10 and a small unknown anomaly was present. A test pit was conducted using a backhoe around MW-10 to determine if any tanks/drums were present. Solid concrete, a brick and masonry wall, and wood timber were observed within the test pit and soil and debris screened with a PID showed readings that ranged from 0.4 to 13.7 ppm. Saw cuts were made through the wood and groundwater was present beneath the wood timber. Apparent LNAPL was noted on top of the groundwater and absorbent socks inserted into the groundwater were shown to be stained with oil. No tanks or drums were present within the test pit, and the anomaly was a buried piece of metal. The LNAPL in MW-10 appears to be associated with the former petroleum (oil) AST utilized by the historical asphalt plant. **Figure 4** shows the location of Test Pit #5 around MW-10, which was advanced to a maximum depth of approximately 6.7 feet below grade. The location of Test Pit #5 was a deviation from the IRM Work Plan and is described in Section 1.9;
   ;
2. Prior to sediment removal from the on-Site stormwater drainage structures, stormwater in the five (5) structures was removed using a vacuum truck. Approximately 6,400-gallons of stormwater was removed from the structures and properly disposed of off-site at Dale Transfer Corp. in West Babylon, NY. Waste manifests for the stormwater removal are provided in **Appendix B**. Sediment from the on-Site stormwater drainage structures was removed using a guzzler truck and placed into a lined roll off, stage on-Site. Approximately 10.04 tons of sediment staged in the lined roll off was properly transported off-site to Dale Transfer Corp. in West Babylon, NY. Waste manifests for the sediment removal are provided in **Appendix B**. Following sediment removal, the interior of each drainage structure was inspected for piping. No piping was observed. The structures consisted of concrete slotted rings that discharge stormwater below grade. These observations confirmed that these structures are drywells. Photographs of the interiors of the drywells are included in

Appendix A. A camera inspection was not conducted since there was no piping to trace in the drywells. End point sediment samples were then collected from S-1 and S-2 for laboratory analysis of SVOCs Method 8270 and TAL metals Methods 6010/7471, S-3 for laboratory analysis of TAL metals Methods 6010/7471, and S-5 for laboratory analysis of SVOCs Method 8270. Laboratory analysis and sediment samples collected from the drywells are included in **Table 2**. The end point sediment sample results are summarized in **Tables 3** and **4**. The laboratory report is provided in **Appendix C**. The drywells were also permitted with the EPA through their on-line database and will remain active at the Site. Documentation of the registration is provided in **Appendix D**;

Benzo(a)pyrene and arsenic were shown to remain at concentrations above their respective NYSDEC IUSCOs in S-1 and S-2. ;

3. EnviroTrac attempted to access the bulkhead outfall pipe from the Site on January 23, 2025. However, it was discovered that an eight (8) foot high piece of corrugated steel was placed along the Metropolitan Avenue bridge, leading to the shoreline, limiting access to Newtown Creek/East Branch. This piece of steel was not installed by the Site owner. Access to Newtown Creek/East Branch was attempted from the concrete block wall; however, access while carrying equipment appeared to be unsafe due to the presence of rebar along the bulkhead and a steep slope leading from the Site to the shoreline of the creek. Therefore, no sediment removal was conducted for the outfall pipe on the side of Newtown Creek, and a cap could not be placed on the outfall pipe. A new GPR survey was conducted on-Site around the outfall pipe and the results showed the previously identified potential pipe leading onto the Site, but ending only a few feet onto the Site, traversing to the west from the eastern concrete block wall. Test pitting was conducted using a backhoe along the potential pipe at locations as per the GPR survey results on January 23, 2025. **Figure 4** shows Test Pit #2, Test Pit #3, and Test Pit #4 along the potential piping at the Site, which were advanced to approximately 5.5 (Test Pits #2 and 3) to 6.5 (Test Pit #4) feet below grade. A metal structure (determined not to be a tank since it did not have a cylindrical shape and was flat) was observed at the bottom of Test Pit #2 and was cut open using a saw. Soil was below the metal structure. The test pits mainly contained sand and gravel mixed with concrete and wood. No piping was observed in Test Pit #2, #3, or #4 during the work conducted on January 23, 2025. ;
4. Based on the NYSDEC comment letter dated May 9, 2025, following the submittal of the IRM Report to the NYSDEC on April 24, 2025, EnviroTrac returned to the Site to further investigate the known outfall pipe in the bulkhead on June 4, 2025. As mentioned in the NYSDEC comment letter, review of the New York City Open Data database for Citywide Outfalls, showed a total of three (3) potential outfall pipes located in the bulkheads along Newtown Creek/East Branch, abutting the Site to the east. Based on the information provided in the database (latitude and longitude for the outfall pipes), the outfall pipes were placed on the Site map; however, the information did not seem to be reliable based on their plotted locations. Therefore, an inspection of the bulkheads was conducted during low tide.
5. A visual inspection of the bulkheads during low tide was conducted on June 4, 2025. The results of the visual inspection of the wooden and metal bulkheads indicated a total of two (2) outfall pipes: 1) the known 10-inch diameter outfall pipe in the metal bulkhead; and 2) a six (6) inch diameter metal outfall pipe in the failing wooden bulkhead. The known outfall pipe is approximately 50 feet to the north of the southeast corner of the Site and the Metropolitan Avenue bridge. The metal outfall pipe was found approximately 30 feet to the north of the southeast corner of the Site and the

Metropolitan Avenue bridge. The metal outfall pipe exited the failing wooden bulkhead and was broken. Inspection of its exit location showed the continuation of the pipe towards the bulkhead; however, the pipe dead ended at the bulkhead.

6. Based on phone conversations with the NYSDEC, an additional test pit (Test Pit #7) was allowed to be conducted located immediately opposite and at the same depth below Site grade as the metal outfall pipe (8 feet below grade). The excavation was extended further in depth (8.5 feet below grade) than the metal outfall pipe and no piping was found in the test pit. Test Pit #7 was approved to be conducted by the NYSDEC Project Manager over the phone on June 4, 2025. Test Pit #7 was conducted in accordance with the NYSDEC-approved IRM Work Plan; however, the location of Test Pit #7 was not previously discussed in the IRM Work Plan since the 6-inch diameter outfall pipe was discovered in the field on June 4, 2025. Deviations are discussed in Section 1.9;
7. Test pitting was extended to 8 feet below grade into Test Pit #4 and widened towards the bulkhead, to the east. The known outfall pipe in the metal bulkhead was found below layers of soil, metal, and concrete, but was broken when it was hit by the excavator. The underground pipe is 12 inches in diameter within the test pit and constructed of clay. The underground 12-inch clay pipe transitions to a 10-inch diameter steel pipe at the metal bulkhead. The interior of the pipe appeared full of sediment. No impacts to the sediment were noted. Based on phone conversations with the NYSDEC on June 4, 2025, an additional test pit (Test Pit #6) was allowed to be conducted located to the west of Test Pit #2, approximately 95 feet to the west of the bulkhead. Based on previous geophysical survey results, the known outfall pipe was shown to end approximately 95 feet to the west of the bulkhead. Test Pit #6 was advanced in this location. Test Pit #6 was conducted in accordance with the NYSDEC-approved IRM Work Plan; however, the location of Test Pit #6 was not previously discussed in the IRM Work Plan. Deviations are discussed in Section 1.9. Within this test pit, the clay outfall pipe was shown to originate (invert) at a concrete box structure, located approximately 7.5 feet below grade. No additional piping was observed exiting the concrete box structure. No impacted soil was observed around the concrete structure. Prior to backfilling Test Pit #4 and Test Pit #6, both sides of the clay outfall pipe and concrete invert box were filled in with concrete.
8. Test pitting was conducted using a backhoe around the two (2) former USTs on the south-central portion of the Site, along the southern boundary. **Figure 4** shows the location of Test Pit #1. The test pit was advanced to a maximum depth of 9.5 feet below grade. No tanks were present in Test Pit #1. No visual or olfactory indications of petroleum contamination were observed for the soil in the test pit. Soil from the test pit was also screened with a PID and readings ranged from 0.2 to 2.0 ppm. The results of the test pitting conclusively verified that the former gasoline tanks on the south-central portion of the Site were removed. Based on the previous soil, soil vapor, and groundwater sampling in this area, the removed gasoline tanks do not appear to have significantly impacted the Site;
9. A waste characterization sample was collected from the sediment removed from drywells S-1, S-2, S-3, and S-5, and was placed into a lined roll off, staged on-Site. A Contained-In Determination Letter request was submitted to the NYSDEC on February 4, 2025, and approved on February 10, 2025. The Contain-In Determination Letter request and NYSDEC approval documentation are provided in **Appendix E**. The sediment within the roll off was transferred for proper off-site disposal to Dale Transfer Corp. in West Babylon, NY as non-hazardous soil. The waste manifest is provided in **Appendix B**;

10. Imported fill material meeting the more restrictive of the revised Part 360 regulations; virgin, native crushed stone, or sand; in accordance with DER-10, was sampled from Roanoke Sand and Gravel located in Middle Island, NY. The results of the sampling were provided to the NYSDEC along with Request to Import form. The NYSDEC approved the use of the imported fill material as approved backfill for the Site on January 14, 2025. The Request to Import form, the sampling results, and the NYSDEC approval are provided in **Appendix F**. Imported fill material was not placed into the stormwater drywells during the IRM since the concrete rings within the drywells were not undermined by the removal of sediment; and
11. The Construction Health and Safety Plan (CHASP) and Community Air Monitoring Plan (CAMP) were implemented for the protection of on-site workers and the nearby community during remedial activities. Daily Reports were submitted to the NYSDEC, which included CAMP results, for days that subsurface activities were conducted at the Site. The Daily Reports are provided in **Appendix G**.

The IRM was performed in accordance with applicable federal, state, and local regulations, and in accordance with the NYSDEC-approved IRM Work Plan. Deviations

2.1 Remedy Activity Oversight

The Remedial Engineer (RE), Dale Konas, PE of EnviroTrac Engineering, PE, PC, oversaw the implementation of the IRM. The RE is responsible for documenting that the Contractor performs the work as specified in the IRM Work Plan and for providing required documentation to the NYSDEC. Mr. Dylan Moscarella and Mr. Michael Alliegro, under the supervision of the RE, provided full-time oversight during the implementation of the IRM which was documented in daily and monthly reports during the IRM. Daily and monthly reports are provided in **Appendix G.**

2.2 Site Preparation

Site preparation completed by the Contractor prior to implementation of the IRM included establishing the work zones, addition of support facilities, and implementation of site security measures. The Site was secured by the Site owner with a locking fence and existing concrete block wall along Newtown Creek. No permits were required for the implementation of the IRM.

Dig Safely New York (811) was contacted by the Contractor at a minimum of three (3) business days before ground-intrusive work begins. Dig Safely New York was informed of the nature of the work and the intent to perform excavation of the Site subsurface.

2.3 Soil/Material Management Plan

Mr. Dylan Moscarella and Mr. Michael Alliegro, under the supervision of the RE, monitored and documented the handling and transport of sediment and LNAPL removed from the Site and its disposal in accordance with applicable laws and regulations. No petroleum-impacted soil/fill was observed in the test pits. Therefore, the soil from the test pits was not removed for off-site disposal but was placed back into the excavations in accordance with the NYSDEC-approved IRM Work Plan.

2.3.1 Waste Characterization

A waste characterization sample was collected in accordance with disposal facility requirements, DER-10 Table 5.4(3)10 and Section 5.4 from the sediment removed from drywells S-1, S-2, S-3, and S-5 that was placed into a lined roll off and staged on-Site.

Laboratory tests for a waste characterization sample included the following.

- Total petroleum hydrocarbons (TPH) by gas chromatograph (GC)/PID;
- TCL VOCs via US EPA Method 8260;
- TCL SVOCs via US EPA Method 8270;
- TAL metals via US EPA Method 6010B/7471;
- PCBs via US EPA Method 8081;
- Paint filter;
- Resource Conservation and Recovery Act (RCRA) characteristics – Ignitability, corrosivity, and reactivity;
- Toxic Characteristics Leaching Procedures (TCLP) VOCs, SVOCs, and metals; and
- Diesel Range Organics (DRO), Gasoline Range Organics (GRO), and Oil Range Organics (ORO).

Waste characterization samples were submitted to a NYSDOH Environmental Laboratory Approval Program (ELAP)-approved laboratory for analysis. The waste characterization sample results are provided in **Tables 5** through **10**, and the laboratory report is provided in **Appendix C**.

A Contained-In Determination Letter request was submitted to the NYSDEC on February 4, 2025, and approved on February 10, 2025. The Contained-In Determination Letter request and NYSDEC approval documentation are provided in **Appendix E**. The sediment within the roll off was transferred for proper off-site disposal to Dale Transfer Corp. in West Babylon, NY as non-hazardous soil. The waste manifest is provided in **Appendix B.**

2.3.2 Soil Erosion and Sediment Control Measures

Erosion and sediment control measures (silt fences and barriers and hay bale checks) were installed around the work areas during test pitting and sediment removal. The erosion and sediment control measures were inspected once a week. No storm events occurred during the IRM. Stormwater structures were inspected to determine whether erosion control measures were effective. Results of inspections were recorded in a logbook and maintained at the Site and available for inspection by the NYSDEC. No repairs were required for the erosion and sediment control measures, and no accumulated sediment was present at the Site that needed to be removed.

2.3.3 Soil Excavation

CAMP was implemented during the removal of the LNAPL and sediment, and test pitting at the Site. **Figure 4** shows the location of Test Pits # 1, #2, #3, #4, #5, #6, and #7, MW-10, and the stormwater drywell locations (S-1 through S-5).

Sediment was removed from the stormwater drainage structures using a guzzler truck. Following sediment removal, the interior of each drainage structure was inspected for piping. No piping was observed. The stormwater drainage structures are constructed of concrete slotted rings, which discharge to the ground. Therefore, it was confirmed that the stormwater drainage structures are drywells. Photographs of the interiors of the drywells are included in **Appendix A**. A camera inspection was not conducted since there was no piping to trace in the drywells.

Prior to soil removal, a GPR survey was conducted at the Site in the areas of test pitting. The GPR survey also included scanning around MW-10. A small metallic anomaly was detected around MW-10 and test pitting was implemented in the field in this area. The test pitting around MW-10 was a deviation from the IRM Work Plan and is further discussed in Section 1.9. Soil was excavated and stockpiled during test pitting in the areas of the former USTs on the south-central portion, along the southern boundary of the Site, around MW-10, and in association with the outfall pipes beneath the Site. Test pitting was conducted using a backhoe. Removed soils were placed on top of polyethylene sheeting and screened with a PID.

Test Pit #1 was conducted around the two (2) former USTs on the south-central portion of the Site, along the southern boundary. The test pit was advanced to a maximum depth of 9.5 feet below grade. No tanks were present in Test Pit #1. No visual or olfactory indications of petroleum contamination were observed for the soil in the test pit. Soil from the test pit was also screened with a PID and readings ranged from 0.2 to 2.0 ppm. The results of this test pitting activity show that the former gasoline tanks on the south-central portion of the Site were removed.

EnviroTrac attempted to access the bulkhead outfall pipe from the Site on January 23, 2025. However, it was discovered that an 8-foot-high piece of corrugated steel was placed at the corner of the Site and the Metropolitan Avenue bridge, and the outfall could not be accessed. This corrugated steel was not installed by the Site owner. Therefore, no sediment removal was conducted for the outfall pipe on the side of Newtown Creek, and a cap could not be placed on the outfall pipe. A new GPR survey was conducted on-Site around the known outfall pipe and the results showed the previously identified potential pipe leading onto the Site, but ending only a few feet onto the Site, traversing to the west of the eastern concrete block wall. Test pitting was conducted along the potential pipe locations as per the GPR survey results. Test Pit #2, Test Pit #3, and Test Pit #4 were advanced along the potential piping at the Site, to approximately 5.5 (Test Pits #2 and 3) to 6.5 (Test Pit #4) feet below grade on January 23, 2025. A metal structure (not a tank since it did not have a cylindrical shape but was flat) was observed at the bottom of Test Pit #2 and was cut open using a saw. Soil was below the metal structure. The test pits mainly contained sand and gravel mixed with concrete and wood. No piping was observed in

Test Pits #2, #3, or #4. No visual or olfactory indications of petroleum contamination were observed for the soil in the test pits. All PID readings for the test pits were less than 5 ppm. Following the review of the draft IRM Report, the NYSDEC stated in a comment letter dated May 9, 2025, that the outfall pipe below the Site was likely at a depth of 10 feet below Site grade and required that additional work be conducted to trace the known outfall pipe in the metal bulkhead. Since the initial Site visits, bringing equipment down to the bulkhead within Newtown Creek/East Branch had become unsafe due to limited access, the failing wooden bulkhead, the location of rebar in the bulkhead, and some of the concrete blocks leading down to the Newtown Creek/East Branch shoreline had been reconfigured so that there was now a steep drop from the Site to the shoreline. Therefore, hydrojetting, snaking, or additional camera inspections from the known outfall pipe in the bulkhead leading back to the Site were not feasible. On June 4, 2025, Test Pit #4 was expanded closer to the bulkhead on the opposite side of the outfall pipe and to a depth of 8 feet below grade. The depth below grade for the outfall pipe was also measured from Site grade to be located approximately 8 feet below grade. The outfall pipe was found in Test Pit #4 at a depth of 8 feet below grade. The outfall pipe was approximately 12 inches in diameter within the test pit and constructed of clay. The clay pipe was broken when it was hit by the excavator and found to be filled with sediment. No impacts were reported for the sediment within the outfall pipe. Test Pit #6 was conducted to the west of Test Pit #2 to a depth of 7.5 feet below grade to further delineate the known outfall pipe. Test Pit #6 correlated with the “origin” or invert of the outfall pipe based on the previous geophysical surveys conducted at the Site. The outfall pipe was found to discharge from a concrete box structure (invert) located approximately 7.5 feet below grade. No additional pipes were observed exiting the concrete structure. No soil impacts were observed in the area of the concrete structure. Prior to backfilling the test pits, the invert concrete box and broken clay outfall pipe in Test Pit #4 were sealed with concrete to cap the known outfall pipe. The soil removed from the test pits were placed back into the test pits. PID readings were recorded for the soil in the test pits, within the outfall pipe, and within the concrete structure. No PID readings were above 6 ppm.

Test Pit #7 was created near the southeast corner of the Site, on the opposite side of the bulkhead, in line with the newly found metal outfall pipe located in the wooden bulkhead. The metal outfall pipe was approximately 6 inches in diameter and located approximately 8 feet below grade. Test Pit #7 was advanced to 8.5 feet below grade. No piping was observed in Test Pit #7. No impact was observed for the soil in Test Pit #7 and no PID readings above 0.0 ppm were recorded. Test Pit #7 was approved to be conducted by the NYSDEC Project Manager on June 4, 2025. Test Pit #7 was conducted in accordance with the NYSDEC-approved IRM Work Plan; however, the location of Test Pit #7 was not previously discussed in the IRM Work Plan and was decided in the field based on visual observations made on June 4, 2025.

Test Pit #5 was created around MW-10. Solid concrete, a brick and masonry wall, and wood timber were observed within the test pit and soil and debris screened with a PID showed readings that ranged from 0.4 to 13.7 ppm. Wood timber was present above the water table and separated the unsaturated zone of soil from the saturated zone of soil. Saw cuts were made through the wood and groundwater was present beneath the wood timber. Apparent LNAPL was noted on top

of the groundwater and absorbent socks inserted into the groundwater were shown to be stained with oil. No tanks were present within the test pit around MW-10 and the maximum depth for Test Pit #5 was 6.7 feet below grade. No staining or odors were observed for the unsaturated soil within the test pit. The LNAPL detected in MW-10 appears to be associated with the Former Oil AST. Test Pit #5 was conducted in accordance with the NYSDEC-approved IRM Work Plan; however, the location of Test Pit #5 was not previously discussed in the IRM Work Plan and was decided in the field based on the results of a geophysical survey.

Following the test pitting activities, the soils were placed back into the excavations. No grossly impacted soil was removed from Test Pit #5 or placed back into the test pit. Only impacted groundwater (apparent LNAPL on top of the water table) was noted below the wood timber in this area.

Deviations from the IRM Work Plan are discussed in Section 1.9.

2.3.4 Soil Screening Methods

The end point sediment samples collected following removal of sediment from stormwater structures S-1, S-2, S-3, and S-5 were screened with a PID to determine if remedial measures have removed the impacted sediment from this structure. The PID readings for the sediment samples ranged from 0.9 to 6.0 ppm.

The removed soil from the test pit areas were screened with a PID to determine if any impacted soil is present in these areas. The PID readings for Test Pit #1 ranged from 0.2 to 2.0 ppm. The PID readings for Test Pits #2, #3, and #4 were below 5.0 ppm. The PID readings for Test Pit #5 ranged from 0.4 to 13.7 ppm. The PID readings for Test Pits #6 and #7 ranged from 0.2 to 5.8 ppm.

2.3.5 Material Load Out and Transport

Contaminated sediment/soil and LNAPL removed during the IRM were managed, transported, and disposed of by a licensed hauler in accordance with applicable 6 NYCRR Part 360 and Part 364 regulations and other applicable federal, state, and local regulations [AARCO Environmental Services Corp. (AARCO)]. AARCO provided the appropriate permits, certifications, and written commitments from disposal facility to accept the material throughout the duration of the project, which is provided in **Appendix F**. Waste manifests were used to track the material that was transported off-site. Haulers were appropriately licensed, and trucks were properly placarded.

A field engineer/scientist/geologist, under the supervision of the RE, oversaw the load-out of removed sediment and LNAPL. Once the loading of separate vacuum trucks was completed, the materials were transported to the NYSDEC-approved off-site facilities permitted to accept the materials. Vehicles leaving the Site were appropriately secure and manifested in accordance with applicable federal, state, local, and NYSDOT requirements and other applicable transportation

requirements. All trucks leaving the Site were secured with tight-fitting covers. Loose-fitting canvas-type covers were prohibited. Wet material was removed from the stormwater drywells and placed into a roll off staged on-Site. Therefore, a liner was used.

2.3.6 Material Off-Site Disposal

The RE reviewed submittals for proposed disposal facilities before any materials leave the Site to verify that the facility had the proper permits and to review their acceptance requirements. Waste characterization was performed for the sediment disposed of off-site in accordance with receiving facility requirements and in conformance with applicable permits. Sampling and analytical methods, sampling frequency, analytical results, and/or quality assurance/quality control (QA/QC) methods, as required, are summarized in **Tables 5** through **10**. Waste characterization data available for material disposed was submitted to the disposal facility with suitable explanation prior to shipment and receipt. Letters from the disposal facility stating it was in receipt of the correspondence and approved to accept the material were provided before any material was transported. **Table 11** summarizes the material disposed of off-site.

The waste removal contractor provided the appropriate permits, certifications, and written commitments from the disposal facility to accept the material throughout the duration of the IRM. Contaminated material was transported by a waste removal contractor who possesses a valid New York State Part 364 Waste Transporter Permit. Waste manifests were used to track the material that was transported off-site. Haulers were appropriately licensed, and trucks will be properly placarded.

2.3.7 Material Import to the Site

A Request to Import sand from Roanoke Sand and Gravel in Middle Island, NY was submitted to the NYSDEC on January 14, 2025, along with sampling data for the sand. The NYSDEC approved the request on January 14, 2025. However, the drywells were not undermined following sediment removal and did not require backfilling.

2.4 Documentation End Point Soil Sampling

End point sediment samples were collected from S-1, S-2, S-3, and S-5 following removal of impacted sediment via vacuum truck to confirm the SVOC and/or metal impacted soil above NYSDEC IUSCOs was removed.

The end point soil samples, plus QA/QC samples, were analyzed for Part 375 and TCL/TAL list of SVOCs and/or metals. **Table 2** summarizes the compound lists for the sediment samples. Based on the results for S-1 and S-2, benzo(a)pyrene and arsenic remain above their NYSDEC IUSCOs.

No tanks were found within the test pits for the Former UST areas on the south-central portion or around MW-10. No significantly impacted material was observed for the soil in the test pits.

2.5 VEFR Event Procedures

VEFR was conducted at MW-10 to remove the LNAPL from the water table. Prior to the start of the VEFR event, depth to LNAPL and depth to water measurements, and LNAPL thickness for MW-10, were collected and recorded into a logbook for the Site. **Table 1** summarizes the gauging measurements for MW-10. The measurements and LNAPL thickness were reported to the vacuum truck operator. Piping with a smaller diameter than the inner diameter of MW-10 connected to the vacuum truck was placed inside MW-10 at the depth of the LNAPL. The VEFR event began by vacuuming the LNAPL through the pipe and collecting it into the tank of the vacuum truck. The VEFR event was conducted until the LNAPL thickness decreases in MW-10.

The waste removal contractor provided the appropriate permits, certifications, and written commitments from disposal facilities to accept the removed material throughout the duration of the IRM. The removed liquids were transported by AARCO, valid New York State Part 364 Waste Transporter Permit. Waste manifests were used to track the material that is transported off-site. Haulers were appropriately licensed, and trucks were properly placarded.

Follow-up LNAPL monitoring was conducted at MW-10 on a weekly basis for one (1) month following the VEFR event. Based on the gauging data, a trace amount of LNAPL remains in MW-10.

2.6 Dust, Odor, Vapor, and Nuisance Control Plan

The dust, odor, organic vapor, and nuisance control plan was developed in accordance with the NYSDOH Generic CAMP and Occupational Safety and Health Administration (OSHA) standards for construction [29 Code of Regulations (CFR) 1926] for the IRM. IRM activities were monitored for dust, odors, and VOCs by Mr. Dylan Moscarella, under the supervision of the RE. Continuous monitoring at the perimeter of the work zones for odors, total VOCs, and dust were required during ground-intrusive work such as soil/sediment and LNAPL removal and handling. The work zone is defined as the general area in which machinery is operating in support of remediation. A portable PID was used to monitor the work zones during removal of soil/sediment and LNAPL. The Site perimeter was monitored for fugitive dust emissions by visual observations and instrumental measurement. The CAMP included real-time monitoring for total VOCs and particulates (i.e., dust) at the downwind perimeter of the Site for protection of the off-site community (off-site receptors may include businesses and/or off-site workers). Particulate levels were monitored continuously with real-time field instruments that met, at a minimum, the performance standards outlined in NYSDEC DER-10 Appendix 1B. Action levels for site worker respiratory use set for in the CHASP were used for CAMP.

Work practices to minimize odors and organic vapors included limiting the time removing soil/sediment and LNAPL. No offending odor and organic vapor controls were required during the IRM.

Total VOCs were monitored with a handheld PID in accordance with the Site-specific CHASP and CAMP. The action level was not exceeded for VOCs during CAMP. A slight dust exceedance was reported on the downwind CAMP station on January 21, 2025. Work was paused until dust readings returned to acceptable levels and then restarted. No additional dust exceedances were reported for that day or other workdays. Work activities were spaced further than 20 feet from any potentially exposed individuals or structures.

2.7 Construction Health and Safety Plan (CHASP)

The RE prepared a Site-specific CHASP, which was implemented during the IRM. Information required for the CHASP was written in the Site fieldbook.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The IRM was implemented at the Site from January 14 to February 6, 2025, and June 4, 2025, and included the following:

1. Prior to conducting a vacuum enhanced fluid recovery (VEFR) event, MW-10 was gauged to determine the depth to water and depth to LNAPL. **Table 1** summarizes the gauging results conducted on January 14, 21, 23, 28, 30, February 6, and June 4, 2025. VEFR was implemented at MW-10 using a vacuum truck on January 14, 23, and 30, 2025 due to the continued presence of LNAPL. LNAPL recovered from MW-10 was collected into the vacuum truck and properly transported off-site to Dale Transfer Corp. in West Babylon, NY. Approximately 1,510 gallons of oily water was removed from MW-10. Waste manifests for the VEFR events are included **in Appendix B**. Absorbent socks were placed into MW-10 following the VEFR events. LNAPL was present in MW-10 in February 2025 following the last VEFR event in late January 2025. An absorbent sock was placed into the well on February 6, 2025. Upon returning to the Site on June 4, 2025, only a trace amount of LNAPL (0.01 feet) was present in MW-10. The absorbent sock was removed and replaced;
   A GPR survey was conducted around MW-10 and a small unknown anomaly was present. A test pit was conducted using a backhoe around MW-10 to determine if any tanks/drums were present. Solid concrete, a brick and masonry wall, and wood were observed within the test pit and soil and debris screened with a PID showed readings that ranged from 0.4 to 13.7 ppm. Saw cuts were made through the wood and groundwater was present beneath the wood timber. A sheen was noted on top of the groundwater and absorbent socks inserted into the groundwater were shown to be stained with oil. No tanks or drums were present within the test pit, and the anomaly was a buried piece of metal. The LNAPL detected in MW-10 appears to be associated with the former petroleum (oil) AST utilized by the historical asphalt plant. Figure 4 shows the location of Test Pit #5 around MW-10, which was advanced to a maximum depth of approximately 6.7 feet below grade. The location of Test Pit #5 was a deviation from the IRM Work Plan and is described in Section 1.9;
2. Prior to sediment removal from the on-Site stormwater drainage structures, stormwater in the five (5) structures was removed using a vacuum truck. Approximately 6,400-gallons of stormwater was removed from the structures and properly disposed off-site at Dale Transfer Corp. in West Babylon, NY. Waste manifests for the stormwater removal are provided in **Appendix B**. Sediment from the on-Site stormwater drainage structures was removed using a guzzler truck and placed into a lined roll off, stage on-Site. Approximately 10.04 tons of sediment staged in the lined roll off was properly transported off-site to Dale Transfer Corp. in West Babylon, NY. Waste manifests for the sediment removal are provided in **Appendix B**. Following sediment removal, the interior of each drainage structure was inspected for piping. No piping was observed. The structures consisted of concrete slotted rings that discharge stormwater below grade. These observations confirmed that these structures are drywells. Photographs of the interiors of the drywells are included in **Appendix A**. A camera inspection was not conducted since there was no piping to trace in the drywells. End point sediment samples were then collected from S-1 and S-2 for laboratory analysis of SVOCs Method 8270 and TAL metals Methods 6010/7471, S-3 for laboratory analysis of TAL metals Methods 6010/7471, and S-5 for

laboratory analysis of SVOCs Method 8270. Laboratory analysis and sediment samples collected from the drywells are included in **Table 2**. The end point sediment sample results are summarized in **Tables 3** and **4**. The laboratory report is provided in Appendix C. The drywells were also permitted with the EPA through their on-line database and will remain active at the Site. Documentation of the registration is provided in **Appendix D**. Benzo(a)pyrene and arsenic were shown to remain at concentrations above their respective NYSDEC IUSCOs in S-1 and S-2;

3. EnviroTrac attempted to access the bulkhead outfall pipe from the Site on January 23, 2025. However, it was discovered that an eight (8) foot high piece of corrugated steel was placed along the Metropolitan Avenue bridge, leading to the shoreline, limiting access to Newtown Creek/East Branch. This piece of steel was not installed by the Site owner. Access to Newtown Creek/East Branch was attempted from the concrete block wall; however, access while carrying equipment appeared to be unsafe due to the presence of rebar along the bulkhead and a steep slope leading from the Site to the shoreline of the creek. Therefore, no sediment removal was conducted for the outfall pipe on the side of Newtown Creek, and a cap could not be placed on the outfall pipe. A new GPR survey was conducted on-Site around the outfall pipe and the results showed the previously identified potential pipe leading onto the Site, but ending only a few feet onto the Site, traversing to the west from the eastern concrete block wall. Test pitting was conducted using a backhoe along the potential pipe at locations as per the GPR survey results on January 23, 2025. **Figure 4** shows Test Pit #2, Test Pit #3, and Test Pit #4 along the potential piping at the Site, which were advanced to approximately 5.5 (Test Pits #2 and 3) to 6.5 (Test Pit #4) feet below grade. A metal structure (determined not to be a tank since it did not have a cylindrical shape and was flat) was observed at the bottom of Test Pit #2 and was cut open using a saw. Soil was below the metal structure. The test pits mainly contained sand and gravel mixed with concrete and wood. No piping was observed in Test Pit #2, #3, or #4 during the work conducted on January 23, 2025;
4. Based on the NYSDEC comment letter dated May 9, 2025, following the submittal of the IRM Report to the NYSDEC on April 24, 2025, EnviroTrac returned to the Site to further investigate the known outfall pipe in the bulkhead on June 4, 2025. As mentioned in the NYSDEC comment letter, review of the New York City Open Data database for Citywide Outfalls, showed a total of three (3) potential outfall pipes located in the bulkheads along Newtown Creek/East Branch, abutting the Site to the east. Based on the information provided in the database (latitude and longitude for the outfall pipes), the outfall pipes were placed on the Site map; however, the information did not seem to be reliable based on their plotted locations. Therefore, an inspection of the bulkheads was conducted during low tide.
5. The visual inspection of the bulkheads along Newtown Creek/East Branch, adjoining the Site to the east, was conducted on June 4, 2025. The results of the visual inspection of the wooden and metal bulkheads indicated a total of two (2) outfall pipes: 1) the known 10-inch diameter outfall pipe in the metal bulkhead; and 2) a six (6) inch diameter metal outfall pipe in the failing wooden bulkhead. The known outfall pipe is approximately 50 feet to the north of the southeast corner of the Site and the Metropolitan Avenue bridge. The metal outfall pipe was found approximately 30 feet to the north of the southeast corner of the Site and the Metropolitan Avenue bridge.
6. The metal outfall pipe exited the failing wooden bulkhead and was broken. Inspection of its exit location showed the continuation of the pipe towards the bulkhead; however, the pipe dead ended at the bulkhead. Based on phone conversations with the NYSDEC, an additional test pit (Test Pit #7) was allowed to be conducted located

immediately opposite and at the same depth below Site grade as the metal outfall pipe (8 feet below grade). The excavation was extended further in depth (8.5 feet below grade) than the metal outfall pipe and no piping was found in the test pit. Test Pit #7 was approved to be conducted by the NYSDEC Project Manager over the phone on June 4, 2025. Test Pit #7 was conducted in accordance with the NYSDEC-approved IRM Work Plan; however, the location of Test Pit #7 was not previously discussed in the IRM Work Plan since the 6-inch diameter outfall pipe was discovered in the field on June 4, 2025. Deviations are discussed in Section 1.9;

7. Test pitting was extended to 8 feet below grade into Test Pit #4 and widened towards the bulkhead, to the east. The known outfall pipe in the metal bulkhead was found below layers of soil, metal, and concrete, but was broken when it was hit by the excavator. The underground pipe is 12 inches in diameter within the test pit and constructed of clay. The underground 12-inch clay pipe transitions to a 10-inch diameter steel pipe at the metal bulkhead. The interior of the pipe appeared full of sediment. No impacts to the sediment were noted. Based on phone conversations with the NYSDEC on June 4, 2025, an additional test pit (Test Pit #6) was allowed to be conducted to the west of Test Pit #2. Based on previous geophysical survey results, the known outfall pipe was shown to end approximately 95 feet to the west of the bulkhead. Test Pit #6 was advanced in this location. Test Pit #6 was conducted in accordance with the NYSDEC-approved IRM Work Plan; however, the location of Test Pit #6 was not previously discussed in the IRM Work Plan. Deviations are discussed in Section 1.9. Within this test pit, the clay outfall pipe was shown to originate (invert) at a concrete box structure, located approximately 7.5 feet below grade. No additional piping was observed exiting the concrete box structure. No impacted soil was observed around the concrete structure.
8. Test pitting was conducted using a backhoe around the two (2) former USTs on the south-central portion of the Site, along the southern boundary. **Figure 4** shows the location of Test Pit #1. The test pit was advanced to a maximum depth of 9.5 feet below grade. No tanks were present in Test Pit #1. No visual or olfactory indications of petroleum contamination were observed for the soil in the test pit. Soil from the test pit was also screened with a PID and readings ranged from 0.2 to 2.0 ppm. The results of the test pitting conclusively verified that the former gasoline tanks on the south-central portion of the Site were removed. Based on the previous soil, soil vapor, and groundwater sampling in this area, the removed gasoline tanks do not appear to have significantly impacted the Site;
9. A waste characterization sample was collected from the sediment removed from drywells S-1, S-2, S-3, and S-5, and was placed into a lined roll off, staged on-Site. A Contained-In Determination Letter request was submitted to the NYSDEC on February 4, 2025, and approved on February 10, 2025. The Contain-In Determination Letter request and NYSDEC approval documentation are provided in **Appendix E**. The sediment within the roll off was transferred for proper off-site disposal to Dale Transfer Corp. in West Babylon, NY as non-hazardous soil. The waste manifest is provided in **Appendix B**;
10. Imported fill material meeting the more restrictive of the revised Part 360 regulations; virgin, native crushed stone, or sand; in accordance with DER-10, was sampled from Roanoke Sand and Gravel located in Middle Island, NY. The results of the sampling were provided to the NYSDEC along with Request to Import form. The NYSDEC

approved the use of the imported fill material as approved backfill for the Site on January 14, 2025. The Request to Import form, the sampling results, and the NYSDEC approval are provided in **Appendix F**. Imported fill material was not placed into the stormwater drywells during the IRM since the concrete rings within the drywells were not undermined by the removal of sediment; and

11. The Construction Health and Safety Plan (CHASP) and Community Air Monitoring Plan (CAMP) were implemented for the protection of on-site workers and the nearby community during remedial activities. Daily Reports were submitted to the NYSDEC, which included CAMP results, for days that subsurface activities were conducted at the Site. The Daily Reports are provided in **Appendix G**.

4.0 REFERENCES

New York State Department of Environmental Conservation (May 3, 2010). Final Program Policy DER-10 - Technical Guidance for Site Investigation and Remediation.

Code of Federal Regulations – Title 40: Protection of the Environment 144.26 – Inventory Requirements.

Newtown Creek Alliance
https://www.newtowncreekalliance.org/history-of-newtown-creek/

Phase I Environmental Site Assessment, EnviroTrac Ltd., March 21, 2022

Phase II Subsurface Investigation Report, EnviroTrac Ltd., June 11, 2021

Remedial Investigation Report, EnviroTrac Ltd., December 3, 2024

FIGURES

TOPOGRAPHIC MAP



Figure 1
Topographic Map

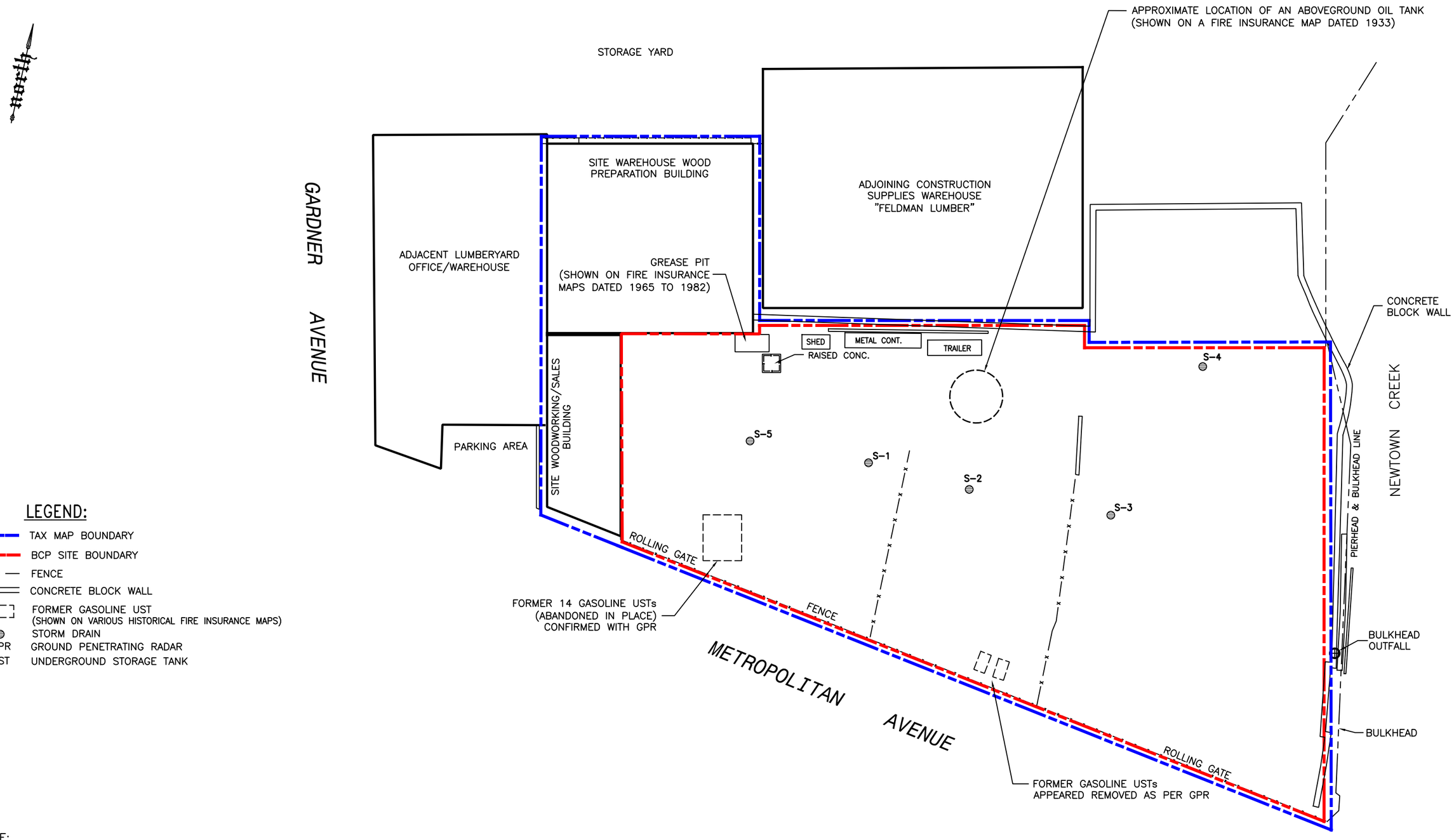
1301 Metropolitan Avenue
Brooklyn, NY 11237

USGS Quadrangle:
Brooklyn

Approx. Elevation:
12 feet

N
W E
S





LEGEND:

- TAX MAP BOUNDARY
- BCP SITE BOUNDARY
- —x— FENCE
- CONCRETE BLOCK WALL
- FORMER GASOLINE UST (SHOWN ON VARIOUS HISTORICAL FIRE INSURANCE MAPS)
- STORM DRAIN
- GPR GROUND PENETRATING RADAR
- UST UNDERGROUND STORAGE TANK

SOURCE:

SITE PLAN BASED ON A SURVEY PREPARED BY
L.K. McLEAN ASSOCIATES P.C. – APRIL 02, 2024.

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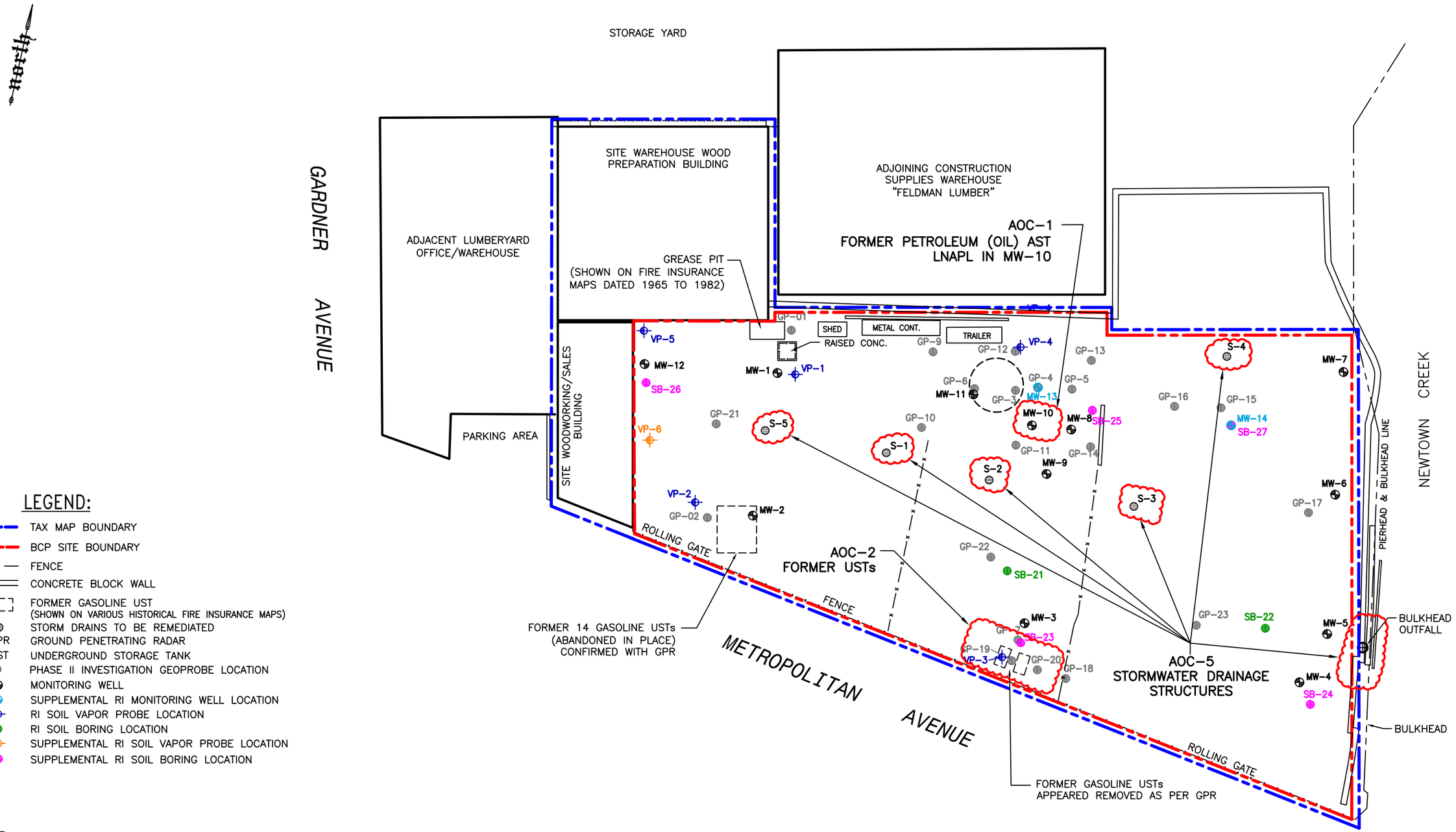
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SCALE IN FEET

REVISION DATE: 7/16/2024 REVISED BY: AC

1301 METROPOLITAN AVENUE
BROOKLYN, NEW YORK

SITE PLAN

FIGURE #
2



LEGEND:

- TAX MAP BOUNDARY
- BCP SITE BOUNDARY
- FENCE
- CONCRETE BLOCK WALL
- FORMER GASOLINE UST (SHOWN ON VARIOUS HISTORICAL FIRE INSURANCE MAPS)
- STORM DRAINS TO BE REMEDIATED
- GPR GROUND PENETRATING RADAR
- UST UNDERGROUND STORAGE TANK
- PHASE II INVESTIGATION GEOPROBE LOCATION
- MONITORING WELL
- SUPPLEMENTAL RI MONITORING WELL LOCATION
- RI SOIL VAPOR PROBE LOCATION
- RI SOIL BORING LOCATION
- SUPPLEMENTAL RI SOIL VAPOR PROBE LOCATION
- SUPPLEMENTAL RI SOIL BORING LOCATION

SOURCE:

SITE PLAN BASED ON A SURVEY PREPARED BY
L.K. McLEAN ASSOCIATES P.C. – APRIL 02, 2024.

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SCALE IN FEET

REVISION DATE: 3/21/2025 REVISED BY: B.S.

1301 METROPOLITAN AVENUE
BROOKLYN, NEW YORK

SITE PLAN WITH AOCs

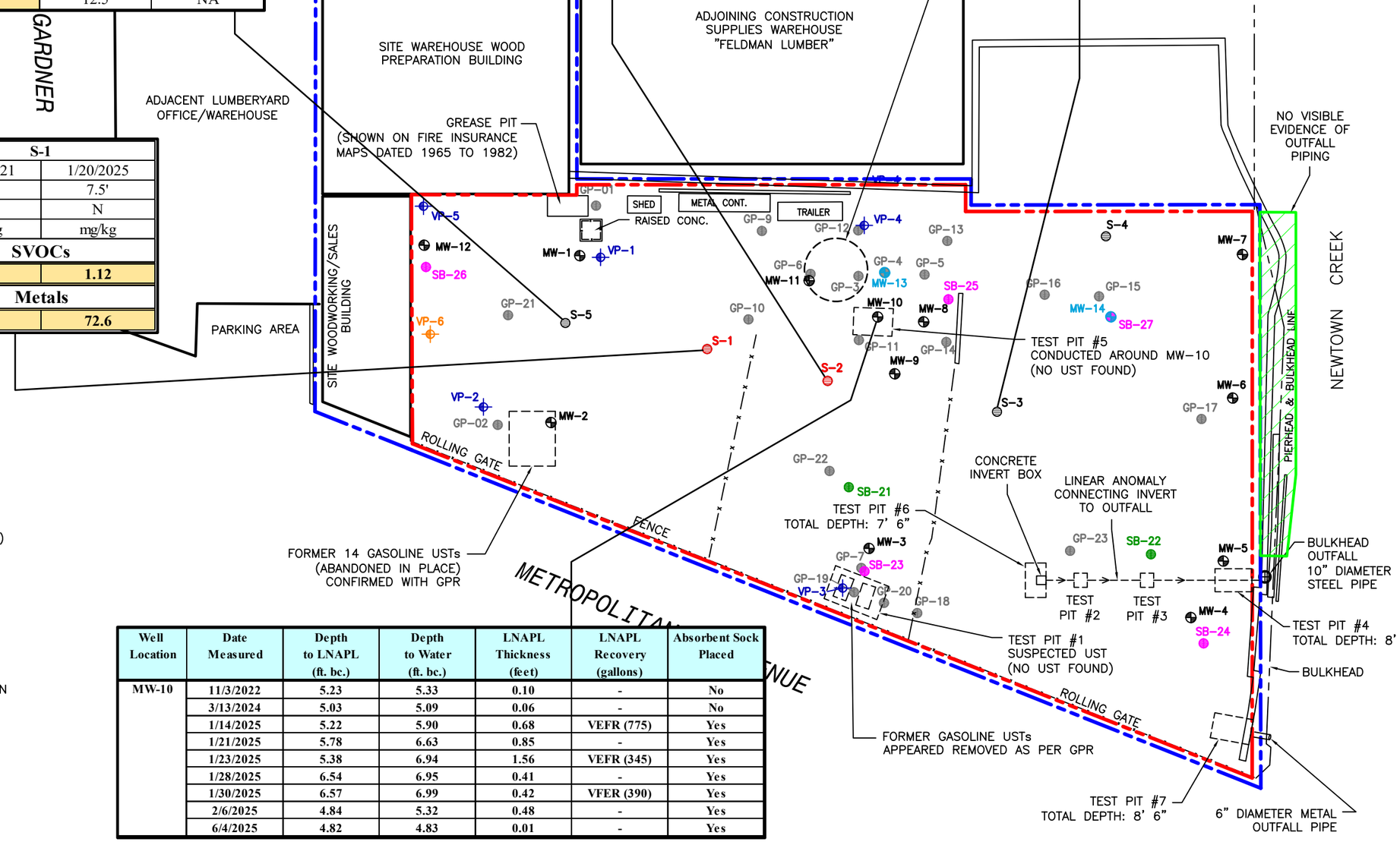
FIGURE # 3

Sample ID:	NYSDEC Part 375 Industrial Use SCO	S-5	
Sample Date:		11/3/2022	1/21/2025
Sample Depth:		5'	11.5'
Normal or Field Duplicate:		N	N
Unit:		mg/kg	mg/kg
Paramter		**SVOCs**	
Benzo(a)pyrene	1.1	**1.34**	0.579
Paramter		**Metals**	
Arsenic	16	12.5	NA

Sample ID:	NYSDEC Part 375 Industrial Use SCO	S-2	
Sample Date:		3/30/2021	1/21/2025
Sample Depth:		8.5'	12.5'
Normal or Field Duplicate:		N	N
Unit:		mg/kg	mg/kg
Paramter		**SVOCs**	
Benzo(a)pyrene	1.1	**2.7**	**2.89**
Paramter		**Metals**	
Arsenic	16	**30.5**	**74.3**

Sample ID:	NYSDEC Part 375 Industrial Use SCO	S-3	
Sample Date:		3/30/2021	1/21/2025
Sample Depth:		Grade	13'
Normal or Field Duplicate:		N	N
Unit:		mg/kg	mg/kg
Paramter		**SVOCs**	
Benzo(a)pyrene	1.1	ND	NA
Paramter		**Metals**	
Arsenic	16	**20.5**	3.5

Sample ID:	NYSDEC Part 375 Industrial Use SCO	S-1	
Sample Date:		3/30/2021	1/20/2025
Sample Depth:		4'	7.5'
Normal or Field Duplicate:		N	N
Unit:		mg/kg	mg/kg
Paramter		**SVOCs**	
Benzo(a)pyrene	1.1	**1.5**	**1.12**
Paramter		**Metals**	
Arsenic	16	**62.4**	**72.6**



LEGEND:

- TAX MAP BOUNDARY
- BCP SITE BOUNDARY
- FENCE
- CONCRETE BLOCK WALL
- FORMER GASOLINE UST (SHOWN ON VARIOUS HISTORICAL FIRE INSURANCE MAPS)
- STORM DRAINS TO BE REMEDIATED
- GPR GROUND PENETRATING RADAR
- UST UNDERGROUND STORAGE TANK
- PHASE II INVESTIGATION GEOPROBE LOCATION
- RI MONITORING WELL LOCATION
- SUPPLEMENTAL RI MONITORING WELL LOCATION
- RI SOIL VAPOR PROBE LOCATION
- RI SOIL BORING LOCATION
- SUPPLEMENTAL RI SOIL VAPOR PROBE LOCATION
- SUPPLEMENTAL RI SOIL BORING LOCATION
- STORM DRAIN CONTAINS NYSDEC IUSCO EXCEEDANCE FOLLOWING REMOVAL OF SEDIMENT IN JANUARY 2025

SOURCE:

SITE PLAN BASED ON A SURVEY PREPARED BY L.K. McLEAN ASSOCIATES P.C. – APRIL 02, 2024.

Well Location	Date Measured	Depth to LNAPL (ft. bc.)	Depth to Water (ft. bc.)	LNAPL Thickness (feet)	LNAPL Recovery (gallons)	Absorbent Sock Placed
MW-10	11/3/2022	5.23	5.33	0.10	-	No
	3/13/2024	5.03	5.09	0.06	-	No
	1/14/2025	5.22	5.90	0.68	VEFR (775)	Yes
	1/21/2025	5.78	6.63	0.85	-	Yes
	1/23/2025	5.38	6.94	1.56	VEFR (345)	Yes
	1/28/2025	6.54	6.95	0.41	-	Yes
	1/30/2025	6.57	6.99	0.42	VFER (390)	Yes
	2/6/2025	4.84	5.32	0.48	-	Yes
	6/4/2025	4.82	4.83	0.01	-	Yes

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SCALE IN FEET

REVISION DATE: 6/12/2025 REVISED BY: B.S.

1301 METROPOLITAN AVENUE
BROOKLYN, NEW YORK

REMAINING CONTAMINATION/IRM INVESTIGATION

FIGURE # 4

TABLES

Notes Utilized Throughout Tables
Soil Tables
ND = Not detected above the method detection limit of the laboratory
NA = Not Analyzed
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
Bold value indicates that parameter was detected above the NYSDEC Part 375 Soil Cleanup Objective (SCO)
Shaded value indicates that parameter was detected above the NYSDEC Part 375 SCO
NYSDEC = New York State Department of Environmental Conservation
SCO = Soil Cleanup Objective
- = No SCO available
FD = Field duplicate sample collected
N = Normal sample collected
Reporting limits & method detection limits are included within lab reports
TCLP = Toxicity Characteristic Leaching Procedure
RCRA = Resource Conservation and Recovery Act
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
PCBs = Polychlorinated Biphenyls

EnviroTrac

Table 1. Summary of LNAPL and Water Level Measurements
1301 Metropolitan Avenue, Brooklyn, NY
BCP Site # C224344

Well Location	Date Measured	Depth to LNAPL (ft. bc.)	Depth to Water (ft. bc.)	LNAPL Thickness (feet)	LNAPL Recovery (gallons)	Absorbent Sock Placed
MW-10	11/3/2022	5.23	5.33	0.10	-	No
	3/13/2024	5.03	5.09	0.06	-	No
	1/14/2025	5.22	5.90	0.68	VEFR (775)	Yes
	1/21/2025	5.78	6.63	0.85	-	Yes
	1/23/2025	5.38	6.94	1.56	VEFR (345)	Yes
	1/28/2025	6.54	6.95	0.41	-	Yes
	1/30/2025	6.57	6.99	0.42	VFER (390)	Yes
	2/6/2025	4.84	5.32	0.48	-	Yes
	6/4/2025	4.82	4.83	0.01	-	Yes

Notes:
VEFR = Vacuum Enhanced Fluid Recovery
LNAPL = Light Non-Aqueous Phase Liquid

Table 2. Summary of Sediment Sampling Performed
1301 Metropolitan Avenue, Brooklyn, NY
BCP Site # C224344

Sample ID	Sample Date	Sample Matrix	Sample Depth(s) (ft. b.g.)	Analysis	
				TCL SVOCs	TAL Metals
S-1	1/21/2025	Sediment	7.5	X	X
S-2	1/21/2025	Sediment	12.5	X	X
S-3	1/21/2025	Sediment	13'		X
S-5	1/21/2025	Sediment	11.5	X	
Blind Dup	1/21/2025	Sediment	-	X	X

Notes:
ft. b.g. - feet below grade
TCL - Target Compound List
TAL - Target Analyte List
SVOCs - Semi-volatile Organic Compounds

Table 3. Summary of Semi-Volatile Organic Compounds in Stormwater Drywell Sediment
1301 Metropolitan Avenue, Brooklyn, NY
BCP Site # C224344

Sample ID:	**NYSDEC Part 375 Unrestricted Use SCO**	**NYSDEC Part 375 Protection of Groundwater Criteria**	**NYSDEC Part 375 Industrial Use SCO**	**S-1**		**S-2**		**S-3**	**S-4**	**S-5**		**Blind Dup**
Sample Date:				3/30/2021	1/20/2025	3/30/2021	1/21/2025	3/30/2021	3/30/2021	11/3/2022	1/21/2025	1/21/2025
Sample Depth:				4'	7.5'	8.5'	12.5'	Grade	9'	5'	11.5'	-
Normal or Field Duplicate:				N	N	N	N	N	N	N	N	FD
Unit:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Paramter				**SVOCs**								
2-Chlorophenol	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
4-Chloro-3-methyl phenol	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
2,4-Dichlorophenol	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
2,4-Dimethylphenol	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
2,4-Dinitrophenol	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
4,6-Dinitro o-cresol	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
2-Methylphenol	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
3,4-Methylphenol	-	-	-	NA	0.748	NA	ND	NA	NA	NA	ND	0.286 J
2-Nitrophenol	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
4-Nitrophenol	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Pentachlorophenol	0.8	0.8	55	NA	ND	NA	ND	NA	NA	NA	ND	ND
Phenol	0.33	0.33	1,000	NA	ND	NA	ND	NA	NA	NA	ND	0.592 J
2,3,4,6-Tetrchlorophenol	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
2,4,5-Trichlorophenol	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
2,4,6-Trichlorophenol	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Acenaphthene	20	98	1,000	ND	ND	ND	0.446	ND	ND	0.252 J	0.191	ND
Acenaphthylene	100	107	1,000	ND	0.225 J	ND	0.459	ND	ND	0.165 J	0.0984 J	0.151 J
Anthracene	100	1,000	1,000	ND	0.777	ND	1.38	ND	1.4	0.915	0.416	0.4
Atrazine	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Benzo(a)anthracene	1	1	11	**1.9**	1.22	**3.1**	3.27	ND	**1.7**	**1.8**	0.622	0.796
Benzo(a)pyrene	1	22	1.1	**1.5**	**1.12**	**2.7**	**2.89**	ND	ND	**1.34**	0.579	0.73
Benzo(b)fluoranthene	1	1.7	11	**1.8**	1.74	**3.4**	4.28	ND	**2.5**	**1.97**	0.864	1.14
Benzo(g,h,i)perylene	100	1,000	1,000	1.1	0.902	1.8	2.29	ND	ND	1.08	0.508	0.602
Benzo(k)fluoranthene	0.8	1.7	110	**1.7**	0.594	**2**	1.79	ND	ND	0.633	0.325	0.408
4-Bromophenyl phenyl ether	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Butyl benzyl phthalate	-	-	-	NA	ND	NA	ND	NA	NA	NA	0.269	ND
1,1-Biphenyl	-	-	-	NA	0.134	NA	0.0423	NA	NA	NA	0.0437 J	0.0712 J
Benzaldehyde	-	-	-	NA	ND	NA	0.315	NA	NA	NA	0.187 J	ND
2-Chloronaphthalene	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
4-Chloroaniline	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Carbazole	-	-	-	NA	0.27	NA	0.472	NA	NA	NA	0.105 J	0.135 J
Caprolactam	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Chrysene	1	1	110	**2.7**	1.73	**4.4**	4.05	ND	**2.6**	**2.19**	0.916	1.13
bis(2-Chloroethoxy)methane	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
bis(2-Chloroethyl)ether	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
2,2-Oxybis(1-chloropropane)	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
4-Chlorophenyl phenyl ether	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
2,4-Dinitrotoluene	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
2,6-Dinitrotoluene	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
3,3'-Dichlorobenzidine	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
1,4-Dioxane	0.1	0.1	250	NA	ND	NA	ND	NA	NA	NA	ND	ND
Dibenzo(a,h)anthracene	0.33	1,000	1.1	ND	0.235 J	ND	**0.637**	ND	ND	0.254 J	0.14	0.155 J
Dibenzofuran	-	-	-	NA	ND	NA	0.373	NA	NA	NA	0.129 J	ND
Di-n-butyl phthalate	-	-	-	NA	0.161 J	NA	0.199	NA	NA	NA	0.123 J	0.146 J
Di-n-octyl phthalate	-	-	-	NA	ND	NA	ND	NA	NA	NA	0.337	ND
Diethyl phthalate	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Dimethyl phthalate	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
bis(2-ethyl hexyl) phthalate	-	-	-	NA	9.12	NA	7.63	NA	NA	NA	5.26	5.76
Fluoranthene	100	1,000	1,000	5.8	4.14	10	8.44	6.1	25	4.28	2.19	2.69
Fluorene	30	386	1,000	2.2	0.835	2.5	0.958	ND	ND	0.483	0.532	0.607
Hexachlorobenzene	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Hexachlorobutadiene	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Hexachlorocyclopentadiene	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Hexachloroethane	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	8.2	11	ND	0.671	**1.7**	1.81	ND	ND	**0.944**	0.354	0.461
Isophorone	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
2-Methylnaphthalene	-	-	-	NA	0.717	NA	0.201 J	NA	NA	NA	0.194	0.488
2-Nitroaniline	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
3-Nitroaniline	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
4-Nitroaniline	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Naphthalene	12	12	1,000	ND	0.299	ND	0.126 J	ND	ND	0.277	0.0653 J	0.167 J
Nitrobenzene	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
N-Nitros-di-n-propylamine	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
N-Nitrosdiphenylamine	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND
Phenanthrene	100	1,000	1,000	7.4	4.12	8.5	5.67	ND	6.8	4.07	2.67	2.8
Pyrene	100	1,000	1,000	5.6	3.24	9.4	6.81	5.8	19	3.83	1.75	2.15
2,3,4,5-Tetrachlorobenzene	-	-	-	NA	ND	NA	ND	NA	NA	NA	ND	ND

Notes:
Underlined compound concentration was detected above its NYSDEC Protecion of
Groundwater Criteria for Soil and above its NYSDEC Ambient Water Quality
Standard/Guidance Value within select groundwater monitoring wells.
The results for the 1/21/2025 sampling event were compared to the NYSDEC Industrial Use Soil Cleanup Objectives (IUSCOs)

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Table 4. Summary of Metals in Stormwater Drywell Sediment
1301 Metropolitan Avenue, Brooklyn, NY
BCP Site # C224344

Sample ID:	**NYSDEC Part 375 Unrestricted Use SCO**	**NYSDEC Part 375 Protection of Groundwater Criteria**	**NYSDEC Part 375 Industrial Use SCO**	**S-1**		**S-2**		**S-3**		**S-4**	**S-5**	**Blind Dup**
Sample Date:				3/30/2021	1/20/2025	3/30/2021	1/21/2025	3/30/2021	1/21/2025	3/30/2021	11/3/2022	1/21/2025
Sample Depth:				4'	7.5'	8.5'	12.5'	Grade	13'	9'	5'	-
Normal or Field Duplicate:				N	N	N	N	N	N	N	N	FD
Unit:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Paramter				**Metals**								
Aluminum	-	-	-	NA	8,990	NA	7,380	NA	5,900	NA	NA	3,770
Antimony	-	-	-	NA	ND	NA	ND	NA	ND	NA	NA	ND
Arsenic	13	16	16	**62.4**	**72.6**	**30.5**	**74.3**	**20.5**	3.5	5	12.5	**63.4**
Barium	350	820	10,000	**604**	1,030	**395**	1,630	**3,350**	55.1	**520**	309	344
Beryllium	7.2	47	2,700	NA	ND	NA	ND	NA	0.4	NA	NA	ND
Cadmium	2.5	7.5	60	2.39	4.7	1.78	4.5	**5.65**	ND	0.99	1.6	1.5
Calcium	-	-	-	NA	44,900	NA	20,900	NA	10,500	NA	NA	26,300
Chromium*	30*	-	6,800	**94.2**	172	**51.6**	161	**86.1**	13.7	12.6	26.9	122
Cobalt	-	-	-	NA	ND	NA	ND	NA	ND	NA	NA	ND
Copper	50	1,720	10,000	NA	328	NA	325	NA	23.1	NA	NA	354
Iron	-	-	-	NA	27,900	NA	24,300	NA	18,000	NA	NA	15,700
Lead	63	450	3,900	**291**	1,400	**469**	1,590	**1,020**	137	**149**	**422**	463
Magnesium	-	-	-	NA	13,700	NA	9,150	NA	1,970	NA	NA	11,700
Manganese	1,600	2,000	10,000	NA	233	NA	180	NA	319	NA	NA	93.1
Mercury	0.18	0.73	5.7	**0.89**	0.8	**1.21**	2.2	**1.66**	0.49	**0.24**	**0.4**	0.73
Nickel	30	130	10,000	NA	57	NA	49.2	NA	11.6	NA	NA	22.2
Potassium	-	-	-	NA	ND	NA	ND	NA	ND	NA	NA	ND
Selenium	3.9	4	6,800	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	2	8.3	6,800	ND	2	ND	1.9	0.97	ND	ND	ND	1.1
Sodium	-	-	-	NA	ND	NA	ND	NA	ND	NA	NA	ND
Thalium	-	-	-	NA	ND	NA	ND	NA	ND	NA	NA	ND
Vanadium	-	-	-	NA	54.9	NA	43.1	NA	23.5	NA	NA	27
Zinc	109	2,480	10,000	NA	2,270	NA	2,370	NA	54.5	NA	NA	1,010
Solids, Percent	-	-	-	45	NA	39	NA	52	NA	52	60.3	NA

Notes:
Underlined compound concentration was detected above its NYSDEC Protecion of Groundwater Criteria for Soil and above its NYSDEC Ambient Water Quality Standard/Guidance Value within select groundwater monitoring wells.
* Trivalent value used for chromium
The results for the 1/21/2025 sampling event were compared to the NYSDEC Industrial Use Soil Cleanup Objectives (IUSCOs)

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Table 5. Summary of Volatile Organic Compounds in Waste Characterization
Sediment Sample
1301 Metropolitan Avenue, Brooklyn, NY
BCP Site # C224344

Sample ID:	**NYSDEC Part 375 Industrial Use SCO**	**Composite**	**Grab**
Sample Date:		1/21/2025	1/21/2025
Unit:		µg/kg	µg/kg
Paramter		**VOCs**	
1,1,1-Trichloroethane	**1,000,000**	NS	ND
1,1,2,2-Tetrachloroethane	-	NS	ND
1,1,2-Trichloroethane	-	NS	ND
1,1-Dichloroethane	**480,000**	NS	ND
1,1-Dichloroethene	**1,000,000**	NS	ND
1,1-Dichloropropene	-	NS	ND
1,2,3-Trichlorobenzene	-	NS	ND
1,2,3-Trichloropropane	-	NS	ND
1,2,4-Trichlorobenzene	-	NS	ND
1,2,4-Trimethylbenzene	**380,000**	NS	ND
1,2-Dibromo-3-chloropropane	-	NS	ND
1,2-Dibromoethane	-	NS	ND
1,2-Dichlorobezene	-	NS	ND
1,2-Dichlorethane	**60,000**	NS	ND
1,2-Dichloropropane	-	NS	ND
1,3,5-Trimethylbenzene	**380,000**	NS	ND
1,3-Dichlorobenzene	**560,000**	NS	ND
1,3-Dichloropropane	-	NS	ND
1,4-Dichlorobenzene	**250,000**	NS	ND
2,2-Dichloropropane	-	NS	ND
2-Chlorotoluene	-	NS	ND
2-Hexanone	-	NS	ND
2-Isopropyltoluene	-	NS	ND
4-Chlorotoluene	-	NS	ND
4-Methyl-2-pentanone	-	NS	ND
Acetone	1,000,000	NS	ND
Acrylonitrile	-	NS	ND
Benzene	89,000	NS	ND
Bromobenzene	-	NS	ND
Bromochloromethane	-	NS	ND
Bromodichloromethane	-	NS	ND
Bromoform	-	NS	ND
Bromomethane	-	NS	ND
Carbon Disulfide	-	NS	ND
Carbon Tetrachloride	44,000	NS	ND
Chlorobenzene	1,000,000	NS	ND
Chloroethane	-	NS	ND
Chloroform	780,000	NS	ND
Chloromethane	-	NS	ND
Cyclohexane	-	NS	ND
cis-1,2-Dichloroethene	1,000,000	NS	ND
cis-1,3-Dichloropropene	-	NS	ND
Dibromochloromethane	-	NS	ND
Dibromomethane	-	NS	ND
Dichlorodifluoromethane	-	NS	ND
Ethylbenzene	780,000	NS	14
Hexachlorobutadiene	-	NS	ND
Isopropylbenzene	-	NS	ND
m&p-Xylene	1,000,000	NS	950
Methyl acetate	-	NS	ND
Methylcyclohexane	-	NS	ND
Methyl ethyl ketone	1,000,000	NS	2,000
Methyl tert-butyl ether (MTBE)	1,000,000	NS	ND
Methylene chloride	1,000,000	NS	ND
Naphthalene	1,000,000	NS	ND
n-Butylbenzene	1,000,000	NS	ND
n-Propylbenzene	1,000,000	NS	ND
o-Xylene	1,000,000	NS	28
p-Isopropyltoluene	-	NS	ND
sec-Butylbenzene	1,000,000	NS	ND
Styrene	-	NS	ND
tert-Butylbenzene	1,000,000	NS	ND
Tetrachloroethene	300,000	NS	ND
Tetrahydrofuran	-	NS	ND
Toluene	1,000,000	NS	2,300
Total Xylenes	-	NS	978
trans-1,3-Dichloropropene	1,000,000	NS	ND
trans-1,4-Dichloro-2-butene	-	NS	ND
Trichloroethene	400,000	NS	ND
Trichlorofluoromethane	-	NS	ND
Trichlorotrifluoroethane	-	NS	ND
Vinyl chloride	27,000	NS	ND

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Table 6. Summary of TCLP Volatile Organic Compounds in Waste Characterization
Sediment Sample
1301 Metropolitan Avenue, Brooklyn, NY
BCP Site # C224344

Sample ID:	**RCRA TCLP Limits**	**Composite**	**Grab**
Sample Date:		1/21/2025	1/21/2025
Unit:		mg/L	mg/L
Paramter		**VOCs**	
1,1-Dichloroethane	**0.7**	NS	ND
1,2-Dichloroethane	**0.5**	NS	ND
1,4-Dichlorobenzene	**7.5**	NS	ND
Benzene	**0.5**	NS	ND
Carbon Tetrachloride	**0.5**	NS	ND
Chlorobenzene	**100**	NS	ND
Chloroform	**6**	NS	ND
Methyl ethyl ketone	**200**	NS	**0.12**
Tetrachloroethene	**0.7**	NS	ND
Trichloroethene	**0.5**	NS	ND
Vinyl chloride	**0.2**	NS	ND

Table 7. Summary of Semi-Volatile Organic Compounds in Waste Characterization
Sediment Sample
1301 Metropolitan Avenue, Brooklyn, NY
BCP Site # C224344

Sample ID:	**NYSDEC Part 375 Industrial Use SCO**	**Composite**	**Grab**
Sample Date:		1/21/2025	1/21/2025
Unit:		mg/kg	mg/kg
Paramter		**SVOCs**	
1,1-Biphenyl	-	ND	NS
1,2,4,5-Tetrachlorobenzene	-	ND	NS
2,2-Oxybis(1-chloropropane)	-	ND	NS
2,3,4,6-Tetrchlorophenol	-	ND	NS
2,4,5-Trichlorophenol	-	ND	NS
2,4,6-Trichlorophenol	-	ND	NS
2,4-Dichlorophenol	-	ND	NS
2,4-Dimethylphenol	-	ND	NS
2,4-Dinitrophenol	-	ND	NS
2,4-Dinitrotoluene	-	ND	NS
2,6-Dinitrotoluene	-	ND	NS
2-Chloronaphthalene	-	ND	NS
2-Chlorophenol	-	ND	NS
2-Methylnaphthalene	-	ND	NS
2-Methylphenol	-	ND	NS
2-Nitroaniline	-	ND	NS
2-Nitrophenol	-	ND	NS
3,4-Methylphenol	-	ND	NS
3,3'-Dichlorobenzidine	-	ND	NS
3-Nitroaniline	-	ND	NS
4,6-Dinitro o-cresol	-	ND	NS
4-Bromophenyl phenyl ether	-	ND	NS
4-Chloro-3-methyl phenol	-	ND	NS
4-Chloroaniline	-	ND	NS
4-Chlorophenyl phenyl ether	-	ND	NS
4-Nitroaniline	-	ND	NS
4-Nitrophenol	-	ND	NS
Acenaphthene	1,000	ND	NS
Acenaphthylene	1,000	ND	NS
Anthracene	1,000	ND	NS
Atrazine	-	ND	NS
Benzo(a)anthracene	11	ND	NS
Benzo(a)pyrene	1.1	ND	NS
Benzo(b)fluoranthene	11	ND	NS
Benzo(g,h,i)perylene	1,000	**6,400**	NS
Benzo(k)fluoranthene	110	ND	NS
Butyl benzyl phthalate	-	ND	NS
bis(2-Chloroethoxy)methane	-	ND	NS
bis(2-Chloroethyl)ether	-	ND	NS
bis(2-ethyl hexyl) phthalate	-	23,000	NS
Caprolactam	-	ND	NS
Carbazole	-	ND	NS
Chrysene	110	ND	NS
Dibenzo(a,h)anthracene	1.1	ND	NS
Dibenzofuran	-	ND	NS
Diethyl phthalate	-	ND	NS
Dimethyl phthalate	-	ND	NS
Di-n-butyl phthalate	-	ND	NS
Di-n-octyl phthalate	-	ND	NS
Fluoranthene	1,000	ND	NS
Fluorene	1,000	ND	NS
Hexachlorobenzene	-	ND	NS
Hexachlorobutadiene	-	ND	NS
Hexachlorocyclopentadiene	-	ND	NS
Hexachloroethane	-	ND	NS
Indeno(1,2,3-cd)pyrene	11	**5,800**	NS
Isophorone	-	ND	NS
Naphthalene	1,000	ND	NS
Nitrobenzene	-	ND	NS
N-Nitrosodiumethylamine	-	ND	NS
N-Nitros-di-n-propylamine	-	ND	NS
N-Nitrosdiphenylamine	-	ND	NS
Pentachlorophenol	55	ND	NS
Phenanthrene	1,000	ND	NS
Phenol	1,000	ND	NS
Pyrene	1,000	ND	NS
1,4-Dioxane	250	NS	ND

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Table 8. Summary of Metals in Waste Characterization Sediment Sample
1301 Metropolitan Avenue, Brooklyn, NY
BCP Site # C224344

Sample ID:	**NYSDEC Part 375 Industrial Use SCO**	**Composite**	**Grab**
Sample Date:		1/21/2025	1/21/2025
Unit:		mg/kg	mg/kg
Paramter		**Metals**	
Aluminum	-	4,590	NS
Antimony	-	7.6	NS
Arsenic	16	**43.9**	NS
Barium	10,000	357	NS
Beryllium	2,700	ND	NS
Cadmium	60	1.41	NS
Calcium	-	25,100	NS
Chromium*	6,800	98.3	NS
Cobalt	-	6.38	NS
Copper	10,000	247	NS
Iron	-	15,000	NS
Lead	3,900	414	NS
Magnesium	-	7,500	NS
Manganese	10,000	103	NS
Mercury	5.7	0.60	NS
Nickel	10,000	19.6	NS
Potassium	-	650	NS
Selenium	6,800	ND	NS
Silver	6,800	ND	NS
Sodium	-	524	NS
Thalium	-	ND	NS
Vanadium	-	26.9	NS
Zinc	10,000	866	NS
Solids, Percent	-	NA	NA

Notes:
* Trivalent value used for chromium

Table 9. Summary of TCLP Metals in Waste Characterization Sediment Sample
1301 Metropolitan Avenue, Brooklyn, NY
BCP Site # C224344

Sample ID:	**RCRA TCLP Limits**	**Composite**	**Grab**
Sample Date:		1/21/2025	1/21/2025
Unit:		mg/L	mg/L
Paramter		**TCLP Metals**	
TCLP Silver	**5**	ND	NS
TCLP Arsenic	**5**	ND	NS
TCLP Barium	**100**	0.96	NS
TCLP Cadmium	**1**	ND	NS
TCLP Chromium	**8**	ND	NS
TCLP Mercury	**0.2**	ND	NS
TCLP Lead	**5**	1.16	NS
TCLP Selenium	**1**	ND	NS

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Table 10. Summary of Polychlorinated Biphenyls in Waste Characterization
Sediment Sample
1301 Metropolitan Avenue, Brooklyn, NY
BCP Site # C224344

Sample ID:	**NYSDEC Part 375 Industrial Use SCO**	**Composite**	**Grab**
Sample Date:		1/21/2025	1/21/2025
Unit:		mg/kg	mg/kg
Paramter		**PCBs**	
PCB-1016	**25**	ND	NS
PCB-1221	**25**	ND	NS
PCB-1232	**25**	ND	NS
PCB-1242	**25**	ND	NS
PCB-1248	**25**	ND	NS
PCB-1254	**25**	ND	NS
PCB-1260	**25**	ND	NS
PCB-1262	**25**	ND	NS
PCB-1268	**25**	ND	NS

Note:
PCB = Polychlorinated Biphenyls

Table 11
Waste Manifests
1301 Metropolitan Avenue, Brooklyn, NY
BCP Site # C224344

Date	Waste	Units	Manifest	Disposal Facility
1/14/2025	Oily water	775 gallons	65923	Dale Transfer Corporation
1/20/2025	Stormwater	3,200 gallons	NHWM224232-0120	Dale Transfer Corporation
1/21/2025	Stormwater	3,200 gallons	NHWM224232-0123	Dale Transfer Corporation
1/23/2025	Oily water	345 gallons	NHWM224232	Dale Transfer Corporation
1/30/2025	Oily water	390 gallons	65991	Dale Transfer Corporation
2/20/2025	Sediment	15 yards	65803	Dale Transfer Corporation

APPENDICES

APPENDIX A

Photographic Documentation

Photographic Documentation

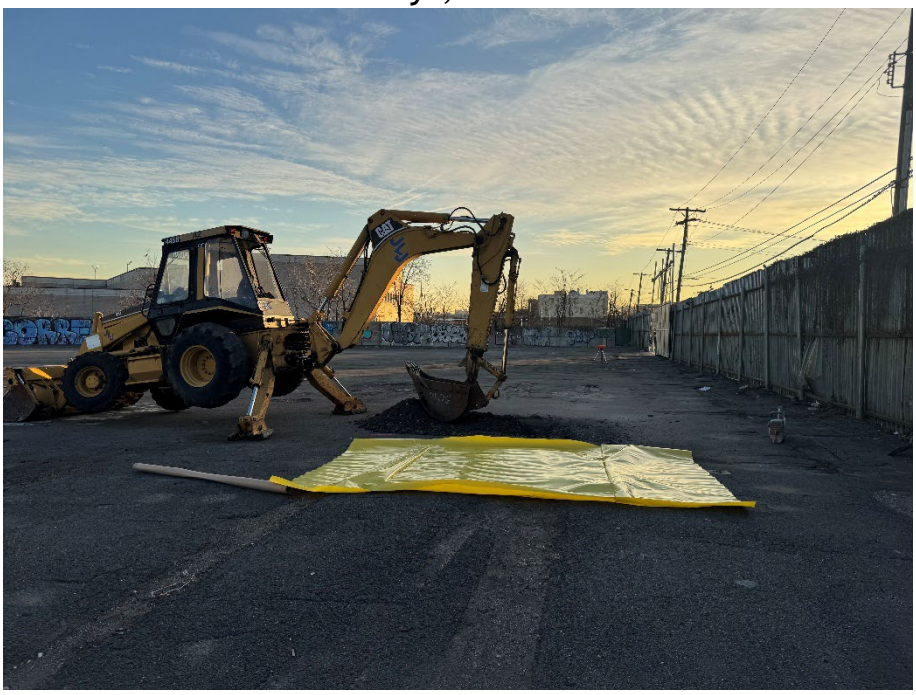
NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the EFR event conducted at MW-10 on 1/14/25.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of start of the excavation in the area of the former gasoline tanks shown on historical fire insurance maps on the south-central portion of the Site on 1/16/25.



View of the excavation. Within the excavation were cobbles and an apparent concrete footing.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the maximum depth of the excavation to approximately 9 feet below grade.



View of the excavation depth measurement.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



Maximum PID reading for excavation soil.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of drywell S-3 being cleaned out.

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Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of drywell S-1 being cleaned out.



On-site roll-off used for containerizing waste removed from drywells.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



VEFR event conducted on well MW-10 on 1/23/25.



Test pit excavation #2 based off geophysical survey results for the outfall piping.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



Test pit excavation #3 down to approximately 5.5’.



Test pit excavation #4 down to approximately 6.5’.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



VEFR event conducted on well MW-10 on 1/30/25.



View of Test Pit #5 excavation around MW-10.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the interior of stormwater drainage structure S-1.



View of the interior of stormwater drainage structure S-2.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the interior of stormwater drainage structure S-3.



View of the interior of stormwater drainage structure S-5.

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the entire bulkhead at low tide.



View of the known 10-inch outfall pipe in the metal bulkhead.

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the 2nd outfall pipe location found to be a 6-inch metal pipe with no connection to the Site.



Closeup view of the 2nd outfall pipe location found to be a short section of pipe lying in the wooden bulkhead with no connection to the Site.

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Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the measurement from Site grade to the 2nd outfall pipe location.



View of Test Pit #7 conducted in-line with the 2nd outfall pipe to a depth of 8.5 feet below grade confirming that there is no connection from the 2nd outfall pipe to the Site.

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of known bulkhead outfall pipe in Test Pit #4 located approximately 8 feet below grade, on the west side of the excavation.



Another view of the known outfall pipe in Test Pit #4.

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the concrete invert where the known bulkhead outfall pipe ends within Test Pit #6.



Closeup view of invert in Test pit #6.

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of Test pit #6 illustrating completion depth.



View of the known outfall pipe being capped with concrete in Test Pit #4.

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the invert being sealed with concrete in Test Pit #6.

APPENDIX B

Waste Manifests

Waste Manifests
1301 Metropolitan Avenue, Brooklyn, NY
BCP Site # C224344

Date	Waste	Units	Manifest	Disposal Facility
1/14/2025	Oily water	775 gallons	65923	Dale Transfer Corporation
1/20/2025	Stormwater	3,200 gallons	NHWM224232-0120	Dale Transfer Corporation
1/21/2025	Stormwater	3,200 gallons	NHWM224232-0123	Dale Transfer Corporation
1/23/2025	Oily water	345 gallons	NHWM224232	Dale Transfer Corporation
1/30/2025	Oily water	390 gallons	65991	Dale Transfer Corporation
2/20/2025	Sediment	15 yards	65803	Dale Transfer Corporation

EnviroTrac

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. . . . . | Manifest Doc. No. 65923 | 2. Page 1 of 01 | NHWM224232

3. Generator's Name and Mailing Address: TLJ ENTERPRISES 1301 METROPOLITAN AVE BROOKLYN, NY 11237

4. Generator's Phone ( )

SAME

5. Transporter 1 Company Name: **AARCO ENVIRONMENTAL SERVICES CORP.** | 6. US EPA ID Number: N.Y.R.0.0.0.1.0.7.3.2.6 | A. Transporter's Phone: **631-586-5900**

7. Transporter 2 Company Name | 8. US EPA ID Number . . . . . | B. Transporter's Phone

9. Designated Facility Name and Site Address: DALE TRANSFER CORPORATION 129 DALE ST WEST BABYLON, NY 11704 | 10. US EPA ID Number: N.I.A. . . . . | C. Facility's Phone: 631-393-2882

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON REGULATED LIQUIDS (OILY WATER)	X.X.1	T.T	.345	G
b.	. .	.	. . . .	
c.	. .	.	. . . .	
d.	. .	.	. . . .	

GENERATOR

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900

JOB # 224232

TRUCK # V654

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Dylan Moscella AS AGENT FOR DUNN | Signature | Month 01 | Day 23 | Year 25

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name: MUHAMMAD AWAN | Signature | Month 01 | Day 23 | Year 25

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month . | Day . | Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Amarato Sanchez | Signature | Month 01 | Day 23 | Year 25

TRANSPORTER #2

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. EXEMPT | Manifest Doc. No. 65803 | 2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address: SLS Enterprises
Site 1301 Metropolitan Ave
Brooklyn NY 11237

4. Generator's Phone ( )

5. Transporter 1 Company Name: AARCO ENVIRONMENTAL SERVICES CORP. | 6. US EPA ID Number: N.Y.R.0.0.0.1.0.7.3.2.6 | A. Transporter's Phone: 631-586-5900

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Dale
129 Doll Street
W. Babylon NY 11704 | 10. US EPA ID Number: N.I.A. | C. Facility's Phone: 631-393-2882

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Regulated Soil Sediment Sludge	001	CM	00015	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900
R679 Job# 27-224332-B

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Agent For Robert Martine	Robert Martine	02	20	25

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Robert Martine	Robert Martine	02	20	25

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
Armando Sanchez		2	20	25

ORIGINAL – RETURN TO GENERATOR

R-TEK SCALES, LLC.

TIME: 2/20/2025 11:00:55 AM
TRUCK: RAB111

DRIVER ID: ROB
MANIFEST: 9090
LICENSE PLATE: 00

TOTAL AXLE WEIGHT: 54220
AXLE 1: 40640
AXLE 2: 15580

THANK YOU!!

R-TEK SCALES, LLC.

TIME: 2/20/2025 11:10:52 AM
TRUCK: RAB111

GROSS: 54220
TARE: 36140
NET: 0

DRIVER ID: ROB
MANIFEST: 9090
LICENSE PLATE: 00

TOTAL AXLE WEIGHT: 54220.00000
AXLE 1: 22320
AXLE 2: 13820

THANK YOU!!

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. . . . . | Manifest Doc. No. 65991 | 2. Page 1 of 01 | 0130 NHWM224232-

GENERATOR

3. Generator's Name and Mailing Address: JLJ ENTERPRISES, 1301 METROPOLITAN AVE, BROOKLYN, NY 11237

4. Generator's Phone ( ) | SAME

5. Transporter 1 Company Name: AARCO ENVIRONMENTAL SERVICES CORP. | 6. US EPA ID Number: N.Y.R.0.0.0.1.0.7.3.2.6 | A. Transporter's Phone: 631-586-5900

7. Transporter 2 Company Name | 8. US EPA ID Number . . . . . | B. Transporter's Phone

9. Designated Facility Name and Site Address: DALE TRANSFER CORP. 129 DALE ST WEST BABYLON, NY 11704 | 10. US EPA ID Number: N/A. . . . . | C. Facility's Phone: 631-393-2882

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-REGULATED LIQUIDS (OILY WATER)	XX.1	T.T	390	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900
JOB #224232
TRUCK #V654

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Dylan Moscarella AS AGENT FOR | Signature: D. Moscarella | Month 10 Day 30 Year 25

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name: MUHAMMAD AWAN | Signature | Month 10 Day 30 Year 25

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Cassandra Drayure | Signature | Month 10 Day 30 Year 25

ORIGINAL – RETURN TO GENERATOR

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 01	
. . . . .	65958		NHWM224232

GENERATOR

3. Generator's Name and Mailing Address
J & J ~~CARTING~~ ENTERPRISES
1301 METROPOLITAN AVE, BROOKLYN, NY 11237

1301 METROPOLITAN AVE
BROOKLYN, NY 11237

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
AARCO ENVIRONMENTAL SERVICES CORP.	N.Y.R.0.0.0.1.0.7.3.2.6	631-586-5900
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
	. . . . .	
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
DALE TRANSFER CORPORATION 129 DALE STREET WEST BABYLON, NY 11704	. . N/A	

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON REGULATED LIQUIDS (OILY WATER)	XX.1	T.T	775	G1
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900

JOB# 224232

TRUCK # V654

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Dylan Mosadic AS AGENT FOR		01	14	25

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MUHAMMAD AWAN		01	14	25

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		.	.	.

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
Armando Sanchez		01	14	25

ORIGINAL – RETURN TO GENERATOR

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number
			631-586-5900	NHWM 224232

GENERATOR

5. Generator's Name and Mailing Address SLJ 1301 Metropolitan Ave Brooklyn NY 11237

Generator's Site Address (if different than mailing address)
1301 METROPOLITAN AVE
BROOKLYN, NY 11237

Generator's Phone:

6. Transporter 1 Company Name: AARCO ENVIRONMENTAL SERVICES — U.S. EPA ID Number: NYR000107326

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
DALE TRANSFER CORPORATION
129 DALE STREET, WEST BABYLON NY 11704
631-393-2882
U.S. EPA ID Number: N/A
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON-REGULATED LIQUIDS (~~OIL/WATER~~) Stormdrain/water	001	TT	3200	G
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
APPROVAL NO. ~~2024-0004~~ 2025-0206
JOB NO. 224232; TRUCK NO. V179

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: X Dylan Moscarella ITS AGENT FOR OWNER — Signature: X — Month 1 Day 20 Year 25

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bryan Booth — Signature — Month 1 Day 20 Year 25

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Armando Sanchez — Signature — Month 01 Day 20 Year 25

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1-800-997-6966

DESIGNATED FACILITY TO GENERATOR

Reorder Part# MANIFEST-C6NHW
913-897-6966

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
		1	631-586-5900	NHWM 224232

5. Generator's Name and Mailing Address: JLJ Enterprise
1301 Metropolitan Ave
Brooklyn NY 11237
Generator's Phone:

Generator's Site Address (if different than mailing address)
1301 METROPOLITAN AVE
BROOKLYN, NY 11237

6. Transporter 1 Company Name: AARCO ENVIRONMENTAL SERVICES — U.S. EPA ID Number: NYR000107326

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
DALE TRANSFER CORPORATION
129 DALE STREET, WEST BABYLON NY 11704
Facility's Phone: 631-393-2882
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-REGULATED LIQUIDS (OIL/WATER) storm drain/water	001	TT	3,200	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
APPROVAL NO. 2025-0206
JOB NO. 224232; TRUCK NO. V179

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Y Dylan Mascarella AS AGENT FOR — Signature: D Newman — Month: 1 — Day: 21 — Year: 25

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bryan Booth — Signature — Month: 1 — Day: 21 — Year: 25
Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Armando Sanchez — Signature — Month: 01 — Day: 21 — Year: 25

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1-800-997-6966

DESIGNATED FACILITY TO GENERATOR

Reorder Part# MANIFEST-C6NHW
913-897-6966

APPENDIX C

Laboratory Reports

Environmental Services

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

EnviroTrac Ltd.

1301 Metropolitan Avenue, Brooklyn, NY

SGS Job Number: JE4646

Sampling Dates: 01/20/25 - 01/21/25



Report to:

Envirotrac
5 Old Dock Road
Yaphank, NY 11980
tracyw@envirotrac.com; crystalb@envirotrac.com

ATTN: Tracy Wall

Total number of pages in report: **1881**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

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how we can serve you better at:
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8.5: Inst QC MA57795: Ba,Zn 1600
8.6: Prep QC MP52380: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,

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SGS North America Inc.

Sample Summary

EnviroTrac Ltd.

Job No: JE4646

1301 Metropolitan Avenue, Brooklyn, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies: Organics ND = Not detected above the MDL							
JE4646-1	01/21/25	10:14	DM	01/23/25	SO	Soil	S-1
JE4646-1D	01/21/25	10:14	DM	01/23/25	SO	Soil Dup/MSD	S-1 (MSD)
JE4646-1S	01/21/25	10:14	DM	01/23/25	SO	Soil Matrix Spike	S-1 (MS)
JE4646-2	01/21/25	09:30	DM	01/23/25	SO	Soil	S-2
JE4646-3	01/20/25	10:50	DM	01/23/25	SO	Soil	S-3
JE4646-4	01/21/25	10:55	DM	01/23/25	SO	Soil	S-5
JE4646-5	01/21/25	09:35	DM	01/23/25	SO	Soil	BLIND DUP
JE4646-6	01/21/25	12:00	DM	01/23/25	AQ	Equipment Blank	EQUIPMENT BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: EnviroTrac Ltd. **Job No:** JE4646

Site: 1301 Metropolitan Avenue, Brooklyn, NY **Report Date** 1/31/2025 11:28:54 A

On 01/23/2025, 5 sample(s), 0 Trip Blank(s), 1 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 1.7 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JE4646 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Semi-volatiles By Method SW846 8270E

Matrix: AQ **Batch ID:** OP61138

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JE4646-6 for 3-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for Di-n-octyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for Phenol: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for Nitrobenzene: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for 4-Chloro-3-methyl phenol: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for 4-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for bis(2-Ethylhexyl)phthalate: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for Butyl benzyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for Di-n-butyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JE4646-6 for 2-Nitroaniline: Associated CCV outside of control limits high, sample was ND.

Matrix: SO **Batch ID:** OP61130

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE4663-3MS, JE4663-3MSD were used as the QC samples indicated.
- The matrix spike (MS) recovery(s) of 2,4,6-Trichlorophenol, 2,4-Dinitrophenol, 4-Nitrophenol, bis(2-Ethylhexyl)phthalate, Hexachlorocyclopentadiene are outside control limits. Outside control limits.
- The matrix spike duplicate (MSD) recovery(s) of 2,4,6-Trichlorophenol, 2,4-Dinitrophenol, 4-Nitrophenol, bis(2-Ethylhexyl)phthalate, Hexachlorocyclopentadiene are outside control limits. Outside control limits.
- JE4646-2: Elevated detection limit due to high final volume of viscous extract.
- JE4646-1: Elevated detection limit due to high final volume of viscous extract.
- JE4646-4: Elevated detection limit due to high final volume of viscous extract.
- JE4646-5: Elevated detection limit due to high final volume of viscous extract.

MS Semi-volatiles By Method SW846 8270E

Matrix: SO **Batch ID:** OP61130

- JE4646-4 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE4646-5 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE4646-1 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE4646-2 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.

Metals Analysis By Method SW846 6010D

Matrix: AQ **Batch ID:** MP52380

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE4629-2MS, JE4629-2MSD, JE4629-2SDL were used as the QC samples for the metals analysis.
- The serial dilution RPD(s) for Aluminum, Antimony, Barium, Chromium, Nickel, Potassium, Vanadium are outside control limits for sample MP52380-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix: SO **Batch ID:** MP52394

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE4646-1MS, JE4646-1MSD, JE4646-1SDL were used as the QC samples for the metals analysis.
- The matrix spike (MS) recovery(s) of Aluminum, Barium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- The matrix spike duplicate (MSD) recovery(s) of Barium, Magnesium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- The matrix spike (MS) recovery(s) of Calcium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- The RPD(s) for the MS and MSD recoveries of Calcium are outside control limits for sample MP52394-S2. High rpd due to possible sample nonhomogeneity.
- The serial dilution RPD(s) for Antimony, Potassium, Selenium are outside control limits for sample MP52394-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP52394-SD1 for Arsenic, Copper: Serial dilution indicates possible matrix interference.

Metals Analysis By Method SW846 7470A

Matrix: AQ **Batch ID:** MP52401

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE4604-1MS, JE4604-1MSD were used as the QC samples for the metals analysis.

Metals Analysis By Method SW846 7471B

Matrix:	SO	Batch ID:	MP52404

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE4646-1PS, JE4646-1MS, JE4646-1MSD were used as the QC samples for the metals analysis.
- The matrix spike (MS) recovery(s) of Mercury are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- The RPD(s) for the MS and MSD recoveries of Mercury are outside control limits for sample MP52404-S2. High rpd due to possible sample nonhomogeneity.

General Chemistry By Method SM2540 G 18TH ED MOD

Matrix:	SO	Batch ID:	GN64492

- Sample(s) JE4646-1DUP were used as the QC samples for the Solids, Percent analysis.

Matrix:	SO	Batch ID:	GN64500

- Sample(s) JE4646-2DUP were used as the QC samples for the Solids, Percent analysis.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JE4646
Account: EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY
Collected: 01/20/25 thru 01/21/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE4646-1	**S-1**					
3&4-Methylphenol [a]		748	560	230	ug/kg	SW846 8270E
Acenaphthylene [a]		225 J	280	140	ug/kg	SW846 8270E
Anthracene [a]		777	280	170	ug/kg	SW846 8270E
Benzo(a)anthracene [a]		1220	280	80	ug/kg	SW846 8270E
Benzo(a)pyrene [a]		1120	280	130	ug/kg	SW846 8270E
Benzo(b)fluoranthene [a]		1740	280	120	ug/kg	SW846 8270E
Benzo(g,h,i)perylene [a]		902	280	140	ug/kg	SW846 8270E
Benzo(k)fluoranthene [a]		594	280	130	ug/kg	SW846 8270E
1,1'-Biphenyl [a]		134 J	560	39	ug/kg	SW846 8270E
Carbazole [a]		270 J	560	41	ug/kg	SW846 8270E
Chrysene [a]		1730	280	89	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene [a]		235 J	280	120	ug/kg	SW846 8270E
Di-n-butyl phthalate [a]		161 J	560	46	ug/kg	SW846 8270E
bis(2-Ethylhexyl)phthalate [a]		9120	560	66	ug/kg	SW846 8270E
Fluoranthene [a]		4140	280	130	ug/kg	SW846 8270E
Fluorene [a]		835	280	130	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene [a]		671	280	130	ug/kg	SW846 8270E
2-Methylnaphthalene [a]		717	280	64	ug/kg	SW846 8270E
Naphthalene [a]		299	280	80	ug/kg	SW846 8270E
Phenanthrene [a]		4120	280	95	ug/kg	SW846 8270E
Pyrene [a]		3240	280	90	ug/kg	SW846 8270E
Aluminum		8990	140		mg/kg	SW846 6010D
Arsenic		72.6	5.7		mg/kg	SW846 6010D
Barium		1030	57		mg/kg	SW846 6010D
Cadmium		4.7	1.4		mg/kg	SW846 6010D
Calcium		44900	1400		mg/kg	SW846 6010D
Chromium		172	2.8		mg/kg	SW846 6010D
Copper		328	7.1		mg/kg	SW846 6010D
Iron		27900	140		mg/kg	SW846 6010D
Lead		1400	5.7		mg/kg	SW846 6010D
Magnesium		13700	1400		mg/kg	SW846 6010D
Manganese		233	4.3		mg/kg	SW846 6010D
Mercury		0.80	0.12		mg/kg	SW846 7471B
Nickel		57.0	11		mg/kg	SW846 6010D
Silver		2.0	1.4		mg/kg	SW846 6010D
Vanadium		54.9	14		mg/kg	SW846 6010D
Zinc		2270	28		mg/kg	SW846 6010D
JE4646-2	**S-2**					
Acenaphthene [a]		446	220	74	ug/kg	SW846 8270E
Acenaphthylene [a]		459	220	110	ug/kg	SW846 8270E
Anthracene [a]		1380	220	130	ug/kg	SW846 8270E

Summary of Hits

Job Number: JE4646
Account: EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY
Collected: 01/20/25 thru 01/21/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Benzo(a)anthracene [a]		3270	220	61	ug/kg	SW846 8270E
Benzo(a)pyrene [a]		2890	220	98	ug/kg	SW846 8270E
Benzo(b)fluoranthene [a]		4280	220	95	ug/kg	SW846 8270E
Benzo(g,h,i)perylene [a]		2290	220	110	ug/kg	SW846 8270E
Benzo(k)fluoranthene [a]		1790	220	100	ug/kg	SW846 8270E
1,1'-Biphenyl [a]		42.3 J	430	30	ug/kg	SW846 8270E
Benzaldehyde [a]		315 J	1100	53	ug/kg	SW846 8270E
Carbazole [a]		472	430	31	ug/kg	SW846 8270E
Chrysene [a]		4050	220	68	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene [a]		637	220	95	ug/kg	SW846 8270E
Dibenzofuran [a]		373 J	430	88	ug/kg	SW846 8270E
Di-n-butyl phthalate [a]		199 J	430	35	ug/kg	SW846 8270E
bis(2-Ethylhexyl)phthalate [a]		7630	430	50	ug/kg	SW846 8270E
Fluoranthene [a]		8440	220	96	ug/kg	SW846 8270E
Fluorene [a]		958	220	99	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene [a]		1810	220	100	ug/kg	SW846 8270E
2-Methylnaphthalene [a]		201 J	220	49	ug/kg	SW846 8270E
Naphthalene [a]		126 J	220	61	ug/kg	SW846 8270E
Phenanthrene [a]		5670	220	72	ug/kg	SW846 8270E
Pyrene [a]		6810	220	69	ug/kg	SW846 8270E
Aluminum		7380	120		mg/kg	SW846 6010D
Arsenic		74.3	4.6		mg/kg	SW846 6010D
Barium		1630	92		mg/kg	SW846 6010D
Cadmium		4.5	1.2		mg/kg	SW846 6010D
Calcium		20900	1200		mg/kg	SW846 6010D
Chromium		161	2.3		mg/kg	SW846 6010D
Copper		325	5.8		mg/kg	SW846 6010D
Iron		24300	120		mg/kg	SW846 6010D
Lead		1590	4.6		mg/kg	SW846 6010D
Magnesium		9150	1200		mg/kg	SW846 6010D
Manganese		180	3.5		mg/kg	SW846 6010D
Mercury		2.2	0.096		mg/kg	SW846 7471B
Nickel		49.2	9.2		mg/kg	SW846 6010D
Silver		1.9	1.2		mg/kg	SW846 6010D
Vanadium		43.1	12		mg/kg	SW846 6010D
Zinc		2370	23		mg/kg	SW846 6010D
JE4646-3	**S-3**					
Aluminum		5900	60		mg/kg	SW846 6010D
Arsenic		3.5	2.4		mg/kg	SW846 6010D
Barium		55.1	24		mg/kg	SW846 6010D
Beryllium		0.40	0.24		mg/kg	SW846 6010D
Calcium		10500	600		mg/kg	SW846 6010D
Chromium		13.7	1.2		mg/kg	SW846 6010D

Summary of Hits

Job Number: JE4646
Account: EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY
Collected: 01/20/25 thru 01/21/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Copper		23.1	3.0		mg/kg	SW846 6010D
Iron		18000	60		mg/kg	SW846 6010D
Lead		137	2.4		mg/kg	SW846 6010D
Magnesium		1970	600		mg/kg	SW846 6010D
Manganese		319	1.8		mg/kg	SW846 6010D
Mercury		0.49	0.031		mg/kg	SW846 7471B
Nickel		11.6	4.8		mg/kg	SW846 6010D
Vanadium		23.5	6.0		mg/kg	SW846 6010D
Zinc		54.5	6.0		mg/kg	SW846 6010D
JE4646-4	**S-5**					
Acenaphthene [a]		191	130	46	ug/kg	SW846 8270E
Acenaphthylene [a]		98.4 J	130	67	ug/kg	SW846 8270E
Anthracene [a]		416	130	81	ug/kg	SW846 8270E
Benzo(a)anthracene [a]		622	130	37	ug/kg	SW846 8270E
Benzo(a)pyrene [a]		579	130	60	ug/kg	SW846 8270E
Benzo(b)fluoranthene [a]		864	130	58	ug/kg	SW846 8270E
Benzo(g,h,i)perylene [a]		508	130	66	ug/kg	SW846 8270E
Benzo(k)fluoranthene [a]		325	130	62	ug/kg	SW846 8270E
Butyl benzyl phthalate [a]		269	260	32	ug/kg	SW846 8270E
1,1'-Biphenyl [a]		43.7 J	260	18	ug/kg	SW846 8270E
Benzaldehyde [a]		187 J	660	33	ug/kg	SW846 8270E
Carbazole [a]		105 J	260	19	ug/kg	SW846 8270E
Chrysene [a]		916	130	42	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene [a]		140	130	58	ug/kg	SW846 8270E
Dibenzofuran [a]		129 J	260	54	ug/kg	SW846 8270E
Di-n-butyl phthalate [a]		123 J	260	22	ug/kg	SW846 8270E
Di-n-octyl phthalate [a]		337	260	33	ug/kg	SW846 8270E
bis(2-Ethylhexyl)phthalate [a]		5260	260	31	ug/kg	SW846 8270E
Fluoranthene [a]		2190	130	59	ug/kg	SW846 8270E
Fluorene [a]		532	130	61	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene [a]		354	130	62	ug/kg	SW846 8270E
2-Methylnaphthalene [a]		194	130	30	ug/kg	SW846 8270E
Naphthalene [a]		65.3 J	130	37	ug/kg	SW846 8270E
Phenanthrene [a]		2670	130	44	ug/kg	SW846 8270E
Pyrene [a]		1750	130	42	ug/kg	SW846 8270E
JE4646-5	**BLIND DUP**					
3&4-Methylphenol [a]		286 J	340	140	ug/kg	SW846 8270E
Phenol [a]		592	340	88	ug/kg	SW846 8270E
Acenaphthylene [a]		151 J	170	86	ug/kg	SW846 8270E
Anthracene [a]		400	170	100	ug/kg	SW846 8270E
Benzo(a)anthracene [a]		796	170	48	ug/kg	SW846 8270E

Summary of Hits

Job Number: JE4646
Account: EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY
Collected: 01/20/25 thru 01/21/25

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Benzo(a)pyrene [a]	730	170	77	ug/kg	SW846 8270E
Benzo(b)fluoranthene [a]	1140	170	75	ug/kg	SW846 8270E
Benzo(g,h,i)perylene [a]	602	170	85	ug/kg	SW846 8270E
Benzo(k)fluoranthene [a]	408	170	79	ug/kg	SW846 8270E
1,1'-Biphenyl [a]	71.2 J	340	23	ug/kg	SW846 8270E
Carbazole [a]	135 J	340	25	ug/kg	SW846 8270E
Chrysene [a]	1130	170	53	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene [a]	155 J	170	75	ug/kg	SW846 8270E
Di-n-butyl phthalate [a]	146 J	340	28	ug/kg	SW846 8270E
bis(2-Ethylhexyl)phthalate [a]	5760	340	40	ug/kg	SW846 8270E
Fluoranthene [a]	2690	170	76	ug/kg	SW846 8270E
Fluorene [a]	607	170	78	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene [a]	461	170	79	ug/kg	SW846 8270E
2-Methylnaphthalene [a]	488	170	38	ug/kg	SW846 8270E
Naphthalene [a]	167 J	170	48	ug/kg	SW846 8270E
Phenanthrene [a]	2800	170	57	ug/kg	SW846 8270E
Pyrene [a]	2150	170	54	ug/kg	SW846 8270E
Aluminum	3770	87		mg/kg	SW846 6010D
Arsenic	63.4	3.5		mg/kg	SW846 6010D
Barium	344	35		mg/kg	SW846 6010D
Cadmium	1.5	0.87		mg/kg	SW846 6010D
Calcium	26300	870		mg/kg	SW846 6010D
Chromium	122	1.7		mg/kg	SW846 6010D
Copper	354	4.3		mg/kg	SW846 6010D
Iron	15700	87		mg/kg	SW846 6010D
Lead	463	3.5		mg/kg	SW846 6010D
Magnesium	11700	870		mg/kg	SW846 6010D
Manganese	93.1	2.6		mg/kg	SW846 6010D
Mercury	0.73	0.080		mg/kg	SW846 7471B
Nickel	22.2	7.0		mg/kg	SW846 6010D
Silver	1.1	0.87		mg/kg	SW846 6010D
Vanadium	27.4	8.7		mg/kg	SW846 6010D
Zinc	1010	8.7		mg/kg	SW846 6010D
JE4646-6 EQUIPMENT BLANK					
Diethyl phthalate	36.6	2.0	0.26	ug/l	SW846 8270E

(a) Elevated detection limit due to high final volume of viscous extract.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	S-1		
Lab Sample ID:	JE4646-1	**Date Sampled:**	01/21/25
Matrix:	SO - Soil	**Date Received:**	01/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	23.3
Project:	1301 Metropolitan Avenue, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	CJ10572.D	1	01/27/25 23:50	AO	01/27/25 12:00	OP61130	ECJ451
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	560	140	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	1400	170	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	1400	240	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	1400	500	ug/kg	
51-28-5	2,4-Dinitrophenol [b]	ND	1400	1100	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1400	300	ug/kg	
95-48-7	2-Methylphenol	ND	560	180	ug/kg	
	3&4-Methylphenol	748	560	230	ug/kg	
88-75-5	2-Nitrophenol	ND	1400	190	ug/kg	
100-02-7	4-Nitrophenol [b]	ND	2800	750	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	270	ug/kg	
108-95-2	Phenol	ND	560	150	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1400	190	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	1400	210	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	1400	170	ug/kg	
83-32-9	Acenaphthene	ND	280	97	ug/kg	
208-96-8	Acenaphthylene	225	280	140	ug/kg	J
98-86-2	Acetophenone	ND	1400	61	ug/kg	
120-12-7	Anthracene	777	280	170	ug/kg	
1912-24-9	Atrazine	ND	560	120	ug/kg	
56-55-3	Benzo(a)anthracene	1220	280	80	ug/kg	
50-32-8	Benzo(a)pyrene	1120	280	130	ug/kg	
205-99-2	Benzo(b)fluoranthene	1740	280	120	ug/kg	
191-24-2	Benzo(g,h,i)perylene	902	280	140	ug/kg	
207-08-9	Benzo(k)fluoranthene	594	280	130	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	560	110	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	560	69	ug/kg	
92-52-4	1,1'-Biphenyl	134	560	39	ug/kg	J
100-52-7	Benzaldehyde	ND	1400	70	ug/kg	
91-58-7	2-Chloronaphthalene	ND	560	67	ug/kg	
106-47-8	4-Chloroaniline	ND	1400	100	ug/kg	
86-74-8	Carbazole	270	560	41	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: S-1
Lab Sample ID: JE4646-1
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Date Sampled: 01/21/25
Date Received: 01/23/25
Percent Solids: 23.3

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	560	110	ug/kg	
218-01-9	Chrysene	1730	280	89	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	560	60	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	560	120	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	560	100	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	560	91	ug/kg	
121-14-2	2,4-Dinitrotoluene [b]	ND	280	88	ug/kg	
606-20-2	2,6-Dinitrotoluene [b]	ND	280	140	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	560	240	ug/kg	
123-91-1	1,4-Dioxane	ND	280	190	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	235	280	120	ug/kg	J
132-64-9	Dibenzofuran	ND	560	110	ug/kg	
84-74-2	Di-n-butyl phthalate	161	560	46	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	560	70	ug/kg	
84-66-2	Diethyl phthalate	ND	560	60	ug/kg	
131-11-3	Dimethyl phthalate	ND	560	50	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	9120	560	66	ug/kg	
206-44-0	Fluoranthene	4140	280	130	ug/kg	
86-73-7	Fluorene	835	280	130	ug/kg	
118-74-1	Hexachlorobenzene	ND	560	71	ug/kg	
87-68-3	Hexachlorobutadiene [b]	ND	280	110	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	2800	110	ug/kg	
67-72-1	Hexachloroethane	ND	1400	140	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	671	280	130	ug/kg	
78-59-1	Isophorone	ND	560	60	ug/kg	
91-57-6	2-Methylnaphthalene	717	280	64	ug/kg	
88-74-4	2-Nitroaniline	ND	1400	67	ug/kg	
99-09-2	3-Nitroaniline	ND	1400	71	ug/kg	
100-01-6	4-Nitroaniline	ND	1400	73	ug/kg	
91-20-3	Naphthalene	299	280	80	ug/kg	
98-95-3	Nitrobenzene	ND	560	110	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	560	82	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1400	100	ug/kg	
85-01-8	Phenanthrene	4120	280	95	ug/kg	
129-00-0	Pyrene	3240	280	90	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1400	72	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S-1		
Lab Sample ID:	JE4646-1	**Date Sampled:**	01/21/25
Matrix:	SO - Soil	**Date Received:**	01/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	23.3
Project:	1301 Metropolitan Avenue, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	50%		10-96%
118-79-6	2,4,6-Tribromophenol	54%		10-123%
4165-60-0	Nitrobenzene-d5	50%		10-109%
321-60-8	2-Fluorobiphenyl	53%		11-109%
1718-51-0	Terphenyl-d14	52%		10-120%

(a) Elevated detection limit due to high final volume of viscous extract.
(b) Associated CCV outside of control limits high, sample was ND.

Report of Analysis

Client Sample ID: S-1
Lab Sample ID: JE4646-1
Matrix: SO - Soil
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Date Sampled: 01/21/25
Date Received: 01/23/25
Percent Solids: 23.3

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8990	140	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 5.7	5.7	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	72.6	5.7	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	1030	57	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	< 0.57	0.57	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	4.7	1.4	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	44900	1400	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	172	2.8	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	< 14	14	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	328	7.1	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	27900	140	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	1400	5.7	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	13700	1400	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	233	4.3	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.80	0.12	mg/kg	1	01/27/25	01/27/25	MK	SW846 7471B [1]	SW846 7471B [5]
Nickel	57.0	11	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 2800	2800	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 5.7	5.7	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	2.0	1.4	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 2800	2800	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 2.8	2.8	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	54.9	14	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	2270	28	mg/kg	2	01/25/25	01/29/25	MM	SW846 6010D [3]	SW846 3050B [4]

(1) Instrument QC Batch: MA57768
(2) Instrument QC Batch: MA57770
(3) Instrument QC Batch: MA57795
(4) Prep QC Batch: MP52394
(5) Prep QC Batch: MP52404

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S-2		
Lab Sample ID:	JE4646-2	**Date Sampled:**	01/21/25
Matrix:	SO - Soil	**Date Received:**	01/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	28.3
Project:	1301 Metropolitan Avenue, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	CJ10573.D	1	01/28/25 00:08	AO	01/27/25 12:00	OP61130	ECJ451
Run #2							

	Initial Weight	Final Volume
Run #1	16.4 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	430	110	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	1100	130	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	1100	180	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	1100	380	ug/kg	
51-28-5	2,4-Dinitrophenol [b]	ND	1100	810	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1100	230	ug/kg	
95-48-7	2-Methylphenol	ND	430	140	ug/kg	
	3&4-Methylphenol	ND	430	180	ug/kg	
88-75-5	2-Nitrophenol	ND	1100	140	ug/kg	
100-02-7	4-Nitrophenol [b]	ND	2200	580	ug/kg	
87-86-5	Pentachlorophenol	ND	860	200	ug/kg	
108-95-2	Phenol	ND	430	110	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1100	140	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	1100	160	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	1100	130	ug/kg	
83-32-9	Acenaphthene	446	220	74	ug/kg	
208-96-8	Acenaphthylene	459	220	110	ug/kg	
98-86-2	Acetophenone	ND	1100	46	ug/kg	
120-12-7	Anthracene	1380	220	130	ug/kg	
1912-24-9	Atrazine	ND	430	92	ug/kg	
56-55-3	Benzo(a)anthracene	3270	220	61	ug/kg	
50-32-8	Benzo(a)pyrene	2890	220	98	ug/kg	
205-99-2	Benzo(b)fluoranthene	4280	220	95	ug/kg	
191-24-2	Benzo(g,h,i)perylene	2290	220	110	ug/kg	
207-08-9	Benzo(k)fluoranthene	1790	220	100	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	430	83	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	430	53	ug/kg	
92-52-4	1,1'-Biphenyl	42.3	430	30	ug/kg	J
100-52-7	Benzaldehyde	315	1100	53	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	430	51	ug/kg	
106-47-8	4-Chloroaniline	ND	1100	78	ug/kg	
86-74-8	Carbazole	472	430	31	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: S-2
Lab Sample ID: JE4646-2
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Date Sampled: 01/21/25
Date Received: 01/23/25
Percent Solids: 28.3

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	430	85	ug/kg	
218-01-9	Chrysene	4050	220	68	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	430	46	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	430	93	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	430	77	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	430	70	ug/kg	
121-14-2	2,4-Dinitrotoluene [b]	ND	220	67	ug/kg	
606-20-2	2,6-Dinitrotoluene [b]	ND	220	110	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	430	180	ug/kg	
123-91-1	1,4-Dioxane	ND	220	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	637	220	95	ug/kg	
132-64-9	Dibenzofuran	373	430	88	ug/kg	J
84-74-2	Di-n-butyl phthalate	199	430	35	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	430	54	ug/kg	
84-66-2	Diethyl phthalate	ND	430	46	ug/kg	
131-11-3	Dimethyl phthalate	ND	430	38	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	7630	430	50	ug/kg	
206-44-0	Fluoranthene	8440	220	96	ug/kg	
86-73-7	Fluorene	958	220	99	ug/kg	
118-74-1	Hexachlorobenzene	ND	430	55	ug/kg	
87-68-3	Hexachlorobutadiene [b]	ND	220	87	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	2200	86	ug/kg	
67-72-1	Hexachloroethane	ND	1100	110	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1810	220	100	ug/kg	
78-59-1	Isophorone	ND	430	46	ug/kg	
91-57-6	2-Methylnaphthalene	201	220	49	ug/kg	J
88-74-4	2-Nitroaniline	ND	1100	51	ug/kg	
99-09-2	3-Nitroaniline	ND	1100	54	ug/kg	
100-01-6	4-Nitroaniline	ND	1100	56	ug/kg	
91-20-3	Naphthalene	126	220	61	ug/kg	J
98-95-3	Nitrobenzene	ND	430	83	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	430	62	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1100	79	ug/kg	
85-01-8	Phenanthrene	5670	220	72	ug/kg	
129-00-0	Pyrene	6810	220	69	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1100	55	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	46%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S-2		
Lab Sample ID:	JE4646-2	**Date Sampled:**	01/21/25
Matrix:	SO - Soil	**Date Received:**	01/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	28.3
Project:	1301 Metropolitan Avenue, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	47%		10-96%
118-79-6	2,4,6-Tribromophenol	58%		10-123%
4165-60-0	Nitrobenzene-d5	49%		10-109%
321-60-8	2-Fluorobiphenyl	53%		11-109%
1718-51-0	Terphenyl-d14	49%		10-120%

(a) Elevated detection limit due to high final volume of viscous extract.
(b) Associated CCV outside of control limits high, sample was ND.

Report of Analysis

Client Sample ID: S-2
Lab Sample ID: JE4646-2
Matrix: SO - Soil
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Date Sampled: 01/21/25
Date Received: 01/23/25
Percent Solids: 28.3

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7380	120	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 4.6	4.6	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	74.3	4.6	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	1630	92	mg/kg	2	01/25/25	01/29/25	MM	SW846 6010D [3]	SW846 3050B [4]
Beryllium	< 0.46	0.46	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	4.5	1.2	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	20900	1200	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	161	2.3	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	< 12	12	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	325	5.8	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	24300	120	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	1590	4.6	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	9150	1200	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	180	3.5	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	2.2	0.096	mg/kg	1	01/27/25	01/27/25	MK	SW846 7471B [1]	SW846 7471B [5]
Nickel	49.2	9.2	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 2300	2300	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 4.6	4.6	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	1.9	1.2	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 2300	2300	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 2.3	2.3	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	43.1	12	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	2370	23	mg/kg	2	01/25/25	01/29/25	MM	SW846 6010D [3]	SW846 3050B [4]

(1) Instrument QC Batch: MA57768
(2) Instrument QC Batch: MA57770
(3) Instrument QC Batch: MA57795
(4) Prep QC Batch: MP52394
(5) Prep QC Batch: MP52404

RL = Reporting Limit

Report of Analysis

Client Sample ID: S-3
Lab Sample ID: JE4646-3
Matrix: SO - Soil
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Date Sampled: 01/20/25
Date Received: 01/23/25
Percent Solids: 87.2

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5900	60	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 2.4	2.4	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	3.5	2.4	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Barium	55.1	24	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.40	0.24	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.60	0.60	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Calcium	10500	600	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Chromium	13.7	1.2	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	< 6.0	6.0	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Copper	23.1	3.0	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Iron	18000	60	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Lead	137	2.4	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	1970	600	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Manganese	319	1.8	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Mercury	0.49	0.031	mg/kg	1	01/27/25	01/27/25	MK	SW846 7471B [1]	SW846 7471B [4]
Nickel	11.6	4.8	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Potassium	< 1200	1200	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 2.4	2.4	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.60	0.60	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1200	1200	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 1.2	1.2	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	23.5	6.0	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Zinc	54.5	6.0	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA57768
(2) Instrument QC Batch: MA57770
(3) Prep QC Batch: MP52394
(4) Prep QC Batch: MP52404

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: S-5
Lab Sample ID: JE4646-4
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Date Sampled: 01/21/25
Date Received: 01/23/25
Percent Solids: 49.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	CJ10574.D	1	01/28/25 00:26	AO	01/27/25 12:00	OP61130	ECJ451
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	260	65	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	660	81	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	660	110	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	660	240	ug/kg	
51-28-5	2,4-Dinitrophenol [b]	ND	660	500	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	660	140	ug/kg	
95-48-7	2-Methylphenol	ND	260	84	ug/kg	
	3&4-Methylphenol	ND	260	110	ug/kg	
88-75-5	2-Nitrophenol	ND	660	87	ug/kg	
100-02-7	4-Nitrophenol [b]	ND	1300	350	ug/kg	
87-86-5	Pentachlorophenol	ND	530	120	ug/kg	
108-95-2	Phenol	ND	260	69	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	660	87	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	660	99	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	660	79	ug/kg	
83-32-9	Acenaphthene	191	130	46	ug/kg	
208-96-8	Acenaphthylene	98.4	130	67	ug/kg	J
98-86-2	Acetophenone	ND	660	28	ug/kg	
120-12-7	Anthracene	416	130	81	ug/kg	
1912-24-9	Atrazine	ND	260	57	ug/kg	
56-55-3	Benzo(a)anthracene	622	130	37	ug/kg	
50-32-8	Benzo(a)pyrene	579	130	60	ug/kg	
205-99-2	Benzo(b)fluoranthene	864	130	58	ug/kg	
191-24-2	Benzo(g,h,i)perylene	508	130	66	ug/kg	
207-08-9	Benzo(k)fluoranthene	325	130	62	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	260	51	ug/kg	
85-68-7	Butyl benzyl phthalate	269	260	32	ug/kg	
92-52-4	1,1'-Biphenyl	43.7	260	18	ug/kg	J
100-52-7	Benzaldehyde	187	660	33	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	260	31	ug/kg	
106-47-8	4-Chloroaniline	ND	660	48	ug/kg	
86-74-8	Carbazole	105	260	19	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: S-5
Lab Sample ID: JE4646-4
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Date Sampled: 01/21/25
Date Received: 01/23/25
Percent Solids: 49.5

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	260	52	ug/kg	
218-01-9	Chrysene	916	130	42	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	260	28	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	260	57	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	260	47	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	260	43	ug/kg	
121-14-2	2,4-Dinitrotoluene [b]	ND	130	41	ug/kg	
606-20-2	2,6-Dinitrotoluene [b]	ND	130	66	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	260	110	ug/kg	
123-91-1	1,4-Dioxane	ND	130	87	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	140	130	58	ug/kg	
132-64-9	Dibenzofuran	129	260	54	ug/kg	J
84-74-2	Di-n-butyl phthalate	123	260	22	ug/kg	J
117-84-0	Di-n-octyl phthalate	337	260	33	ug/kg	
84-66-2	Diethyl phthalate	ND	260	28	ug/kg	
131-11-3	Dimethyl phthalate	ND	260	24	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	5260	260	31	ug/kg	
206-44-0	Fluoranthene	2190	130	59	ug/kg	
86-73-7	Fluorene	532	130	61	ug/kg	
118-74-1	Hexachlorobenzene	ND	260	33	ug/kg	
87-68-3	Hexachlorobutadiene [b]	ND	130	53	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1300	53	ug/kg	
67-72-1	Hexachloroethane	ND	660	65	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	354	130	62	ug/kg	
78-59-1	Isophorone	ND	260	28	ug/kg	
91-57-6	2-Methylnaphthalene	194	130	30	ug/kg	
88-74-4	2-Nitroaniline	ND	660	31	ug/kg	
99-09-2	3-Nitroaniline	ND	660	33	ug/kg	
100-01-6	4-Nitroaniline	ND	660	34	ug/kg	
91-20-3	Naphthalene	65.3	130	37	ug/kg	J
98-95-3	Nitrobenzene	ND	260	51	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	260	38	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	660	48	ug/kg	
85-01-8	Phenanthrene	2670	130	44	ug/kg	
129-00-0	Pyrene	1750	130	42	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	660	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	63%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S-5		
Lab Sample ID:	JE4646-4	**Date Sampled:**	01/21/25
Matrix:	SO - Soil	**Date Received:**	01/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	49.5
Project:	1301 Metropolitan Avenue, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	64%		10-96%
118-79-6	2,4,6-Tribromophenol	76%		10-123%
4165-60-0	Nitrobenzene-d5	63%		10-109%
321-60-8	2-Fluorobiphenyl	71%		11-109%
1718-51-0	Terphenyl-d14	64%		10-120%

(a) Elevated detection limit due to high final volume of viscous extract.
(b) Associated CCV outside of control limits high, sample was ND.

SGS North America Inc.

Report of Analysis

Client Sample ID:	BLIND DUP		
Lab Sample ID:	JE4646-5	**Date Sampled:**	01/21/25
Matrix:	SO - Soil	**Date Received:**	01/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	38.1
Project:	1301 Metropolitan Avenue, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	CJ10575.D	1	01/28/25 00:43	AO	01/27/25 12:00	OP61130	ECJ451
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	340	84	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	850	100	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	850	140	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	850	300	ug/kg	
51-28-5	2,4-Dinitrophenol [b]	ND	850	640	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	850	180	ug/kg	
95-48-7	2-Methylphenol	ND	340	110	ug/kg	
	3&4-Methylphenol	286	340	140	ug/kg	J
88-75-5	2-Nitrophenol	ND	850	110	ug/kg	
100-02-7	4-Nitrophenol [b]	ND	1700	450	ug/kg	
87-86-5	Pentachlorophenol	ND	680	160	ug/kg	
108-95-2	Phenol	592	340	88	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	850	110	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	850	130	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	850	100	ug/kg	
83-32-9	Acenaphthene	ND	170	58	ug/kg	
208-96-8	Acenaphthylene	151	170	86	ug/kg	J
98-86-2	Acetophenone	ND	850	36	ug/kg	
120-12-7	Anthracene	400	170	100	ug/kg	
1912-24-9	Atrazine	ND	340	72	ug/kg	
56-55-3	Benzo(a)anthracene	796	170	48	ug/kg	
50-32-8	Benzo(a)pyrene	730	170	77	ug/kg	
205-99-2	Benzo(b)fluoranthene	1140	170	75	ug/kg	
191-24-2	Benzo(g,h,i)perylene	602	170	85	ug/kg	
207-08-9	Benzo(k)fluoranthene	408	170	79	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	340	65	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	41	ug/kg	
92-52-4	1,1'-Biphenyl	71.2	340	23	ug/kg	J
100-52-7	Benzaldehyde	ND	850	42	ug/kg	
91-58-7	2-Chloronaphthalene	ND	340	40	ug/kg	
106-47-8	4-Chloroaniline	ND	850	61	ug/kg	
86-74-8	Carbazole	135	340	25	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BLIND DUP
Lab Sample ID: JE4646-5
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Date Sampled: 01/21/25
Date Received: 01/23/25
Percent Solids: 38.1

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	340	67	ug/kg	
218-01-9	Chrysene	1130	170	53	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	340	36	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	340	73	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	340	61	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	340	55	ug/kg	
121-14-2	2,4-Dinitrotoluene [b]	ND	170	52	ug/kg	
606-20-2	2,6-Dinitrotoluene [b]	ND	170	85	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	140	ug/kg	
123-91-1	1,4-Dioxane	ND	170	110	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	155	170	75	ug/kg	J
132-64-9	Dibenzofuran	ND	340	69	ug/kg	
84-74-2	Di-n-butyl phthalate	146	340	28	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	340	42	ug/kg	
84-66-2	Diethyl phthalate	ND	340	36	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	30	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	5760	340	40	ug/kg	
206-44-0	Fluoranthene	2690	170	76	ug/kg	
86-73-7	Fluorene	607	170	78	ug/kg	
118-74-1	Hexachlorobenzene	ND	340	43	ug/kg	
87-68-3	Hexachlorobutadiene [b]	ND	170	68	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1700	67	ug/kg	
67-72-1	Hexachloroethane	ND	850	84	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	461	170	79	ug/kg	
78-59-1	Isophorone	ND	340	36	ug/kg	
91-57-6	2-Methylnaphthalene	488	170	38	ug/kg	
88-74-4	2-Nitroaniline	ND	850	40	ug/kg	
99-09-2	3-Nitroaniline	ND	850	42	ug/kg	
100-01-6	4-Nitroaniline	ND	850	44	ug/kg	
91-20-3	Naphthalene	167	170	48	ug/kg	J
98-95-3	Nitrobenzene	ND	340	65	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	340	49	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	850	62	ug/kg	
85-01-8	Phenanthrene	2800	170	57	ug/kg	
129-00-0	Pyrene	2150	170	54	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	850	43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BLIND DUP		
Lab Sample ID:	JE4646-5	**Date Sampled:**	01/21/25
Matrix:	SO - Soil	**Date Received:**	01/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	38.1
Project:	1301 Metropolitan Avenue, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	37%		10-96%
118-79-6	2,4,6-Tribromophenol	39%		10-123%
4165-60-0	Nitrobenzene-d5	36%		10-109%
321-60-8	2-Fluorobiphenyl	40%		11-109%
1718-51-0	Terphenyl-d14	37%		10-120%

(a) Elevated detection limit due to high final volume of viscous extract.
(b) Associated CCV outside of control limits high, sample was ND.

Report of Analysis

Client Sample ID: BLIND DUP
Lab Sample ID: JE4646-5
Matrix: SO - Soil
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Date Sampled: 01/21/25
Date Received: 01/23/25
Percent Solids: 38.1

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3770	87	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 3.5	3.5	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	63.4	3.5	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Barium	344	35	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	< 0.35	0.35	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	1.5	0.87	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Calcium	26300	870	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Chromium	122	1.7	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	< 8.7	8.7	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Copper	354	4.3	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Iron	15700	87	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Lead	463	3.5	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	11700	870	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Manganese	93.1	2.6	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Mercury	0.73	0.080	mg/kg	1	01/27/25	01/27/25	MK	SW846 7471B [1]	SW846 7471B [4]
Nickel	22.2	7.0	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Potassium	< 1700	1700	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 3.5	3.5	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Silver	1.1	0.87	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1700	1700	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 1.7	1.7	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	27.4	8.7	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]
Zinc	1010	8.7	mg/kg	1	01/25/25	01/27/25	MM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA57768
(2) Instrument QC Batch: MA57770
(3) Prep QC Batch: MP52394
(4) Prep QC Batch: MP52404

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: EQUIPMENT BLANK
Lab Sample ID: JE4646-6
Matrix: AQ - Equipment Blank
Method: SW846 8270E SW846 3510C
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Date Sampled: 01/21/25
Date Received: 01/23/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F224245.D	1	01/28/25 12:10	KH	01/27/25 10:00	OP61138	EF9960
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.82	ug/l	
59-50-7	4-Chloro-3-methyl phenol [a]	ND	5.0	0.89	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol [a]	ND	5.0	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	5.0	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
88-75-5	2-Nitrophenol [a]	ND	5.0	0.96	ug/l	
100-02-7	4-Nitrophenol [a]	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.4	ug/l	
108-95-2	Phenol [a]	ND	2.0	0.39	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.92	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
98-86-2	Acetophenone	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
1912-24-9	Atrazine	ND	2.0	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.29	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate [a]	ND	2.0	0.46	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.21	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EQUIPMENT BLANK
Lab Sample ID: JE4646-6
Matrix: AQ - Equipment Blank
Method: SW846 8270E SW846 3510C
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Date Sampled: 01/21/25
Date Received: 01/23/25
Percent Solids: n/a

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.65	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene [a]	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.66	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.22	ug/l	
84-74-2	Di-n-butyl phthalate [a]	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate [a]	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	36.6	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate [a]	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.21	ug/l	
88-74-4	2-Nitroaniline [a]	ND	5.0	0.28	ug/l	
99-09-2	3-Nitroaniline [a]	ND	5.0	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.44	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene [a]	ND	2.0	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.37	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	48%		10-71%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE4646-6	**Date Sampled:**	01/21/25
Matrix:	AQ - Equipment Blank	**Date Received:**	01/23/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	1301 Metropolitan Avenue, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	24%		10-58%
118-79-6	2,4,6-Tribromophenol	83%		22-144%
4165-60-0	Nitrobenzene-d5	111%		28-118%
321-60-8	2-Fluorobiphenyl	89%		34-116%
1718-51-0	Terphenyl-d14	99%		10-127%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EQUIPMENT BLANK
Lab Sample ID: JE4646-6
Matrix: AQ - Equipment Blank
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Date Sampled: 01/21/25
Date Received: 01/23/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Antimony	< 6.0	6.0	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Arsenic	< 3.0	3.0	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Barium	< 200	200	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Calcium	< 5000	5000	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Copper	< 10	10	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Iron	< 100	100	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Lead	< 3.0	3.0	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Magnesium	< 5000	5000	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Manganese	< 15	15	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	01/27/25	01/27/25	MK	SW846 7470A [1]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Potassium	< 10000	10000	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Sodium	< 10000	10000	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Thallium	< 10	10	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	01/25/25	01/27/25	KP	SW846 6010D [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA57767
(2) Instrument QC Batch: MA57769
(3) Prep QC Batch: MP52380
(4) Prep QC Batch: MP52401

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

SO
WEB

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

Page 1 of 1

FED-EX Tracking #
Bottle Order Control # VP-022824-105
SGS Quote #
SGS Job # JE4646

Client / Reporting Information

Company Name: Envirotrac LTD
Street Address: 5 old dock Rd
City: Yaphank State: NY Zip: 11980
Project Contact: Mike Allegro E-mail: mikeallegro@envirotrac.com
Phone #: (631) 924-3001
Sampler(s) Name(s): Dylan McCarrell Phone #:

Project Information

Project Name: 1301 metro pol; tan Ave, Brooklyn NY
Street: 1301 metro
City: Brooklyn State: NY
Project #:
Client Purchase Order #:
Project Manager: Mike Allegro
Attention:

Billing Information (if different from Report to)

Company Name: N/A
Street Address:
City State Zip:

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB-Equipment Blank; RB - Rinse Blank; TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	Number of Bottles: # of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)														LAB USE ONLY
																		SVOC's 8260	TAL metals													
1	S-1 (MS/MSD)		1/21/25	10:14	DM	G		SO	3					X				X	X													
2	S-2		1/21/25	9:30	DM	G		SO	1					X				X	X													
3	S-3		1/20/25	10:50	DM	G		SO	1					X					X													
4	S-5		1/21/25	10:55	DM	G		SO	1					X				X														
5	Blind Dup		1/21/25	9:35	DM	G		SO	1					X				X	X													
6	Equipment Blank		1/21/25	12:00	DM			DI	3				X	X				X	X													

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- [X] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via SGS Engage

* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [X] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [X] EDD Format

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Initial Assessment QA NJ
Label Verification

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		1/23/15:02	1 OW 1/23/25 1500	2 OW 1/23/25	1700	2
3			3	4		4
5			5	Custody Seal #		

Custody Seal #: [ ] Intact [ ] Not intact [ ] Absent
Therm ID: See Sample Receipt Summary
On Ice: [X] 1.3
Cooler Temp. °C

EHSA-QAC-0023-05 Rev.Date:8/5/22

JE4646: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: je4646 **Client:** ENVIROTRAC **Project:** 1301 METROPOLITAN AVENUE, BROOKL

Date / Time Received: 1/23/2025 **Delivery Method:** SGS COURIER **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.3);

Cooler Temps (Corrected) °C: Cooler 1: (1.7);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JE4646: Chain of Custody
Page 2 of 2

Internal Sample Tracking Chronicle

EnviroTrac Ltd.

1301 Metropolitan Avenue, Brooklyn, NY

Job No: JE4646

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JE4646-1 S-1	Collected: 21-JAN-25 10:14 By: DM		Received: 23-JAN-25 By: JW			
JE4646-1	SM2540 G 18TH ED MOD.	27-JAN-25 09:59	DP			SOL104
JE4646-1	SW846 7471B	27-JAN-25 12:39	MK	27-JAN-25	MK	HG
JE4646-1	SW846 6010D	27-JAN-25 13:23	MM	25-JAN-25	SK	AG,AL,AS,BA,BE,CA,CD,CO,CR,CU,FE,K,MG,MN,NA,NI,PB,SB,SE,TL,V
JE4646-1	SW846 8270E	27-JAN-25 23:50	AO	27-JAN-25	EB	AB8270TCL20
JE4646-1	SW846 6010D	29-JAN-25 22:03	MM	25-JAN-25	SK	ZN
JE4646-2 S-2	Collected: 21-JAN-25 09:30 By: DM		Received: 23-JAN-25 By: JW			
JE4646-2	SM2540 G 18TH ED MOD.	27-JAN-25 11:18	DP			SOL104
JE4646-2	SW846 7471B	27-JAN-25 12:41	MK	27-JAN-25	MK	HG
JE4646-2	SW846 6010D	27-JAN-25 13:37	MM	25-JAN-25	SK	AG,AL,AS,BE,CA,CD,CO,CR,CU,FE,K,MG,MN,NA,NI,PB,SB,SE,TL,V
JE4646-2	SW846 8270E	28-JAN-25 00:08	AO	27-JAN-25	EB	AB8270TCL20
JE4646-2	SW846 6010D	29-JAN-25 22:13	MM	25-JAN-25	SK	BA,ZN
JE4646-3 S-3	Collected: 20-JAN-25 10:50 By: DM		Received: 23-JAN-25 By: JW			
JE4646-3	SM2540 G 18TH ED MOD.	27-JAN-25 11:18	DP			SOL104
JE4646-3	SW846 7471B	27-JAN-25 12:43	MK	27-JAN-25	MK	HG
JE4646-3	SW846 6010D	27-JAN-25 13:42	MM	25-JAN-25	SK	AG,AL,AS,BA,BE,CA,CD,CO,CR,CU,FE,K,MG,MN,NA,NI,PB,SB,SE,TL,V,ZN
JE4646-4 S-5	Collected: 21-JAN-25 10:55 By: DM		Received: 23-JAN-25 By: JW			
JE4646-4	SM2540 G 18TH ED MOD.	27-JAN-25 09:59	DP			SOL104
JE4646-4	SW846 8270E	28-JAN-25 00:26	AO	27-JAN-25	EB	AB8270TCL20
JE4646-5 BLIND DUP	Collected: 21-JAN-25 09:35 By: DM		Received: 23-JAN-25 By: JW			

Internal Sample Tracking Chronicle

EnviroTrac Ltd.

Job No: JE4646

1301 Metropolitan Avenue, Brooklyn, NY

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JE4646-5	SM2540 G 18TH ED MOD.	27-JAN-25 11:18	DP			SOL104
JE4646-5	SW846 7471B	27-JAN-25 12:45	MK	27-JAN-25	MK	HG
JE4646-5	SW846 6010D	27-JAN-25 13:47	MM	25-JAN-25	SK	AG,AL,AS,BA,BE,CA,CD,CO,CR,CU,FE,K,MG,MN,NA,NI,PB,SB,SE,TL,V,ZN
JE4646-5	SW846 8270E	28-JAN-25 00:43	AO	27-JAN-25	EB	AB8270TCL20
JE4646-6	Collected: 21-JAN-25 12:00 By: DM		Received: 23-JAN-25 By: JW			
EQUIPMENT BLANK						
JE4646-6	SW846 7470A	27-JAN-25 15:59	MK	27-JAN-25	MK	HG
JE4646-6	SW846 6010D	27-JAN-25 22:23	KP	25-JAN-25	SK	AG,AL,AS,BA,BE,CA,CD,CO,CR,CU,FE,K,MG,MN,NA,NI,PB,SB,SE,TL,V,ZN
JE4646-6	SW846 8270E	28-JAN-25 12:10	KH	27-JAN-25	GA	AB8270TCL20

SGS Internal Chain of Custody

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY
Received: 01/23/25

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JE4646-1.1	Benny Liem	Secured Storage	01/24/25 19:13	Return to Storage
JE4646-1.1	Secured Storage	Marcin Kotowski	01/27/25 09:17	Retrieve from Storage
JE4646-1.1	Secured Storage	Ellen Dondeo	01/27/25 09:27	Retrieve from Storage
Analyst unavailable for custody transfer.				
JE4646-1.1	Ellen Dondeo	Erin Burke	01/27/25 09:27	Custody Transfer
JE4646-1.1	Erin Burke	Odalis Rodriguez	01/28/25 08:38	Custody Transfer
JE4646-1.1	Odalis Rodriguez	Secured Storage	01/31/25 06:48	Return to Storage
JE4646-1.1.1	Erin Burke	Organics Prep	01/27/25 09:28	Extract from JE4646-1.1
JE4646-1.1.1	Organics Prep	Erin Burke	01/27/25 16:41	Extract from JE4646-1.1
JE4646-1.1.1	Erin Burke	Extract Storage	01/27/25 16:41	Return to Storage
JE4646-1.2	Benny Liem	Secured Storage	01/24/25 19:13	Return to Storage
JE4646-1.3	Benny Liem	Secured Storage	01/24/25 19:13	Return to Storage
JE4646-1.3	Secured Storage	Sena Kim	01/25/25 12:08	Retrieve from Storage
JE4646-1.3	Sena Kim	Secured Storage	01/25/25 14:51	Return to Storage
JE4646-1.3	Secured Storage	Todd Shoemaker	01/27/25 09:28	Retrieve from Storage
JE4646-1.3	Todd Shoemaker	Secured Staging Area	01/27/25 09:29	Return to Storage
JE4646-1.3	Secured Staging Area	Dhaval Patel	01/27/25 09:49	Retrieve from Storage
JE4646-1.3	Dhaval Patel	Secured Storage	01/27/25 11:31	Return to Storage
JE4646-2.1	Benny Liem	Secured Storage	01/24/25 19:13	Return to Storage
JE4646-2.1	Secured Storage	Sena Kim	01/25/25 12:08	Retrieve from Storage
JE4646-2.1	Sena Kim	Secured Storage	01/25/25 14:51	Return to Storage
JE4646-2.1	Secured Storage	Marcin Kotowski	01/27/25 09:17	Retrieve from Storage
JE4646-2.1	Secured Storage	Ellen Dondeo	01/27/25 09:27	Retrieve from Storage
Analyst unavailable for custody transfer.				
JE4646-2.1	Ellen Dondeo	Erin Burke	01/27/25 09:27	Custody Transfer
JE4646-2.1	Erin Burke	Odalis Rodriguez	01/28/25 08:38	Custody Transfer
JE4646-2.1	Odalis Rodriguez	Secured Storage	01/31/25 06:48	Return to Storage
JE4646-2.1.1	Erin Burke	Organics Prep	01/27/25 09:28	Extract from JE4646-2.1
JE4646-2.1.1	Organics Prep	Erin Burke	01/27/25 16:41	Extract from JE4646-2.1
JE4646-2.1.1	Erin Burke	Extract Storage	01/27/25 16:41	Return to Storage
JE4646-3.1	Benny Liem	Secured Storage	01/24/25 19:13	Return to Storage
JE4646-3.1	Secured Storage	Sena Kim	01/25/25 12:08	Retrieve from Storage
JE4646-3.1	Sena Kim	Secured Storage	01/25/25 14:51	Return to Storage
JE4646-3.1	Secured Storage	Marcin Kotowski	01/27/25 09:17	Retrieve from Storage
JE4646-3.1	Marcin Kotowski	Secured Storage	01/27/25 12:05	Return to Storage
JE4646-4.1	Benny Liem	Secured Storage	01/24/25 19:13	Return to Storage
JE4646-4.1	Secured Storage	Todd Shoemaker	01/27/25 09:28	Retrieve from Storage

SGS Internal Chain of Custody

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY
Received: 01/23/25

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JE4646-4.1	Todd Shoemaker	Secured Staging Area	01/27/25 09:29	Return to Storage
JE4646-4.1	Secured Staging Area	Dhaval Patel	01/27/25 09:49	Retrieve from Storage
JE4646-4.1	Secured Storage	Ellen Dondeo	01/27/25 10:20	Retrieve from Storage
Analyst unavailable for custody transfer.				
JE4646-4.1	Ellen Dondeo	Erin Burke	01/27/25 10:21	Custody Transfer
JE4646-4.1	Erin Burke	Odalis Rodriguez	01/28/25 08:38	Custody Transfer
JE4646-4.1	Odalis Rodriguez	Secured Storage	01/31/25 06:48	Return to Storage
JE4646-4.1.1	Erin Burke	Organics Prep	01/27/25 10:21	Extract from JE4646-4.1
JE4646-4.1.1	Organics Prep	Erin Burke	01/27/25 16:41	Extract from JE4646-4.1
JE4646-4.1.1	Erin Burke	Extract Storage	01/27/25 16:41	Return to Storage
JE4646-5.1	Benny Liem	Secured Storage	01/24/25 19:13	Return to Storage
JE4646-5.1	Secured Storage	Sena Kim	01/25/25 12:08	Retrieve from Storage
JE4646-5.1	Sena Kim	Secured Storage	01/25/25 14:51	Return to Storage
JE4646-5.1	Secured Storage	Marcin Kotowski	01/27/25 09:17	Retrieve from Storage
JE4646-5.1	Secured Storage	Ellen Dondeo	01/27/25 09:27	Retrieve from Storage
Analyst unavailable for custody transfer.				
JE4646-5.1	Ellen Dondeo	Erin Burke	01/27/25 09:27	Custody Transfer
JE4646-5.1	Erin Burke	Odalis Rodriguez	01/28/25 08:38	Custody Transfer
JE4646-5.1	Odalis Rodriguez	Secured Storage	01/31/25 06:48	Return to Storage
JE4646-5.1.1	Erin Burke	Organics Prep	01/27/25 09:28	Extract from JE4646-5.1
JE4646-5.1.1	Organics Prep	Erin Burke	01/27/25 16:41	Extract from JE4646-5.1
JE4646-5.1.1	Erin Burke	Extract Storage	01/27/25 16:41	Return to Storage
JE4646-6.1	Nis Patel	Secured Storage	01/24/25 19:37	Return to Storage
JE4646-6.2	Nis Patel	Secured Storage	01/24/25 19:37	Return to Storage
JE4646-6.2	Secured Storage	Doaa Salem	01/27/25 08:52	Retrieve from Storage
JE4646-6.2	Doaa Salem		01/28/25 13:29	Depleted
JE4646-6.2.1	Doaa Salem	Organics Prep	01/27/25 08:52	Extract from JE4646-6.2
JE4646-6.2.1	Organics Prep	George Aymes	01/27/25 22:12	Extract from JE4646-6.2
JE4646-6.2.1	George Aymes	Extract Storage	01/27/25 22:12	Return to Storage
JE4646-6.3	Nis Patel	Secured Storage	01/24/25 19:37	Return to Storage
JE4646-6.3	Secured Storage	Dave Hunkele	01/25/25 10:03	Retrieve from Storage
JE4646-6.3	Dave Hunkele	Secured Staging Area	01/25/25 10:04	Return to Storage
JE4646-6.3	Secured Staging Area	Sena Kim	01/25/25 10:10	Retrieve from Storage
JE4646-6.3	Sena Kim	Secured Storage	01/25/25 14:51	Return to Storage
JE4646-6.3	Secured Storage	Marcin Kotowski	01/27/25 08:46	Retrieve from Storage
JE4646-6.3	Marcin Kotowski	Secured Storage	01/27/25 12:05	Return to Storage

MS Semi-volatiles

6

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries
- Run Sequence Reports

Method Blank Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61138-MB1	F224239.D	1	01/28/25	KH	01/27/25	OP61138	EF9960

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-6

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.82	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.89	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol	ND	5.0	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	5.0	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.96	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.39	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.92	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
98-86-2	Acetophenone	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
1912-24-9	Atrazine	ND	2.0	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.29	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.21	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	
105-60-2	Caprolactam	ND	2.0	0.65	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	

Method Blank Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61138-MB1	F224239.D	1	01/28/25	KH	01/27/25	OP61138	EF9960

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-6

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.66	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.22	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.21	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.44	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.37	ug/l	

Method Blank Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61138-MB1	F224239.D	1	01/28/25	KH	01/27/25	OP61138	EF9960

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-6

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	49%	10-71%
4165-62-2	Phenol-d5	24%	10-58%
118-79-6	2,4,6-Tribromophenol	76%	22-144%
4165-60-0	Nitrobenzene-d5	113%	28-118%
321-60-8	2-Fluorobiphenyl	92%	34-116%
1718-51-0	Terphenyl-d14	96%	10-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	System artifact	4.05	5	ug/l	J
	System artifact	4.08	58	ug/l	J
	System artifact	4.13	5.5	ug/l	J
	Unknown	13.34	4.4	ug/l	J
	Total TIC, Semi-Volatile		4.4	ug/l	J

Method Blank Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61130-MB1	CJ10553.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-1, JE4646-2, JE4646-4, JE4646-5

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	67	16	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	20	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	28	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	59	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	36	ug/kg	
95-48-7	2-Methylphenol	ND	67	21	ug/kg	
	3&4-Methylphenol	ND	67	27	ug/kg	
88-75-5	2-Nitrophenol	ND	170	22	ug/kg	
100-02-7	4-Nitrophenol	ND	330	89	ug/kg	
87-86-5	Pentachlorophenol	ND	130	31	ug/kg	
108-95-2	Phenol	ND	67	17	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	22	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	25	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	20	ug/kg	
83-32-9	Acenaphthene	ND	33	11	ug/kg	
208-96-8	Acenaphthylene	ND	33	17	ug/kg	
98-86-2	Acetophenone	ND	170	7.2	ug/kg	
120-12-7	Anthracene	ND	33	20	ug/kg	
1912-24-9	Atrazine	ND	67	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	9.4	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	67	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	67	8.1	ug/kg	
92-52-4	1,1'-Biphenyl	ND	67	4.6	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.3	ug/kg	
91-58-7	2-Chloronaphthalene	ND	67	7.9	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	67	4.8	ug/kg	
105-60-2	Caprolactam	ND	67	13	ug/kg	
218-01-9	Chrysene	ND	33	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	67	7.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	67	14	ug/kg	

Method Blank Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61130-MB1	CJ10553.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-1, JE4646-2, JE4646-4, JE4646-5

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	67	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	67	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	33	10	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	33	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	67	28	ug/kg	
123-91-1	1,4-Dioxane	ND	33	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	15	ug/kg	
132-64-9	Dibenzofuran	ND	67	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	67	5.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	67	8.3	ug/kg	
84-66-2	Diethyl phthalate	ND	67	7.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	67	5.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	67	7.8	ug/kg	
206-44-0	Fluoranthene	ND	33	15	ug/kg	
86-73-7	Fluorene	ND	33	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	67	8.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	13	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	330	13	ug/kg	
67-72-1	Hexachloroethane	ND	170	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	16	ug/kg	
78-59-1	Isophorone	ND	67	7.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	33	7.5	ug/kg	
88-74-4	2-Nitroaniline	ND	170	7.9	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.3	ug/kg	
100-01-6	4-Nitroaniline	ND	170	8.6	ug/kg	
91-20-3	Naphthalene	ND	33	9.4	ug/kg	
98-95-3	Nitrobenzene	ND	67	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	67	9.6	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	12	ug/kg	
85-01-8	Phenanthrene	ND	33	11	ug/kg	
129-00-0	Pyrene	ND	33	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.5	ug/kg	

Method Blank Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61130-MB1	CJ10553.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-1, JE4646-2, JE4646-4, JE4646-5

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	78%	10-99%
4165-62-2	Phenol-d5	76%	10-96%
118-79-6	2,4,6-Tribromophenol	89%	10-123%
4165-60-0	Nitrobenzene-d5	75%	10-109%
321-60-8	2-Fluorobiphenyl	82%	11-109%
1718-51-0	Terphenyl-d14	84%	10-120%

Blank Spike Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61130-BS1	CJ10554.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-1, JE4646-2, JE4646-4, JE4646-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1670	1150	69	10-135
59-50-7	4-Chloro-3-methyl phenol	1670	1490	89	10-141
120-83-2	2,4-Dichlorophenol	1670	1370	82	10-139
105-67-9	2,4-Dimethylphenol	1670	1380	83	10-141
51-28-5	2,4-Dinitrophenol	3330	3030	91	10-138
534-52-1	4,6-Dinitro-o-cresol	1670	1540	92	10-156
95-48-7	2-Methylphenol	1670	1230	74	10-139
	3&4-Methylphenol	3330	2500	75	10-174
88-75-5	2-Nitrophenol	1670	1400	84	10-142
100-02-7	4-Nitrophenol	1670	1690	101	10-144
87-86-5	Pentachlorophenol	3330	2790	84	10-165
108-95-2	Phenol	1670	1220	73	23-115
58-90-2	2,3,4,6-Tetrachlorophenol	1670	1500	90	10-146
95-95-4	2,4,5-Trichlorophenol	1670	1500	90	13-136
88-06-2	2,4,6-Trichlorophenol	1670	1420	85	10-142
83-32-9	Acenaphthene	1670	1310	79	10-141
208-96-8	Acenaphthylene	1670	1320	79	10-133
98-86-2	Acetophenone	1670	1140	68	23-115
120-12-7	Anthracene	1670	1340	80	10-144
1912-24-9	Atrazine	1670	1410	85	17-149
56-55-3	Benzo(a)anthracene	1670	1310	79	11-139
50-32-8	Benzo(a)pyrene	1670	1430	86	13-141
205-99-2	Benzo(b)fluoranthene	1670	1360	82	14-140
191-24-2	Benzo(g,h,i)perylene	1670	1430	86	13-138
207-08-9	Benzo(k)fluoranthene	1670	1450	87	12-140
101-55-3	4-Bromophenyl phenyl ether	1670	1500	90	10-146
85-68-7	Butyl benzyl phthalate	1670	1420	85	10-150
92-52-4	1,1'-Biphenyl	1670	1270	76	10-141
100-52-7	Benzaldehyde	1670	1050	63	10-146
91-58-7	2-Chloronaphthalene	1670	1290	77	10-142
106-47-8	4-Chloroaniline	1670	598	36	10-108
86-74-8	Carbazole	1670	1260	76	10-145
105-60-2	Caprolactam	1670	1660	100	10-187
218-01-9	Chrysene	1670	1330	80	11-139
111-91-1	bis(2-Chloroethoxy)methane	1670	1200	72	10-144
111-44-4	bis(2-Chloroethyl)ether	1670	1100	66	10-145

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61130-BS1	CJ10554.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-1, JE4646-2, JE4646-4, JE4646-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-60-1	2,2'-Oxybis(1-chloropropane)	1670	1060	64	10-145
7005-72-3	4-Chlorophenyl phenyl ether	1670	1440	86	10-145
121-14-2	2,4-Dinitrotoluene	1670	1530	92	10-148
606-20-2	2,6-Dinitrotoluene	1670	1540	92	12-145
91-94-1	3,3'-Dichlorobenzidine	1670	623	37	10-100
123-91-1	1,4-Dioxane	1670	597	36	10-97
53-70-3	Dibenzo(a,h)anthracene	1670	1460	88	14-142
132-64-9	Dibenzofuran	1670	1300	78	10-140
84-74-2	Di-n-butyl phthalate	1670	1390	83	11-147
117-84-0	Di-n-octyl phthalate	1670	1480	89	15-145
84-66-2	Diethyl phthalate	1670	1350	81	10-145
131-11-3	Dimethyl phthalate	1670	1370	82	10-144
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1420	85	26-132
206-44-0	Fluoranthene	1670	1340	80	10-147
86-73-7	Fluorene	1670	1350	81	12-139
118-74-1	Hexachlorobenzene	1670	1430	86	10-144
87-68-3	Hexachlorobutadiene	1670	1390	83	10-142
77-47-4	Hexachlorocyclopentadiene	3330	2650	80	10-120
67-72-1	Hexachloroethane	1670	1190	71	10-141
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1450	87	13-144
78-59-1	Isophorone	1670	1270	76	10-139
91-57-6	2-Methylnaphthalene	1670	1250	75	10-140
88-74-4	2-Nitroaniline	1670	1460	88	10-148
99-09-2	3-Nitroaniline	1670	857	51	10-127
100-01-6	4-Nitroaniline	1670	1230	74	10-143
91-20-3	Naphthalene	1670	1150	69	10-141
98-95-3	Nitrobenzene	1670	1220	73	10-139
621-64-7	N-Nitroso-di-n-propylamine	1670	1160	70	10-143
86-30-6	N-Nitrosodiphenylamine	1670	1340	80	10-145
85-01-8	Phenanthrene	1670	1310	79	10-142
129-00-0	Pyrene	1670	1320	79	13-141
95-94-3	1,2,4,5-Tetrachlorobenzene	1670	1370	82	10-143

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61130-BS1	CJ10554.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-1, JE4646-2, JE4646-4, JE4646-5

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	69%	10-99%
4165-62-2	Phenol-d5	70%	10-96%
118-79-6	2,4,6-Tribromophenol	90%	10-123%
4165-60-0	Nitrobenzene-d5	71%	10-109%
321-60-8	2-Fluorobiphenyl	80%	11-109%
1718-51-0	Terphenyl-d14	86%	10-120%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61138-BS1	F224240.D	1	01/28/25	KH	01/27/25	OP61138	EF9960
OP61138-BSD	F224241.D	1	01/28/25	KH	01/27/25	OP61138	EF9960

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	50	38.1	76	34.6	69	10	17-111/59
59-50-7	4-Chloro-3-methyl phenol	50	43.2	86	44.5	89	3	30-118/47
120-83-2	2,4-Dichlorophenol	50	41.2	82	38.6	77	7	30-119/50
105-67-9	2,4-Dimethylphenol	50	42.9	86	40.2	80	6	20-114/49
51-28-5	2,4-Dinitrophenol	100	104	104	112	112	7	11-141/72
534-52-1	4,6-Dinitro-o-cresol	50	58.2	116	60.9	122	5	30-142/51
95-48-7	2-Methylphenol	50	34.2	68	30.7	61	11	10-110/56
	3&4-Methylphenol	100	60.3	60	58.8	59	3	10-164/59
88-75-5	2-Nitrophenol	50	52.1	104	49.0	98	6	33-123/49
100-02-7	4-Nitrophenol	50	18.0	36	19.9	40	10	10-84/61
87-86-5	Pentachlorophenol	100	75.7	76	76.0	76	0	10-171/41
108-95-2	Phenol	50	17.6	35	14.7	29	18	10-85/57
58-90-2	2,3,4,6-Tetrachlorophenol	50	40.1	80	38.8	78	3	36-130/44
95-95-4	2,4,5-Trichlorophenol	50	42.5	85	39.2	78	8	38-124/44
88-06-2	2,4,6-Trichlorophenol	50	43.0	86	39.8	80	8	37-122/46
83-32-9	Acenaphthene	50	42.7	85	42.0	84	2	52-115/30
208-96-8	Acenaphthylene	50	46.0	92	44.8	90	3	30-114/31
98-86-2	Acetophenone	50	42.4	85	41.1	82	3	40-115/39
120-12-7	Anthracene	50	45.7	91	46.1	92	1	55-122/29
1912-24-9	Atrazine	50	45.8	92	46.7	93	2	54-140/33
100-52-7	Benzaldehyde	50	33.1	66	32.0	64	3	35-121/35
56-55-3	Benzo(a)anthracene	50	46.0	92	46.3	93	1	55-122/29
50-32-8	Benzo(a)pyrene	50	48.3	97	50.4	101	4	50-123/30
205-99-2	Benzo(b)fluoranthene	50	47.9	96	50.0	100	4	57-124/28
191-24-2	Benzo(g,h,i)perylene	50	49.2	98	50.8	102	3	55-125/30
207-08-9	Benzo(k)fluoranthene	50	45.5	91	46.8	94	3	53-124/28
101-55-3	4-Bromophenyl phenyl ether	50	38.8	78	40.6	81	5	55-124/29
85-68-7	Butyl benzyl phthalate	50	60.2	120	61.4	123	2	54-134/29
92-52-4	1,1'-Biphenyl	50	41.0	82	40.2	80	2	46-115/32
91-58-7	2-Chloronaphthalene	50	40.1	80	38.4	77	4	44-113/32
106-47-8	4-Chloroaniline	50	29.5	59	26.3	53	11	10-100/92
86-74-8	Carbazole	50	47.3	95	48.2	96	2	56-123/29
105-60-2	Caprolactam	50	9.1	18	10.2	20	11	10-85/35
218-01-9	Chrysene	50	44.5	89	45.5	91	2	54-122/29
111-91-1	bis(2-Chloroethoxy)methane	50	46.4	93	44.9	90	3	39-116/36
111-44-4	bis(2-Chloroethyl)ether	50	48.4	97	40.0	80	19	31-118/45

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61138-BS1	F224240.D	1	01/28/25	KH	01/27/25	OP61138	EF9960
OP61138-BSD	F224241.D	1	01/28/25	KH	01/27/25	OP61138	EF9960

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
108-60-1	2,2'-Oxybis(1-chloropropane)	50	40.4	81	37.1	74	9	34-117/43
7005-72-3	4-Chlorophenyl phenyl ether	50	37.1	74	37.6	75	1	53-119/28
121-14-2	2,4-Dinitrotoluene	50	49.5	99	51.9	104	5	58-129/29
606-20-2	2,6-Dinitrotoluene	50	50.2	100	48.9	98	3	56-128/30
91-94-1	3,3'-Dichlorobenzidine	50	40.5	81	30.0	60	30	23-122/44
123-91-1	1,4-Dioxane	50	21.2	42	19.0	38	11	10-88/49
53-70-3	Dibenzo(a,h)anthracene	50	48.5	97	50.7	101	4	55-127/29
132-64-9	Dibenzofuran	50	41.5	83	41.8	84	1	53-116/29
84-74-2	Di-n-butyl phthalate	50	54.2	108	55.6	111	3	57-129/30
117-84-0	Di-n-octyl phthalate	50	59.0	118	61.7	123	4	45-139/28
84-66-2	Diethyl phthalate	50	47.1	94	47.4	95	1	53-123/30
131-11-3	Dimethyl phthalate	50	44.8	90	45.5	91	2	50-122/35
117-81-7	bis(2-Ethylhexyl)phthalate	50	58.0	116	59.2	118	2	49-137/30
206-44-0	Fluoranthene	50	45.8	92	47.3	95	3	58-125/30
86-73-7	Fluorene	50	43.5	87	44.2	88	2	56-119/28
118-74-1	Hexachlorobenzene	50	37.9	76	38.7	77	2	53-125/29
87-68-3	Hexachlorobutadiene	50	26.0	52	21.0	42	21	21-109/47
77-47-4	Hexachlorocyclopentadiene	100	61.3	61	51.5	52	17	10-96/52
67-72-1	Hexachloroethane	50	26.3	53	22.3	45	16	19-105/40
193-39-5	Indeno(1,2,3-cd)pyrene	50	47.5	95	47.8	96	1	50-132/30
78-59-1	Isophorone	50	46.6	93	47.1	94	1	41-117/33
91-57-6	2-Methylnaphthalene	50	38.2	76	35.5	71	7	41-112/35
88-74-4	2-Nitroaniline	50	58.6	117	57.3	115	2	48-128/31
99-09-2	3-Nitroaniline	50	46.7	93	43.6	87	7	30-115/51
100-01-6	4-Nitroaniline	50	42.2	84	41.0	82	3	43-121/34
91-20-3	Naphthalene	50	39.0	78	35.0	70	11	37-112/39
98-95-3	Nitrobenzene	50	50.0	100	45.4	91	10	35-119/39
621-64-7	N-Nitroso-di-n-propylamine	50	44.8	90	45.2	90	1	34-121/36
86-30-6	N-Nitrosodiphenylamine	50	48.5	97	48.7	97	0	52-121/29
85-01-8	Phenanthrene	50	44.8	90	45.6	91	2	56-121/28
129-00-0	Pyrene	50	49.8	100	49.4	99	1	55-125/29
95-94-3	1,2,4,5-Tetrachlorobenzene	50	35.1	70	33.3	67	5	40-110/35

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61138-BS1	F224240.D	1	01/28/25	KH	01/27/25	OP61138	EF9960
OP61138-BSD	F224241.D	1	01/28/25	KH	01/27/25	OP61138	EF9960

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-6

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	52%	45%	10-71%
4165-62-2	Phenol-d5	31%	29%	10-58%
118-79-6	2,4,6-Tribromophenol	81%	79%	22-144%
4165-60-0	Nitrobenzene-d5	107%	99%	28-118%
321-60-8	2-Fluorobiphenyl	90%	87%	34-116%
1718-51-0	Terphenyl-d14	78%	80%	10-127%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61130-MS	CJ10570.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451
OP61130-MSD	CJ10571.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451
JE4663-3	CJ10557.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-1, JE4646-2, JE4646-4, JE4646-5

CAS No.	Compound	JE4663-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		3630	2320	64	3840	2760	72	17	10-137/86
59-50-7	4-Chloro-3-methyl phenol	ND		3630	2760	76	3840	3160	82	14	10-146/84
120-83-2	2,4-Dichlorophenol	ND		3630	2660	73	3840	3070	80	14	10-145/86
105-67-9	2,4-Dimethylphenol	ND		3630	2710	75	3840	3060	80	12	10-148/87
51-28-5	2,4-Dinitrophenol	ND		7260	ND	0* [a]	7670	ND	0* [a]	nc	10-118/90
534-52-1	4,6-Dinitro-o-cresol	ND		3630	470	13	3840	453	12	4	10-131/97
95-48-7	2-Methylphenol	ND		3630	2420	67	3840	2810	73	15	10-143/86
	3&4-Methylphenol	ND		7260	5160	71	7670	6160	80	18	10-162/87
88-75-5	2-Nitrophenol	ND		3630	2690	74	3840	3010	78	11	10-147/93
100-02-7	4-Nitrophenol	ND		3630	ND	0* [a]	3840	ND	0* [a]	nc	10-152/85
87-86-5	Pentachlorophenol	ND		7260	4000	55	7670	4370	57	9	10-146/89
108-95-2	Phenol	ND		3630	2840	78	3840	3570	93	23	10-118/84
58-90-2	2,3,4,6-Tetrachlorophenol	ND		3630	2200	61	3840	2540	66	14	10-139/87
95-95-4	2,4,5-Trichlorophenol	ND		3630	2340	64	3840	2440	64	4	10-140/86
88-06-2	2,4,6-Trichlorophenol	ND		3630	140	4* [a]	3840	324	8* [a]	79	10-141/86
83-32-9	Acenaphthene	ND		3630	3170	87	3840	3540	92	11	10-156/87
208-96-8	Acenaphthylene	ND		3630	2560	71	3840	2860	75	11	10-143/84
98-86-2	Acetophenone	ND		3630	2630	72	3840	2740	71	4	10-130/90
120-12-7	Anthracene	ND		3630	2800	77	3840	2870	75	2	10-166/88
1912-24-9	Atrazine	ND		3630	2680	74	3840	3000	78	11	10-148/86
56-55-3	Benzo(a)anthracene	12.1	J	3630	3020	83	3840	3000	78	1	10-163/88
50-32-8	Benzo(a)pyrene	ND		3630	3110	86	3840	3190	83	3	10-163/89
205-99-2	Benzo(b)fluoranthene	18.8	J	3630	3240	89	3840	3390	88	5	10-156/91
191-24-2	Benzo(g,h,i)perylene	ND		3630	2830	78	3840	3030	79	7	10-158/89
207-08-9	Benzo(k)fluoranthene	ND		3630	2820	78	3840	2810	73	0	10-157/86
101-55-3	4-Bromophenyl phenyl ether	ND		3630	2650	73	3840	2970	77	11	10-143/87
85-68-7	Butyl benzyl phthalate	ND		3630	2610	72	3840	2760	72	6	10-161/89
92-52-4	1,1'-Biphenyl	ND		3630	2460	68	3840	2810	73	13	10-143/86
100-52-7	Benzaldehyde	ND		3630	2690	74	3840	3150	82	16	10-148/88
91-58-7	2-Chloronaphthalene	ND		3630	2390	66	3840	2810	73	16	10-145/86
106-47-8	4-Chloroaniline	ND		3630	1520	42	3840	1850	48	20	10-109/87
86-74-8	Carbazole	ND		3630	2450	68	3840	2610	68	6	10-158/87
105-60-2	Caprolactam	ND		3630	1860	51	3840	3130	82	51	10-150/82
218-01-9	Chrysene	12.9	J	3630	3220	88	3840	3340	87	4	10-164/87
111-91-1	bis(2-Chloroethoxy)methane	ND		3630	2410	66	3840	2790	73	15	10-152/86
111-44-4	bis(2-Chloroethyl)ether	ND		3630	2290	63	3840	2620	68	13	10-147/86

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61130-MS	CJ10570.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451
OP61130-MSD	CJ10571.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451
JE4663-3	CJ10557.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-1, JE4646-2, JE4646-4, JE4646-5

CAS No.	Compound	JE4663-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
108-60-1	2,2'-Oxybis(1-chloropropane)	ND		3630	2290	63	3840	2570	67	12	10-134/88
7005-72-3	4-Chlorophenyl phenyl ether	ND		3630	2590	71	3840	2910	76	12	10-142/87
121-14-2	2,4-Dinitrotoluene	ND		3630	2830	78	3840	3100	81	9	10-147/86
606-20-2	2,6-Dinitrotoluene	ND		3630	2720	75	3840	3080	80	12	10-147/88
91-94-1	3,3'-Dichlorobenzidine	ND		3630	1250	34	3840	1400	36	11	10-106/93
123-91-1	1,4-Dioxane	ND		3630	1140	31	3840	1230	32	8	10-102/85
53-70-3	Dibenzo(a,h)anthracene	ND		3630	2680	74	3840	2900	76	8	10-149/89
132-64-9	Dibenzofuran	ND		3630	2520	69	3840	2910	76	14	10-155/86
84-74-2	Di-n-butyl phthalate	6.5	J	3630	2560	70	3840	2810	73	9	10-158/86
117-84-0	Di-n-octyl phthalate	ND		3630	2540	70	3840	2750	72	8	10-154/84
84-66-2	Diethyl phthalate	ND		3630	2440	67	3840	2820	73	14	10-148/84
131-11-3	Dimethyl phthalate	ND		3630	2500	69	3840	2930	76	16	10-144/85
117-81-7	bis(2-Ethylhexyl)phthalate	ND		3630	6100	168* [a]	3840	6090	159* [a]	0	10-153/84
206-44-0	Fluoranthene	ND		3630	4710	130	3840	4530	118	4	10-165/93
86-73-7	Fluorene	ND		3630	2790	77	3840	3170	83	13	10-158/87
118-74-1	Hexachlorobenzene	ND		3630	2550	70	3840	2890	75	13	10-139/85
87-68-3	Hexachlorobutadiene	ND		3630	2880	79	3840	3260	85	12	10-139/88
77-47-4	Hexachlorocyclopentadiene	ND		7260	ND	0* [a]	7670	ND	0* [a]	nc	10-116/30
67-72-1	Hexachloroethane	ND		3630	2250	62	3840	2420	63	7	10-141/93
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3630	2850	79	3840	3010	78	5	10-160/91
78-59-1	Isophorone	ND		3630	2450	68	3840	2840	74	15	10-150/86
91-57-6	2-Methylnaphthalene	ND		3630	2830	78	3840	3140	82	10	10-145/86
88-74-4	2-Nitroaniline	ND		3630	2970	82	3840	3270	85	10	10-152/77
99-09-2	3-Nitroaniline	ND		3630	2170	60	3840	2550	66	16	10-136/83
100-01-6	4-Nitroaniline	ND		3630	2280	63	3840	2700	70	17	10-140/81
91-20-3	Naphthalene	ND		3630	2480	68	3840	2790	73	12	10-146/87
98-95-3	Nitrobenzene	ND		3630	2500	69	3840	2810	73	12	10-146/88
621-64-7	N-Nitroso-di-n-propylamine	ND		3630	2380	66	3840	2670	70	11	10-147/77
86-30-6	N-Nitrosodiphenylamine	ND		3630	2750	76	3840	2980	78	8	10-159/78
85-01-8	Phenanthrene	ND		3630	4400	121	3840	4340	113	1	10-158/95
129-00-0	Pyrene	ND		3630	3960	109	3840	3940	103	1	10-176/90
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		3630	2650	73	3840	3070	80	15	10-137/87

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP61130-MS	CJ10570.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451
OP61130-MSD	CJ10571.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451
JE4663-3	CJ10557.D	1	01/27/25	AO	01/27/25	OP61130	ECJ451

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE4646-1, JE4646-2, JE4646-4, JE4646-5

CAS No.	Surrogate Recoveries	MS	MSD	JE4663-3	Limits
367-12-4	2-Fluorophenol	65%	72%	57%	10-99%
4165-62-2	Phenol-d5	64%	70%	58%	10-96%
118-79-6	2,4,6-Tribromophenol	72%	74%	72%	10-123%
4165-60-0	Nitrobenzene-d5	67%	72%	58%	10-109%
321-60-8	2-Fluorobiphenyl	69%	77%	66%	11-109%
1718-51-0	Terphenyl-d14	65%	70%	66%	10-120%

(a) Outside control limits.

* = Outside of Control Limits.

Instrument Performance Check (DFTPP)

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ420-DFTPP
Lab File ID: CJ9753.D
Instrument ID: GCMSCJ
Injection Date: 12/17/24
Injection Time: 14:18

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	129550	44.8		Pass
68	Less than 2.0% of mass 69	2542	0.88	(1.96) [a]	Pass
69	Mass 69 relative abundance	129420	44.7		Pass
70	Less than 2.0% of mass 69	639	0.22	(0.49) [a]	Pass
127	40.0 - 60.0% of mass 198	159501	55.1		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	289451	100.0		Pass
199	5.0 - 9.0% of mass 198	18907	6.53		Pass
275	10.0 - 31.0% of mass 198	62576	21.6		Pass
365	1.0 - 100.0% of mass 198	7296	2.52		Pass
441	Present, but less than mass 443	23063	7.97	(77.2) [b]	Pass
442	40.0 - 100.0% of mass 198	157037	54.3		Pass
443	17.0 - 23.0% of mass 442	29864	10.3	(19.0) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECJ420-ICC420	CJ9756.D	12/17/24	15:47	01:29	Initial cal 50
ECJ420-IC420	CJ9757.D	12/17/24	17:15	02:57	Initial cal 1
ECJ420-IC420	CJ9758.D	12/17/24	17:33	03:15	Initial cal 2
ECJ420-IC420	CJ9759.D	12/17/24	17:51	03:33	Initial cal 5
ECJ420-IC420	CJ9760.D	12/17/24	18:08	03:50	Initial cal 10
ECJ420-IC420	CJ9761.D	12/17/24	18:26	04:08	Initial cal 25
ECJ420-IC420	CJ9762.D	12/17/24	18:44	04:26	Initial cal 80
ECJ420-IC420	CJ9764.D	12/17/24	19:20	05:02	Initial cal 1
ECJ420-IC420	CJ9765.D	12/17/24	19:37	05:19	Initial cal 2
ECJ420-IC420	CJ9766.D	12/17/24	19:55	05:37	Initial cal 5
ECJ420-IC420	CJ9767.D	12/17/24	20:13	05:55	Initial cal 10
ECJ420-IC420	CJ9768.D	12/17/24	20:31	06:13	Initial cal 25
ECJ420-IC420	CJ9769.D	12/17/24	20:49	06:31	Initial cal 50
ECJ420-IC420	CJ9770.D	12/17/24	21:07	06:49	Initial cal 80
ECJ420-ICV420	CJ9772.D	12/17/24	21:42	07:24	Initial cal verification 50
ECJ420-ICV420	CJ9773.D	12/17/24	22:00	07:42	Initial cal verification 50
ECJ420-ICV420	CJ9774.D	12/17/24	22:18	08:00	Initial cal verification 50
ECJ420-ICV420	CJ9775.D	12/17/24	22:36	08:18	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9899-DFTPP
Lab File ID: F222732A.D
Instrument ID: GCMSF
Injection Date: 11/07/24
Injection Time: 08:48

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	19558	36.6		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	19448	36.4		Pass
70	Less than 2.0% of mass 69	83	0.16	(0.43) [a]	Pass
127	40.0 - 60.0% of mass 198	23578	44.2		Pass
197	Less than 1.0% of mass 198	195	0.37		Pass
198	Base peak, 100% relative abundance	53402	100.0		Pass
199	5.0 - 9.0% of mass 198	3465	6.49		Pass
275	10.0 - 30.0% of mass 198	13109	24.5		Pass
365	1.0 - 100.0% of mass 198	1301	2.44		Pass
441	Present, but less than mass 443	4675	8.75	(73.2) [b]	Pass
442	40.0 - 100.0% of mass 198	31362	58.7		Pass
443	17.0 - 23.0% of mass 442	6386	12.0	(20.4) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF9899-IC9899	F222733.D	11/07/24	09:00	00:12	Initial cal 1
EF9899-IC9899	F222734.D	11/07/24	09:23	00:35	Initial cal 2
EF9899-IC9899	F222735.D	11/07/24	09:46	00:58	Initial cal 5
EF9899-IC9899	F222736.D	11/07/24	10:10	01:22	Initial cal 10
EF9899-IC9899	F222737.D	11/07/24	10:33	01:45	Initial cal 25
EF9899-ICC9899	F222739.D	11/07/24	10:56	02:08	Initial cal 50
EF9899-IC9899	F222738.D	11/07/24	11:20	02:32	Initial cal 80
EF9899-IC9899	F222740.D	11/07/24	11:43	02:55	Initial cal 100
EF9899-ICV9899	F222741.D	11/07/24	12:06	03:18	Initial cal verification 50
EF9899-ICV9899	F222742.D	11/07/24	12:30	03:42	Initial cal verification 50
EF9899-ICV9899	F222743.D	11/07/24	12:53	04:05	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9960-DFTPP
Lab File ID: F224236.D
Instrument ID: GCMSF
Injection Date: 01/28/25
Injection Time: 08:03

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	23774	44.5		Pass
68	Less than 2.0% of mass 69	189	0.35	(0.75) [a]	Pass
69	Mass 69 relative abundance	25256	47.3		Pass
70	Less than 2.0% of mass 69	126	0.24	(0.50) [a]	Pass
127	40.0 - 60.0% of mass 198	30026	56.2		Pass
197	Less than 1.0% of mass 198	249	0.47		Pass
198	Base peak, 100% relative abundance	53387	100.0		Pass
199	5.0 - 9.0% of mass 198	3531	6.61		Pass
275	10.0 - 30.0% of mass 198	11595	21.7		Pass
365	1.0 - 100.0% of mass 198	1314	2.46		Pass
441	Present, but less than mass 443	3759	7.04	(87.0) [b]	Pass
442	40.0 - 100.0% of mass 198	22475	42.1		Pass
443	17.0 - 23.0% of mass 442	4319	8.09	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF9960-CC9899	F224237.D	01/28/25	08:16	00:13	Continuing cal 50
EF9960-CC9899	F224238.D	01/28/25	08:48	00:45	Continuing cal 50
OP61138-MB1	F224239.D	01/28/25	09:33	01:30	Method Blank
OP61138-BS1	F224240.D	01/28/25	09:59	01:56	Blank Spike
OP61138-BSD	F224241.D	01/28/25	10:25	02:22	Blank Spike Duplicate
ZZZZZZ	F224242.D	01/28/25	10:51	02:48	(unrelated sample)
ZZZZZZ	F224243.D	01/28/25	11:18	03:15	(unrelated sample)
ZZZZZZ	F224244.D	01/28/25	11:44	03:41	(unrelated sample)
JE4646-6	F224245.D	01/28/25	12:10	04:07	EQUIPMENT BLANK
ZZZZZZ	F224246.D	01/28/25	12:36	04:33	(unrelated sample)
ZZZZZZ	F224247.D	01/28/25	13:01	04:58	(unrelated sample)
ZZZZZZ	F224248.D	01/28/25	13:27	05:24	(unrelated sample)
ZZZZZZ	F224249.D	01/28/25	13:53	05:50	(unrelated sample)
ZZZZZZ	F224250.D	01/28/25	14:19	06:16	(unrelated sample)
ZZZZZZ	F224251.D	01/28/25	14:44	06:41	(unrelated sample)
ZZZZZZ	F224252.D	01/28/25	15:10	07:07	(unrelated sample)

Internal Standard Area Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Check Std:	ECJ451-CC420	**Injection Date:**	01/27/25
Lab File ID:	CJ10549.D	**Injection Time:**	16:55
Instrument ID:	GCMSCJ	**Method:**	SW846 8270E

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Initial Cal [a]	180722	4.39	710518	5.14	387334	6.25	638656	7.41	540256	9.87	551597	11.21
Check Std [b]	115537	4.10	443344	4.85	250511	5.90	459729	7.01	424673	9.43	431557	10.72
Upper Limit [c]	231074	4.27	886688	5.02	501022	6.07	919458	7.18	849346	9.60	863114	10.89
Lower Limit [d]	57769	3.93	221672	4.68	125256	5.73	229865	6.84	212337	9.26	215779	10.55

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP61130-MB1	99032	4.10	370220	4.85	214477	5.90	384651	7.01	340950	9.42	341739	10.71
OP61130-BS1	109747	4.10	404584	4.85	221404	5.90	377685	7.01	310642	9.42	304130	10.71
ZZZZZZ	77062	4.10	299353	4.85	176821	5.90	310509	7.01	283494	9.42	287049	10.71
ZZZZZZ	102781	4.10	385843	4.85	214893	5.90	387322	7.01	346230	9.42	354878	10.71
JE4663-3	101010	4.10	373109	4.85	206595	5.90	374225	7.01	339788	9.42	342047	10.71
ZZZZZZ	117994	4.10	442046	4.85	241369	5.90	405062	7.01	326086	9.41	331364	10.71
ZZZZZZ	102158	4.10	394602	4.85	221824	5.90	385046	7.01	356657	9.41	358399	10.71
ZZZZZZ	100807	4.10	372015	4.85	213968	5.90	376525	7.01	345771	9.41	354533	10.71
ZZZZZZ	105802	4.10	404520	4.85	224349	5.90	405413	7.01	358198	9.42	382861	10.71
ZZZZZZ	107145	4.10	392883	4.85	223947	5.90	400087	7.01	360109	9.42	366214	10.71
ZZZZZZ	114859	4.10	434208	4.85	241682	5.90	417300	7.01	383962	9.42	388261	10.71
ZZZZZZ	93952	4.10	356817	4.85	203156	5.90	362233	7.01	325906	9.42	340734	10.71
ZZZZZZ	108757	4.10	410532	4.85	229209	5.90	403446	7.01	368297	9.42	373569	10.71
ZZZZZZ	100516	4.10	378054	4.85	214423	5.90	373360	7.01	338706	9.42	346047	10.71
ZZZZZZ	102670	4.10	389631	4.85	218147	5.90	384389	7.01	347675	9.42	358240	10.71
ZZZZZZ	98460	4.10	344803	4.85	191829	5.90	335284	7.01	319356	9.42	337582	10.72
ZZZZZZ	94595	4.10	366541	4.85	205216	5.90	366497	7.01	327276	9.42	339603	10.71
OP61130-MS	100215	4.10	368713	4.85	207220	5.90	358789	7.02	322314	9.45	334746	10.76
OP61130-MSD	92244	4.10	349051	4.85	193950	5.91	350786	7.02	312344	9.45	332113	10.76
JE4646-1 [e]	94694	4.10	363686	4.85	207920	5.91	349213	7.02	309203	9.45	332413	10.75
JE4646-2 [e]	99868	4.10	367019	4.85	211019	5.91	370701	7.02	318834	9.45	341916	10.77
JE4646-4 [e]	87491	4.10	337276	4.85	188011	5.91	323852	7.02	289956	9.45	305657	10.76
JE4646-5 [e]	94997	4.10	367686	4.85	205022	5.91	360482	7.02	320336	9.45	342096	10.76

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Initial Cal is: ECJ420-ICC420 CJ9756.D 12/17/24 15:47
(b) Check Std Limit = -50 to + 100% of initial cal area.

Internal Standard Area Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Check Std:	ECJ451-CC420	**Injection Date:**	01/27/25
Lab File ID:	CJ10549.D	**Injection Time:**	16:55
Instrument ID:	GCMSCJ	**Method:**	SW846 8270E

Lab	IS 1		IS 2		IS 3		IS 4		IS 5		IS 6	
Sample ID	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**

(c) Upper Limit = + 100% of check standard area; Retention time + 0.167 minutes.
(d) Lower Limit = -50% of check standard area; Retention time -0.167 minutes.
(e) Elevated detection limit due to high final volume of viscous extract.

Internal Standard Area Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Check Std:	EF9960-CC9899	**Injection Date:**	01/28/25
Lab File ID:	F224237.D	**Injection Time:**	08:16
Instrument ID:	GCMSF	**Method:**	SW846 8270E

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	77314	4.53	296329	5.45	151966	6.78	282184	8.34	242397	12.13	248833	14.21
Upper Limit [a]	154628	5.03	592658	5.95	303932	7.28	564368	8.84	484794	12.63	497666	14.71
Lower Limit [b]	38657	4.03	148165	4.95	75983	6.28	141092	7.84	121199	11.63	124417	13.71

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP61138-MB1	62528	4.53	229520	5.45	114012	6.79	208502	8.35	163788	12.13	179974	14.22
OP61138-BS1	65523	4.53	238056	5.45	118628	6.78	212660	8.34	179510	12.12	194757	14.21
OP61138-BSD	59190	4.53	222037	5.45	112608	6.78	197628	8.34	170928	12.12	179111	14.21
ZZZZZZ	58255	4.53	215858	5.45	112293	6.78	204589	8.34	169944	12.12	186268	14.21
ZZZZZZ	55954	4.53	215052	5.45	113499	6.78	203427	8.34	165535	12.12	183945	14.21
ZZZZZZ	58729	4.53	223816	5.45	115157	6.78	211368	8.34	170975	12.12	184190	14.21
JE4646-6	60215	4.53	224794	5.45	117215	6.78	214508	8.34	167901	12.12	184364	14.21
ZZZZZZ	59696	4.53	227167	5.45	118406	6.78	209188	8.34	169975	12.12	186189	14.21
ZZZZZZ	58522	4.53	220163	5.45	111782	6.78	205008	8.34	166335	12.12	179911	14.21
ZZZZZZ	59318	4.53	226289	5.45	117012	6.78	213054	8.34	170839	12.12	185152	14.21
ZZZZZZ	56403	4.53	207692	5.45	109938	6.78	197627	8.34	156196	12.12	172034	14.21
ZZZZZZ	60762	4.53	232326	5.45	126249	6.78	222999	8.34	184691	12.12	197491	14.21
ZZZZZZ	60426	4.53	230304	5.45	120820	6.78	220621	8.34	188420	12.12	206030	14.21
ZZZZZZ	59335	4.53	221727	5.45	117149	6.78	209485	8.34	172591	12.12	190513	14.21

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Surrogate Recovery Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Method: SW846 8270E **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JE4646-6	F224245.D	48	24	83	111	89	99
OP61138-BS1	F224240.D	52	31	81	107	90	78
OP61138-BSD	F224241.D	45	29	79	99	87	80
OP61138-MB1	F224239.D	49	24	76	113	92	96

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	10-71%
S2 = Phenol-d5	10-58%
S3 = 2,4,6-Tribromophenol	22-144%
S4 = Nitrobenzene-d5	28-118%
S5 = 2-Fluorobiphenyl	34-116%
S6 = Terphenyl-d14	10-127%

Surrogate Recovery Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Method: SW846 8270E **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JE4646-1	CJ10572.D	50	50	54	50	53	52
JE4646-2	CJ10573.D	46	47	58	49	53	49
JE4646-4	CJ10574.D	63	64	76	63	71	64
JE4646-5	CJ10575.D	37	37	39	36	40	37
OP61130-BS1	CJ10554.D	69	70	90	71	80	86
OP61130-MB1	CJ10553.D	78	76	89	75	82	84
OP61130-MS	CJ10570.D	65	64	72	67	69	65
OP61130-MSD	CJ10571.D	72	70	74	72	77	70

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	10-99%
S2 = Phenol-d5	10-96%
S3 = 2,4,6-Tribromophenol	10-123%
S4 = Nitrobenzene-d5	10-109%
S5 = 2-Fluorobiphenyl	11-109%
S6 = Terphenyl-d14	10-120%

Initial Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ420-ICC420
Lab FileID: CJ9756.D

Response Factor Report GCMSCJ

Method : C:\MassHunter\GC...methods\mCJ420.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Fri Dec 20 10:31:16 2024
Response via : Initial Calibration

Calibration Files
2 =cj9758.D 5 =cj9759.D 25 =cj9761.D 80 =cj9762.D
50 =cj9756.D 1 =cj9757.D 10 =cj9760.D =

Compound	2	5	25	80	50	1	10	Avg	%RSD
1) I 1,4-Dichlorobenzene-d	ISTD								
2) 1,4-Dioxane	0.523	0.518	0.476	0.455	0.480	0.539	0.488	0.497	6.10
3) Pyridine	1.336	1.308	1.315	1.324	1.373	1.410	1.331	1.342	2.70
4) N-Nitrosodim	0.708	0.686	0.734	0.801	0.818	0.738	0.726	0.744	6.49
5) 2-Fluorophen	1.271	1.204	1.154	1.252	1.275	1.264	1.209	1.233	3.67
6) Indene	2.375	2.214	2.237	2.318	2.379	2.431	2.245	2.314	3.64
7) Cumene	2.811	2.635	2.597	2.632	2.728	2.792	2.660	2.694	3.11
8) Phenol-d5	1.544	1.431	1.495	1.671	1.670	1.567	1.498	1.554	5.83
9) Phenol	1.631	1.516	1.584	1.891	1.800	1.683	1.593	1.671	7.88
10) Aniline	2.117	1.979	2.019	2.140	2.215	2.064	2.040	2.082	3.87
11) bis(2-Chloro	1.293	1.249	1.279	1.381	1.425	1.368	1.275	1.324	5.01
12) 2-Chlorophen	1.382	1.313	1.342	1.441	1.485	1.445	1.367	1.396	4.44
13) Decane	1.574	1.512	1.419	1.385	1.478	1.593	1.516	1.497	5.09
14) 1,3-Dichloro	1.553	1.491	1.472	1.512	1.570	1.578	1.501	1.525	2.73
15) 1,4-Dichloro	1.596	1.488	1.483	1.497	1.581	1.665	1.532	1.549	4.38
16) Benzyl alcoh	0.897	0.867	0.890	0.971	1.012	0.905	0.878	0.917	5.84
17) 1,2-Dichloro	1.524	1.372	1.412	1.448	1.517	1.525	1.454	1.465	4.11
18) Acetophenone	1.968	1.866	1.874	1.941	2.036	2.131	1.901	1.960	4.89
19) 2-Methylphen	1.209	1.162	1.188	1.282	1.315	1.246	1.180	1.226	4.62
20) 2,2'-oxybis(	0.446	0.427	0.420	0.442	0.455	0.450	0.420	0.437	3.32
21) 3&4-Methylph	1.292	1.232	1.251	1.296	1.349	1.332	1.239	1.284	3.55
22) n-Nitroso-di	0.977	0.918	0.916	0.960	0.995	0.993	0.910	0.953	3.96
23) Hexachloroet	0.531	0.506	0.491	0.492	0.529	0.542	0.504	0.514	3.96
24) I Naphthalene-d8	ISTD								
25) Nitrobenzene	0.394	0.365	0.367	0.392	0.403	0.401	0.386	0.387	3.94
26) Nitrobenzene	0.378	0.368	0.359	0.377	0.391	0.408	0.368	0.378	4.36
27) Quinoline	0.705	0.655	0.652	0.685	0.704	0.704	0.666	0.682	3.50
28) Isophorone	0.686	0.660	0.638	0.664	0.692	0.698	0.657	0.671	3.24
29) 2-Nitropheno	0.157	0.161	0.174	0.188	0.197	0.174	0.169	0.174	8.00
30) 2,4-Dimethyl	0.373	0.351	0.344	0.362	0.370	0.383	0.349	0.362	3.94
31) Benzoic acid	0.214	0.205	0.259	0.298	0.300	0.223	0.252	0.250	15.40
32) bis(2-Chloro	0.446	0.424	0.418	0.431	0.446	0.443	0.423	0.433	2.70
33) 2,4-Dichloro	0.284	0.274	0.275	0.296	0.304	0.285	0.285	0.286	3.82
34) 2,6-Dichloro	0.280	0.273	0.273	0.288	0.299	0.307	0.278	0.285	4.61
35) 1,3,5-Trichl	0.339	0.319	0.306	0.314	0.335	0.348	0.324	0.326	4.54
36) 1,2,4-Trichl	0.312	0.298	0.292	0.302	0.315	0.326	0.305	0.307	3.72
37) 1,2,3-Trichl	0.315	0.295	0.290	0.302	0.310	0.333	0.298	0.306	4.76
38) Naphthalene	1.102	1.035	0.993	1.032	1.043	1.110	1.041	1.051	3.95
39) 4-Chloroanil	0.441	0.416	0.419	0.439	0.454	0.439	0.430	0.434	3.03
40) 2,3-Dichloro	0.337	0.326	0.325	0.336	0.344	0.327	0.322	0.331	2.39
41) Hydroquinone	0.203	0.214	0.204	0.254	0.244	0.165	0.240	0.218	14.14
42) Hexachlorobu	0.174	0.169	0.162	0.167	0.171	0.175	0.166	0.169	2.76
43) 4-Chloro-3-m	0.292	0.283	0.282	0.304	0.315	0.311	0.295	0.297	4.32
44) 2-Methylnaph	0.635	0.595	0.592	0.601	0.634	0.648	0.601	0.615	3.74
45) 1-Methylnaph	0.610	0.574	0.566	0.581	0.599	0.608	0.580	0.588	2.94

Initial Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ420-ICC420
Lab FileID: CJ9756.D

46) I Acenaphthene-d10 ----------ISTD----------
47) Hexachlorocy 0.299 0.281 0.306 0.314 0.316 0.301 0.313 0.304 3.96
48) 1,2,4,5-tetr 0.546 0.522 0.519 0.536 0.554 0.536 0.544 0.537 2.36
49) 2,4,6-Trichl 0.387 0.368 0.374 0.394 0.379 0.355 0.390 0.378 3.61
50) 2,4,5-Trichl 0.364 0.353 0.380 0.389 0.412 0.376 0.366 0.377 5.08
51) 2-Fluorobiph 1.360 1.265 1.295 1.287 1.319 1.363 1.312 1.314 2.78
52) 2-Chloronaph 1.199 1.141 1.137 1.155 1.189 1.223 1.168 1.173 2.73
53) Biphenyl 1.578 1.504 1.501 1.519 1.523 1.582 1.564 1.539 2.26
54) 2-Nitroanili 0.344 0.316 0.349 0.371 0.379 0.370 0.343 0.353 6.22
55) Dimethylphth 1.390 1.320 1.353 1.350 1.392 1.445 1.358 1.373 2.96
56) Acenaphthyle 1.754 1.632 1.657 1.690 1.729 1.734 1.701 1.699 2.58
57) 2,6-Dinitrot 0.250 0.237 0.277 0.299 0.306 0.238 0.269 0.268 10.45
58) 3-Nitroanili 0.294 0.303 0.342 0.355 0.359 0.306 0.327 0.326 8.00
59) Acenaphthene 1.280 1.215 1.190 1.210 1.243 1.271 1.215 1.232 2.74
60) 2,4-Dinitrop 0.059 0.067 0.125 0.172 0.169 0.100 0.115 42.50
---- Quadratic regression ---- Coefficient = 0.9947
Response Ratio = -0.00964 + 0.12333 *A + 0.01400 *A^2

61) 4-Nitropheno 0.166 0.151 0.181 0.196 0.199 0.241 0.178 0.187 15.42
62) Dibenzofuran 1.725 1.570 1.616 1.619 1.663 1.738 1.648 1.654 3.65
63) 2,4-Dinitrot 0.334 0.324 0.394 0.413 0.421 0.349 0.372 0.372 10.30
64) 2,3,4,6-Tetr 0.298 0.276 0.294 0.310 0.319 0.312 0.302 0.301 4.65
65) Diethylphtha 1.415 1.338 1.366 1.399 1.445 1.609 1.390 1.423 6.24
66) Fluorene 1.349 1.273 1.287 1.318 1.325 1.379 1.325 1.322 2.72
67) 4-Chlorophen 0.594 0.565 0.579 0.585 0.604 0.626 0.598 0.593 3.30
68) 4-Nitroanili 0.318 0.308 0.347 0.369 0.375 0.331 0.344 0.341 7.25

69) I Phenanthrene-d10 ----------ISTD----------
70) 4,6-Dinitro- 0.057 0.071 0.105 0.127 0.133 0.091 0.097 30.88
---- Quadratic regression ---- Coefficient = 0.9953
Response Ratio = -0.00368 + 0.11115 *A + 0.01067 *A^2

71) n-Nitrosodip 0.648 0.639 0.649 0.649 0.695 0.690 0.666 0.662 3.35
72) 1,2-Diphenyl 0.819 0.787 0.794 0.784 0.839 0.817 0.810 0.807 2.47
73) pentachloron 0.032 0.030 0.033 0.036 0.037 0.029 0.033 0.033# 8.18
74) 2,4,6-Tribro 0.081 0.086 0.091 0.091 0.098 0.088 0.091 0.090 5.85
75) 4-Bromopheny 0.191 0.189 0.190 0.192 0.201 0.195 0.193 0.193 2.17
76) Hexachlorobe 0.212 0.194 0.199 0.199 0.212 0.225 0.202 0.206 5.16
77) Pentachlorop 0.121 0.129 0.141 0.148 0.156 0.117 0.140 0.136 10.59
78) Phenanthrene 1.178 1.099 1.106 1.092 1.153 1.281 1.123 1.147 5.79
79) Anthracene 1.184 1.096 1.110 1.106 1.163 1.227 1.128 1.145 4.22
80) Carbazole 1.090 1.044 1.057 1.052 1.129 1.329 1.092 1.113 8.93
81) Di-n-butylph 1.310 1.302 1.378 1.378 1.495 1.442 1.385 1.384 4.94
82) Fluoranthene 1.133 1.112 1.128 1.165 1.245 1.357 1.168 1.187 7.31
83) Octadecane 0.621 0.625 0.653 0.628 0.687 0.636 0.638 0.641 3.53

84) I Chrysene-d12 ----------ISTD----------
85) benzidine 0.912 0.852 0.754 0.911 0.830 0.901 0.860 7.18
86) Pyrene 1.467 1.412 1.475 1.439 1.476 1.744 1.442 1.494 7.56
87) Terphenyl-d1 0.994 0.928 0.991 0.965 1.017 1.175 0.954 1.003 8.07
88) Butylbenzylp 0.620 0.614 0.724 0.761 0.780 0.694 0.676 0.696 9.27
89) Benzo[a]anth 1.348 1.284 1.315 1.312 1.365 1.649 1.317 1.370 9.18
90) 3,3'-Dichlor 0.446 0.455 0.487 0.497 0.531 0.535 0.475 0.489 7.07
91) Chrysene 1.282 1.223 1.222 1.214 1.280 1.527 1.233 1.283 8.65
92) bis(2-Ethylh 0.946 0.941 1.098 1.113 1.156 1.024 1.027 1.044 7.93

93) I Perylene-d12 ----------ISTD----------
94) Di-n-octylph 1.539 1.551 1.818 1.849 1.980 1.611 1.715 1.723 9.67
95) Benzo[b]fluo 1.243 1.266 1.244 1.362 1.317 1.252 1.282 1.281 3.46

Initial Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ420-ICC420
Lab FileID: CJ9756.D

```
 96) Benzo[k]fluo 1.127 1.053 1.209 1.028 1.211 1.226 1.164       1.146   6.93
 97) Benzo[a]pyre 1.024 0.984 1.063 1.067 1.118 1.047 1.054       1.051   3.92
 98) Indeno[1,2,3 1.230 1.230 1.332 1.359 1.428 1.331 1.303       1.316   5.34
 99) Dibenz(a,h)a 0.833 0.809 0.904 0.935 0.972 0.886 0.865       0.886   6.42
100) Dibenz[a,h]a 0.997 0.975 1.078 1.072 1.131 1.033 1.053       1.049   5.01
101) 7,12-Dimethy 0.413 0.404 0.377 0.476 0.447 0.465 0.440       0.432   8.24
102) Benzo[g,h,i] 0.941 0.932 1.003 1.026 1.082 1.150 1.003       1.020   7.54

103)     1,4-Dichlorobenzene-d ----------------ISTD----------------------
104) Benzaldehyde 1.175 1.137 1.140 1.151 1.151 1.176 1.173       1.158   1.45

105)     Phenanthrene-d10a     ----------------ISTD----------------------
106) Atrazine     0.099 0.099 0.104 0.104 0.106 0.098 0.105       0.102   3.16

107) I   Naphthalene-d8a       ----------------ISTD----------------------
108) Caprolactam  0.176 0.164 0.179 0.171 0.175 0.141 0.184       0.170   8.39

109)     Phenanthrene-d10b     ----------------ISTD----------------------
110) 1-chloroocta 0.413 0.419 0.456 0.442 0.450 0.420 0.445       0.435   3.94
111) o-terphenyl  0.541 0.524 0.547 0.530 0.530 0.518 0.560       0.536   2.69


 --------------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

           mCJ420.m          Fri Dec 20 10:34:53 2024
```

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ420-ICV420
Lab FileID: CJ9772.D

Evaluate Continuing Calibration Report

Data File : C:\MassHunter\GCMS\1\data\ECJ420\cj9772.D Vial: 18
Acq On : 17 Dec 2024 09:42 pm Operator: rocquans
Sample : icv420-50 Inst : GCMSCJ
Misc : op58364,ecj420,30.0,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MassHunter\GC...methods\mCJ420.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Fri Dec 20 09:44:27 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00	4.39
2	t	1,4-Dioxane	0.497	0.544	-9.5	85	0.00	2.25
6	t	Indene	2.314	2.426	-4.8	77	0.00	4.55
7	t	Cumene	2.694	2.940	-9.1	81	0.00	3.91
11	t	bis(2-Chloroethyl)ether	1.324	1.401	-5.8	74	0.00	4.23
13	t	Decane	1.497	1.560	-4.2	79	0.00	4.30
14	t	1,3-Dichlorobenzene	1.525	1.637	-7.3	78	0.00	4.36
15	t	1,4-Dichlorobenzene	1.549	1.654	-6.8	79	0.00	4.40
16	t	Benzyl alcohol	0.917	0.952	-3.8	71	0.00	4.47
17	t	1,2-Dichlorobenzene	1.465	1.581	-7.9	78	0.00	4.50
18	t	Acetophenone	1.960	2.054	-4.8	76	0.00	4.63
20	t	2,2'-oxybis(1-Chloropropa	0.437	0.459	-5.0	76	0.00	4.55
23	t	Hexachloroethane	0.514	0.556	-8.2	79	0.00	4.70
24	I	Naphthalene-d8	1.000	1.000	0.0	75	0.00	5.14
26	t	Nitrobenzene	0.378	0.368	2.6	71	0.00	4.73
27	t	Quinoline	0.682	0.699	-2.5	75	0.00	5.35
28	t	Isophorone	0.671	0.696	-3.7	76	-0.01	4.86
32	t	bis(2-Chloroethoxy)methan	0.433	0.440	-1.6	74	0.00	4.99
35		1,3,5-Trichlorobenzene	0.326	0.339	-4.0	76	0.00	4.92
36	t	1,2,4-Trichlorobenzene	0.307	0.321	-4.6	77	0.00	5.11
37		1,2,3-Trichlorobenzene	0.306	0.309	-1.0	75	0.00	5.23
38	t	Naphthalene	1.051	1.075	-2.3	77	0.00	5.15
40	t	2,3-Dichloroaniline	0.331	0.329	0.6	72	0.00	5.73
42	t	Hexachlorobutadiene	0.169	0.175	-3.6	77	0.00	5.22
44	t	2-Methylnaphthalene	0.615	0.642	-4.4	76	0.00	5.56
45	t	1-Methylnaphthalene	0.588	0.603	-2.6	76	0.00	5.62
46	I	Acenaphthene-d10	1.000	1.000	0.0	72	0.00	6.24
47	t	Hexachlorocyclopentadiene	0.304	0.372	-22.4	85	0.00	5.66
48		1,2,4,5-tetrachlorobenzen	0.537	0.572	-6.5	75	0.00	5.67

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ420-ICV420
Lab FileID: CJ9772.D

52	t	2-Chloronaphthalene	1.173	1.244	-6.1	76	0.00	5.87
53	t	Biphenyl	1.539	1.610	-4.6	76	0.00	5.85
55	t	Dimethylphthalate	1.373	1.418	-3.3	74	0.00	6.04
56	t	Acenaphthylene	1.699	1.836	-8.1	77	0.00	6.15
57	t	2,6-Dinitrotoluene	0.268	0.290	-8.2	69	0.00	6.08
59	t	Acenaphthene	1.232	1.304	-5.8	76	0.00	6.27
62	t	Dibenzofuran	1.654	1.731	-4.7	75	0.00	6.39
63	t	2,4-Dinitrotoluene	0.372	0.398	-7.0	68	0.00	6.37
65	t	Diethylphthalate	1.423	1.454	-2.2	73	-0.01	6.54
66	t	Fluorene	1.322	1.409	-6.6	77	0.00	6.65
67	t	4-Chlorophenyl-phenylethe	0.593	0.641	-8.1	77	0.00	6.64
69	I	Phenanthrene-d10	1.000	1.000	0.0	77	0.00	7.41
72	t	1,2-Diphenylhydrazine	0.807	0.817	-1.2	75	0.00	6.76
73		pentachloronitrobenzene	0.033	0.035#	-6.1	72	-0.01	7.25
75	t	4-Bromophenyl-phenylether	0.193	0.201	-4.1	77	0.00	7.03
76	t	Hexachlorobenzene	0.206	0.208	-1.0	75	0.00	7.08
78	t	Phenanthrene	1.147	1.140	0.6	76	0.00	7.43
79	t	Anthracene	1.145	1.164	-1.7	77	0.00	7.47
80	t	Carbazole	1.113	1.092	1.9	74	0.00	7.60
81	t	Di-n-butylphthalate	1.384	1.424	-2.9	73	0.00	7.92
82	t	Fluoranthene	1.187	1.202	-1.3	74	0.00	8.49
83	t	Octadecane	0.641	0.660	-3.0	74	0.00	7.31
84	I	Chrysene-d12	1.000	1.000	0.0	71	0.00	9.87
86	t	Pyrene	1.494	1.586	-6.2	76	0.00	8.71
88	t	Butylbenzylphthalate	0.696	0.795	-14.2	72	0.00	9.34
89	t	Benzo[a]anthracene	1.370	1.428	-4.2	74	0.00	9.86
91	t	Chrysene	1.283	1.369	-6.7	76	-0.01	9.89
92	t	bis(2-Ethylhexyl)phthalat	1.044	1.209	-15.8	74	0.00	9.91
93	I	Perylene-d12	1.000	1.000	0.0	73	-0.01	11.20
94	t	Di-n-octylphthalate	1.723	1.982	-15.0	73	0.00	10.52
95	t	Benzo[b]fluoranthene	1.281	1.399	-9.2	77	-0.01	10.84
96	t	Benzo[k]fluoranthene	1.146	1.230	-7.3	74	-0.01	10.87
97	t	Benzo[a]pyrene	1.051	1.132	-7.7	74	-0.01	11.15
98	t	Indeno[1,2,3-cd]pyrene	1.316	1.416	-7.6	72	-0.01	12.37
99	t	Dibenz(a,h)acridine	0.886	0.971	-9.6	73	-0.01	12.10
100	t	Dibenz[a,h]anthracene	1.049	1.139	-8.6	73	-0.01	12.40
101	t	7,12-Dimethylbenz(a)anthr	0.432	0.345	20.1	56	0.00	10.84
102	t	Benzo[g,h,i]perylene	1.020	1.084	-6.3	73	-0.01	12.71

(#) = Out of Range SPCC's out = 0 CCC's out = 0
cj9756.D mCJ420.m Fri Dec 20 09:57:54 2024

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ420-ICV420
Lab FileID: CJ9773.D

Evaluate Continuing Calibration Report

Data File : C:\MassHunter\GCMS\1\data\ECJ420\cj9773.D Vial: 19
Acq On : 17 Dec 2024 10:00 pm Operator: rocquans
Sample : icv420-50 Inst : GCMSCJ
Misc : op58364,ecj420,30.0,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MassHunter\GC...methods\mCJ420.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Fri Dec 20 09:44:27 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00	4.39
9	t	Phenol	1.671	1.637	2.0	68	0.00	4.17
12	t	2-Chlorophenol	1.396	1.379	1.2	70	0.00	4.27
19	t	2-Methylphenol	1.226	1.216	0.8	69	0.00	4.53
21	t	3&4-Methylphenol	1.284	1.293	-0.7	72	0.00	4.62
24	I	Naphthalene-d8	1.000	1.000	0.0	74	0.00	5.14
29	t	2-Nitrophenol	0.174	0.180	-3.4	68	0.00	4.92
30	t	2,4-Dimethylphenol	0.362	0.359	0.8	71	0.00	4.93
31	t	Benzoic acid	0.250	0.266	-6.4	65	-0.02	4.99
33	t	2,4-Dichlorophenol	0.286	0.294	-2.8	71	0.00	5.05
34	t	2,6-Dichlorophenol	0.285	0.290	-1.8	71	0.00	5.18
41	t	Hydroquinone	0.218	0.346	-58.7#	105	0.00	5.35
43	t	4-Chloro-3-methylphenol	0.297	0.306	-3.0	72	0.00	5.45
46	I	Acenaphthene-d10	1.000	1.000	0.0	73	0.00	6.24
49	t	2,4,6-Trichlorophenol	0.378	0.385	-1.9	74	0.00	5.73
50	t	2,4,5-Trichlorophenol	0.377	0.391	-3.7	69	0.00	5.75
		----------	True	Calc.	% Drift	----------		
60	t	2,4-Dinitrophenol	100.000	90.901	9.1	59	0.00	6.27
		----------	AvgRF	CCRF	% Dev	----------		
61	t	4-Nitrophenol	0.187	0.188	-0.5	69	0.00	6.30
64		2,3,4,6-Tetrachlorophenol	0.301	0.305	-1.3	70	0.00	6.47
69	I	Phenanthrene-d10	1.000	1.000	0.0	79	0.00	7.41

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ420-ICV420
Lab FileID: CJ9773.D

		True	Calc.	% Drift			
70 t	4,6-Dinitro-2-methylpheno	50.000	45.636	8.7	65	-0.01	6.67
77 t	Pentachlorophenol	0.136	0.143	-5.1	72	0.00	7.24

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

cj9756.D mCJ420.m Fri Dec 20 09:57:56 2024

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ420-ICV420
Lab FileID: CJ9774.D

Evaluate Continuing Calibration Report

Data File : C:\MassHunter\GCMS\1\data\ECJ420\cj9774.D Vial: 20
Acq On : 17 Dec 2024 10:18 pm Operator: rocquans
Sample : icv420-50 Inst : GCMSCJ
Misc : op58364,ecj420,30.0,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MassHunter\GC...methods\mCJ420.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Fri Dec 20 09:44:27 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	132	0.00	4.39
3	t	Pyridine	1.342	1.318	1.8	127	0.00	2.54
4	t	N-Nitrosodimethylamine	0.744	0.778	-4.6	126	0.00	2.52
10		Aniline	2.082	2.050	1.5	122	0.00	4.19
22	t	n-Nitroso-di-n-propylamin	0.953	0.947	0.6	126	0.00	4.63
24	I	Naphthalene-d8	1.000	1.000	0.0	129	0.00	5.14
39	t	4-Chloroaniline	0.434	0.446	-2.8	127	0.00	5.17
46	I	Acenaphthene-d10	1.000	1.000	0.0	130	0.00	6.25
54	t	2-Nitroaniline	0.353	0.364	-3.1	125	0.00	5.93
58	t	3-Nitroaniline	0.326	0.348	-6.7	126	0.00	6.20
68	t	4-Nitroaniline	0.341	0.344	-0.9	120	-0.01	6.65
69	I	Phenanthrene-d10	1.000	1.000	0.0	139	0.00	7.41
		----------	AvgRF	CCRF	% Dev	----------		
71	t	n-Nitrosodiphenylamine	0.662	0.621	6.2	125	0.00	6.73
84	I	Chrysene-d12	1.000	1.000	0.0	129	-0.01	9.86
85		benzidine	0.860	1.073	-24.8	166	0.00	8.62
90	t	3,3'-Dichlorobenzidine	0.489	0.497	-1.6	120	0.00	9.83

(#) = Out of Range SPCC's out = 0 CCC's out = 0
cj9756.D mCJ420.m Fri Dec 20 09:57:58 2024

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ420-ICV420
Lab FileID: CJ9775.D

Evaluate Continuing Calibration Report

Data File : C:\MassHunter\GCMS\1\data\ECJ420\cj9775.D Vial: 21
Acq On : 17 Dec 2024 10:36 pm Operator: rocquans
Sample : icv420-50 Inst : GCMSCJ
Misc : op58364,ecj420,30.0,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MassHunter\GC...methods\mCJ420.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Fri Dec 20 10:31:16 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
103	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	94	0.00	4.39
104	Benzaldehyde	1.158	1.117	3.5	91	0.00	4.13
105	Phenanthrene-d10a	1.000	1.000	0.0	105	0.00	7.41
106	Atrazine	0.102	0.095	6.9	94	0.00	7.15
107 I	Naphthalene-d8a	1.000	1.000	0.0	96	0.00	5.14
108 T	Caprolactam	0.170	0.171	-0.6	94	0.00	5.37

(#) = Out of Range SPCC's out = 0 CCC's out = 0
cj9769A.D mCJ420.m Fri Dec 20 10:35:12 2024

Continuing Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ451-CC420
Lab FileID: CJ10549.D

Evaluate Continuing Calibration Report

Data File : X:\Dayton SVOA GCMS\...eleb\ecj451\cj10549.D Vial: 2
Acq On : 27 Jan 2025 04:55 pm Operator: anthonyo
Sample : cc420-50 Inst : GCMSCJ
Misc : op60814,ecj451,30.0,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...methods\mCJ420.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Tue Jan 28 01:05:16 2025
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00	4.10
2	t	1,4-Dioxane	0.497	0.485	2.4	65	0.00	1.86
3	t	Pyridine	1.342	1.377	-2.6	64	0.00	2.21
4	t	N-Nitrosodimethylamine	0.744	0.790	-6.2	62	0.00	2.17
5	S	2-Fluorophenol	1.233	1.244	-0.9	62	0.00	3.30
6	t	Indene	2.314	2.325	-0.5	62	0.00	4.25
7	t	Cumene	2.694	2.832	-5.1	66	0.00	3.58
8	S	Phenol-d5	1.554	1.607	-3.4	62	0.00	3.94
9	t	Phenol	1.671	1.695	-1.4	60	0.00	3.95
10		Aniline	2.082	2.020	3.0	58	0.00	3.92
11	t	bis(2-Chloroethyl)ether	1.324	1.382	-4.4	62	0.00	3.95
12	t	2-Chlorophenol	1.396	1.421	-1.8	61	0.00	3.99
13	t	Decane	1.497	1.290	13.8	56	0.00	3.98
14	t	1,3-Dichlorobenzene	1.525	1.545	-1.3	63	0.00	4.07
15	t	1,4-Dichlorobenzene	1.549	1.575	-1.7	64	0.00	4.11
16	t	Benzyl alcohol	0.917	0.944	-2.9	60	0.00	4.21
17	t	1,2-Dichlorobenzene	1.465	1.487	-1.5	63	0.00	4.20
18	t	Acetophenone	1.960	2.086	-6.4	66	0.00	4.35
19	t	2-Methylphenol	1.226	1.271	-3.7	62	0.00	4.29
20	t	2,2'-oxybis(1-Chloropropa	0.437	0.433	0.9	61	0.00	4.26
21	t	3&4-Methylphenol	1.284	1.322	-3.0	63	0.00	4.39
22	t	n-Nitroso-di-n-propylamin	0.953	0.984	-3.3	63	0.00	4.35
23	t	Hexachloroethane	0.514	0.597	-16.1	72	0.00	4.40
24	I	Naphthalene-d8	1.000	1.000	0.0	62	0.00	4.85
25	S	Nitrobenzene-d5	0.387	0.397	-2.6	62	0.00	4.45
26	t	Nitrobenzene	0.378	0.416	-10.1	66	0.00	4.46
27	t	Quinoline	0.682	0.728	-6.7	64	0.00	5.07
28	t	Isophorone	0.671	0.723	-7.7	65	0.00	4.58
29	t	2-Nitrophenol	0.174	0.206	-18.4	66	0.00	4.64
30	t	2,4-Dimethylphenol	0.362	0.400	-10.5	67	0.00	4.68
31	t	Benzoic acid	0.250	0.317	-26.8#	66	0.00	4.78
32	t	bis(2-Chloroethoxy)methan	0.433	0.445	-2.8	62	0.00	4.71
33	t	2,4-Dichlorophenol	0.286	0.317	-10.8	65	0.00	4.79
34	t	2,6-Dichlorophenol	0.285	0.311	-9.1	65	0.00	4.91
35		1,3,5-Trichlorobenzene	0.326	0.355	-8.9	66	0.00	4.63
36	t	1,2,4-Trichlorobenzene	0.307	0.337	-9.8	67	0.00	4.81
37		1,2,3-Trichlorobenzene	0.306	0.335	-9.5	67	0.00	4.94
38	t	Naphthalene	1.051	1.055	-0.4	63	0.00	4.86
39	t	4-Chloroaniline	0.434	0.451	-3.9	62	0.00	4.91
40	t	2,3-Dichloroaniline	0.331	0.355	-7.3	64	0.00	5.43
41	t	Hydroquinone	0.218	0.314	-44.0#	80	0.00	5.13

Continuing Calibration Summary

Job Number: JE4646 **Sample:** ECJ451-CC420
Account: ENVTRAC EnviroTrac Ltd. **Lab FileID:** CJ10549.D
Project: 1301 Metropolitan Avenue, Brooklyn, NY

42	t	Hexachlorobutadiene	0.169	0.215	-27.2#	78	0.00	4.92
43	t	4-Chloro-3-methylphenol	0.297	0.351	-18.2	70	0.00	5.19
44	t	2-Methylnaphthalene	0.615	0.650	-5.7	64	0.00	5.25
45	t	1-Methylnaphthalene	0.588	0.630	-7.1	66	0.00	5.31
46	I	Acenaphthene-d10	1.000	1.000	0.0	65	0.00	5.90
47	t	Hexachlorocyclopentadiene	0.304	0.341	-12.2	70	0.00	5.34
48		1,2,4,5-tetrachlorobenzen	0.537	0.616	-14.7	72	0.00	5.35
49	t	2,4,6-Trichlorophenol	0.378	0.419	-10.8	71	0.00	5.43
50	t	2,4,5-Trichlorophenol	0.377	0.450	-19.4	71	0.00	5.46
51	S	2-Fluorobiphenyl	1.314	1.390	-5.8	68	0.00	5.47
52	t	2-Chloronaphthalene	1.173	1.189	-1.4	65	0.00	5.55
53	t	Biphenyl	1.539	1.581	-2.7	67	0.00	5.53
54	t	2-Nitroaniline	0.353	0.407	-15.3	69	0.00	5.63
55	t	Dimethylphthalate	1.373	1.492	-8.7	69	0.00	5.72
56	t	Acenaphthylene	1.699	1.746	-2.8	65	0.00	5.81
57	t	2,6-Dinitrotoluene	0.268	0.337	-25.7#	71	0.00	5.77
58	t	3-Nitroaniline	0.326	0.362	-11.0	65	0.00	5.90
59	t	Acenaphthene	1.232	1.311	-6.4	68	0.00	5.92

			True	Calc.	% Drift			
60	t	2,4-Dinitrophenol	100.000	132.425	-32.4#	84	0.00	5.96

			AvgRF	CCRF	% Dev			
61	t	4-Nitrophenol	0.187	0.250	-33.7#	81	0.00	6.05
62	t	Dibenzofuran	1.654	1.753	-6.0	68	0.00	6.04
63	t	2,4-Dinitrotoluene	0.372	0.471	-26.6#	72	0.00	6.04
64		2,3,4,6-Tetrachlorophenol	0.301	0.354	-17.6	72	0.00	6.14
65	t	Diethylphthalate	1.423	1.591	-11.8	71	0.00	6.19
66	t	Fluorene	1.322	1.392	-5.3	68	0.00	6.28
67	t	4-Chlorophenyl-phenylethe	0.593	0.680	-14.7	73	0.00	6.27
68	t	4-Nitroaniline	0.341	0.363	-6.5	63	0.00	6.34
69	I	Phenanthrene-d10	1.000	1.000	0.0	72	0.00	7.01

			True	Calc.	% Drift			
70	t	4,6-Dinitro-2-methylpheno	50.000	59.916	-19.8	81	0.00	6.34

			AvgRF	CCRF	% Dev			
71	t	n-Nitrosodiphenylamine	0.662	0.652	1.5	68	0.00	6.37
72	t	1,2-Diphenylhydrazine	0.807	0.882	-9.3	76	0.00	6.39
73		pentachloronitrobenzene	0.033	0.040#	-21.2#	79	0.00	6.86
74	S	2,4,6-Tribromophenol	0.090	0.105	-16.7	77	0.00	6.47
75	t	4-Bromophenyl-phenylether	0.193	0.213	-10.4	76	0.00	6.64
76	t	Hexachlorobenzene	0.206	0.226	-9.7	77	0.00	6.70
77	t	Pentachlorophenol	0.136	0.151	-11.0	70	0.00	6.87
78	t	Phenanthrene	1.147	1.124	2.0	70	0.00	7.03
79	t	Anthracene	1.145	1.161	-1.4	72	0.00	7.07
80	t	Carbazole	1.113	1.090	2.1	69	0.00	7.23
81	t	Di-n-butylphthalate	1.384	1.483	-7.2	71	0.00	7.50
82	t	Fluoranthene	1.187	1.285	-8.3	74	0.00	8.07
83	t	Octadecane	0.641	0.537	16.2	56	0.00	6.87
84	I	Chrysene-d12	1.000	1.000	0.0	79	0.00	9.43
85		benzidine	0.860	0.496	42.3#	47#	0.00	8.22
86	t	Pyrene	1.494	1.446	3.2	77	0.00	8.28
87	S	Terphenyl-d14	1.003	1.015	-1.2	78	0.00	8.42
88	t	Butylbenzylphthalate	0.696	0.744	-6.9	75	0.00	8.90
89	t	Benzo[a]anthracene	1.370	1.364	0.4	79	0.00	9.41
90	t	3,3'-Dichlorobenzidine	0.489	0.499	-2.0	74	0.00	9.41

Continuing Calibration Summary

Job Number: JE4646 **Sample:** ECJ451-CC420
Account: ENVTRAC EnviroTrac Ltd. **Lab FileID:** CJ10549.D
Project: 1301 Metropolitan Avenue, Brooklyn, NY

91	t	Chrysene	1.283	1.274	0.7	78	0.00	9.45
92	t	bis(2-Ethylhexyl)phthalat	1.044	1.102	-5.6	75	0.00	9.43
93	I	Perylene-d12	1.000	1.000	0.0	78	0.00	10.72
94	t	Di-n-octylphthalate	1.723	1.851	-7.4	73	0.00	10.03
95	t	Benzo[b]fluoranthene	1.281	1.429	-11.6	85	0.00	10.40
96	t	Benzo[k]fluoranthene	1.146	1.084	5.4	70	0.00	10.42
97	t	Benzo[a]pyrene	1.051	1.113	-5.9	78	0.00	10.67
98	t	Indeno[1,2,3-cd]pyrene	1.316	1.368	-4.0	75	0.00	11.70
99	t	Dibenz(a,h)acridine	0.886	0.951	-7.3	77	0.00	11.46
100	t	Dibenz[a,h]anthracene	1.049	1.093	-4.2	76	0.00	11.71
101	t	7,12-Dimethylbenz(a)anthr	0.432	0.529	-22.5#	93	0.00	10.38
102	t	Benzo[g,h,i]perylene	1.020	1.022	-0.2	74	0.00	11.98

(#) = Out of Range SPCC's out = 0 CCC's out = 0
cj10550.D mCJ420.m Tue Jan 28 01:11:54 2025

Continuing Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ451-CC420
Lab FileID: CJ10550.D

Evaluate Continuing Calibration Report

Data File : X:\Dayton SVOA GCMS\...eleb\ecj451\cj10550.D Vial: 3
Acq On : 27 Jan 2025 05:13 pm Operator: anthonyo
Sample : cc420-50 Inst : GCMSCJ
Misc : op60814,ecj451,30.0,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...methods\mCJ420.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Tue Jan 28 01:05:16 2025
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
103	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	105	0.00	4.10
104	Benzaldehyde	1.158	1.152	0.5	105	0.00	3.84
105	Phenanthrene-d10a	1.000	1.000	0.0	116	0.00	7.01
106	Atrazine	0.102	0.115	-12.7	126	0.00	6.78
107 I	Naphthalene-d8a	1.000	1.000	0.0	103	0.00	4.85
108 T	Caprolactam	0.170	0.170	0.0	100	0.00	5.11
109	Phenanthrene-d10b	1.000	1.000	0.0	116	0.00	7.01
110 s	1-chlorooctadecane	0.435	0.401	7.8	103	0.00	7.93
111 s	o-terphenyl	0.536	0.590	-10.1	129	0.00	7.33

(#) = Out of Range SPCC's out = 0 CCC's out = 0
cj10550.D mCJ420.m Tue Jan 28 01:11:56 2025

Continuing Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: ECJ451-CC420
Lab FileID: CJ10551.D

Low Level Verification Report

Data File : X:\Dayton SVOA GCMS\...eleb\ecj451\cj10551.D Vial: 4
Acq On : 27 Jan 2025 05:31 pm Operator: anthonyo
Sample : cc420-10 Inst : GCMSCJ
Misc : op60814,ecj451,30.0,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...methods\mCJ420.m (RTE Integrator)
Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
Last Update : Tue Jan 28 01:05:16 2025
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 100% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
84 I	Chrysene-d12	1.000	1.000	0.0	73	0.00	9.42
85	benzidine	0.860	0.558	35.1	45#	0.00	8.22

(#) = Out of Range SPCC's out = 0 CCC's out = 0
cj9767A.D mCJ420.m Tue Jan 28 01:53:46 2025

Initial Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9899-ICC9899
Lab FileID: F222739.D

Response Factor Report GCMSF

Method : C:\MSDCHEM\1\METHODS\MF9899.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Dec 06 10:48:19 2024
Response via : Initial Calibration

Calibration Files
2 =F222734.D 5 =F222735.D 25 =F222737.D 80 =F222738.D
100 =F222740.D 50 =F222739.D 10 =F222736.D 1 =F222733.D

Compound	2	5	25	80	100	50	10	1	Avg	%RSD
1) I 1,4-Dichlorobenzene-d	ISTD									
2) 1,4-Dioxane	0.619	0.535	0.435	0.436	0.489	0.451	0.490	0.587	0.505	13.73
3) Pyridine	1.055	1.185	1.195	1.222	1.380	1.278	1.144	0.885	1.168	12.72
4) N-Nitrosodim	0.756	0.529	0.566	0.561	0.621	0.587	0.553	0.683	0.607	12.62
5) 2-Fluorophen	1.073	0.967	1.067	1.082	1.243	1.126	1.023	1.013	1.074	7.80
6) Indene	2.007	2.057	2.054	2.092	2.376	2.171	2.002	2.075	2.104	5.79
7) Cumene	2.329	2.245	2.204	2.261	2.547	2.333	2.238	2.246	2.300	4.75
8) Phenol-d5	1.118	1.222	1.246	1.293	1.461	1.326	1.251	1.073	1.249	9.66
9) Phenol	1.350	1.304	1.370	1.423	1.579	1.457	1.327	1.347	1.395	6.44
10) Aniline	1.742	1.673	1.755	1.766	1.977	1.825	1.680	1.736	1.769	5.47
11) bis(2-Chloro	1.015	1.064	1.052	1.074	1.216	1.128	1.085	1.102	1.092	5.53
12) 2-Chlorophen	1.186	1.090	1.184	1.229	1.376	1.269	1.147	1.129	1.201	7.50
13) Decane	1.214	1.119	1.142	1.135	1.279	1.195	1.179	1.211	1.184	4.42
14) 1,3-Dichloro	1.419	1.361	1.388	1.420	1.595	1.459	1.344	1.425	1.426	5.43
15) 1,4-Dichloro	1.446	1.421	1.419	1.449	1.628	1.496	1.421	1.407	1.461	5.00
16) Benzyl alcoh	0.719	0.693	0.738	0.762	0.865	0.785	0.690	0.651	0.738	9.05
17) 1,2-Dichloro	1.380	1.336	1.342	1.372	1.566	1.410	1.361	1.421	1.399	5.27
18) Acetophenone	1.711	1.687	1.686	1.731	1.940	1.816	1.681	1.667	1.740	5.38
19) 2-Methylphen	0.933	1.007	1.012	1.057	1.183	1.091	0.984	0.949	1.027	7.96
20) 2,2'-oxybis(	0.361	0.337	0.321	0.351	0.381	0.353	0.329	0.349	0.348	5.42
21) 3&4-Methylph	1.062	0.994	1.075	1.121	1.275	1.176	1.048	0.946	1.087	9.55
22) n-Nitroso-di	0.756	0.785	0.806	0.803	0.886	0.840	0.808	0.664	0.793	8.16
23) Hexachloroet	0.582	0.502	0.552	0.573	0.657	0.592	0.533	0.512	0.563	8.89
24) I Naphthalene-d8	ISTD									
25) Nitrobenzene	0.261	0.248	0.279	0.301	0.335	0.305	0.277	0.275	0.285	9.65
26) Nitrobenzene	0.280	0.283	0.305	0.328	0.357	0.329	0.303	0.265	0.306	9.93
27) Quinoline	0.611	0.579	0.598	0.623	0.704	0.646	0.602	0.626	0.624	6.09
28) Isophorone	0.543	0.537	0.537	0.566	0.628	0.582	0.547	0.534	0.559	5.79
29) 2-Nitropheno		0.115	0.128	0.163	0.191	0.156	0.118		0.145	20.72
----- Quadratic regression ----- Coefficient = 0.9980										
Response Ratio = 0.00008 + 0.11047 *A + 0.03073 *A^2										
30) 2,4-Dimethyl	0.292	0.287	0.303	0.322	0.363	0.330	0.304	0.270	0.309	9.41
31) Benzoic acid		0.097	0.155	0.200	0.237	0.190	0.124		0.167	30.91
----- Quadratic regression ----- Coefficient = 0.9980										
Response Ratio = -0.00598 + 0.14080 *A + 0.03715 *A^2										
32) bis(2-Chloro	0.347	0.340	0.346	0.370	0.412	0.378	0.358	0.366	0.365	6.34
33) 2,4-Dichloro	0.246	0.255	0.263	0.296	0.328	0.291	0.261	0.247	0.273	10.61
34) 2,6-Dichloro	0.249	0.258	0.269	0.299	0.339	0.300	0.266	0.258	0.280	10.87
35) 1,3,5-Trichl	0.343	0.336	0.343	0.367	0.414	0.371	0.348	0.322	0.355	8.05
36) 1,2,4-Trichl	0.325	0.307	0.320	0.347	0.386	0.347	0.318	0.296	0.331	8.64
37) 1,2,3-Trichl	0.335	0.319	0.315	0.347	0.395	0.356	0.323	0.302	0.337	8.73
38) Naphthalene	0.982	0.923	0.917	0.967	1.079	0.985	0.939	0.925	0.965	5.53
39) 4-Chloroanil	0.358	0.373	0.387	0.417	0.467	0.429	0.394	0.379	0.400	8.85

Initial Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9899-ICC9899
Lab FileID: F222739.D

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40) 2,3-Dichloro 0.311 0.317 0.320 0.345 0.391 0.350 0.330 0.290 0.332   9.23
41) Hydroquinone 0.230 0.246 0.262 0.282 0.309 0.290 0.261 0.226 0.263  11.04
42) Hexachlorobu 0.205 0.199 0.202 0.219 0.250 0.225 0.205 0.191 0.212   8.75
43) 4-Chloro-3-m 0.231 0.221 0.240 0.258 0.290 0.270 0.247 0.214 0.246  10.36
44) 2-Methylnaph 0.560 0.546 0.557 0.592 0.671 0.601 0.571 0.545 0.581   7.19
45) 1-Methylnaph 0.606 0.576 0.576 0.621 0.690 0.620 0.596 0.562 0.606   6.65

46) I   Acenaphthene-d10      ----------------ISTD--------------------
47) Hexachlorocy       0.299 0.366 0.430 0.489 0.422 0.339       0.391  17.68
48) 1,2,4,5-tetr 0.658 0.618 0.667 0.701 0.791 0.718 0.656 0.558 0.671  10.32
49) 2,4,6-Trichl 0.324 0.366 0.394 0.429 0.480 0.434 0.362 0.325 0.389  14.27
50) 2,4,5-Trichl 0.390 0.376 0.435 0.479 0.538 0.489 0.411       0.445  13.19
51) 2-Fluorobiph 1.350 1.322 1.348 1.435 1.602 1.475 1.374 1.314 1.402   6.97
52) 2-Chloronaph 1.156 1.117 1.170 1.231 1.382 1.259 1.179 1.158 1.207   6.95
53) Biphenyl     1.489 1.446 1.500 1.571 1.737 1.610 1.523 1.515 1.549   5.88
54) 2-Nitroanili       0.214 0.265 0.293 0.324 0.299 0.236       0.272  15.30
55) Dimethylphth 1.242 1.267 1.294 1.341 1.504 1.379 1.313 1.248 1.323   6.54
56) Acenaphthyle 1.534 1.537 1.652 1.744 1.927 1.771 1.696 1.492 1.669   8.79
57) 2,6-Dinitrot 0.132 0.162 0.232 0.268 0.312 0.263 0.194 0.140 0.213  31.02
         ----- Quadratic regression -----              Coefficient =  0.9980
              Response Ratio = -0.00262 + 0.20199 *A + 0.04156 *A^2

58) 3-Nitroanili       0.212 0.278 0.322 0.357 0.315 0.248       0.289  18.35
59) Acenaphthene 1.285 1.207 1.229 1.261 1.415 1.301 1.242 1.350 1.286   5.34
60) 2,4-Dinitrop 0.049 0.061 0.105 0.159 0.189 0.141 0.080       0.112  47.09
         ----- Quadratic regression -----              Coefficient =  0.9988
              Response Ratio = -0.00481 + 0.08380 *A + 0.02075 *A^2

61) 4-Nitropheno       0.127 0.162 0.177 0.201 0.180 0.149       0.166  15.64
62) Dibenzofuran 1.731 1.702 1.692 1.797 2.004 1.848 1.742 1.763 1.785   5.70
63) 2,4-Dinitrot 0.196 0.212 0.317 0.382 0.433 0.375 0.265 0.173 0.294  32.99
         ----- Quadratic regression -----              Coefficient =  0.9983
              Response Ratio = -0.00422 + 0.28441 *A + 0.05812 *A^2

64) 2,3,4,6-Tetr       0.261 0.332 0.371 0.412 0.372 0.312       0.343  15.46
65) Diethylphtha 1.287 1.347 1.361 1.427 1.566 1.453 1.365 1.320 1.391   6.37
66) Fluorene     1.314 1.251 1.368 1.450 1.639 1.469 1.324 1.228 1.381   9.76
67) 4-Chlorophen 0.733 0.706 0.707 0.748 0.841 0.771 0.720 0.768 0.749   5.97
68) 4-Nitroanili       0.241 0.302 0.326 0.358 0.343 0.277       0.308  14.24

69) I   Phenanthrene-d10      ----------------ISTD--------------------
70) 4,6-Dinitro-       0.040 0.070 0.100 0.115 0.090 0.055       0.078  36.37
         ----- Quadratic regression -----              Coefficient =  0.9992
              Response Ratio = -0.00337 + 0.06384 *A + 0.02060 *A^2

71) n-Nitrosodip 0.571 0.555 0.565 0.607 0.687 0.626 0.584 0.514 0.589   8.83
72) 1,2-Diphenyl 0.588 0.621 0.609 0.622 0.684 0.644 0.631 0.580 0.622   5.26
73) 2,4,6-Tribro       0.080 0.091 0.101 0.115 0.106 0.091       0.097  12.82
74) 4-Bromopheny 0.215 0.192 0.210 0.221 0.247 0.223 0.208 0.198 0.214   7.91
75) Hexachlorobe 0.239 0.215 0.217 0.231 0.260 0.238 0.231 0.208 0.230   7.18
76) Pentachlorop 0.096 0.104 0.137 0.161 0.182 0.160 0.127       0.138  22.87
         ----- Quadratic regression -----              Coefficient =  0.9986
              Response Ratio = -0.00431 + 0.12945 *A + 0.01005 *A^2

77) Phenanthrene 1.061 1.001 0.997 1.061 1.188 1.079 1.044 1.074 1.063   5.59
78) Anthracene   1.050 0.967 1.013 1.080 1.211 1.102 1.019 0.919 1.045   8.53
79) Carbazole    0.933 0.872 0.933 1.000 1.125 1.029 0.938 0.834 0.958   9.59
80) Di-n-butylph 0.993 0.995 1.116 1.236 1.390 1.251 1.097 0.971 1.131  13.24
81) Fluoranthene 1.039 1.036 1.145 1.234 1.397 1.252 1.116 0.977 1.150  12.09
82) Octadecane   0.316 0.337 0.366 0.379 0.419 0.394 0.362 0.301 0.359  11.05
```

Initial Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9899-ICC9899
Lab FileID: F222739.D

```
 83) I   Chrysene-d12          ----------------ISTD--------------------
 84) Benzidine    0.553 0.601 0.706 0.806 0.900 0.733 0.643 0.690 0.704  15.84
 85) Pyrene       1.252 1.253 1.291 1.334 1.487 1.381 1.306 1.271 1.322   6.01
 86) Terphenyl-d1 0.899 0.882 0.895 0.952 1.054 0.985 0.931 0.885 0.936   6.42
 87) Butylbenzylp 0.287 0.339 0.456 0.525 0.588 0.524 0.413       0.447  24.23
          ----- Quadratic regression -----                Coefficient =  0.9979
               Response Ratio = -0.00729 + 0.41936 *A + 0.06664 *A^2

 88) Benzo[a]anth 1.113 1.065 1.155 1.250 1.391 1.286 1.143 1.107 1.189   9.29
 89) 3,3'-Dichlor 0.318 0.360 0.441 0.502       0.515 0.402       0.423  18.41
 90) Chrysene     1.279 1.219 1.207 1.248 1.382 1.303 1.256 1.237 1.266   4.43
 91) bis(2-Ethylh 0.471 0.547 0.735 0.829 0.930 0.838 0.666       0.717  23.13
          ----- Quadratic regression -----                Coefficient =  0.9977
               Response Ratio = -0.01146 + 0.67822 *A + 0.09901 *A^2


 92) I   Perylene-d12          ----------------ISTD--------------------
 93) Di-n-octylph 0.524 0.678 1.066 1.297 1.469 1.277 0.875       1.026  33.99
          ----- Quadratic regression -----                Coefficient =  0.9984
               Response Ratio = -0.03098 + 1.00592 *A + 0.18191 *A^2

 94) Benzo[b]fluo 0.980 1.002 1.141 1.279 1.431 1.299 1.085 0.847 1.133  17.09
 95) Benzo[k]fluo 0.990 1.036 1.186 1.227 1.351 1.264 1.146 0.947 1.143  12.39
 96) Benzo[a]pyre 0.769 0.829 0.966 1.064 1.185 1.077 0.915 0.704 0.939  17.71
 97) Indeno[1,2,3 0.830 0.815 0.984 1.118 1.277 1.138 0.934 0.677 0.972  20.41
          ----- Quadratic regression -----                Coefficient =  0.9982
               Response Ratio = -0.00670 + 0.92225 *A + 0.13173 *A^2

 98) Dibenz(a,h)a       0.684 0.794 0.910 1.031 0.919 0.742       0.847  15.23
 99) Dibenz[a,h]a 0.794 0.890 1.014 1.121 1.274 1.140 0.969 0.726 0.991  18.69
100) 7,12-Dimethy       0.395 0.474 0.526 0.588 0.535 0.438       0.493  14.29
101) Benzo[g,h,i] 0.799 0.860 0.963 1.053 1.189 1.083 0.941 0.721 0.951  16.36

 ----------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

           MF9899.M          Fri Dec 06 10:50:29 2024   RT1
```

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9899-ICV9899
Lab FileID: F222741.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF9899\f222741.D Vial: 10
Acq On : 7 Nov 2024 12:06 pm Operator: jackleey
Sample : icv9899-50 Inst : GCMSF
Misc : op58797b,ef9899,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\MF9899.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Dec 06 11:47:12 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.07	4.77
2	t	1,4-Dioxane	0.505	0.481	4.8	110	0.18	2.70
6	t	Indene	2.104	2.264	-7.6	107	0.07	4.94
7	t	Cumene	2.300	2.444	-6.3	108	0.09	4.22
11	t	bis(2-Chloroethyl)ether	1.092	1.119	-2.5	102	0.07	4.57
13	t	Decane	1.184	1.250	-5.6	108	0.07	4.65
14	t	1,3-Dichlorobenzene	1.426	1.510	-5.9	106	0.07	4.72
15	t	1,4-Dichlorobenzene	1.461	1.558	-6.6	107	0.07	4.78
16	t	Benzyl alcohol	0.738	0.785	-6.4	103	0.06	4.86
17	t	1,2-Dichlorobenzene	1.399	1.487	-6.3	108	0.07	4.88
18	t	Acetophenone	1.740	1.829	-5.1	104	0.06	5.04
20	t	2,2'-oxybis(1-Chloropropa	0.348	0.370	-6.3	108	0.07	4.95
23	t	Hexachloroethane	0.563	0.604	-7.3	105	0.06	5.12
24	I	Naphthalene-d8	1.000	1.000	0.0	102	0.06	5.66
26	t	Nitrobenzene	0.306	0.337	-10.1	104	0.06	5.16
27	t	Quinoline	0.624	0.657	-5.3	103	0.05	5.91
28	t	Isophorone	0.559	0.605	-8.2	106	0.06	5.33
32	t	bis(2-Chloroethoxy)methan	0.365	0.381	-4.4	102	0.06	5.48
35		1,3,5-Trichlorobenzene	0.355	0.381	-7.3	104	0.06	5.39
36	t	1,2,4-Trichlorobenzene	0.331	0.364	-10.0	107	0.06	5.61
37		1,2,3-Trichlorobenzene	0.337	0.371	-10.1	106	0.06	5.77
38	t	Naphthalene	0.965	1.054	-9.2	109	0.06	5.67
40	t	2,3-Dichloroaniline	0.332	0.352	-6.0	102	0.06	6.38
42	t	Hexachlorobutadiene	0.212	0.228	-7.5	103	0.06	5.75
44	t	2-Methylnaphthalene	0.581	0.621	-6.9	105	0.06	6.17
45	t	1-Methylnaphthalene	0.606	0.631	-4.1	103	0.06	6.25
46	I	Acenaphthene-d10	1.000	1.000	0.0	102	0.08	7.04
47	t	Hexachlorocyclopentadiene	0.391	0.470	-20.2	114	0.07	6.29
48	t	1,2,4,5-tetrachlorobenzen	0.671	0.753	-12.2	107	0.06	6.29

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9899-ICV9899
Lab FileID: F222741.D

52	t	2-Chloronaphthalene	1.207	1.295	-7.3	105	0.09	6.55
53	t	Biphenyl	1.549	1.619	-4.5	103	0.07	6.54
55	t	Dimethylphthalate	1.323	1.419	-7.3	105	0.07	6.80
56	t	Acenaphthylene	1.669	1.882	-12.8	109	0.07	6.91
		----------	True	Calc.	% Drift	----------		
57	t	2,6-Dinitrotoluene	50.000	52.607	-5.2	104	0.07	6.85
		----------	AvgRF	CCRF	% Dev	----------		
59	t	Acenaphthene	1.286	1.365	-6.1	107	0.08	7.07
		----------	True	Calc.	% Drift	----------		
62	t	Dibenzofuran	1.785	1.910	-7.0	106	0.08	7.24
		----------	True	Calc.	% Drift	----------		
63	t	2,4-Dinitrotoluene	50.000	50.349	-0.7	97	0.07	7.22
		----------	AvgRF	CCRF	% Dev	----------		
65	t	Diethylphthalate	1.391	1.501	-7.9	106	0.08	7.47
66	t	Fluorene	1.381	1.523	-10.3	106	0.08	7.59
67	t	4-Chlorophenyl-phenylethe	0.749	0.793	-5.9	105	0.08	7.59
69	I	Phenanthrene-d10	1.000	1.000	0.0	106	0.09	8.67
72	t	1,2-Diphenylhydrazine	0.622	0.642	-3.2	106	0.09	7.76
74	t	4-Bromophenyl-phenylether	0.214	0.221	-3.3	105	0.09	8.13
75	t	Hexachlorobenzene	0.230	0.237	-3.0	106	0.09	8.19
77	t	Phenanthrene	1.063	1.099	-3.4	108	0.09	8.70
78	t	Anthracene	1.045	1.103	-5.6	106	0.09	8.76
79	t	Carbazole	0.958	1.020	-6.5	105	0.08	8.97
80	t	Di-n-butylphthalate	1.131	1.258	-11.2	107	0.10	9.49
81	t	Fluoranthene	1.150	1.268	-10.3	107	0.10	10.32
82	t	Octadecane	0.359	0.389	-8.4	105	0.10	8.57
83	I	Chrysene-d12	1.000	1.000	0.0	97	0.11	12.51
85	t	Pyrene	1.322	1.486	-12.4	105	0.10	10.65
86	S	Terphenyl-d14		----------NA----------				
		----------	True	Calc.	% Drift	----------		
87	t	Butylbenzylphthalate	50.000	56.516	-13.0	107	0.11	11.74
		----------	AvgRF	CCRF	% Dev	----------		
88	t	Benzo[a]anthracene	1.189	1.343	-13.0	101	0.10	12.49
89	t	3,3'-Dichlorobenzidine		----------NA----------				
90	t	Chrysene	1.266	1.386	-9.5	103	0.11	12.55
		----------	True	Calc.	% Drift	----------		
91	t	bis(2-Ethylhexyl)phthalat	50.000	56.200	-12.4	105	0.12	12.69
		----------	AvgRF	CCRF	% Dev	----------		

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9899-ICV9899
Lab FileID: F222741.D

92	I	Perylene-d12	1.000	1.000	0.0	104	0.11	14.60
			True	Calc.	% Drift			
93	t	Di-n-octylphthalate	50.000	53.474	-6.9	107	0.12	13.68
			AvgRF	CCRF	% Dev			
94	t	Benzo[b]fluoranthene	1.133	1.291	-13.9	103	0.11	14.09
95	t	Benzo[k]fluoranthene	1.143	1.318	-15.3	108	0.10	14.12
96	t	Benzo[a]pyrene	0.939	1.113	-18.5	107	0.11	14.53
			True	Calc.	% Drift			
97	t	Indeno[1,2,3-cd]pyrene	50.000	49.951	0.1	99	0.13	16.00
			AvgRF	CCRF	% Dev			
98	t	Dibenz(a,h)acridine	0.847	0.916	-8.1	104	0.13	15.70
99	t	Dibenz[a,h]anthracene	0.991	1.117	-12.7	102	0.14	16.04
100	t	7,12-Dimethylbenz(a)anthr	0.493	0.514	-4.3	100	0.11	14.09
101	t	Benzo[g,h,i]perylene	0.951	1.053	-10.7	101	0.15	16.38

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F223137.D MF9899.M Fri Dec 06 12:33:52 2024 RT1

6.8.10

6

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9899-ICV9899
Lab FileID: F222742.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF9899\f222742.D Vial: 11
Acq On : 7 Nov 2024 12:30 pm Operator: jackleey
Sample : icv9899-50 Inst : GCMSF
Misc : op58797b,ef9899,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\MF9899.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Dec 06 11:47:12 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.07	4.77
2	t	1,4-Dioxane		----------NA----------				
3	t	Pyridine		----------NA----------				
4	t	N-Nitrosodimethylamine		----------NA----------				
5	S	2-Fluorophenol		----------NA----------				
6	t	Indene		----------NA----------				
7	t	Cumene		----------NA----------				
8	S	Phenol-d5		----------NA----------				
9	t	Phenol	1.395	1.419	-1.7	103	0.02	4.50
10	t	Aniline		----------NA----------				
11	t	bis(2-Chloroethyl)ether		----------NA----------				
12	t	2-Chlorophenol	1.201	1.257	-4.7	105	0.05	4.62
13	t	Decane		----------NA----------				
14	t	1,3-Dichlorobenzene		----------NA----------				
15	t	1,4-Dichlorobenzene		----------NA----------				
16	t	Benzyl alcohol		----------NA----------				
17	t	1,2-Dichlorobenzene		----------NA----------				
18	t	Acetophenone		----------NA----------				
19	t	2-Methylphenol	1.027	1.082	-5.4	105	0.03	4.92
20	t	2,2'-oxybis(1-Chloropropa		----------NA----------				
21	t	3&4-Methylphenol	1.087	1.154	-6.2	104	0.03	5.03
22		n-Nitroso-di-n-propylamin		----------NA----------				
23	t	Hexachloroethane		----------NA----------				
24	I	Naphthalene-d8	1.000	1.000	0.0	107	0.06	5.66
25	S	Nitrobenzene-d5		----------NA----------				
26	t	Nitrobenzene		----------NA----------				
27	t	Quinoline		----------NA----------				
28	t	Isophorone		----------NA----------				
		----------	True	Calc.	% Drift	----------		
29	t	2-Nitrophenol	50.000	52.030	-4.1	107	0.06	5.38
		----------	AvgRF	CCRF	% Dev	----------		
30	t	2,4-Dimethylphenol	0.309	0.330	-6.8	107	0.03	5.40
		----------	True	Calc.	% Drift	----------		
31	t	Benzoic acid	50.000	52.953	-5.9	110	0.02	5.47
		----------	AvgRF	CCRF	% Dev	----------		
32	t	bis(2-Chloroethoxy)methan		----------NA----------				
33	t	2,4-Dichlorophenol	0.273	0.296	-8.4	109	0.03	5.55

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9899-ICV9899
Lab FileID: F222742.D

34		2,6-Dichlorophenol	0.280	0.296	-5.7	105	0.05	5.71
35		1,3,5-Trichlorobenzene		----------NA----------				
36	t	1,2,4-Trichlorobenzene		----------NA----------				
37		1,2,3-Trichlorobenzene		----------NA----------				
38	t	Naphthalene		----------NA----------				
39	t	4-Chloroaniline		----------NA----------				
40	t	2,3-Dichloroaniline		----------NA----------				
41	t	Hydroquinone	0.263	0.327	-24.3	121	0.03	5.96
42	t	Hexachlorobutadiene		----------NA----------				
43	t	4-Chloro-3-methylphenol	0.246	0.263	-6.9	104	0.02	6.04
44	t	2-Methylnaphthalene		----------NA----------				
45	t	1-Methylnaphthalene		----------NA----------				
46	I	Acenaphthene-d10	1.000	1.000	0.0	106	0.08	7.04
47	t	Hexachlorocyclopentadiene		----------NA----------				
48	t	1,2,4,5-tetrachlorobenzen		----------NA----------				
49	t	2,4,6-Trichlorophenol	0.389	0.427	-9.8	104	0.05	6.38
50	t	2,4,5-Trichlorophenol	0.445	0.461	-3.6	100	0.02	6.41
51	S	2-Fluorobiphenyl		----------NA----------				
52	t	2-Chloronaphthalene		----------NA----------				
53	t	Biphenyl		----------NA----------				
54	t	2-Nitroaniline		----------NA----------				
55	t	Dimethylphthalate		----------NA----------				
56	t	Acenaphthylene		----------NA----------				
		----------	True	Calc.	% Drift	----------		
57	t	2,6-Dinitrotoluene		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
58	t	3-Nitroaniline		----------NA----------				
59	t	Acenaphthene		----------NA----------				
		----------	True	Calc.	% Drift	----------		
60	t	2,4-Dinitrophenol	100.000	102.081	-2.1	103	0.06	7.09
		----------	AvgRF	CCRF	% Dev	----------		
61	t	4-Nitrophenol	0.166	0.189	-13.9	111	-0.01	7.14
62	t	Dibenzofuran		----------NA----------				
		----------	True	Calc.	% Drift	----------		
63	t	2,4-Dinitrotoluene		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
64		2,3,4,6-Tetrachlorophenol	0.343	0.366	-6.7	104	0.06	7.35
65	t	Diethylphthalate		----------NA----------				
66	t	Fluorene		----------NA----------				
67	t	4-Chlorophenyl-phenylethe		----------NA----------				
68	t	4-Nitroaniline		----------NA----------				
69	I	Phenanthrene-d10	1.000	1.000	0.0	110	0.09	8.66
		----------	True	Calc.	% Drift	----------		
70	t	4,6-Dinitro-2-methylpheno	50.000	50.477	-1.0	108	0.07	7.63
		----------	AvgRF	CCRF	% Dev	----------		
71	t	n-Nitrosodiphenylamine		----------NA----------				
72	t	1,2-Diphenylhydrazine		----------NA----------				
73	S	2,4,6-Tribromophenol		----------NA----------				
74	t	4-Bromophenyl-phenylether		----------NA----------				
75	t	Hexachlorobenzene		----------NA----------				

			True	Calc.	% Drift			
76	t	Pentachlorophenol	100.000	98.995	1.0	104	0.07	8.42
			AvgRF	CCRF	% Dev			
77	t	Phenanthrene			NA			
78	t	Anthracene			NA			
79	t	Carbazole			NA			
80	t	Di-n-butylphthalate			NA			
81	t	Fluoranthene			NA			
82	t	Octadecane			NA			
83	I	Chrysene-d12	1.000	1.000	0.0	93	0.11	12.51
84	t	Benzidine			NA			
85	t	Pyrene			NA			
86	S	Terphenyl-d14			NA			
			True	Calc.	% Drift			
87	t	Butylbenzylphthalate			NA			
			AvgRF	CCRF	% Dev			
88	t	Benzo[a]anthracene			NA			
89	t	3,3'-Dichlorobenzidine			NA			
90	t	Chrysene			NA			
			True	Calc.	% Drift			
91	t	bis(2-Ethylhexyl)phthalat			NA			
			AvgRF	CCRF	% Dev			
92	I	Perylene-d12	1.000	1.000	0.0	98	0.11	14.59
			True	Calc.	% Drift			
93	t	Di-n-octylphthalate			NA			
			AvgRF	CCRF	% Dev			
94	t	Benzo[b]fluoranthene			NA			
95	t	Benzo[k]fluoranthene			NA			
96	t	Benzo[a]pyrene			NA			
			True	Calc.	% Drift			
97	t	Indeno[1,2,3-cd]pyrene			NA			
			AvgRF	CCRF	% Dev			
98	t	Dibenz(a,h)acridine			NA			
99	t	Dibenz[a,h]anthracene			NA			
100	t	7,12-Dimethylbenz(a)anthr			NA			
101	t	Benzo[g,h,i]perylene			NA			
102	I	1,4-Dichlorobenzene-d4A	1.000	1.000	0.0	93	0.07	4.77
103	M	2-Picoline			NA			
104		Pentachloroethane			NA			
105	M	Methyl methanesulfonate			NA			
106	M	N-Nitrosodiethylamine			NA			
107	M	N-Nitrosomethylethylamine			NA			
108	M	Ethyl methanesulfonate			NA			
109	M	N-Nitrosopyrrolidine			NA			
110	M	N-Nitrosomorpholine			NA			
111	M	o-Toluidine			NA			

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9899-ICV9899
Lab FileID: F222742.D

112	I	Naphthalene-d8A	1.000	1.000	0.0	97	0.06	5.66
113	M	O,O,O-Triethyl phosphorot		----------NA----------				
114	M	N-Nitrosopiperidine		----------NA----------				
115	M	A,A-Dimethylphenethylamin		----------NA----------				
116	M	Hexachloropropene		----------NA----------				
117	M	N-Nitrosodi-n-butylamine		----------NA----------				
118		p-Phenylenediamine		----------NA----------				
119	M	Safrole		----------NA----------				
120		Isosafrole		----------NA----------				
121		Acenaphthene-d10A	1.000	1.000	0.0	101	0.08	7.04
122	M	Thionazin		----------NA----------				
123	M	Tetraethyl dithiopyrophos		----------NA----------				
		----------	True	Calc.	% Drift	----------		
124	M	Phorate		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
125	M	Phenacetin		----------NA----------				
126	M	1,4-Naphthoquinone		----------NA----------				
		----------	True	Calc.	% Drift	----------		
127	M	m-Dinitrobenzene		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
128	M	Pentachlorobenzene		----------NA----------				
129	M	2-Naphthylamine		----------NA----------				
130	M	1-Naphthylamine		----------NA----------				
131	M	5-Nitro-o-toluidine		----------NA----------				
132	I	Phenanthrene-d10A	1.000	1.000	0.0	106	0.09	8.66
133	M	Disulfoton		----------NA----------				
		----------	True	Calc.	% Drift	----------		
134	M	Dinoseb		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
135	M	Dimethoate		----------NA----------				
136	M	4-Aminobiphenyl		----------NA----------				
137	M	Methyl parathion		----------NA----------				
138	M	Parathion		----------NA----------				
139	M	Diphenylamine		----------NA----------				
140	M	Isodrin		----------NA----------				
141	M	Diallate		----------NA----------				
142	M	Pentachloronitrobenzene		----------NA----------				
143	M	Pronamide		----------NA----------				
		----------	True	Calc.	% Drift	----------		
144	M	4-Nitroquinoline 1-oxide		----------NA----------				
145	M	Methapyriline		----------NA----------				
146	M	sym-Trinitrobenzene		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
147	I	Chrysene-d12A	1.000	1.000	0.0	94	0.11	12.51
148		Aramite		----------NA----------				
149	M	p-(Dimethylamine)azobenze		----------NA----------				
150		Kepone		----------NA----------				
		----------	True	Calc.	% Drift	----------		

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9899-ICV9899
Lab FileID: F222742.D

151	M	Famphur			NA				
		----------	AvgRF	CCRF	% Dev				
152	M	2-Acetylaminofluorene			NA				
153	M	Chlorobenzilate			NA				
154	I	Perylene-d12A	1.000	1.000	0.0	95	0.11	14.59	
		----------	True	Calc.	% Drift				
155		Hexachlorophene			NA				
		----------	AvgRF	CCRF	% Dev				
156		3-Methylcholanthrene			NA				
157	I	1,4-Dichlorobenzene-d4b	1.000	1.000	0.0	107	0.07	4.77	
158		Benzaldehyde			NA				
159	I	Phenanthrene-d10b	1.000	1.000	0.0	121	0.09	8.66	
160		Atrazine			NA				
161	I	Naphthalene-d8b	1.000	1.000	0.0	111	0.06	5.66	
162		Caprolactam			NA				
163	I	Naphthalene-d8c	1.000	1.000	0.0	107	0.06	5.66	
164		2-Chloroaniline			NA				
165		3-Chloroaniline			NA				
166		1-chloro-2-nitrobenzene			NA				
167	I	1,4-Dichlorobenzene-d4c	1.000	1.000	0.0	106	0.07	4.77	
168		m-Toluidine			NA				
169	I	Chrysene-d12c	1.000	1.000	0.0	93	0.11	12.51	
170		bis(2-Ethylhexyl)adipate			NA				
171	I	Chrysene-d12d	1.000	1.000	0.0	93	0.11	12.51	
172		2,3,7,8-tcdd			NA				
173		Naphthalene-d8d	1.000	1.000	0.0	107	0.06	5.66	
174	t	Salicylic acid			NA				
175		Chrysene-d12e	1.000	1.000	0.0	93	0.11	12.51	
176		3,3'-Dimethylbenzidine			NA				
177		Perylene-d12b	1.000	1.000	0.0	98	0.11	14.59	
178		4,4-Methylene-bis-(2-chlo			NA				
179		Naphthalene-d8e	1.000	1.000	0.0	107	0.06	5.66	
180		Catechol			NA				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F223137.D MF9899.M Fri Dec 06 12:34:39 2024 RT1

6.8.11 6

Initial Calibration Verification

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9899-ICV9899
Lab FileID: F222743.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF9899\f222743.D Vial: 12
Acq On : 7 Nov 2024 12:53 pm Operator: jackleey
Sample : icv9899-50 Inst : GCMSF
Misc : op58797b,ef9899,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\MF9899.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Nov 08 09:33:11 2024
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00	4.76
3	t	Pyridine	1.168	1.248	-6.8	102	0.00	2.94
4	t	N-Nitrosodimethylamine	0.607	0.580	4.4	103	0.00	2.92
10	t	Aniline	1.769	1.797	-1.6	103	0.00	4.54
22		n-Nitroso-di-n-propylamin	0.793	0.829	-4.5	103	0.00	5.04
24	I	Naphthalene-d8	1.000	1.000	0.0	103	0.00	5.66
39	t	4-Chloroaniline	0.400	0.416	-4.0	100	0.00	5.71
46	I	Acenaphthene-d10	1.000	1.000	0.0	106	0.00	7.04
54	t	2-Nitroaniline	0.272	0.286	-5.1	101	0.00	6.64
		----------	AvgRF	CCRF	% Dev	----------		
58	t	3-Nitroaniline	0.289	0.301	-4.2	101	0.00	7.00
68	t	4-Nitroaniline	0.308	0.294	4.5	91	0.00	7.61
69	I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00	8.66
		----------	AvgRF	CCRF	% Dev	----------		
71	t	n-Nitrosodiphenylamine	0.589	0.586	0.5	101	0.00	7.71
83	I	Chrysene-d12	1.000	1.000	0.0	99	0.00	12.51
84	t	Benzidine	0.704	0.867	-23.2	118	0.00	10.56
89	t	3,3'-Dichlorobenzidine	0.423	0.470	-11.1	91	0.00	12.50

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F222739.D MF9899.M Fri Nov 08 09:57:45 2024 RT1

Continuing Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9960-CC9899
Lab FileID: F224237.D

Evaluate Continuing Calibration Report

Data File : X:\Dayton SVOA GCMS\...aell\ef9960\f224237.D Vial: 3
Acq On : 28 Jan 2025 8:16 am Operator: kaleigh
Sample : cc9899-50 Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...\ef9960\MF9899.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Jan 28 16:15:07 2025
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	151	0.00	4.53
2	t	1,4-Dioxane	0.505	0.481	4.8	161	0.00	2.14
3	t	Pyridine	1.168	1.341	-14.8	158	0.00	2.45
4	t	N-Nitrosodimethylamine	0.607	0.640	-5.4	164	0.00	2.42
5	S	2-Fluorophenol	1.074	1.181	-10.0	158	0.00	3.58
6	t	Indene	2.104	2.341	-11.3	163	0.00	4.71
7	t	Cumene	2.300	2.625	-14.1	170	0.00	3.94
8	S	Phenol-d5	1.249	1.485	-18.9	169	0.00	4.29
9	t	Phenol	1.395	1.710	-22.6#	177	0.00	4.30
10	t	Aniline	1.769	1.935	-9.4	160	0.00	4.30
11	t	bis(2-Chloroethyl)ether	1.092	1.242	-13.7	166	0.00	4.35
12	t	2-Chlorophenol	1.201	1.336	-11.2	159	0.00	4.39
13	t	Decane	1.184	1.372	-15.9	173	0.00	4.41
14	t	1,3-Dichlorobenzene	1.426	1.483	-4.0	153	0.00	4.49
15	t	1,4-Dichlorobenzene	1.461	1.520	-4.0	153	0.00	4.54
16	t	Benzyl alcohol	0.738	0.836	-13.3	161	0.00	4.64
17	t	1,2-Dichlorobenzene	1.399	1.448	-3.5	155	0.00	4.65
18	t	Acetophenone	1.740	1.885	-8.3	157	0.00	4.83
19	t	2-Methylphenol	1.027	1.202	-17.0	166	0.00	4.73
20	t	2,2'-oxybis(1-Chloropropa	0.348	0.356	-2.3	152	0.00	4.72
21	t	3&4-Methylphenol	1.087	1.263	-16.2	162	0.00	4.85
22		n-Nitroso-di-n-propylamin	0.793	0.943	-18.9	169	0.00	4.83
23	t	Hexachloroethane	0.563	0.557	1.1	142	0.00	4.89
24	I	Naphthalene-d8	1.000	1.000	0.0	151	0.00	5.45
25	S	Nitrobenzene-d5	0.285	0.364	-27.7#	180	0.00	4.94
26	t	Nitrobenzene	0.306	0.384	-25.5#	176	0.00	4.95
27	t	Quinoline	0.624	0.693	-11.1	162	0.00	5.71
28	t	Isophorone	0.559	0.650	-16.3	168	0.00	5.12
		----------	True	Calc.	% Drift	----------		
29	t	2-Nitrophenol	50.000	61.161	-22.3#	185	0.00	5.18
		----------	AvgRF	CCRF	% Dev	----------		
30	t	2,4-Dimethylphenol	0.309	0.365	-18.1	167	0.00	5.22
		----------	True	Calc.	% Drift	----------		
31	t	Benzoic acid	50.000	59.853	-19.7	182	0.00	5.32
		----------	AvgRF	CCRF	% Dev	----------		
32	t	bis(2-Chloroethoxy)methan	0.365	0.415	-13.7	165	0.00	5.27
33	t	2,4-Dichlorophenol	0.273	0.298	-9.2	154	0.00	5.36

Continuing Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9960-CC9899
Lab FileID: F224237.D

34		2,6-Dichlorophenol	0.280	0.296	-5.7	149	0.00	5.51
35		1,3,5-Trichlorobenzene	0.355	0.332	6.5	135	0.00	5.18
36	t	1,2,4-Trichlorobenzene	0.331	0.308	6.9	134	0.00	5.40
37		1,2,3-Trichlorobenzene	0.337	0.320	5.0	135	0.00	5.56
38	t	Naphthalene	0.965	1.033	-7.0	158	0.00	5.46
39	t	4-Chloroaniline	0.400	0.430	-7.5	151	0.00	5.51
40	t	2,3-Dichloroaniline	0.332	0.332	0.0	143	0.00	6.17
41	t	Hydroquinone	0.263	0.255	3.0	133	0.00	5.78
42	t	Hexachlorobutadiene	0.212	0.197	7.1	132	0.00	5.54
43	t	4-Chloro-3-methylphenol	0.246	0.297	-20.7#	165	0.00	5.86
44	t	2-Methylnaphthalene	0.581	0.618	-6.4	155	0.00	5.95
45	t	1-Methylnaphthalene	0.606	0.639	-5.4	155	0.00	6.03
46	I	Acenaphthene-d10	1.000	1.000	0.0	143	0.00	6.78
47	t	Hexachlorocyclopentadiene	0.391	0.396	-1.3	135	0.00	6.07
48	t	1,2,4,5-tetrachlorobenzen	0.671	0.638	4.9	127	0.00	6.08
49	t	2,4,6-Trichlorophenol	0.389	0.424	-9.0	140	0.00	6.17
50	t	2,4,5-Trichlorophenol	0.445	0.466	-4.7	136	0.00	6.22
51	S	2-Fluorobiphenyl	1.402	1.492	-6.4	145	0.00	6.23
52	t	2-Chloronaphthalene	1.207	1.275	-5.6	145	0.00	6.32
53	t	Biphenyl	1.549	1.663	-7.4	148	0.00	6.31
54	t	2-Nitroaniline	0.272	0.377	-38.6#	181	0.00	6.41
55	t	Dimethylphthalate	1.323	1.437	-8.6	149	0.00	6.55
56	t	Acenaphthylene	1.669	1.894	-13.5	153	0.00	6.66
		----------	True	Calc.	% Drift	----------		
57	t	2,6-Dinitrotoluene	50.000	58.628	-17.3	167	0.00	6.61
		----------	AvgRF	CCRF	% Dev	----------		
58	t	3-Nitroaniline	0.289	0.356	-23.2#	162	0.00	6.77
59	t	Acenaphthene	1.286	1.370	-6.5	151	0.00	6.81
		----------	True	Calc.	% Drift	----------		
60	t	2,4-Dinitrophenol	100.000	130.326	-30.3#	198	0.01	6.86
		----------	AvgRF	CCRF	% Dev	----------		
61	t	4-Nitrophenol	0.166	0.210	-26.5#	168	-0.01	6.95
62	t	Dibenzofuran	1.785	1.861	-4.3	144	0.00	6.97
		----------	True	Calc.	% Drift	----------		
63	t	2,4-Dinitrotoluene	50.000	60.353	-20.7#	170	0.01	6.97
		----------	AvgRF	CCRF	% Dev	----------		
64		2,3,4,6-Tetrachlorophenol	0.343	0.335	2.3	129	0.00	7.10
65	t	Diethylphthalate	1.391	1.583	-13.8	156	0.00	7.19
66	t	Fluorene	1.381	1.472	-6.6	144	0.00	7.30
67	t	4-Chlorophenyl-phenylethe	0.749	0.688	8.1	128	0.00	7.30
68	t	4-Nitroaniline	0.308	0.342	-11.0	143	0.00	7.35
69	I	Phenanthrene-d10	1.000	1.000	0.0	136	0.00	8.34
		----------	True	Calc.	% Drift	----------		
70	t	4,6-Dinitro-2-methylpheno	50.000	68.742	-37.5#	201	0.01	7.37
		----------	AvgRF	CCRF	% Dev	----------		
71	t	n-Nitrosodiphenylamine	0.589	0.643	-9.2	139	0.00	7.43
72	t	1,2-Diphenylhydrazine	0.622	0.808	-29.9#	170	0.00	7.47
73	S	2,4,6-Tribromophenol	0.097	0.092	5.2	118	0.00	7.55
74	t	4-Bromophenyl-phenylether	0.214	0.195	8.9	118	0.00	7.82
75	t	Hexachlorobenzene	0.230	0.200	13.0	114	0.00	7.89

Continuing Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9960-CC9899
Lab FileID: F224237.D

			True	Calc.	% Drift			
76	t	Pentachlorophenol	100.000	89.742	10.3	115	0.00	8.13
			AvgRF	CCRF	% Dev			
77	t	Phenanthrene	1.063	1.110	-4.4	140	0.00	8.37
78	t	Anthracene	1.045	1.133	-8.4	140	0.00	8.44
79	t	Carbazole	0.958	1.077	-12.4	142	0.00	8.66
80	t	Di-n-butylphthalate	1.131	1.469	-29.9#	159	0.00	9.15
81	t	Fluoranthene	1.150	1.235	-7.4	134	0.00	9.96
82	t	Octadecane	0.359	0.502	-39.8#	173	0.00	8.23
83	I	Chrysene-d12	1.000	1.000	0.0	119	0.00	12.13
84	t	Benzidine	0.704	0.662	6.0	108	-0.03	10.21
85	t	Pyrene	1.322	1.527	-15.5	132	0.00	10.29
86	S	Terphenyl-d14	0.936	0.942	-0.6	114	0.00	10.56
			True	Calc.	% Drift			
87	t	Butylbenzylphthalate	50.000	70.034	-40.1#	170	0.00	11.35
			AvgRF	CCRF	% Dev			
88	t	Benzo[a]anthracene	1.189	1.273	-7.1	118	0.00	12.11
89	t	3,3'-Dichlorobenzidine	0.423	0.486	-14.9	113	0.00	12.12
90	t	Chrysene	1.266	1.307	-3.2	120	0.00	12.17
			True	Calc.	% Drift			
91	t	bis(2-Ethylhexyl)phthalat	50.000	68.082	-36.2#	163	0.00	12.29
			AvgRF	CCRF	% Dev			
92	I	Perylene-d12	1.000	1.000	0.0	116	0.00	14.21
			True	Calc.	% Drift			
93	t	Di-n-octylphthalate	50.000	71.926	-43.9#	172	0.00	13.28
			AvgRF	CCRF	% Dev			
94	t	Benzo[b]fluoranthene	1.133	1.330	-17.4	119	0.00	13.70
95	t	Benzo[k]fluoranthene	1.143	1.217	-6.5	112	0.00	13.74
96	t	Benzo[a]pyrene	0.939	1.089	-16.0	117	0.00	14.14
			True	Calc.	% Drift			
97	t	Indeno[1,2,3-cd]pyrene	50.000	53.527	-7.1	119	0.00	15.55
			AvgRF	CCRF	% Dev			
98	t	Dibenz(a,h)acridine	0.847	0.913	-7.8	115	0.00	15.28
99	t	Dibenz[a,h]anthracene	0.991	1.112	-12.2	113	0.00	15.59
100	t	7,12-Dimethylbenz(a)anthr	0.493	0.496	-0.6	108	0.00	13.69
101	t	Benzo[g,h,i]perylene	0.951	1.073	-12.8	115	0.00	15.89

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F223137.D MF9899.M Tue Jan 28 16:19:55 2025

Continuing Calibration Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: EF9960-CC9899
Lab FileID: F224238.D

Evaluate Continuing Calibration Report

Data File : X:\Dayton SVOA GCMS\...aell\ef9960\f224238.D Vial: 4
Acq On : 28 Jan 2025 8:48 am Operator: kaleigh
Sample : cc9899-50 Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : X:\Dayton SVOA G...\ef9960\MF9899.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Jan 28 16:15:07 2025
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
157 I	1,4-Dichlorobenzene-d4b	1.000	1.000	0.0	175	0.00	4.53
158	Benzaldehyde	1.145	1.001	12.6	167	0.00	4.22
159 I	Phenanthrene-d10b	1.000	1.000	0.0	170	0.00	8.34
160	Atrazine	0.190	0.200	-5.3	162	0.00	8.03
161 I	Naphthalene-d8b	1.000	1.000	0.0	178	0.00	5.45
162	Caprolactam	0.138	0.137	0.7	175	0.00	5.75

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F223137.D MF9899.M Tue Jan 28 16:20:01 2025

6.8.14

6

Run Sequence Report

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Run ID: ECJ420	**Method:** SW846 8270E	**Instrument ID:** GCMSCJ

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
ECJ420-DFTPP	CJ9753.D	12/17/24 14:18	n/a	DFTPP Tune
ECJ420-ICC420	CJ9756.D	12/17/24 15:47	n/a	Initial cal 50
ECJ420-IC420	CJ9757.D	12/17/24 17:15	n/a	Initial cal 1
ECJ420-IC420	CJ9758.D	12/17/24 17:33	n/a	Initial cal 2
ECJ420-IC420	CJ9759.D	12/17/24 17:51	n/a	Initial cal 5
ECJ420-IC420	CJ9760.D	12/17/24 18:08	n/a	Initial cal 10
ECJ420-IC420	CJ9761.D	12/17/24 18:26	n/a	Initial cal 25
ECJ420-IC420	CJ9762.D	12/17/24 18:44	n/a	Initial cal 80
ECJ420-IC420	CJ9764.D	12/17/24 19:20	n/a	Initial cal 1
ECJ420-IC420	CJ9765.D	12/17/24 19:37	n/a	Initial cal 2
ECJ420-IC420	CJ9766.D	12/17/24 19:55	n/a	Initial cal 5
ECJ420-IC420	CJ9767.D	12/17/24 20:13	n/a	Initial cal 10
ECJ420-IC420	CJ9768.D	12/17/24 20:31	n/a	Initial cal 25
ECJ420-IC420	CJ9769.D	12/17/24 20:49	n/a	Initial cal 50
ECJ420-IC420	CJ9770.D	12/17/24 21:07	n/a	Initial cal 80
ECJ420-ICV420	CJ9772.D	12/17/24 21:42	n/a	Initial cal verification 50
ECJ420-ICV420	CJ9773.D	12/17/24 22:00	n/a	Initial cal verification 50
ECJ420-ICV420	CJ9774.D	12/17/24 22:18	n/a	Initial cal verification 50
ECJ420-ICV420	CJ9775.D	12/17/24 22:36	n/a	Initial cal verification 50

Run Sequence Report

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Run ID: ECJ451	**Method:** SW846 8270E	**Instrument ID:** GCMSCJ

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
ECJ451-CC420	CJ10549.D	01/27/25 16:55	n/a	Continuing cal 50
ECJ451-CC420	CJ10550.D	01/27/25 17:13	n/a	Continuing cal 50
ECJ451-CC420	CJ10551.D	01/27/25 17:31	n/a	Continuing cal 10
OP61130-MB1	CJ10553.D	01/27/25 18:09	OP61130	Method Blank
OP61130-BS1	CJ10554.D	01/27/25 18:27	OP61130	Blank Spike
ZZZZZZ	CJ10555.D	01/27/25 18:45	OP60965	(unrelated sample)
ZZZZZZ	CJ10556.D	01/27/25 19:03	OP61130	(unrelated sample)
JE4663-3	CJ10557.D	01/27/25 19:21	OP61130	(used for QC only; not part of job JE4646)
ZZZZZZ	CJ10558.D	01/27/25 19:39	OP61130	(unrelated sample)
ZZZZZZ	CJ10559.D	01/27/25 19:57	OP61130	(unrelated sample)
ZZZZZZ	CJ10560.D	01/27/25 20:15	OP61130	(unrelated sample)
ZZZZZZ	CJ10561.D	01/27/25 20:32	OP61130	(unrelated sample)
ZZZZZZ	CJ10562.D	01/27/25 20:50	OP61130	(unrelated sample)
ZZZZZZ	CJ10563.D	01/27/25 21:08	OP61130	(unrelated sample)
ZZZZZZ	CJ10564.D	01/27/25 21:26	OP61130	(unrelated sample)
ZZZZZZ	CJ10565.D	01/27/25 21:44	OP61130	(unrelated sample)
ZZZZZZ	CJ10566.D	01/27/25 22:02	OP61130	(unrelated sample)
ZZZZZZ	CJ10567.D	01/27/25 22:20	OP61130	(unrelated sample)
ZZZZZZ	CJ10568.D	01/27/25 22:38	OP61130	(unrelated sample)
ZZZZZZ	CJ10569.D	01/27/25 22:56	OP61130	(unrelated sample)
OP61130-MS	CJ10570.D	01/27/25 23:14	OP61130	Matrix Spike
OP61130-MSD	CJ10571.D	01/27/25 23:32	OP61130	Matrix Spike Duplicate
JE4646-1	CJ10572.D	01/27/25 23:50	OP61130	S-1
JE4646-2	CJ10573.D	01/28/25 00:08	OP61130	S-2
JE4646-4	CJ10574.D	01/28/25 00:26	OP61130	S-5
JE4646-5	CJ10575.D	01/28/25 00:43	OP61130	BLIND DUP

Run Sequence Report

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Run ID: EF9899	**Method:** EPA 625.1	**Instrument ID:** GCMSF

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
EF9899-DFTPP	F222732A.D	11/07/24 08:48	n/a	DFTPP Tune
EF9899-IC9899	F222733.D	11/07/24 09:00	n/a	Initial cal 1
EF9899-IC9899	F222734.D	11/07/24 09:23	n/a	Initial cal 2
EF9899-IC9899	F222735.D	11/07/24 09:46	n/a	Initial cal 5
EF9899-IC9899	F222736.D	11/07/24 10:10	n/a	Initial cal 10
EF9899-IC9899	F222737.D	11/07/24 10:33	n/a	Initial cal 25
EF9899-ICC9899	F222739.D	11/07/24 10:56	n/a	Initial cal 50
EF9899-IC9899	F222738.D	11/07/24 11:20	n/a	Initial cal 80
EF9899-IC9899	F222740.D	11/07/24 11:43	n/a	Initial cal 100
EF9899-ICV9899	F222741.D	11/07/24 12:06	n/a	Initial cal verification 50
EF9899-ICV9899	F222742.D	11/07/24 12:30	n/a	Initial cal verification 50
EF9899-ICV9899	F222743.D	11/07/24 12:53	n/a	Initial cal verification 50

Run Sequence Report

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Run ID: EF9960	**Method:** SW846 8270E	**Instrument ID:** GCMSF

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
EF9960-DFTPP	F224236.D	01/28/25 08:03	n/a	DFTPP Tune
EF9960-CC9899	F224237.D	01/28/25 08:16	n/a	Continuing cal 50
EF9960-CC9899	F224238.D	01/28/25 08:48	n/a	Continuing cal 50
OP61138-MB1	F224239.D	01/28/25 09:33	OP61138	Method Blank
OP61138-BS1	F224240.D	01/28/25 09:59	OP61138	Blank Spike
OP61138-BSD	F224241.D	01/28/25 10:25	OP61138	Blank Spike Duplicate
ZZZZZZ	F224242.D	01/28/25 10:51	OP61138B	(unrelated sample)
ZZZZZZ	F224243.D	01/28/25 11:18	OP61138B	(unrelated sample)
ZZZZZZ	F224244.D	01/28/25 11:44	OP61138B	(unrelated sample)
JE4646-6	F224245.D	01/28/25 12:10	OP61138	EQUIPMENT BLANK
ZZZZZZ	F224246.D	01/28/25 12:36	OP61138	(unrelated sample)
ZZZZZZ	F224247.D	01/28/25 13:01	OP61138	(unrelated sample)
ZZZZZZ	F224248.D	01/28/25 13:27	OP61138	(unrelated sample)
ZZZZZZ	F224249.D	01/28/25 13:53	OP61138	(unrelated sample)
ZZZZZZ	F224250.D	01/28/25 14:19	OP61138	(unrelated sample)
ZZZZZZ	F224251.D	01/28/25 14:44	OP61138	(unrelated sample)
ZZZZZZ	F224252.D	01/28/25 15:10	OP61138	(unrelated sample)

MS Semi-volatiles

Raw Data

Manual Integrations APPROVED (compounds with "m" flag)
Ying Li
01/28/25 13:34

Quantitation Report (QT Reviewed)

Data Path : R:\Dayton\MSSEMI\Completed\1. January 2025\01-28-2025\recheleb\ecj451\
Data File : cj10572.D
Acq On : 27 Jan 2025 11:50 pm
Operator : anthonyo
Sample : je4646-1
Misc : op61130,ecj451,15.2,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 28 05:19:44 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.103	152	94694	40.00	ppm	0.00
24) Naphthalene-d8	4.852	136	363686	40.00	ppm	0.00
46) Acenaphthene-d10	5.906	164	207920	40.00	ppm	0.00
69) Phenanthrene-d10	7.018	188	349213	40.00	ppm	0.01
84) Chrysene-d12	9.447	240	309203	40.00	ppm	0.03
93) Perylene-d12	10.752	264	332413	40.00	ppm	0.04
103) 1,4-Dichlorobenzene-d4a	4.103	152	94694	40.00	ppm	0.00
105) Phenanthrene-d10a	7.018	188	349213	40.00	ppm	0.01
107) Naphthalene-d8a	4.852	136	363686	40.00	ppm	0.00
109) Phenanthrene-d10b	7.018	188	349213	40.00	ppm	0.01
112) Chrysene-d12a	9.447	240	309203	40.00	ppm	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.317	112	73255	25.10	ppm	0.02
Spiked Amount 50.000			Recovery = 50.20%			
8) Phenol-d5	3.948	99	92202	25.07	ppm	0.01
Spiked Amount 50.000			Recovery = 50.14%			
25) Nitrobenzene-d5	4.445	82	88590	25.18	ppm	0.00
Spiked Amount 50.000			Recovery = 50.36%			
51) 2-Fluorobiphenyl	5.472	172	182592	26.73	ppm	0.00
Spiked Amount 50.000			Recovery = 53.46%			
74) 2,4,6-Tribromophenol	6.478	330	21271	27.17	ppm	0.01
Spiked Amount 50.000			Recovery = 54.34%			
87) Terphenyl-d14	8.436	244	202957	26.17	ppm	0.01
Spiked Amount 50.000			Recovery = 52.34%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
21) 3&4-Methylphenol	4.387	108	8059	2.65	ppm	79
38) Naphthalene	4.863	128	10131	1.06	ppm	92
44) 2-Methylnaphthalene	5.253	141	14192	2.54	ppm	94
45) 1-Methylnaphthalene	5.312	141	10246m	1.92	ppm	
53) Biphenyl	5.531	154	3792	0.47	ppm	95
56) Acenaphthylene	5.815	152	7027	0.80	ppm	95
66) Fluorene	6.285	166	20324	2.96	ppm	89
78) Phenanthrene	7.040	178	146257	14.60	ppm	98
79) Anthracene	7.077	178	27503	2.75	ppm	88
80) Carbazole	7.238	167	9279	0.95	ppm	86
81) Di-n-butylphthalate	7.505	149	6899m	0.57	ppm	
82) Fluoranthene	8.083	202	151841	14.66	ppm	99
86) Pyrene	8.291	202	132618	11.49	ppm	100
89) Benzo[a]anthracene	9.430	228	45771	4.32	ppm	94
91) Chrysene	9.468	228	60821	6.13	ppm	98
92) bis(2-Ethylhexyl)phtha...	9.452	149	260503	32.29	ppm	99
95) Benzo[b]fluoranthene	10.425	252	65539m	6.16	ppm	
96) Benzo[k]fluoranthene	10.441	252	20042m	2.11	ppm	
97) Benzo[a]pyrene	10.698	252	34585	3.96	ppm	97
98) Indeno[1,2,3-cd]pyrene	11.730	276	25972	2.37	ppm	91
100) Dibenz[a,h]anthracene	11.736	278	7247	0.83	ppm	82

Quantitation Report (QT Reviewed)

Data Path : R:\Dayton\MSSEMI\Completed\1. January 2025\01-28-2025\recheleb\ecj451\
Data File : cj10572.D
Acq On : 27 Jan 2025 11:50 pm
Operator : anthonyo
Sample : je4646-1
Misc : op61130,ecj451,15.2,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 28 05:19:44 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

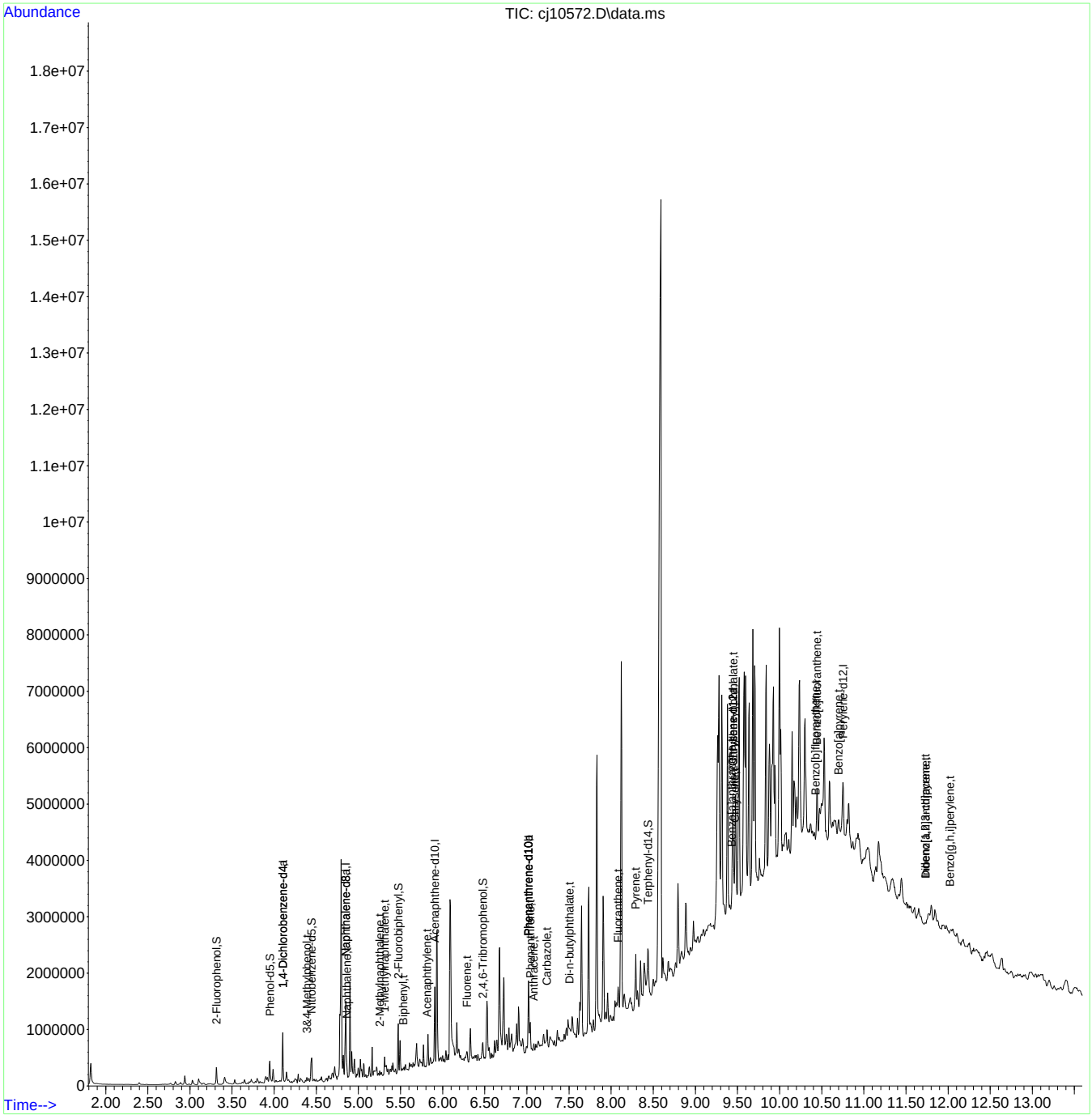
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) Benzo[g,h,i]perylene	12.019	276	27070	3.19	ppm	97

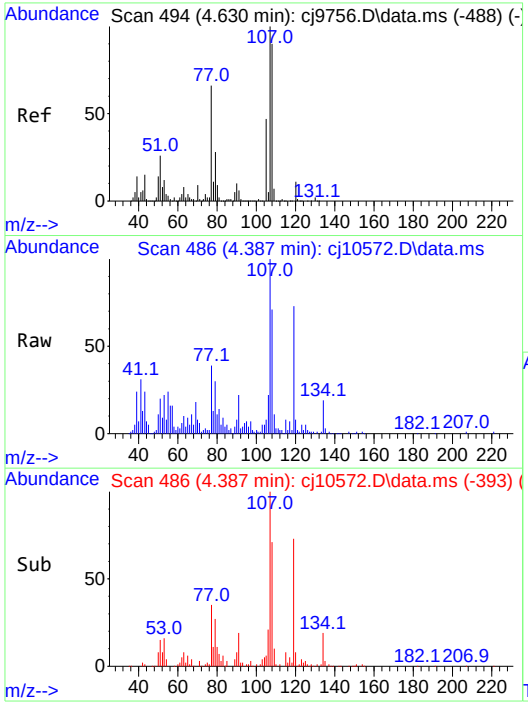
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\Dayton\MSSEMI\Completed\1. January 2025\01-28-2025\recheleb\ecj451\
Data File : cj10572.D
Acq On : 27 Jan 2025 11:50 pm
Operator : anthonyo
Sample : je4646-1
Misc : op61130,ecj451,15.2,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 28 05:19:44 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

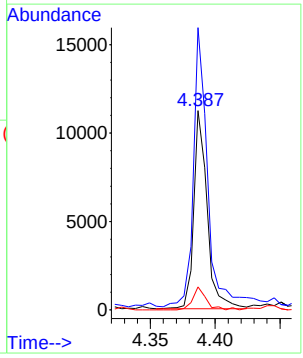


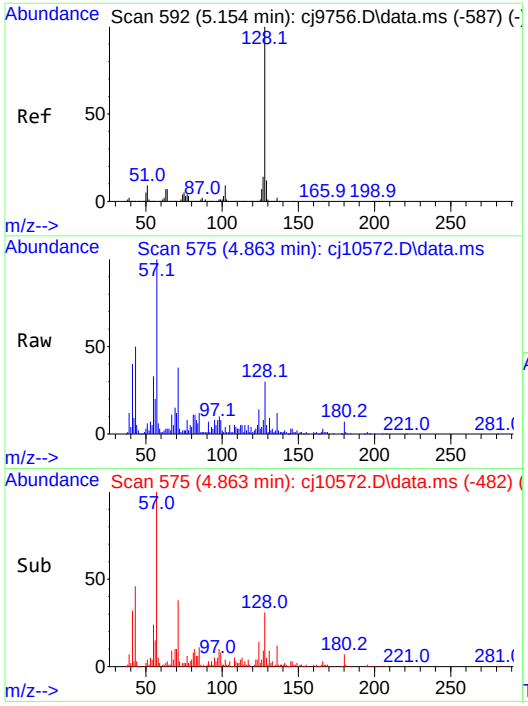


#21
3&4-Methylphenol
Concen: 2.65 ppm
RT: 4.387 min Scan# 486
Delta R.T. 0.000 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:108 Resp: 8059

Ion	Ratio	Lower	Upper
108	100		
107	138.4	83.9	143.9
90	11.2	0.0	41.5

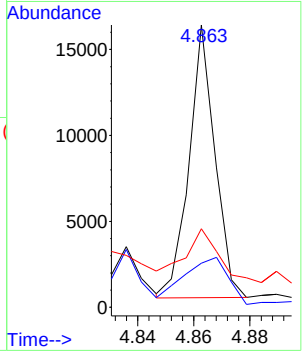


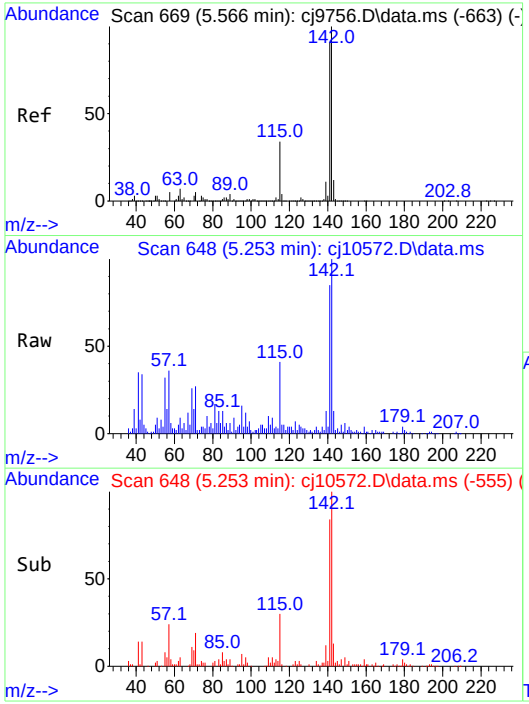


#38
Naphthalene
Concen: 1.06 ppm
RT: 4.863 min Scan# 575
Delta R.T. 0.000 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:128 Resp: 10131

Ion	Ratio	Lower	Upper
128	100		
129	13.9	0.0	40.9
127	16.9	0.0	43.8

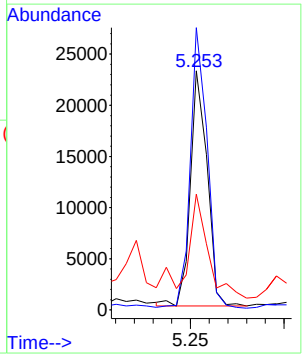


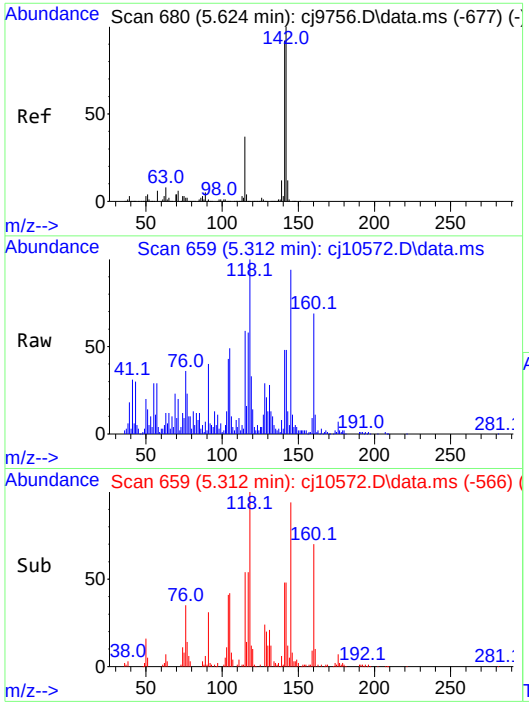


#44
2-Methylnaphthalene
Concen: 2.54 ppm
RT: 5.253 min Scan# 648
Delta R.T. 0.000 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:141 Resp: 14192

Ion	Ratio	Lower	Upper
141	100		
142	120.2	82.6	142.6
115	42.4	11.3	71.3

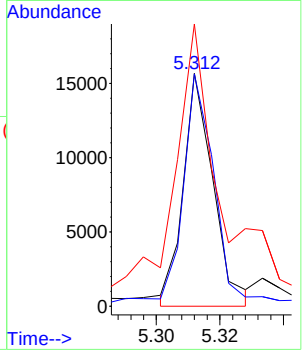


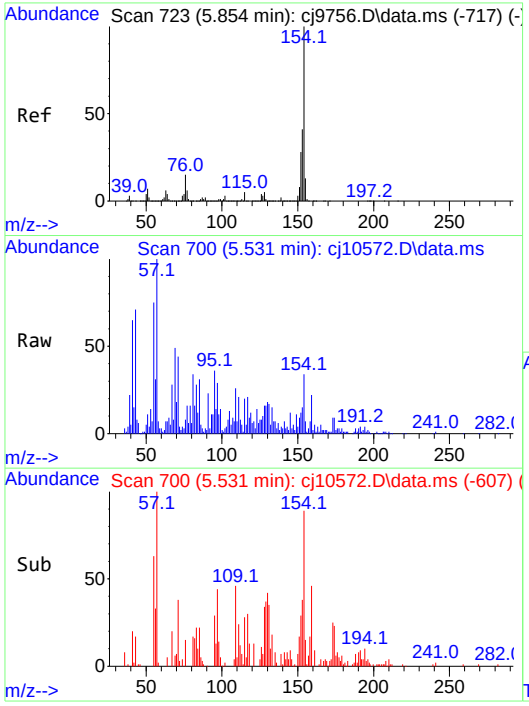


#45
1-Methylnaphthalene
Concen: 1.92 ppm m
RT: 5.312 min Scan# 659
Delta R.T. 0.000 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:141 Resp: 10246

Ion	Ratio	Lower	Upper
141	100		
142	99.7	78.7	138.7
115	121.3	12.3	72.3#

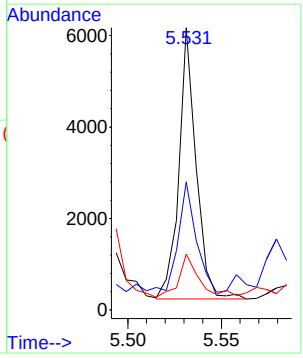


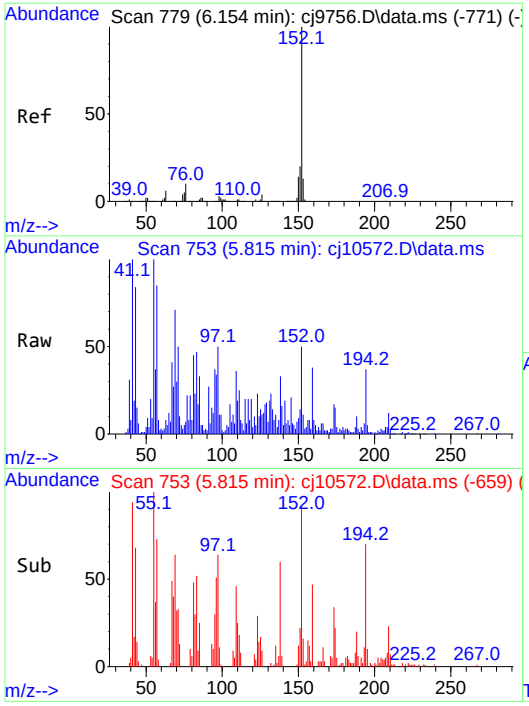


#53
Biphenyl
Concen: 0.47 ppm
RT: 5.531 min Scan# 700
Delta R.T. 0.000 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:154 Resp: 3792

Ion	Ratio	Lower	Upper
154	100		
153	38.5	11.1	71.1
155	15.1	0.0	42.7

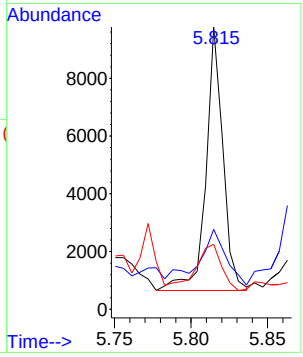


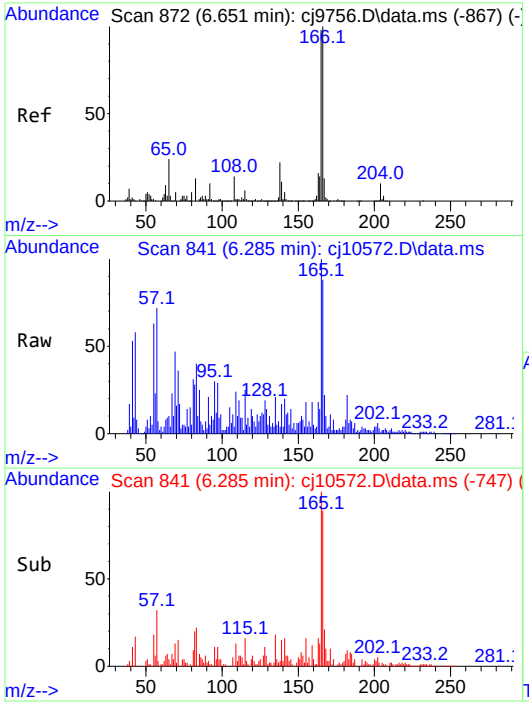


#56
Acenaphthylene
Concen: 0.80 ppm
RT: 5.815 min Scan# 753
Delta R.T. 0.005 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:152 Resp: 7027

Ion	Ratio	Lower	Upper
152	100		
151	18.0	0.0	50.6
153	11.9	0.0	43.6

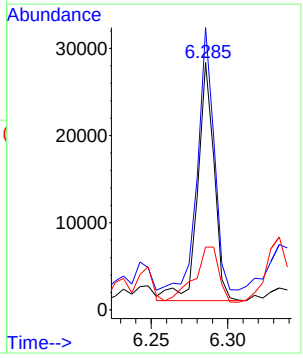


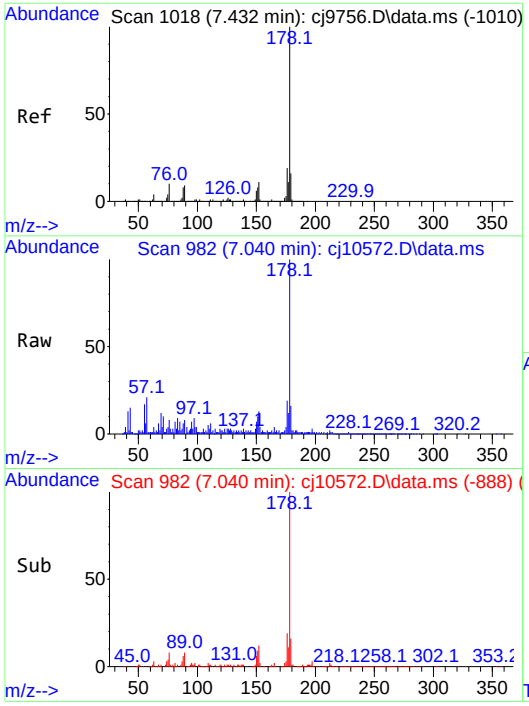


#66
Fluorene
Concen: 2.96 ppm
RT: 6.285 min Scan# 841
Delta R.T. 0.005 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:166 Resp: 20324

Ion	Ratio	Lower	Upper
166	100		
165	110.4	70.0	130.0
167	21.3	0.0	44.0

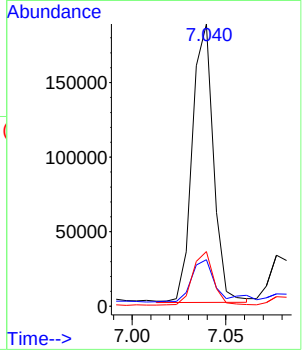


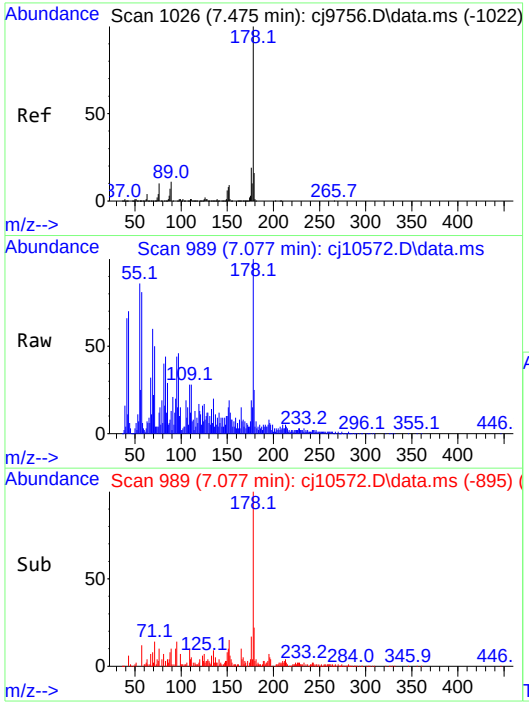


#78
Phenanthrene
Concen: 14.60 ppm
RT: 7.040 min Scan# 982
Delta R.T. 0.005 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:178 Resp: 146257

Ion	Ratio	Lower	Upper
178	100		
179	14.0	0.0	45.5
176	19.3	0.0	49.9

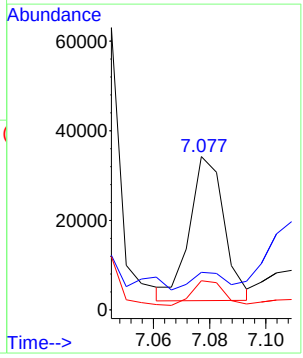


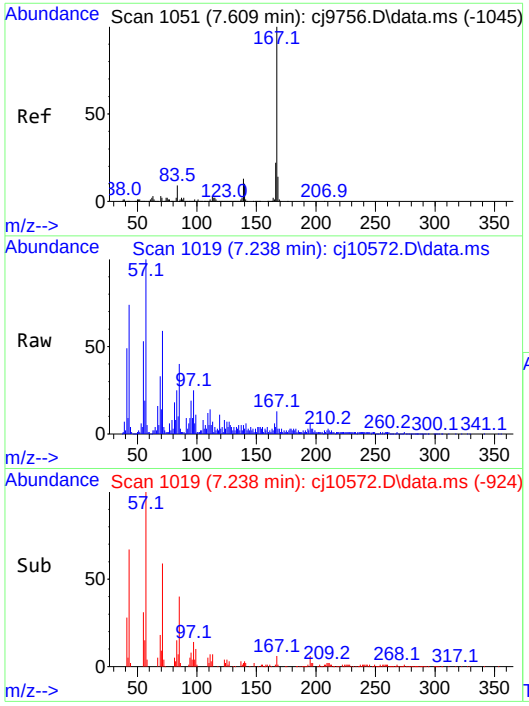


#79
Anthracene
Concen: 2.75 ppm
RT: 7.077 min Scan# 989
Delta R.T. 0.005 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:178 Resp: 27503

Ion	Ratio	Lower	Upper
178	100		
179	5.2	0.0	45.8
176	17.9	0.0	48.7

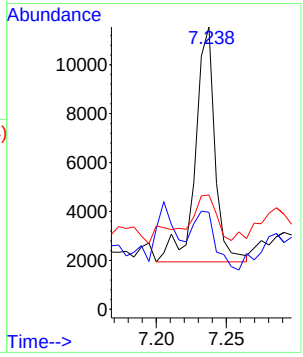


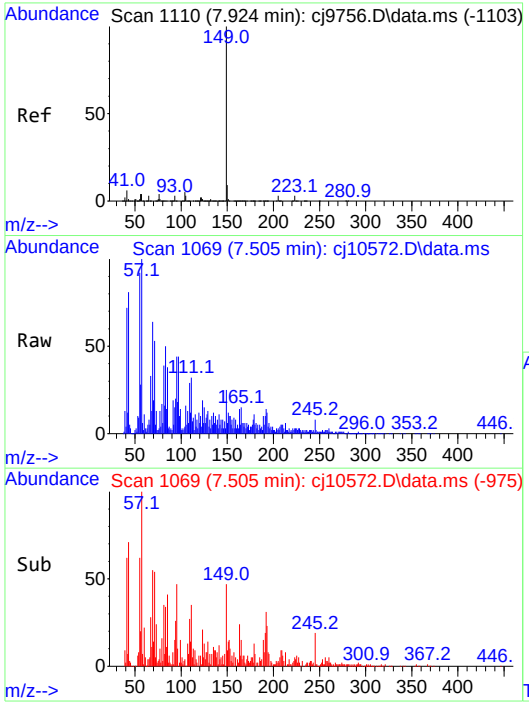


#80
Carbazole
Concen: 0.95 ppm
RT: 7.238 min Scan# 1019
Delta R.T. 0.011 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:167 Resp: 9279

Ion	Ratio	Lower	Upper
167	100		
166	12.4	0.0	51.8
139	16.1	0.0	44.2

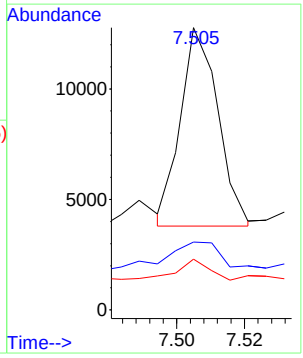


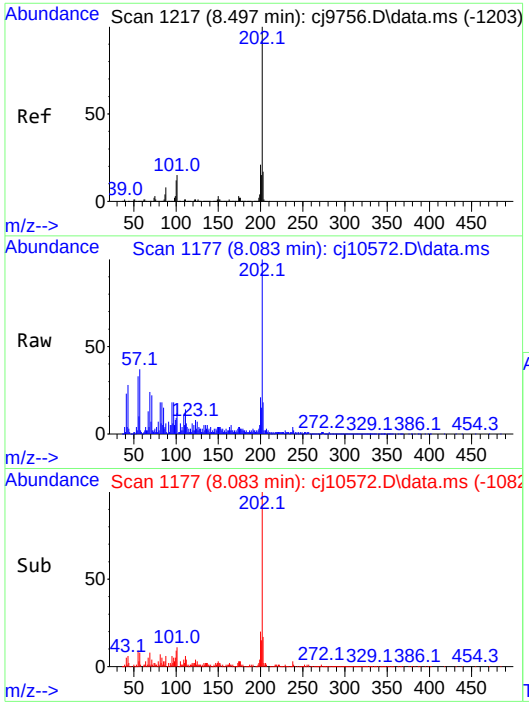


#81
Di-n-butylphthalate
Concen: 0.57 ppm m
RT: 7.505 min Scan# 1069
Delta R.T. 0.005 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:149 Resp: 6899

Ion	Ratio	Lower	Upper
149	100		
150	24.0	0.0	39.1
104	18.0	0.0	35.0

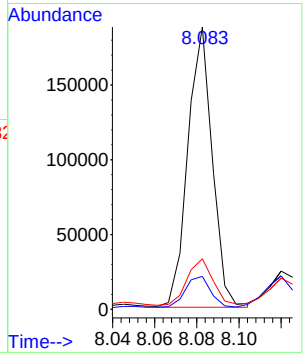


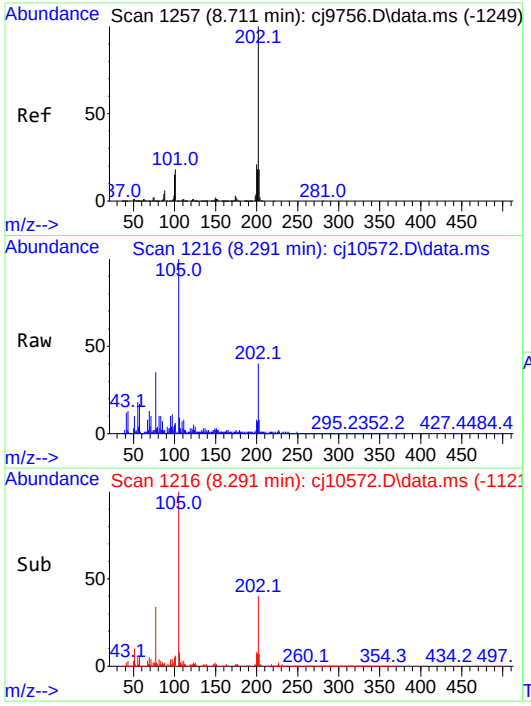


#82
Fluoranthene
Concen: 14.66 ppm
RT: 8.083 min Scan# 1177
Delta R.T. 0.011 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:202 Resp: 151841

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	41.2
203	16.4	0.0	46.8

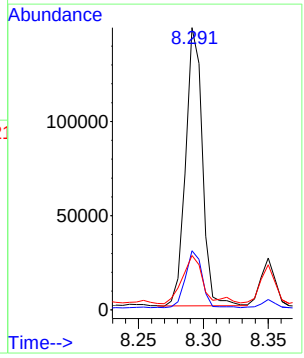


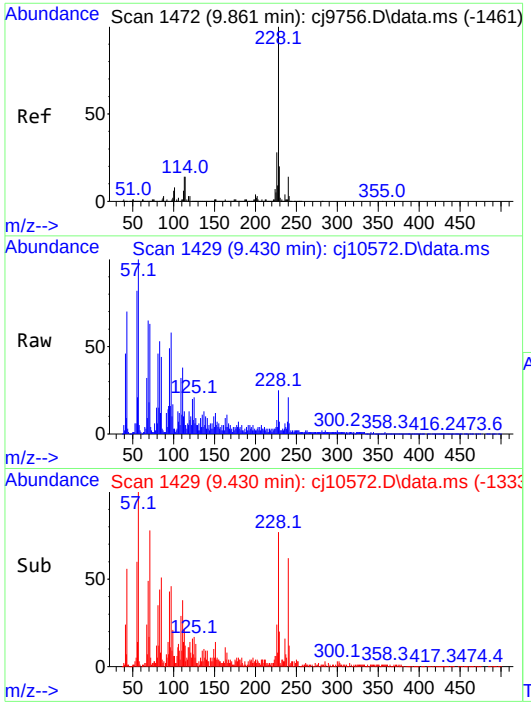


#86
Pyrene
Concen: 11.49 ppm
RT: 8.291 min Scan# 1216
Delta R.T. 0.011 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:202 Resp: 132618

Ion	Ratio	Lower	Upper
202	100		
200	20.4	0.0	50.8
203	17.0	0.0	47.0

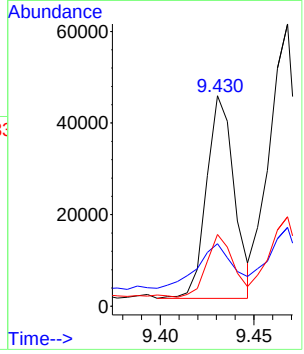


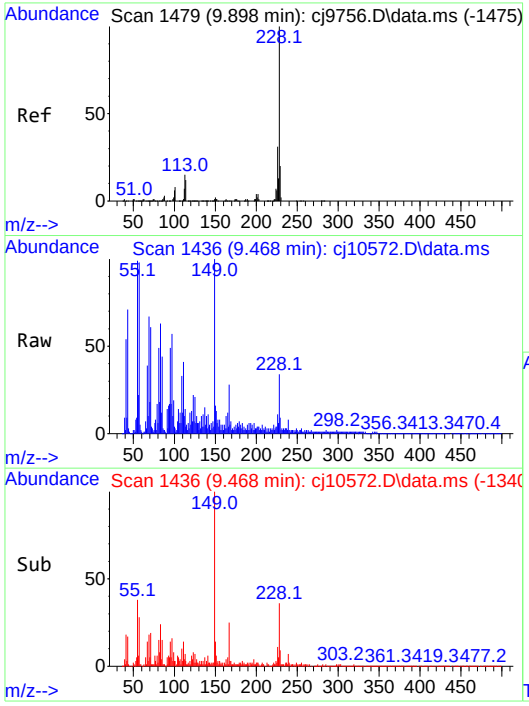


#89
Benzo[a]anthracene
Concen: 4.32 ppm
RT: 9.430 min Scan# 1429
Delta R.T. 0.016 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:228 Resp: 45771

Ion	Ratio	Lower	Upper
228	100		
229	20.9	0.0	48.6
226	30.4	0.0	57.2

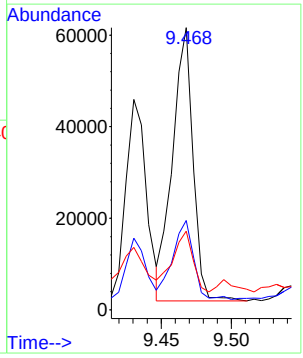


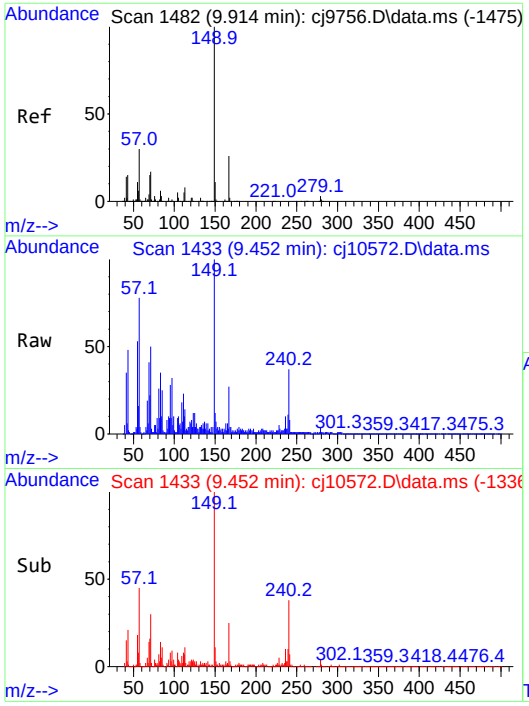


#91
Chrysene
Concen: 6.13 ppm
RT: 9.468 min Scan# 1436
Delta R.T. 0.016 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:228 Resp: 60821

Ion	Ratio	Lower	Upper
228	100		
226	28.9	0.0	59.6
229	20.9	0.0	49.1

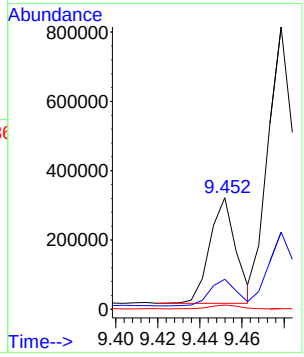


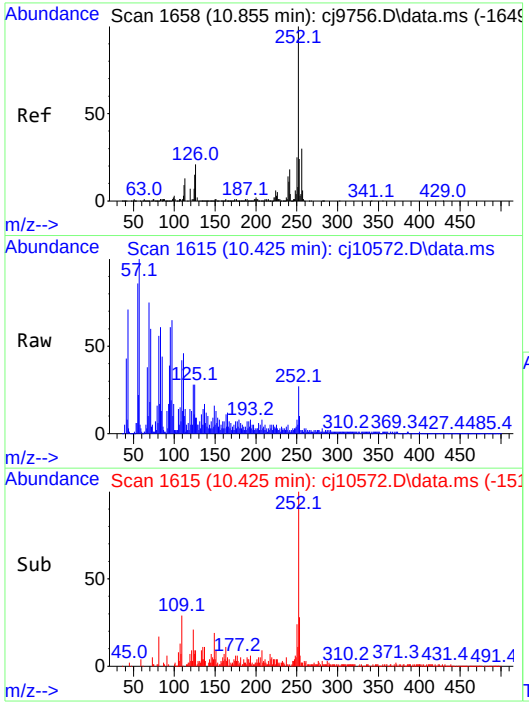


#92
bis(2-Ethylhexyl)phthalate
Concen: 32.29 ppm
RT: 9.452 min Scan# 1433
Delta R.T. 0.021 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:149 Resp: 260503

Ion	Ratio	Lower	Upper
149	100		
167	25.4	0.0	55.1
279	3.6	0.0	33.1

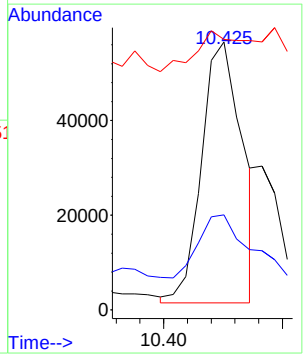


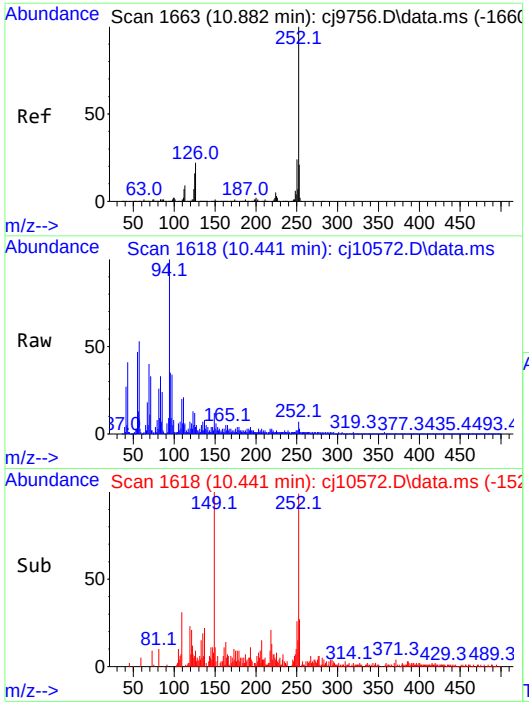


#95
Benzo[b]fluoranthene
Concen: 6.16 ppm m
RT: 10.425 min Scan# 1615
Delta R.T. 0.027 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:252 Resp: 65539

Ion	Ratio	Lower	Upper
252	100		
253	35.5	0.0	51.8
125	101.0	0.0	39.5#

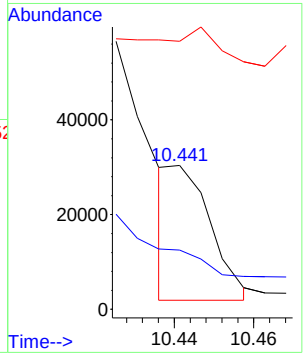


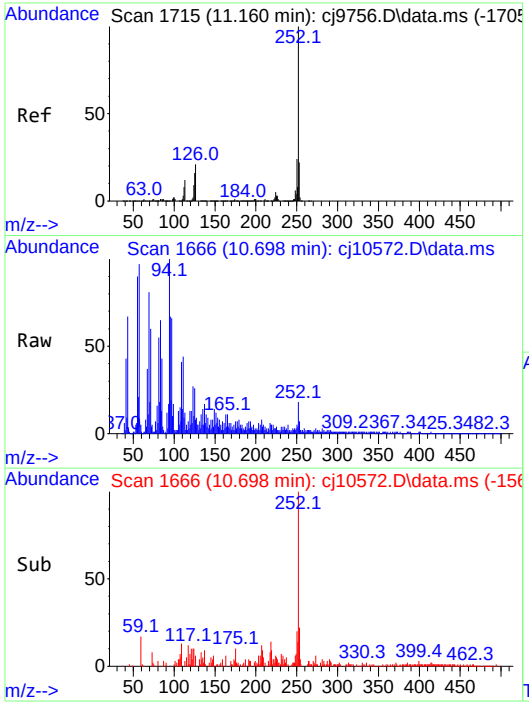


#96
Benzo[k]fluoranthene
Concen: 2.11 ppm m
RT: 10.441 min Scan# 1618
Delta R.T. 0.021 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:252 Resp: 20042

Ion	Ratio	Lower	Upper
252	100		
253	41.1	0.0	52.1
125	186.2	0.0	40.6#

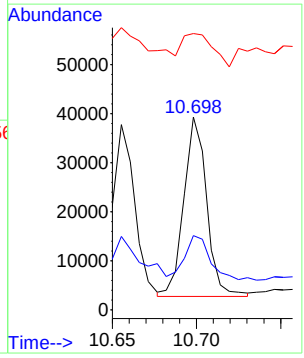


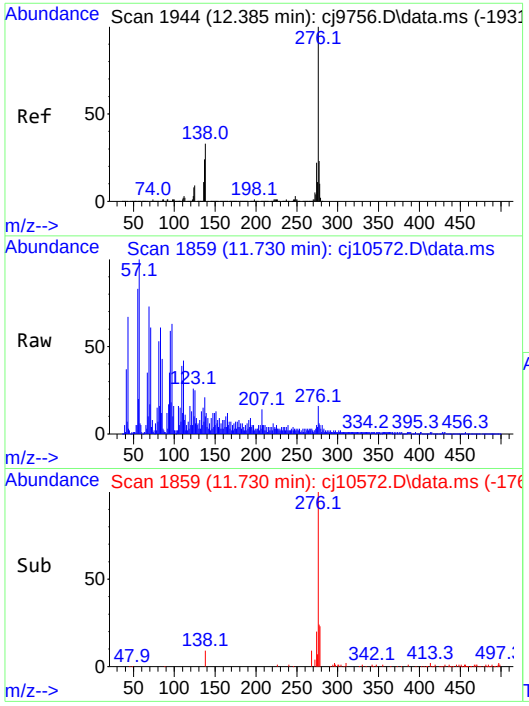


#97
Benzo[a]pyrene
Concen: 3.96 ppm
RT: 10.698 min Scan# 1666
Delta R.T. 0.027 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:252 Resp: 34585

Ion	Ratio	Lower	Upper
252	100		
253	20.1	0.0	50.9
125	9.9	0.0	41.7

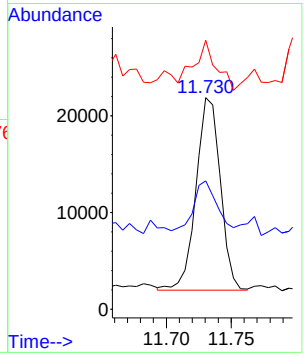


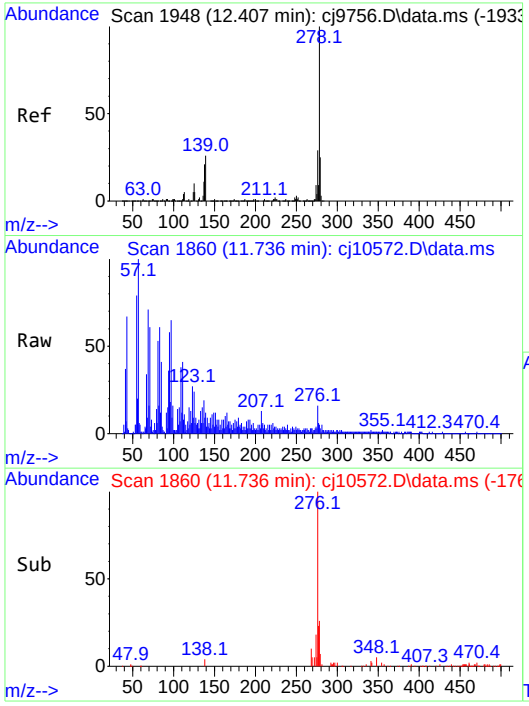


#98
Indeno[1,2,3-cd]pyrene
Concen: 2.37 ppm
RT: 11.730 min Scan# 1859
Delta R.T. 0.032 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:276 Resp: 25972

Ion	Ratio	Lower	Upper
276	100		
138	23.6	0.9	60.9
137	20.1	0.0	51.0

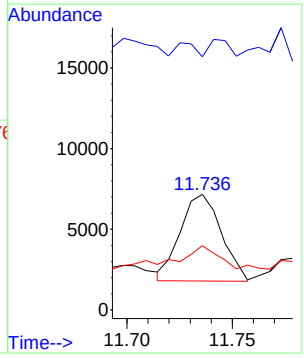


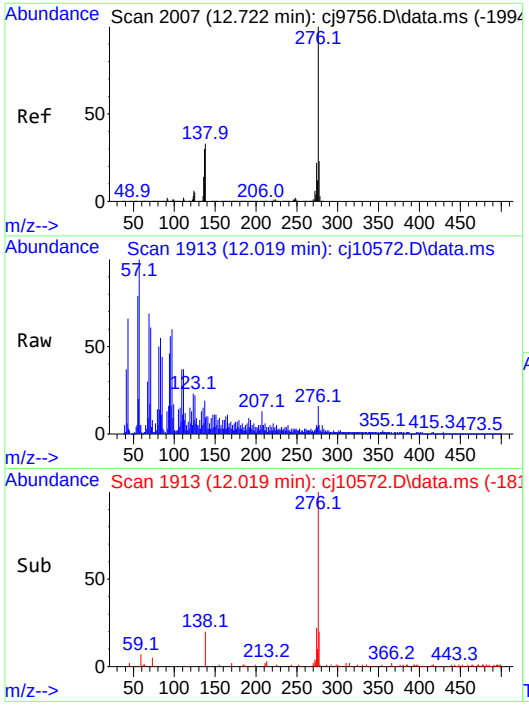


#100
Dibenz[a,h]anthracene
Concen: 0.83 ppm
RT: 11.736 min Scan# 1860
Delta R.T. 0.027 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:278 Resp: 7247

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	48.3
279	23.4	0.0	53.3

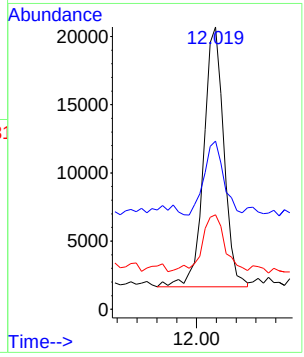




#102
Benzo[g,h,i]perylene
Concen: 3.19 ppm
RT: 12.019 min Scan# 1913
Delta R.T. 0.037 min
Lab File: cj10572.D
Acq: 27 Jan 2025 11:50 pm

Tgt Ion:276 Resp: 27070

Ion	Ratio	Lower	Upper
276	100		
138	26.3	0.0	56.8
277	20.8	0.0	53.4



Manual Integration Approval Summary

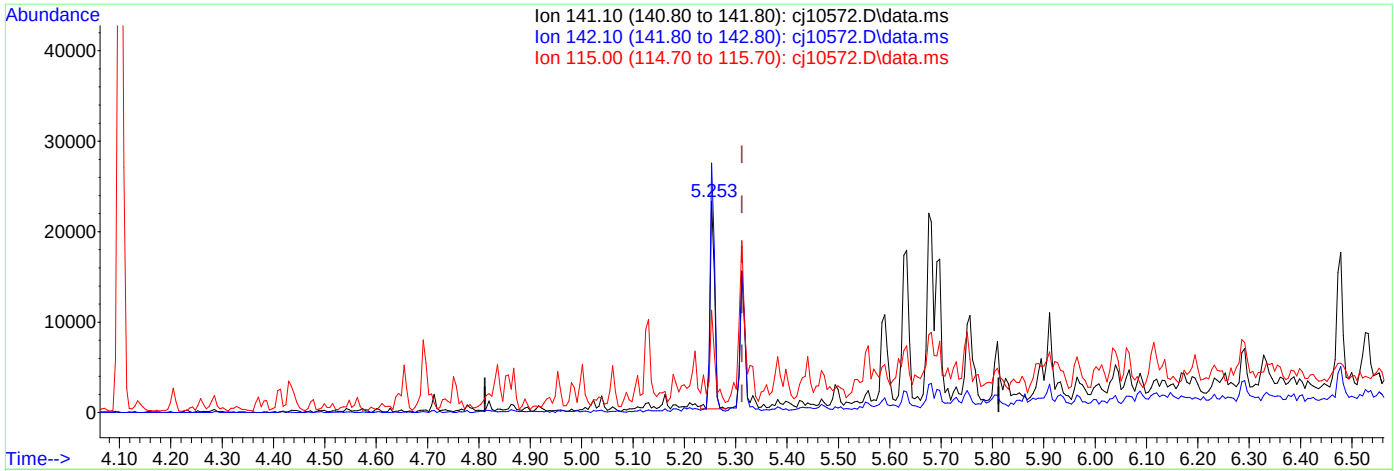
Sample Number: JE4646-1
Lab FileID: CJ10572.D
Injection Time: 01/27/25 23:50
Method: SW846 8270E
Analyst approved: 01/28/25 11:14 Daniela Suarez
Supervisor approved: 01/28/25 13:34 Ying Li

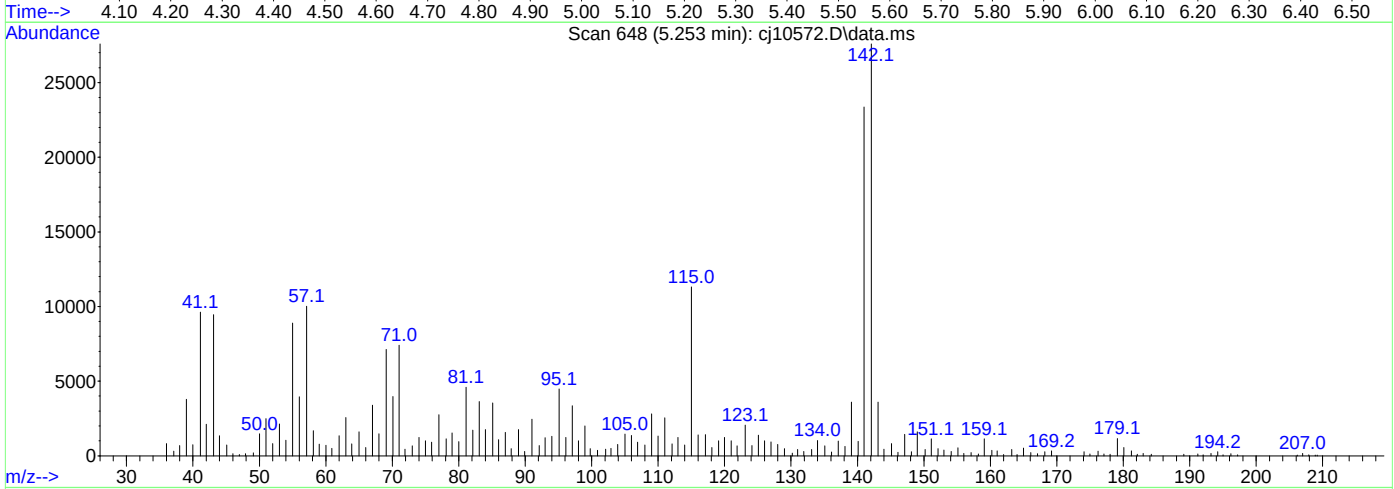
Parameter	CAS	Sig#	R.T. (min.)	Reason
1-Methylnaphthalene	90-12-0		5.31	Split peak
Di-n-butyl phthalate	84-74-2		7.50	Split peak
Benzo(b)fluoranthene	205-99-2		10.43	Split peak
Benzo(k)fluoranthene	207-08-9		10.44	Split peak

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10572.D
Acq On : 27 Jan 2025 11:50 pm
Operator : anthonyo
Sample : je4646-1 Inst : GCMSCJ
Misc : op61130,ecj451,15.2,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 28 05:26:54 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10572.D\data.ms

(45) 1-Methylnaphthalene (t)

5.253min (-0.059) 2.65ppm

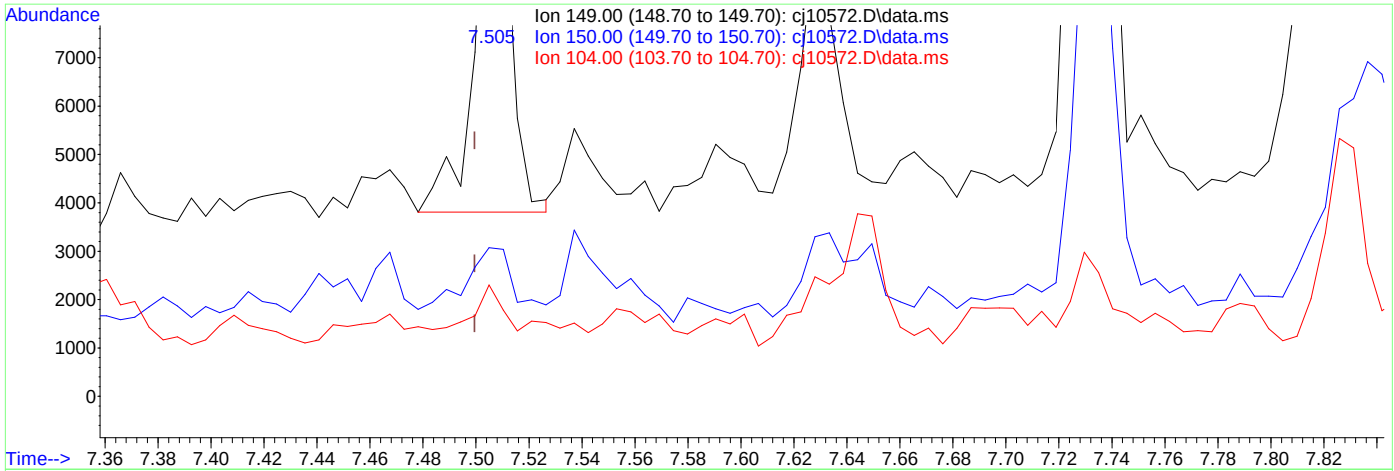
response 14192

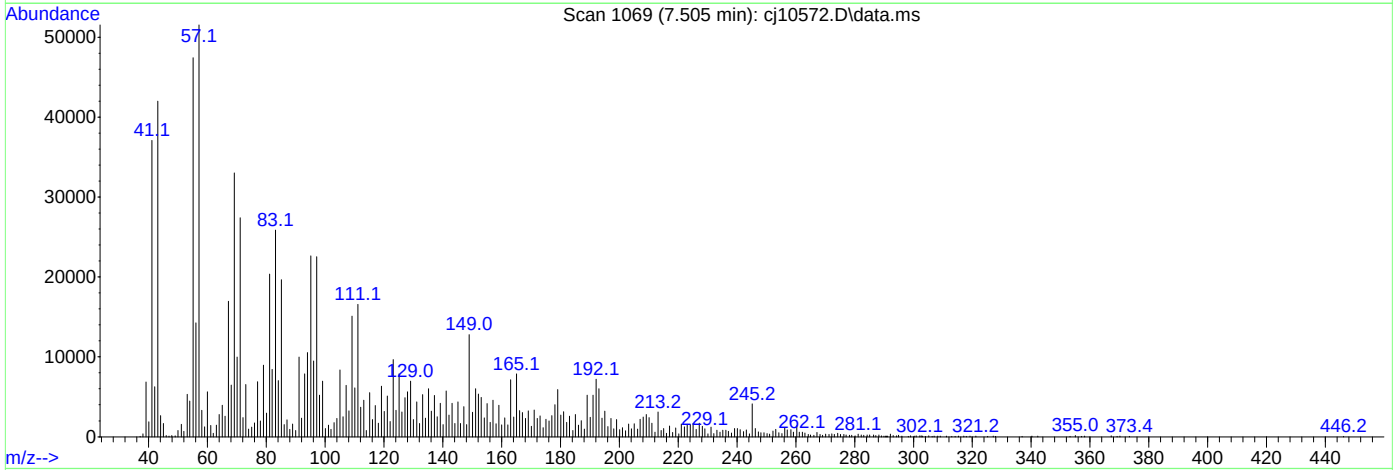
Ion	Exp%	Act%
141.10	100	100
142.10	108.70	120.19
115.00	42.30	42.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10572.D
Acq On : 27 Jan 2025 11:50 pm
Operator : anthonyo
Sample : je4646-1 Inst : GCMSCJ
Misc : op61130,ecj451,15.2,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 28 05:28:38 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10572.D\data.ms

(81) Di-n-butylphthalate (t)

7.505min (+0.005) 0.63ppm

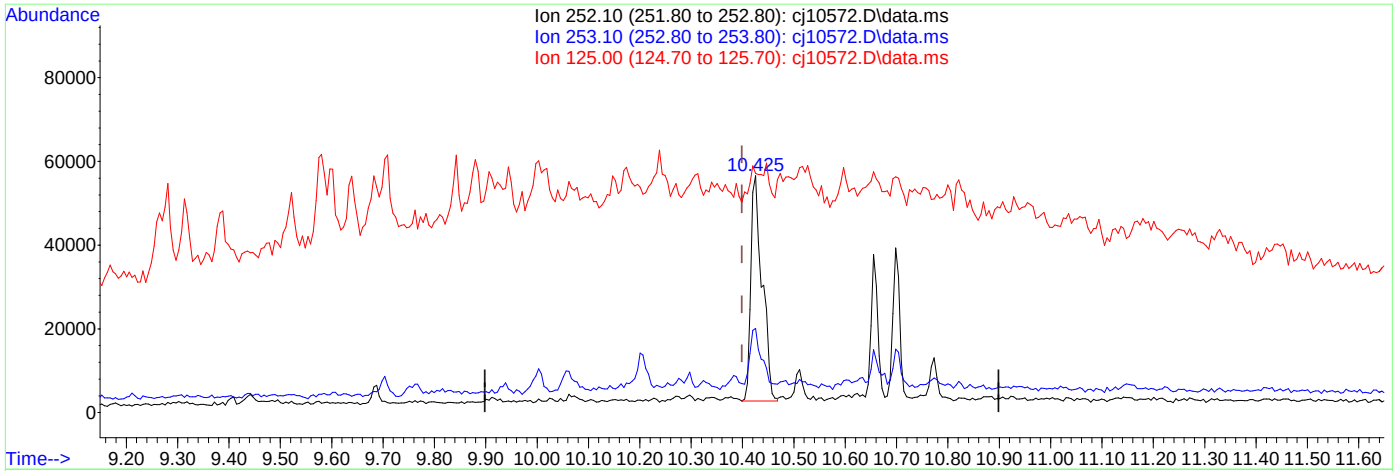
response 7649

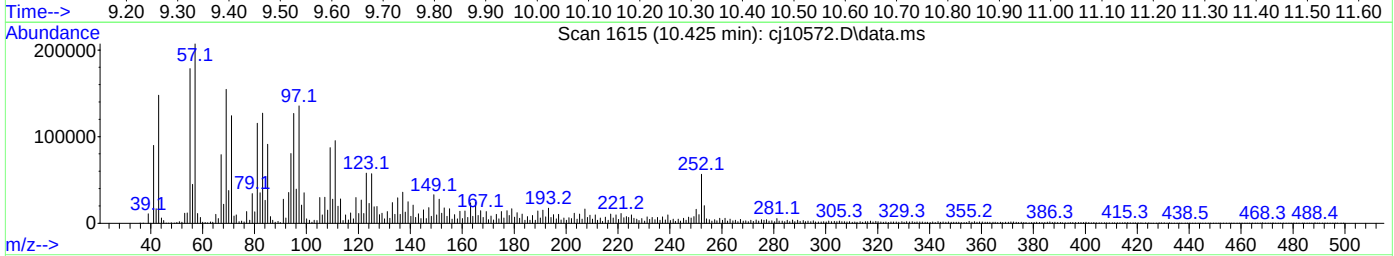
Ion	Exp%	Act%
149.00	100	100
150.00	9.10	13.85
104.00	5.00	9.29
0.00	0.00	0.00

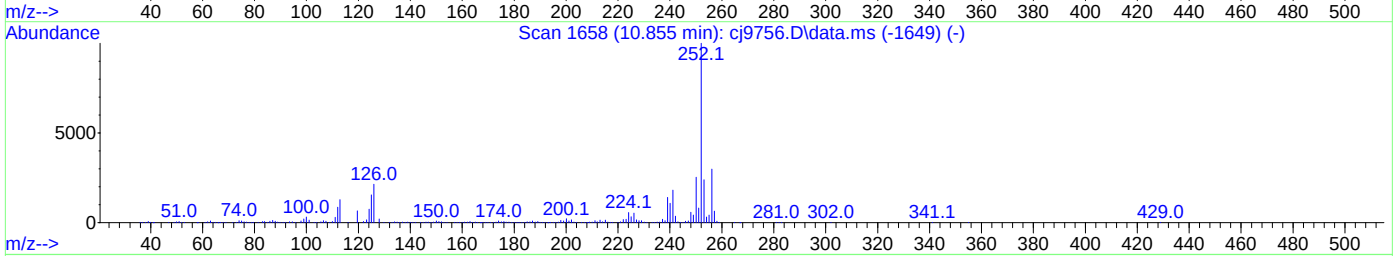
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10572.D
Acq On : 27 Jan 2025 11:50 pm
Operator : anthonyo
Sample : je4646-1 Inst : GCMSCJ
Misc : op61130,ecj451,15.2,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 28 05:30:45 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration







TIC: cj10572.D\data.ms

(95) Benzo[b]fluoranthene (t)

10.425min (+0.027) 7.72ppm

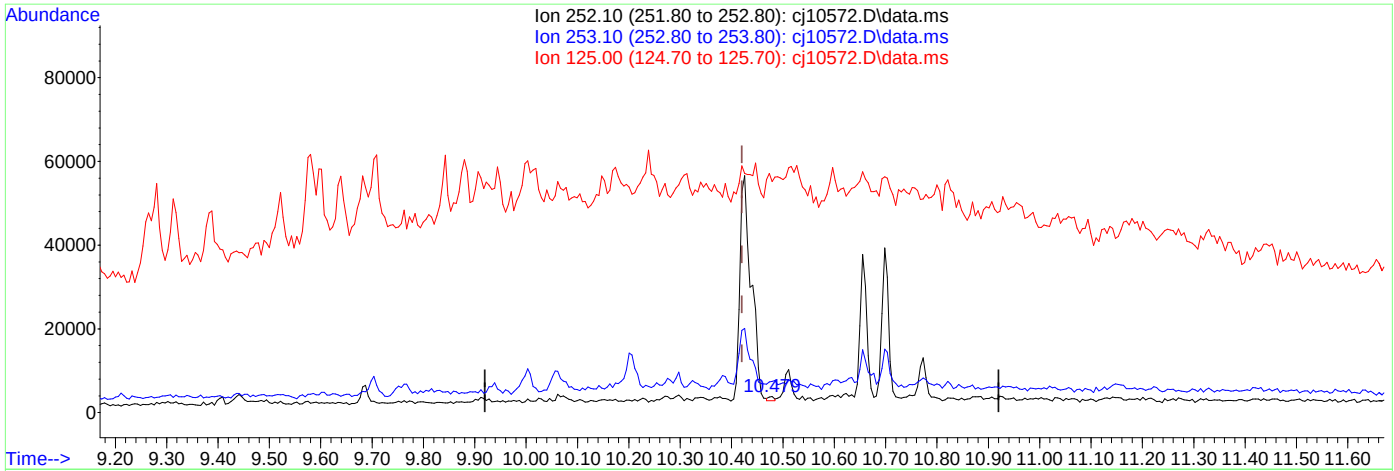
response 82188

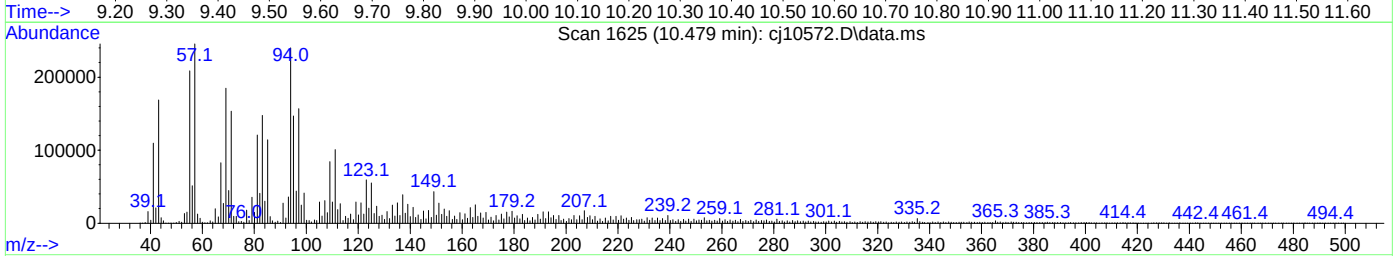
Ion	Exp%	Act%
252.10	100	100
253.10	21.80	24.75
125.00	9.50	7.75
0.00	0.00	0.00

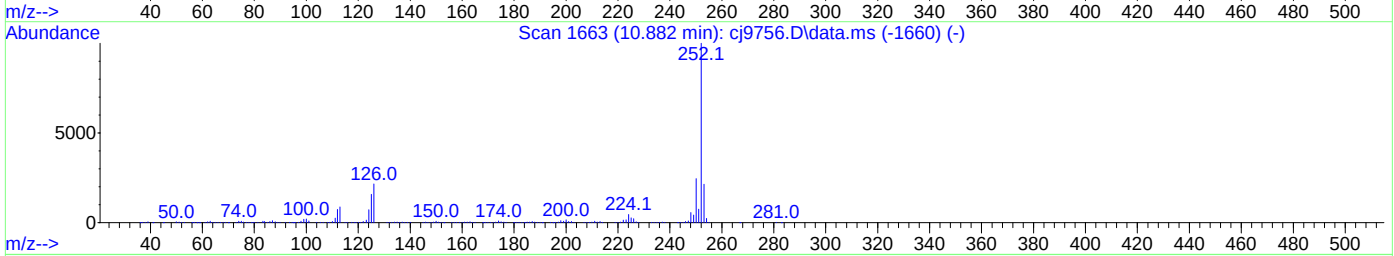
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10572.D
Acq On : 27 Jan 2025 11:50 pm
Operator : anthonyo
Sample : je4646-1 Inst : GCMSCJ
Misc : op61130,ecj451,15.2,,,1,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 28 05:30:45 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration







TIC: cj10572.D\data.ms

(96) Benzo[k]fluoranthene (t)

10.479min (+0.059) 0.08ppm

response 738

Ion	Exp%	Act%
252.10	100	100
253.10	22.10	42.69
125.00	10.60	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Ying Li
01/28/25 13:34

Quantitation Report (QT Reviewed)

Data Path : R:\Dayton\MSSEMI\Completed\1. January 2025\01-28-2025\recheleb\ecj451\
Data File : cj10573.D
Acq On : 28 Jan 2025 12:08 am
Operator : anthonyo
Sample : je4646-2
Misc : op61130,ecj451,16.4,,,1,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 28 05:52:46 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.103	152	99868	40.00	ppm	0.00
24) Naphthalene-d8	4.852	136	367019	40.00	ppm	0.00
46) Acenaphthene-d10	5.906	164	211019	40.00	ppm	0.00
69) Phenanthrene-d10	7.018	188	370701	40.00	ppm	0.01
84) Chrysene-d12	9.452	240	318834	40.00	ppm	0.03
93) Perylene-d12	10.768	264	341916	40.00	ppm	0.05
103) 1,4-Dichlorobenzene-d4a	4.103	152	99868	40.00	ppm	0.00
105) Phenanthrene-d10a	7.018	188	370701	40.00	ppm	0.01
107) Naphthalene-d8a	4.852	136	367019	40.00	ppm	0.00
109) Phenanthrene-d10b	7.018	188	370701	40.00	ppm	0.01
112) Chrysene-d12a	9.452	240	318834	40.00	ppm	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.317	112	70900	23.04	ppm	0.02
Spiked Amount 50.000			Recovery = 46.08%			
8) Phenol-d5	3.948	99	90789	23.40	ppm	0.01
Spiked Amount 50.000			Recovery = 46.80%			
25) Nitrobenzene-d5	4.445	82	86182	24.28	ppm	0.00
Spiked Amount 50.000			Recovery = 48.56%			
51) 2-Fluorobiphenyl	5.472	172	185378	26.74	ppm	0.00
Spiked Amount 50.000			Recovery = 53.48%			
74) 2,4,6-Tribromophenol	6.473	330	24070	28.96	ppm	0.00
Spiked Amount 50.000			Recovery = 57.92%			
87) Terphenyl-d14	8.441	244	196416	24.56	ppm	0.02
Spiked Amount 50.000			Recovery = 49.12%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
38) Naphthalene	4.863	128	5651	0.59	ppm	96
44) 2-Methylnaphthalene	5.253	141	5258	0.93	ppm	91
45) 1-Methylnaphthalene	5.312	141	5096m	0.94	ppm	
53) Biphenyl	5.531	154	1593	0.20	ppm	74
56) Acenaphthylene	5.815	152	19103	2.13	ppm	97
59) Acenaphthene	5.927	153	13449	2.07	ppm	94
62) Dibenzofuran	6.045	168	15103	1.73	ppm	89
66) Fluorene	6.285	166	31026	4.45	ppm	97
78) Phenanthrene	7.040	178	279823	26.32	ppm	98
79) Anthracene	7.077	178	67939	6.40	ppm	92
80) Carbazole	7.232	167	22592	2.19	ppm	97
81) Di-n-butylphthalate	7.510	149	11847	0.92	ppm	93
82) Fluoranthene	8.088	202	430738	39.17	ppm	98
86) Pyrene	8.297	202	376493	31.62	ppm	97
89) Benzo[a]anthracene	9.441	228	165615	15.17	ppm	95
91) Chrysene	9.479	228	192372	18.81	ppm	97
92) bis(2-Ethylhexyl)phtha...	9.457	149	294773	35.43	ppm	98
95) Benzo[b]fluoranthene	10.436	252	217429m	19.86	ppm	
96) Benzo[k]fluoranthene	10.447	252	81200m	8.29	ppm	
97) Benzo[a]pyrene	10.714	252	120597	13.43	ppm	96
98) Indeno[1,2,3-cd]pyrene	11.762	276	94334	8.39	ppm	88

Quantitation Report (QT Reviewed)

Data Path : R:\Dayton\MSSEMI\Completed\1. January 2025\01-28-2025\recheleb\ecj451\
Data File : cj10573.D
Acq On : 28 Jan 2025 12:08 am
Operator : anthonyo
Sample : je4646-2
Misc : op61130,ecj451,16.4,,,1,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 28 05:52:46 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

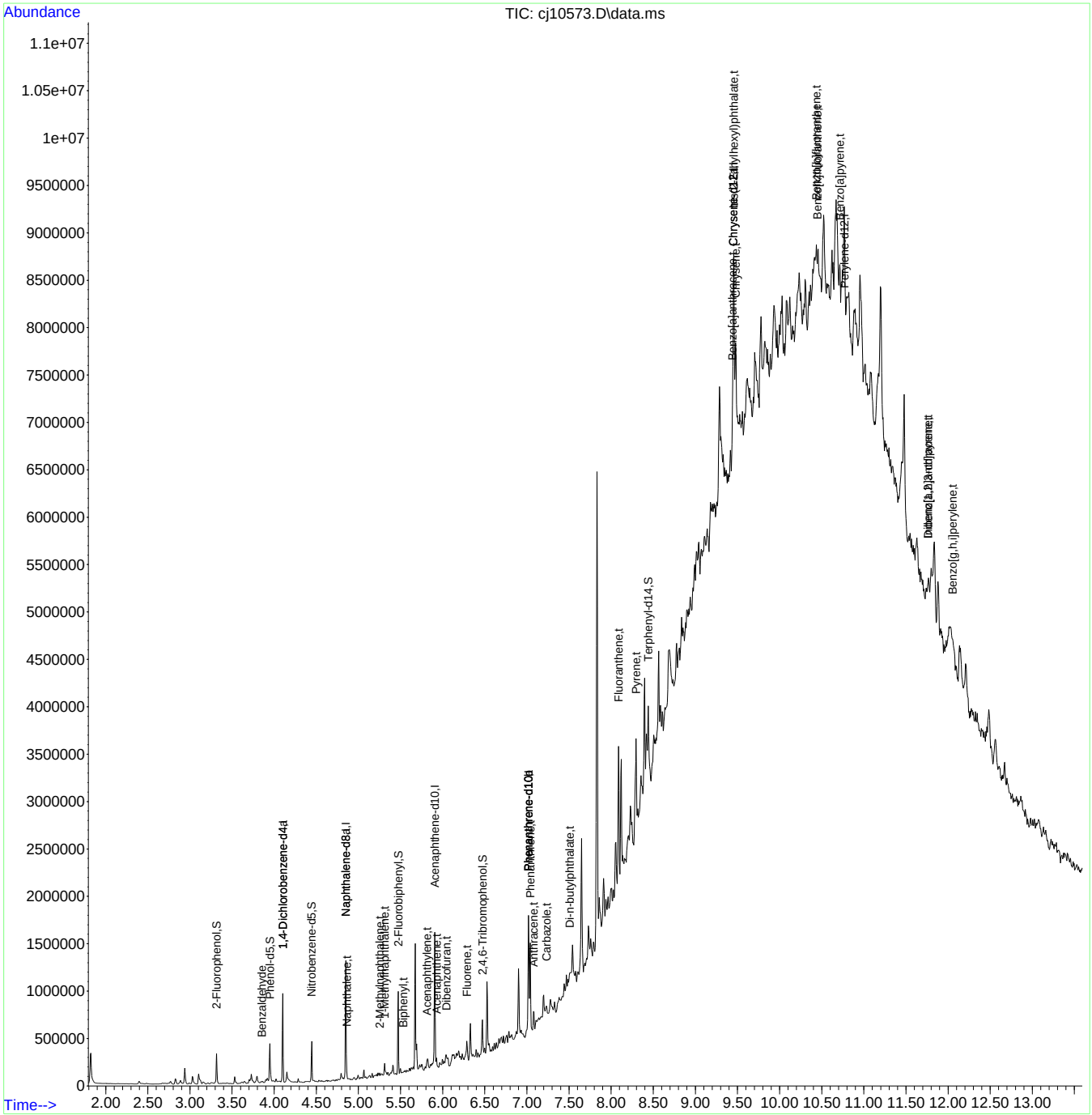
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
100) Dibenz[a,h]anthracene	11.762	278	26508	2.96	ppm	94
102) Benzo[g,h,i]perylene	12.051	276	92466	10.61	ppm	95
104) Benzaldehyde	3.852	105	4230	1.46	ppm	74

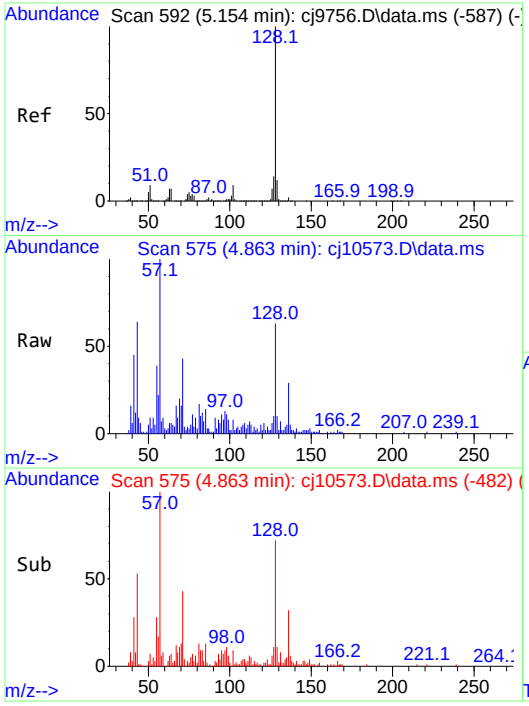
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\Dayton\MSSEMI\Completed\1. January 2025\01-28-2025\recheleb\ecj451\
Data File : cj10573.D
Acq On : 28 Jan 2025 12:08 am
Operator : anthonyo
Sample : je4646-2
Misc : op61130,ecj451,16.4,,,1,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 28 05:52:46 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

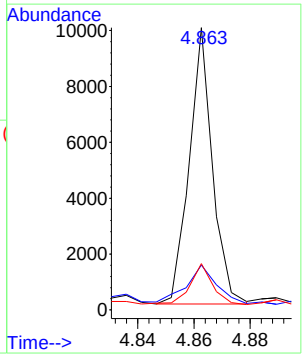


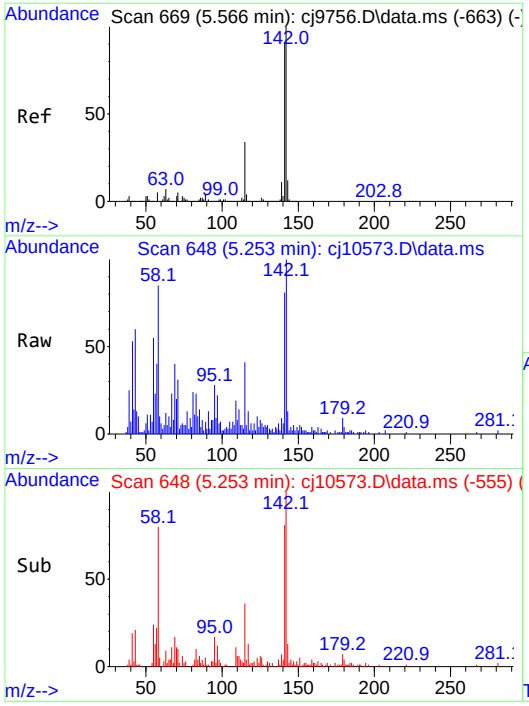


#38
Naphthalene
Concen: 0.59 ppm
RT: 4.863 min Scan# 575
Delta R.T. -0.000 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:128 Resp: 5651

Ion	Ratio	Lower	Upper
128	100		
129	13.0	0.0	40.9
127	14.6	0.0	43.8

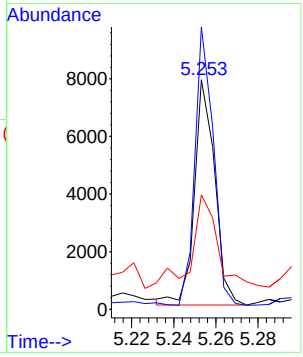


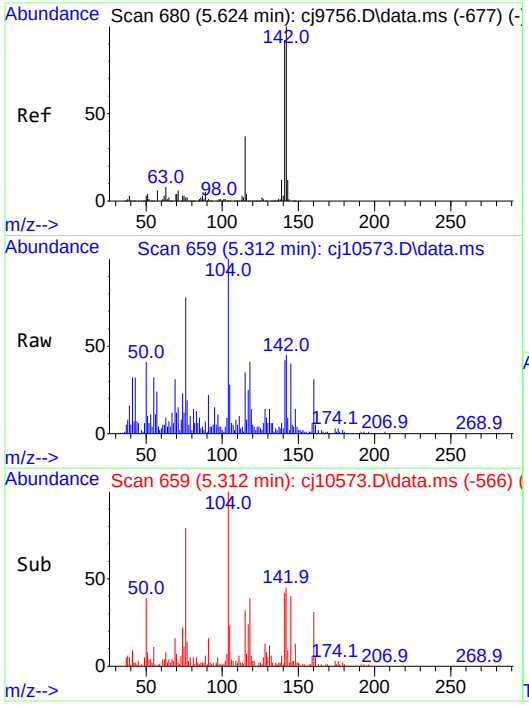


#44
2-Methylnaphthalene
Concen: 0.93 ppm
RT: 5.253 min Scan# 648
Delta R.T. 0.000 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:141 Resp: 5258

Ion	Ratio	Lower	Upper
141	100		
142	124.6	82.6	142.6
115	39.4	11.3	71.3

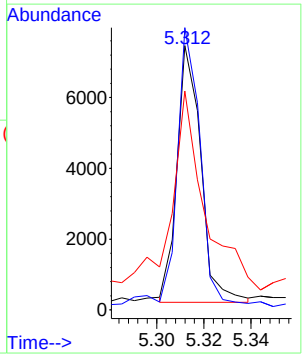


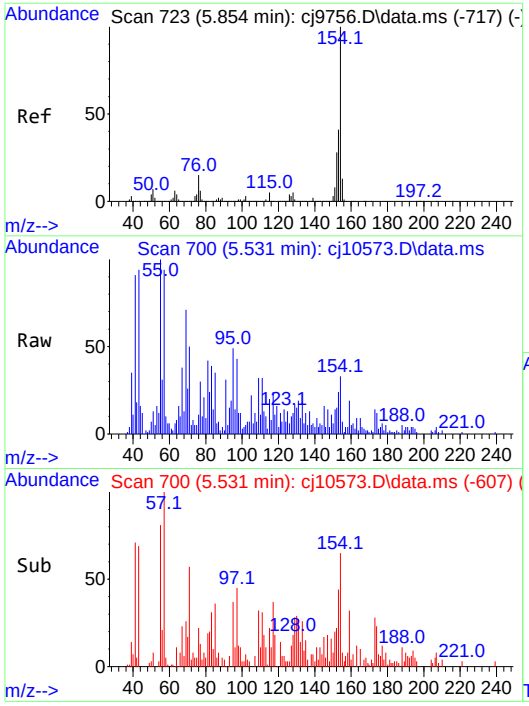


#45
1-Methylnaphthalene
Concen: 0.94 ppm m
RT: 5.312 min Scan# 659
Delta R.T. 0.000 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:141 Resp: 5096

Ion	Ratio	Lower	Upper
141	100		
142	106.8	78.7	138.7
115	82.8	12.3	72.3#

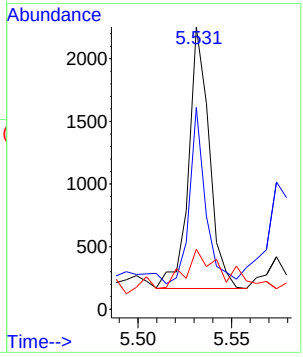


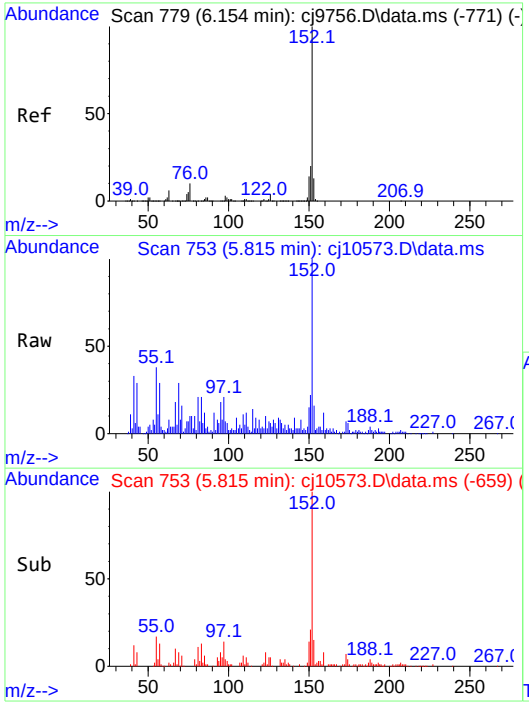


#53
Biphenyl
Concen: 0.20 ppm
RT: 5.531 min Scan# 700
Delta R.T. 0.000 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:154 Resp: 1593

Ion	Ratio	Lower	Upper
154	100		
153	62.4	11.1	71.1
155	13.6	0.0	42.7

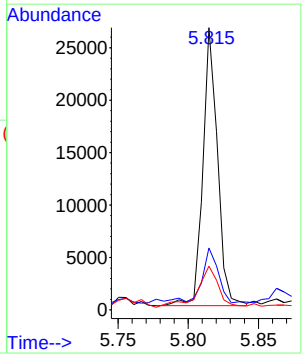


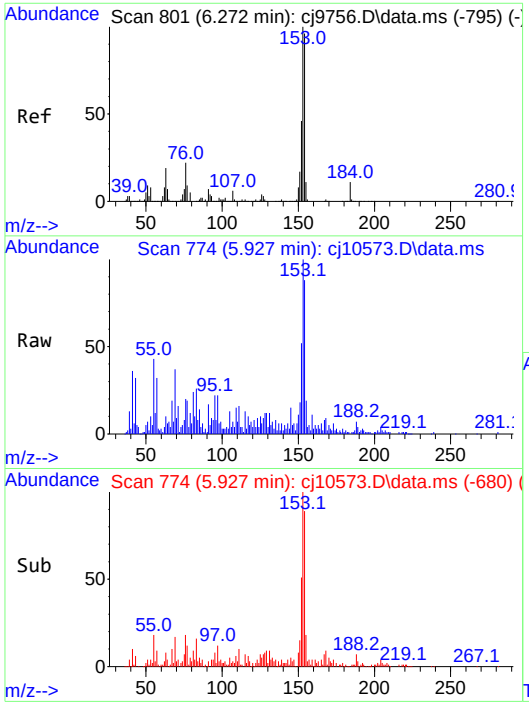


#56
Acenaphthylene
Concen: 2.13 ppm
RT: 5.815 min Scan# 753
Delta R.T. 0.005 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:152 Resp: 19103

Ion	Ratio	Lower	Upper
152	100		
151	19.0	0.0	50.6
153	14.7	0.0	43.6

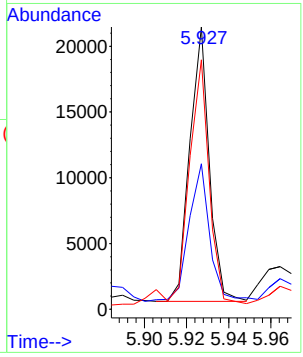


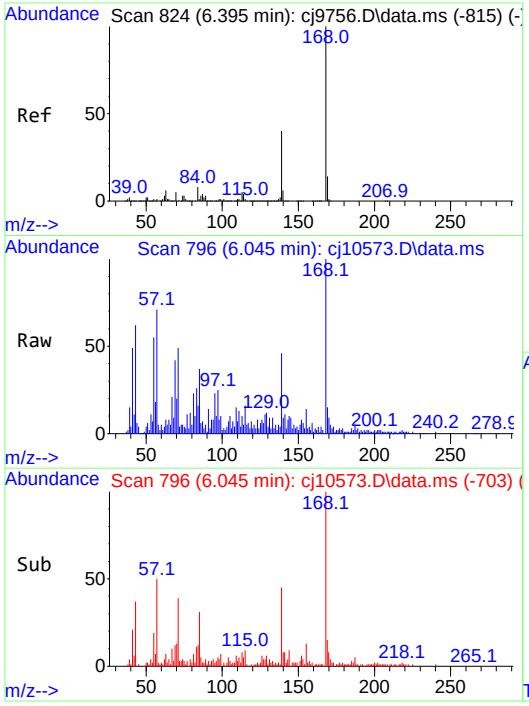


#59
Acenaphthene
Concen: 2.07 ppm
RT: 5.927 min Scan# 774
Delta R.T. 0.005 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:153 Resp: 13449

Ion	Ratio	Lower	Upper
153	100		
152	49.3	17.2	77.2
154	86.5	49.3	109.3

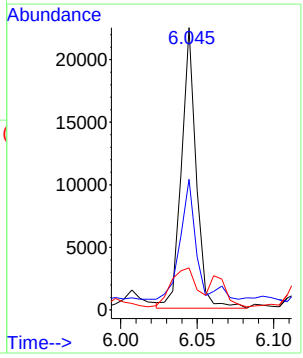


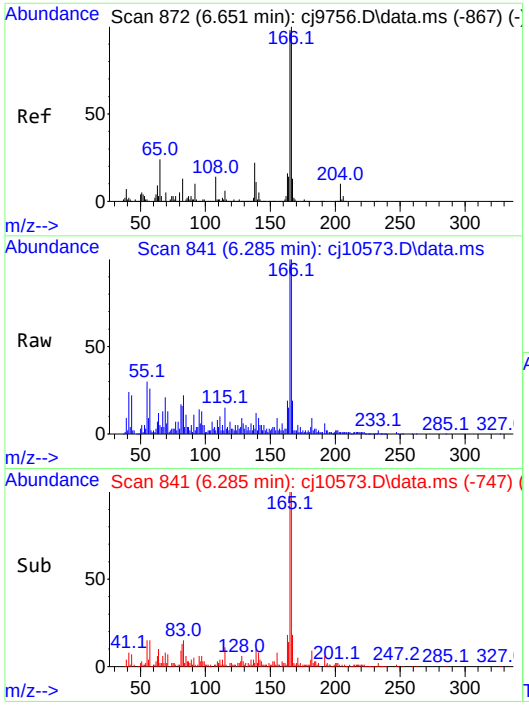


#62
Dibenzofuran
Concen: 1.73 ppm
RT: 6.045 min Scan# 796
Delta R.T. -0.000 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:168 Resp: 15103

Ion	Ratio	Lower	Upper
168	100		
139	43.0	21.8	81.8
169	13.9	0.0	42.4

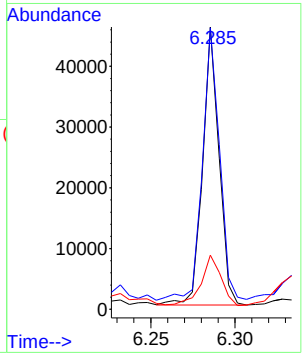


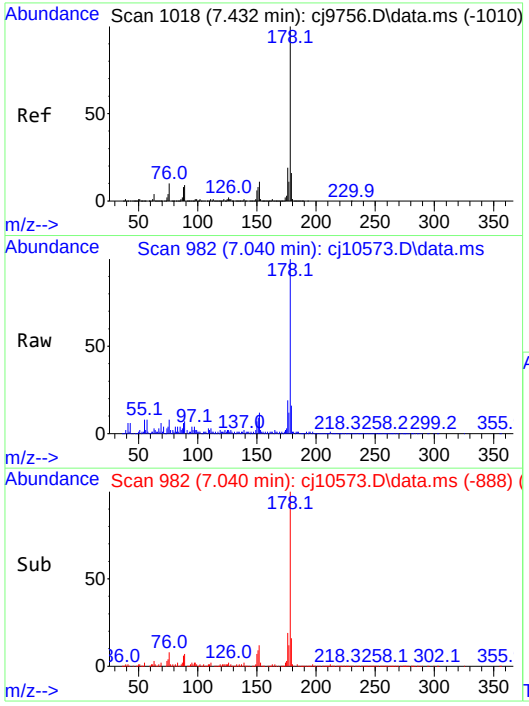


#66
Fluorene
Concen: 4.45 ppm
RT: 6.285 min Scan# 841
Delta R.T. 0.005 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:166 Resp: 31026

Ion	Ratio	Lower	Upper
166	100		
165	97.8	70.0	130.0
167	17.6	0.0	44.0

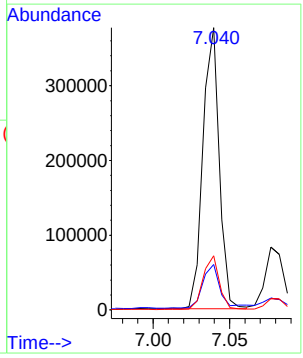


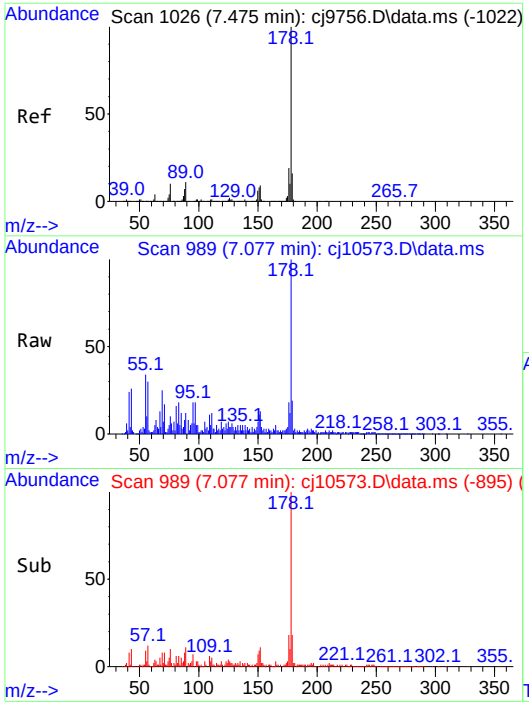


#78
Phenanthrene
Concen: 26.32 ppm
RT: 7.040 min Scan# 982
Delta R.T. 0.005 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:178 Resp: 279823

Ion	Ratio	Lower	Upper
178	100		
179	15.0	0.0	45.5
176	19.0	0.0	49.9

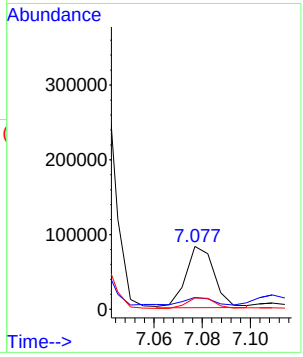


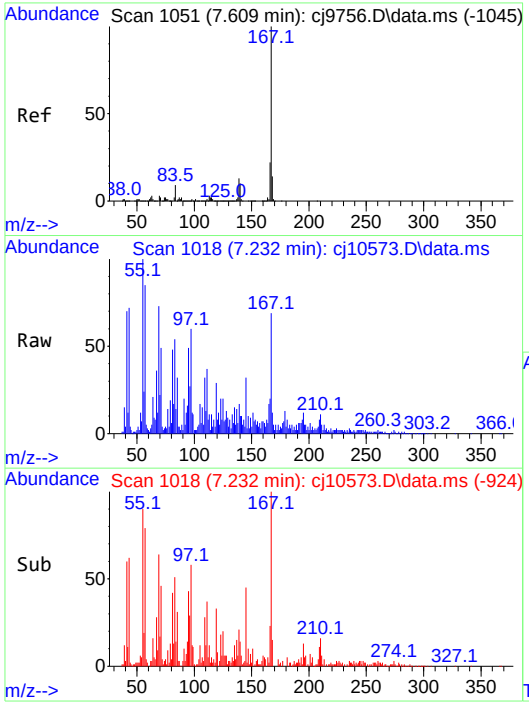


#79
Anthracene
Concen: 6.40 ppm
RT: 7.077 min Scan# 989
Delta R.T. 0.005 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:178 Resp: 67939

Ion	Ratio	Lower	Upper
178	100		
179	10.1	0.0	45.8
176	17.3	0.0	48.7

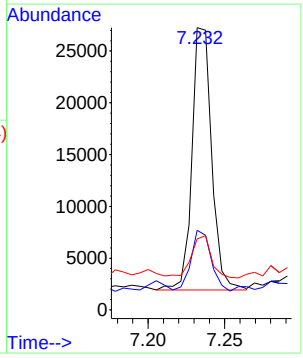


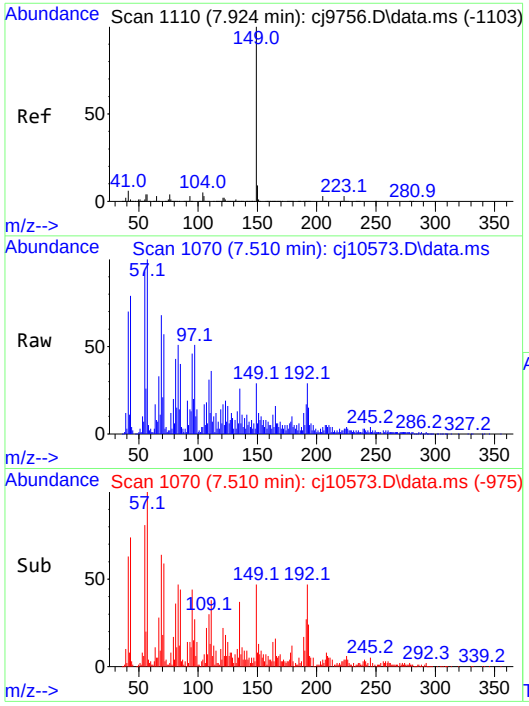


#80
Carbazole
Concen: 2.19 ppm
RT: 7.232 min Scan# 1018
Delta R.T. 0.005 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:167 Resp: 22592

Ion	Ratio	Lower	Upper
167	100		
166	20.4	0.0	51.8
139	13.3	0.0	44.2

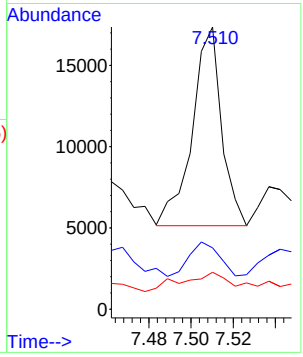


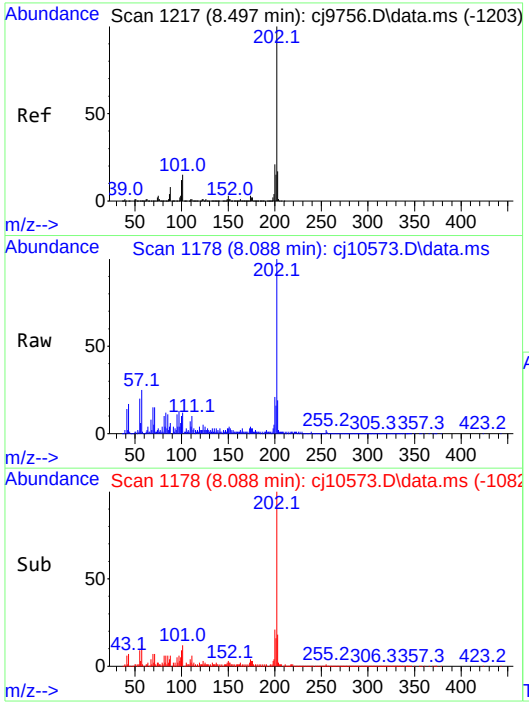


#81
Di-n-butylphthalate
Concen: 0.92 ppm
RT: 7.510 min Scan# 1070
Delta R.T. 0.011 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:149 Resp: 11847

Ion	Ratio	Lower	Upper
149	100		
150	12.0	0.0	39.1
104	6.7	0.0	35.0

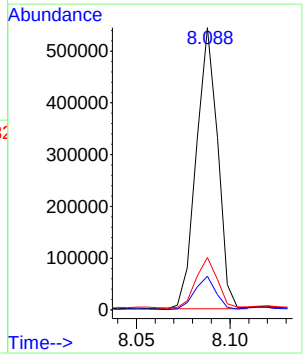


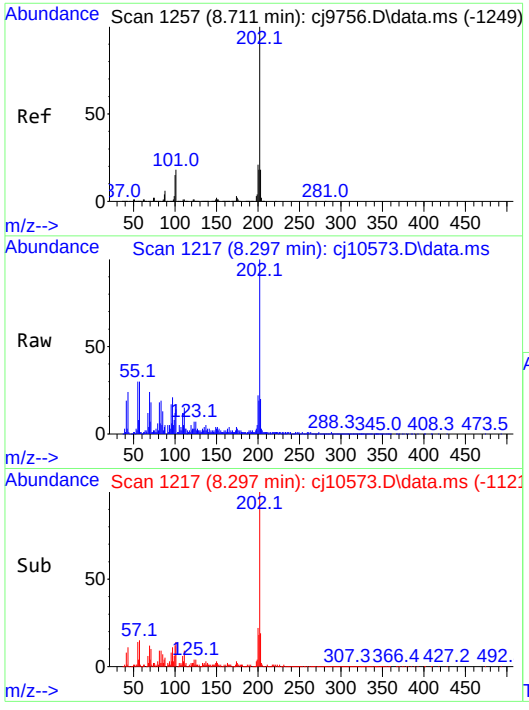


#82
Fluoranthene
Concen: 39.17 ppm
RT: 8.088 min Scan# 1178
Delta R.T. 0.016 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:202 Resp: 430738

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	41.2
203	17.7	0.0	46.8

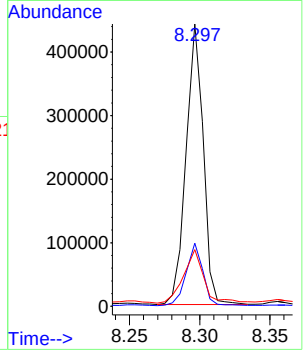


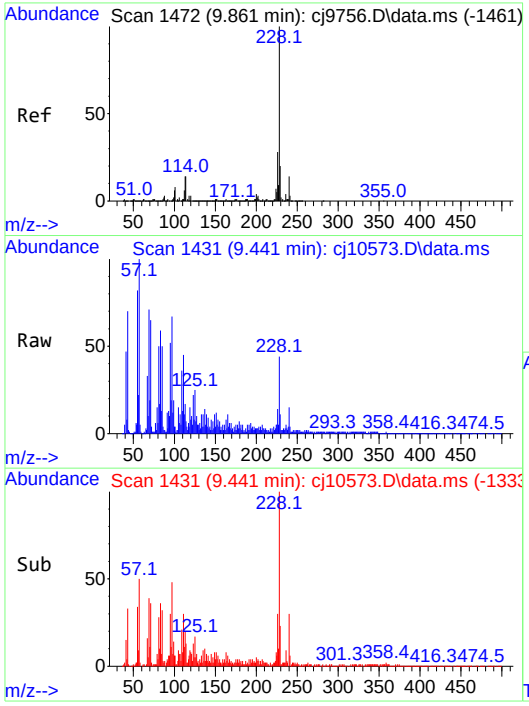


#86
Pyrene
Concen: 31.62 ppm
RT: 8.297 min Scan# 1217
Delta R.T. 0.016 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:202 Resp: 376493

Ion	Ratio	Lower	Upper
202	100		
200	22.2	0.0	50.8
203	18.8	0.0	47.0

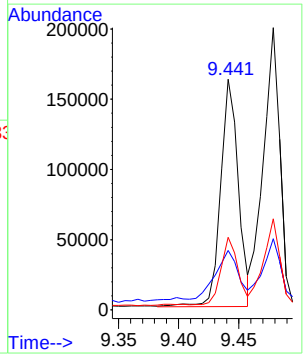


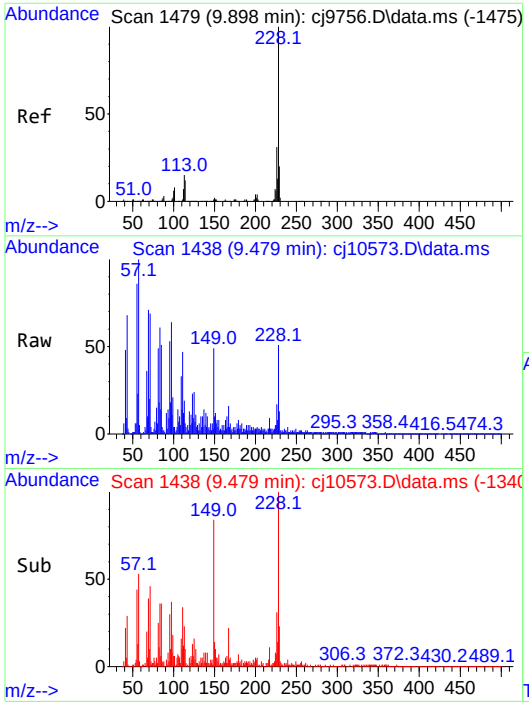


#89
Benzo[a]anthracene
Concen: 15.17 ppm
RT: 9.441 min Scan# 1431
Delta R.T. 0.027 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:228 Resp: 165615

Ion	Ratio	Lower	Upper
228	100		
229	21.1	0.0	48.6
226	30.0	0.0	57.2

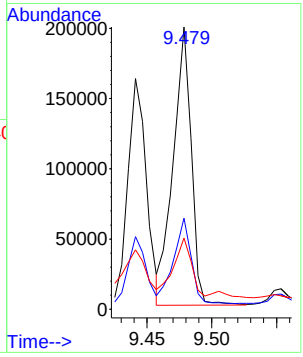


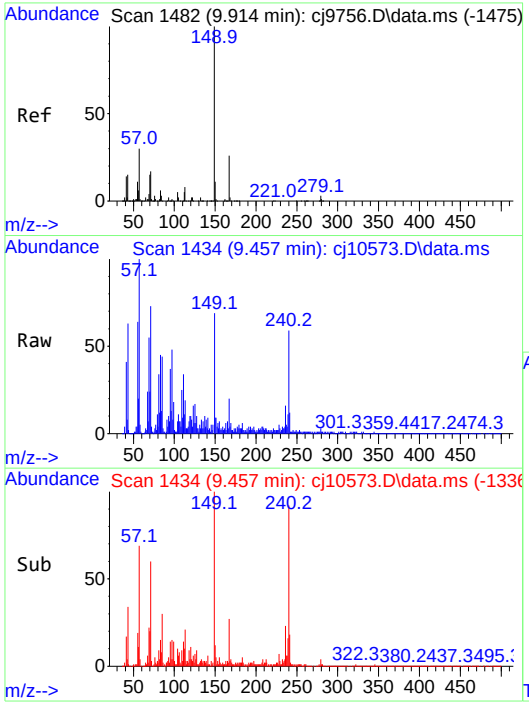


#91
Chrysene
Concen: 18.81 ppm
RT: 9.479 min Scan# 1438
Delta R.T. 0.027 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:228 Resp: 192372

Ion	Ratio	Lower	Upper
228	100		
226	31.0	0.0	59.6
229	21.1	0.0	49.1

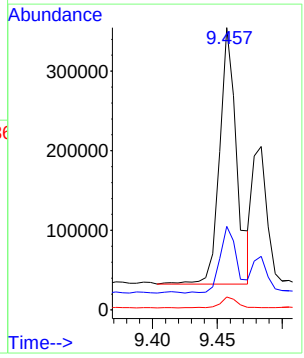


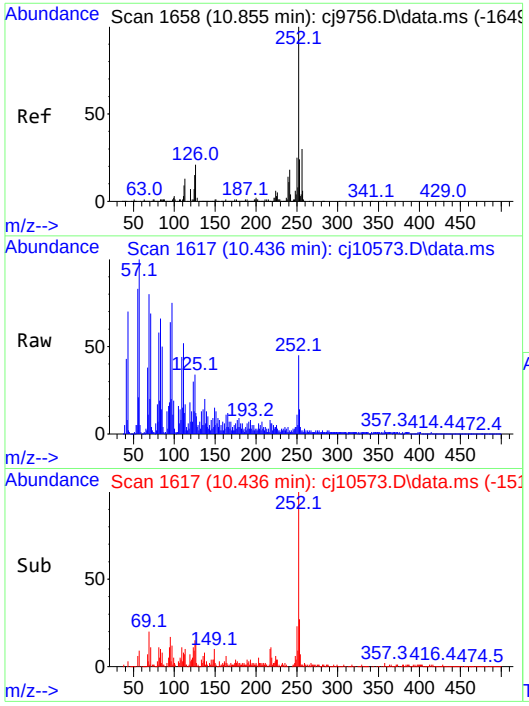


#92
bis(2-Ethylhexyl)phthalate
Concen: 35.43 ppm
RT: 9.457 min Scan# 1434
Delta R.T. 0.027 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:149 Resp: 294773

Ion	Ratio	Lower	Upper
149	100		
167	26.2	0.0	55.1
279	4.6	0.0	33.1

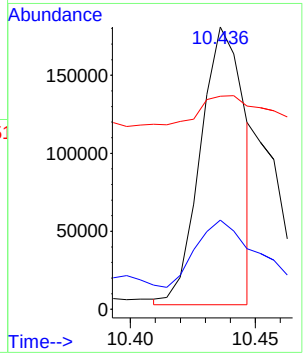


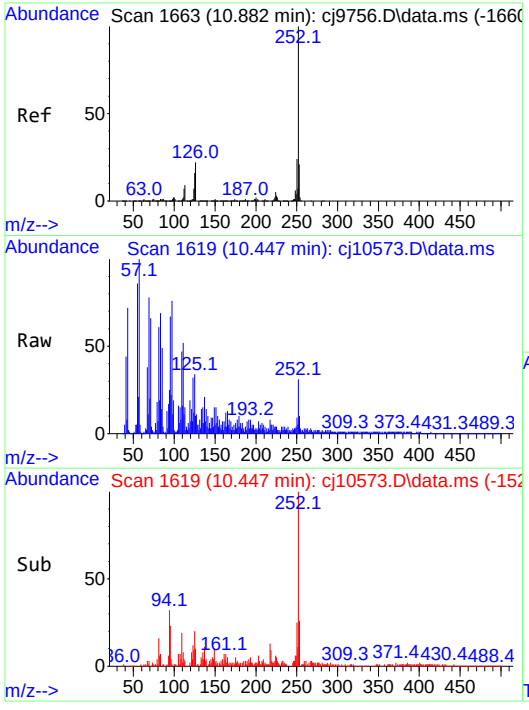


#95
Benzo[b]fluoranthene
Concen: 19.86 ppm m
RT: 10.436 min Scan# 1617
Delta R.T. 0.037 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:252 Resp: 217429

Ion	Ratio	Lower	Upper
252	100		
253	31.6	0.0	51.8
125	75.4	0.0	39.5#

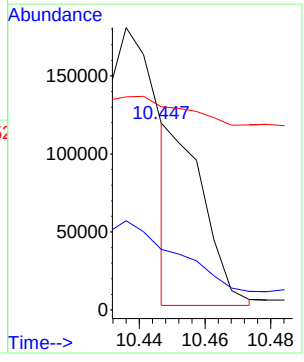


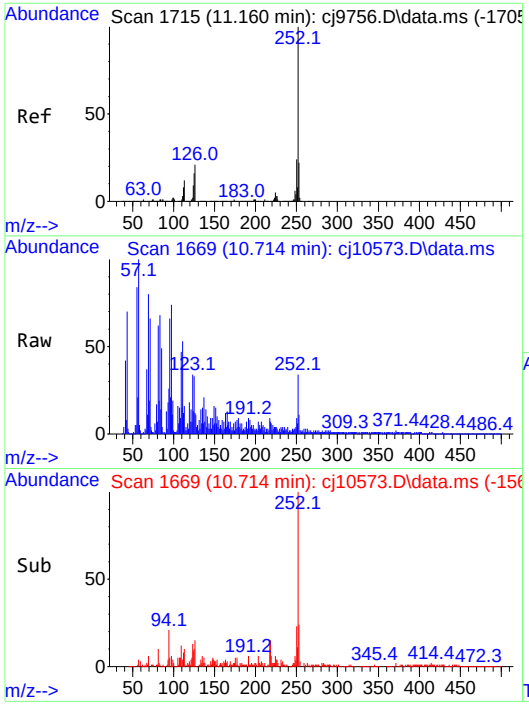


#96
Benzo[k]fluoranthene
Concen: 8.29 ppm m
RT: 10.447 min Scan# 1619
Delta R.T. 0.027 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:252 Resp: 81200

Ion	Ratio	Lower	Upper
252	100		
253	32.4	0.0	52.1
125	108.7	0.0	40.6#

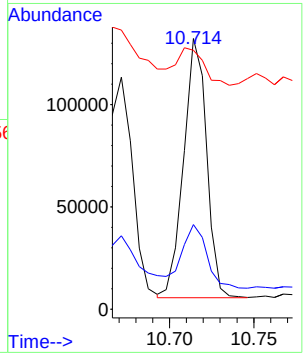


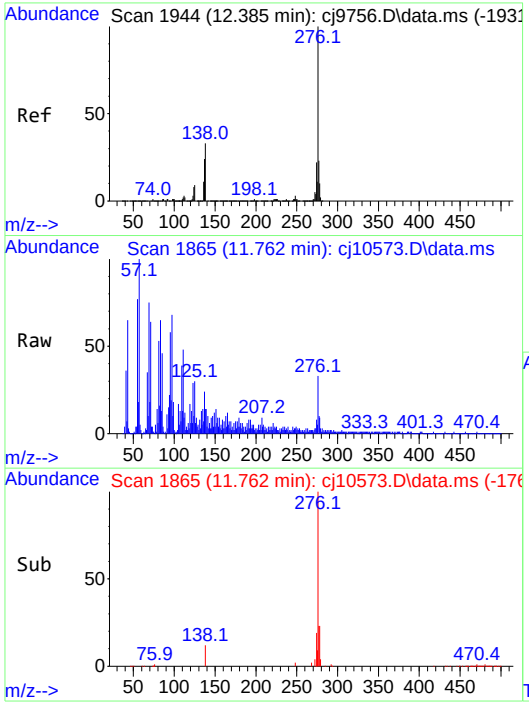


#97
Benzo[a]pyrene
Concen: 13.43 ppm
RT: 10.714 min Scan# 1669
Delta R.T. 0.043 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:252 Resp: 120597

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	50.9
125	9.2	0.0	41.7

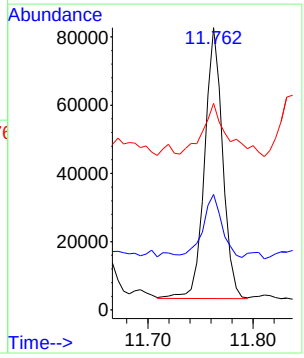


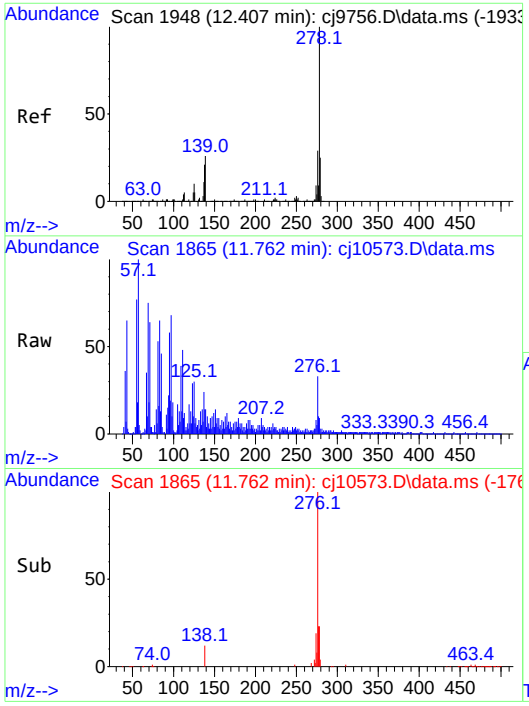


#98
Indeno[1,2,3-cd]pyrene
Concen: 8.39 ppm
RT: 11.762 min Scan# 1865
Delta R.T. 0.064 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:276 Resp: 94334

Ion	Ratio	Lower	Upper
276	100		
138	22.5	0.9	60.9
137	18.1	0.0	51.0

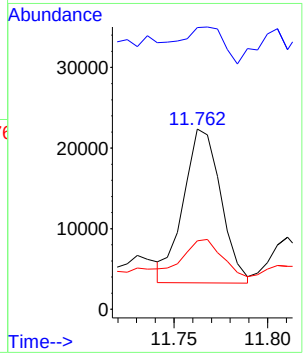


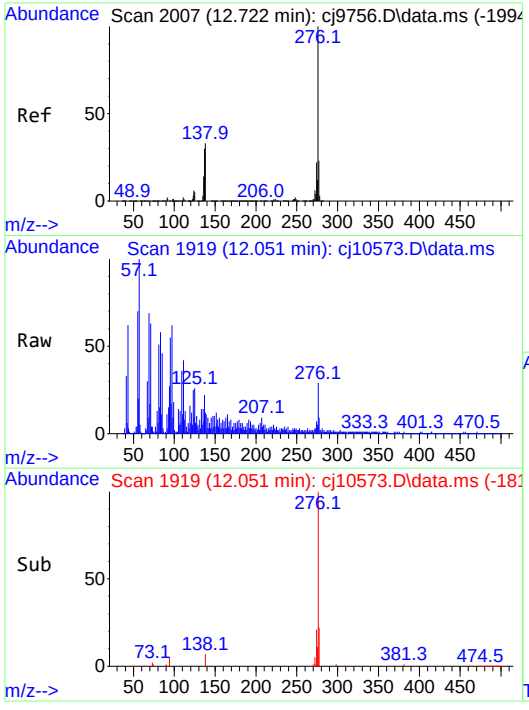


#100
Dibenz[a,h]anthracene
Concen: 2.96 ppm
RT: 11.762 min Scan# 1865
Delta R.T. 0.053 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:278 Resp: 26508

Ion	Ratio	Lower	Upper
278	100		
139	12.9	0.0	48.3
279	22.7	0.0	53.3

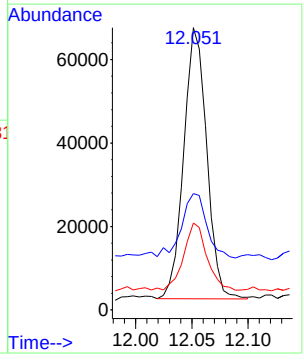


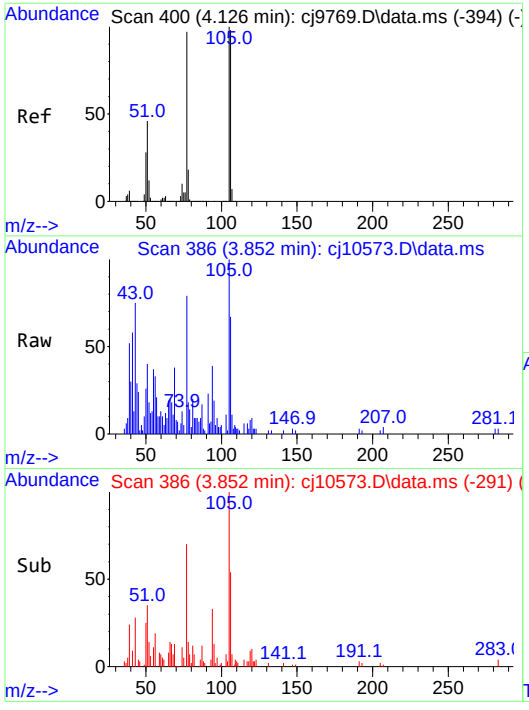


#102
Benzo[g,h,i]perylene
Concen: 10.61 ppm
RT: 12.051 min Scan# 1919
Delta R.T. 0.070 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:276 Resp: 92466

Ion	Ratio	Lower	Upper
276	100		
138	23.0	0.0	56.8
277	24.4	0.0	53.4

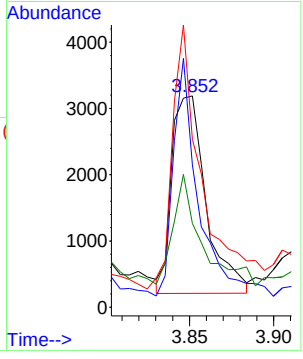




#104
Benzaldehyde
Concen: 1.46 ppm
RT: 3.852 min Scan# 386
Delta R.T. 0.011 min
Lab File: cj10573.D
Acq: 28 Jan 2025 12:08 am

Tgt Ion:105 Resp: 4230

Ion	Ratio	Lower	Upper
105	100		
106	67.4	64.7	124.7
77	70.1	64.8	124.8
51	28.2	13.4	73.4



Manual Integration Approval Summary

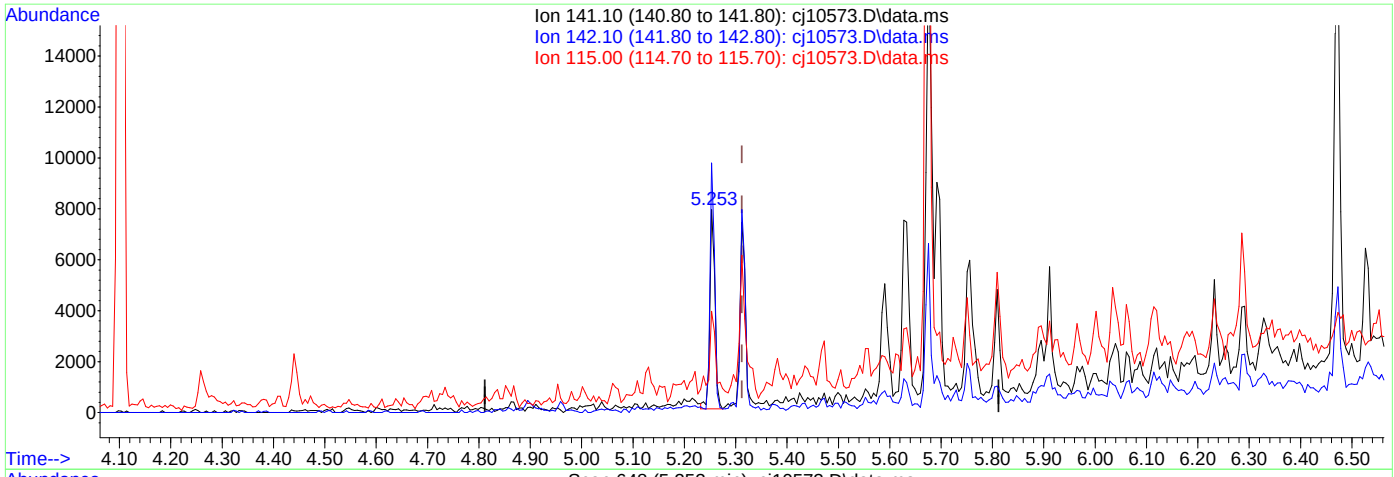
Sample Number: JE4646-2
Lab FileID: CJ10573.D
Injection Time: 01/28/25 00:08
Method: SW846 8270E
Analyst approved: 01/28/25 11:14 Daniela Suarez
Supervisor approved: 01/28/25 13:34 Ying Li

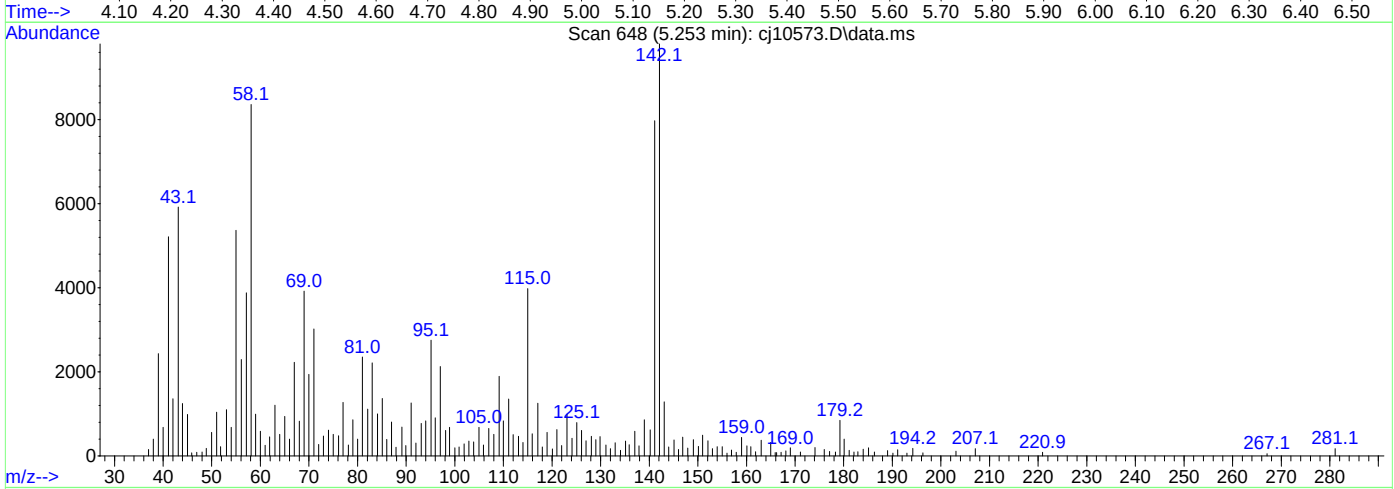
Parameter	CAS	Sig#	R.T. (min.)	Reason
1-Methylnaphthalene	90-12-0		5.31	Split peak
Benzo(b)fluoranthene	205-99-2		10.44	Split peak
Benzo(k)fluoranthene	207-08-9		10.45	Split peak

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10573.D
Acq On : 28 Jan 2025 12:08 am
Operator : anthonyo
Sample : je4646-2 Inst : GCMSCJ
Misc : op61130,ecj451,16.4,,,1,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 28 05:52:53 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10573.D\data.ms

(45) 1-Methylnaphthalene (t)

5.253min (-0.059) 0.97ppm

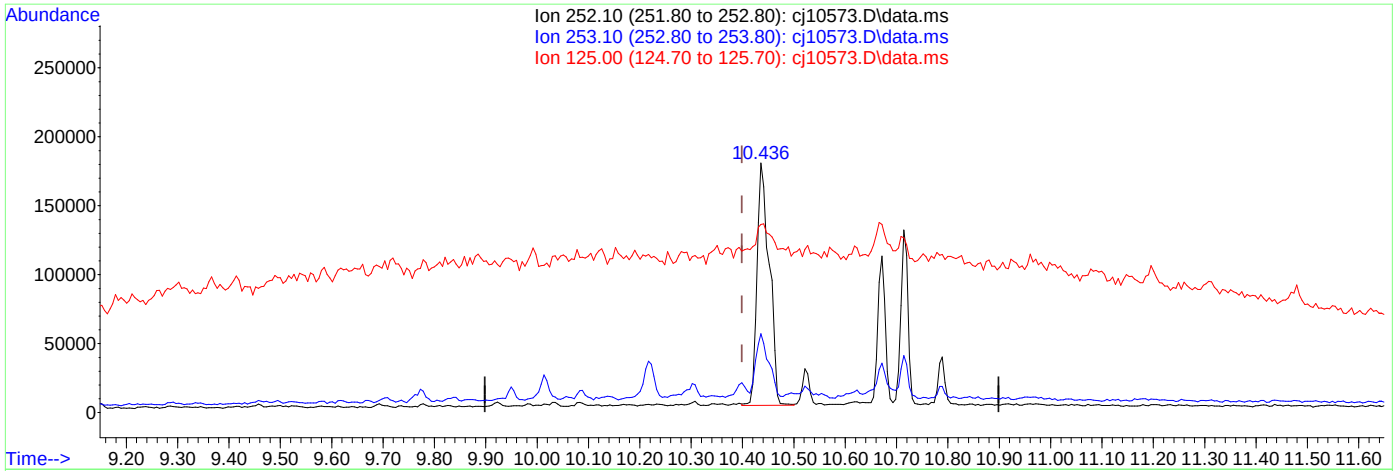
response 5258

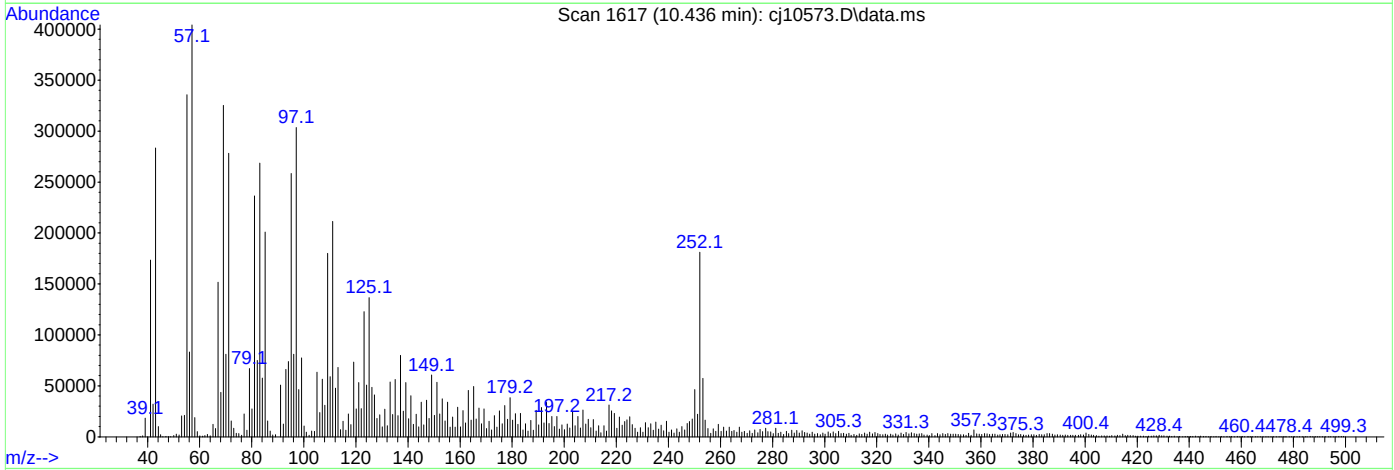
Ion	Exp%	Act%
141.10	100	100
142.10	108.70	124.60
115.00	42.30	39.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10573.D
Acq On : 28 Jan 2025 12:08 am
Operator : anthonyo
Sample : je4646-2 Inst : GCMSCJ
Misc : op61130,ecj451,16.4,,,1,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 28 06:03:31 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10573.D\data.ms

(95) Benzo[b]fluoranthene (t)

10.436min (+0.037) 26.65ppm

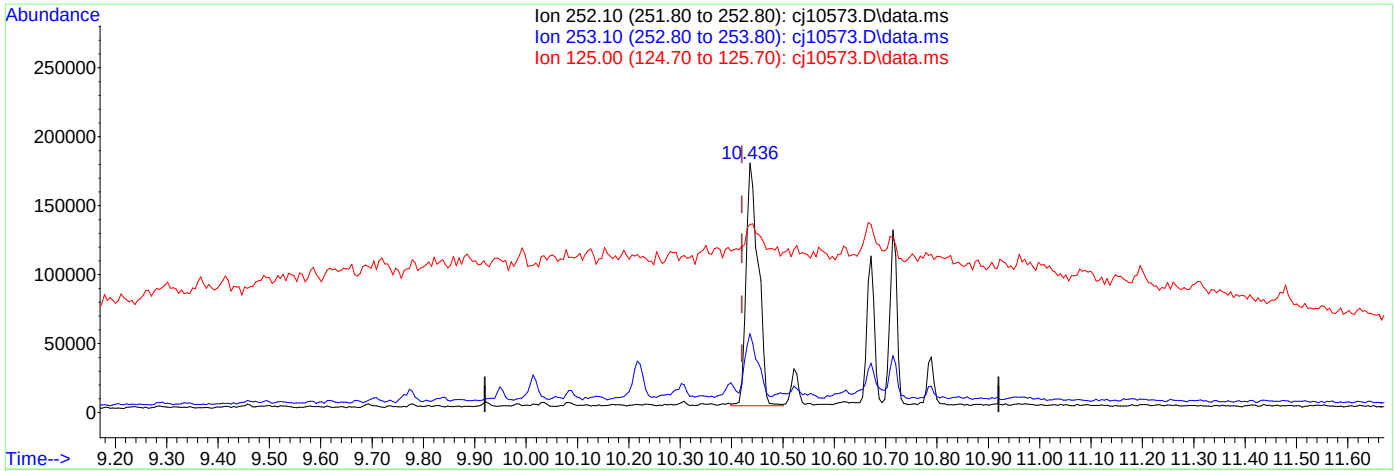
response 291748

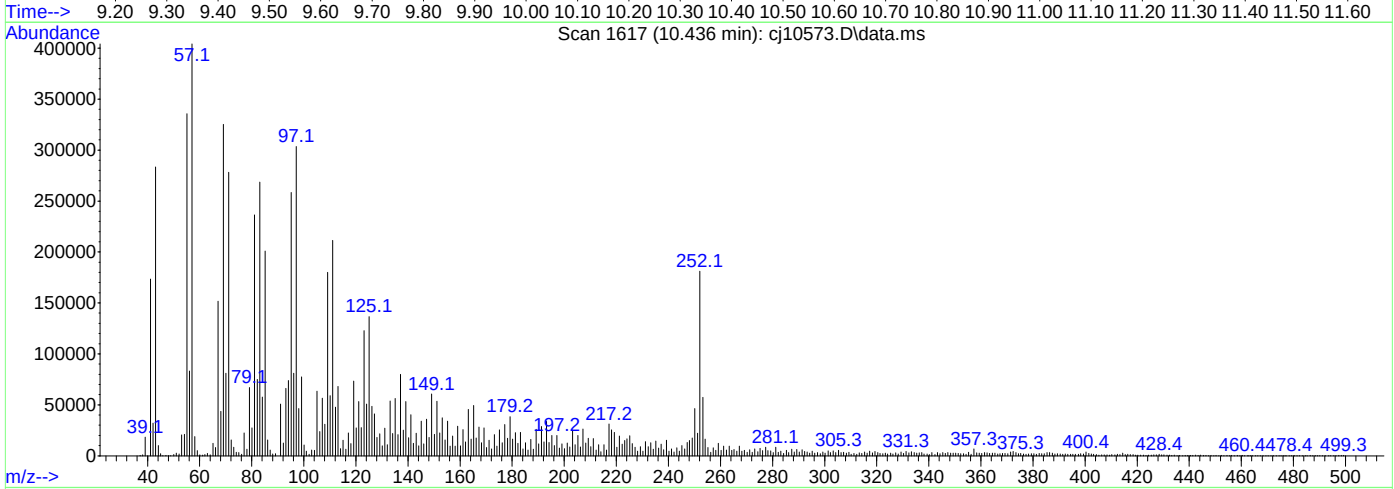
Ion	Exp%	Act%
252.10	100	100
253.10	21.80	22.63
125.00	9.50	11.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10573.D
Acq On : 28 Jan 2025 12:08 am
Operator : anthonyo
Sample : je4646-2 Inst : GCMSCJ
Misc : op61130,ecj451,16.4,,,1,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 28 06:03:31 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10573.D\data.ms

(96) Benzo[k]fluoranthene (t)

10.436min (+0.016) 30.01ppm

response 293825

Ion	Exp%	Act%
252.10	100	100
253.10	22.10	22.63
125.00	10.60	11.34
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Ying Li
01/28/25 13:34

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 06:16:48 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.103	152	87491	40.00	ppm	0.00
24) Naphthalene-d8	4.852	136	337276	40.00	ppm	0.00
46) Acenaphthene-d10	5.906	164	188011	40.00	ppm	0.00
69) Phenanthrene-d10	7.018	188	323852	40.00	ppm	0.01
84) Chrysene-d12	9.447	240	289956	40.00	ppm	0.03
93) Perylene-d12	10.757	264	305657	40.00	ppm	0.04
103) 1,4-Dichlorobenzene-d4a	4.103	152	87491	40.00	ppm	0.00
105) Phenanthrene-d10a	7.018	188	323852	40.00	ppm	0.01
107) Naphthalene-d8a	4.852	136	337276	40.00	ppm	0.00
109) Phenanthrene-d10b	7.018	188	323852	40.00	ppm	0.01
112) Chrysene-d12a	9.447	240	289956	40.00	ppm	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.317	112	85028	31.54	ppm	0.02
Spiked Amount 50.000			Recovery =	63.08%		
8) Phenol-d5	3.948	99	108483	31.92	ppm	0.01
Spiked Amount 50.000			Recovery =	63.84%		
25) Nitrobenzene-d5	4.446	82	103197	31.63	ppm	0.00
Spiked Amount 50.000			Recovery =	63.26%		
51) 2-Fluorobiphenyl	5.473	172	218032	35.30	ppm	0.00
Spiked Amount 50.000			Recovery =	70.60%		
74) 2,4,6-Tribromophenol	6.473	330	27661	38.10	ppm	0.00
Spiked Amount 50.000			Recovery =	76.20%		
87) Terphenyl-d14	8.441	244	231130	31.78	ppm	0.02
Spiked Amount 50.000			Recovery =	63.56%		
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
38) Naphthalene	4.863	128	4380	0.4942	ppm	87
44) 2-Methylnaphthalene	5.253	141	7620	1.4695	ppm	93
45) 1-Methylnaphthalene	5.312	141	8725m	1.7594	ppm	
53) Biphenyl	5.531	154	2393	0.3308	ppm	87
56) Acenaphthylene	5.815	152	5951m	0.7450	ppm	
59) Acenaphthene	5.927	153	8368	1.4452	ppm	91
62) Dibenzofuran	6.045	168	7617m	0.9797	ppm	
66) Fluorene	6.286	166	25053	4.0315	ppm	92
78) Phenanthrene	7.040	178	187890m	20.2271	ppm	
79) Anthracene	7.083	178	29200	3.1502	ppm	81
80) Carbazole	7.238	167	7147	0.7929	ppm	92
81) Di-n-butylphthalate	7.510	149	10399	0.9279	ppm	98
82) Fluoranthene	8.088	202	159123	16.5621	ppm	98
86) Pyrene	8.297	202	143524m	13.2558	ppm	
88) Butylbenzylphthalate	8.906	149	10277m	2.0380	ppm	
89) Benzo[a]anthracene	9.436	228	46775	4.7100	ppm	99
91) Chrysene	9.468	228	64508	6.9360	ppm	98
92) bis(2-Ethylhexyl)phtha...	9.452	149	301357	39.8320	ppm	98
94) Di-n-octylphthalate	10.051	149	33566m	2.5488	ppm	
95) Benzo[b]fluoranthene	10.425	252	64030m	6.5418	ppm	
96) Benzo[k]fluoranthene	10.442	252	21570m	2.4640	ppm	
97) Benzo[a]pyrene	10.704	252	35232	4.3875	ppm	94
98) Indeno[1,2,3-cd]pyrene	11.741	276	26950	2.6798	ppm	80
100) Dibenz[a,h]anthracene	11.747	278	8525	1.0640	ppm	97
102) Benzo[g,h,i]perylene	12.030	276	29971	3.8470	ppm	93
104) Benzaldehyde	3.847	105	3577m	1.4127	ppm	

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 06:16:48 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

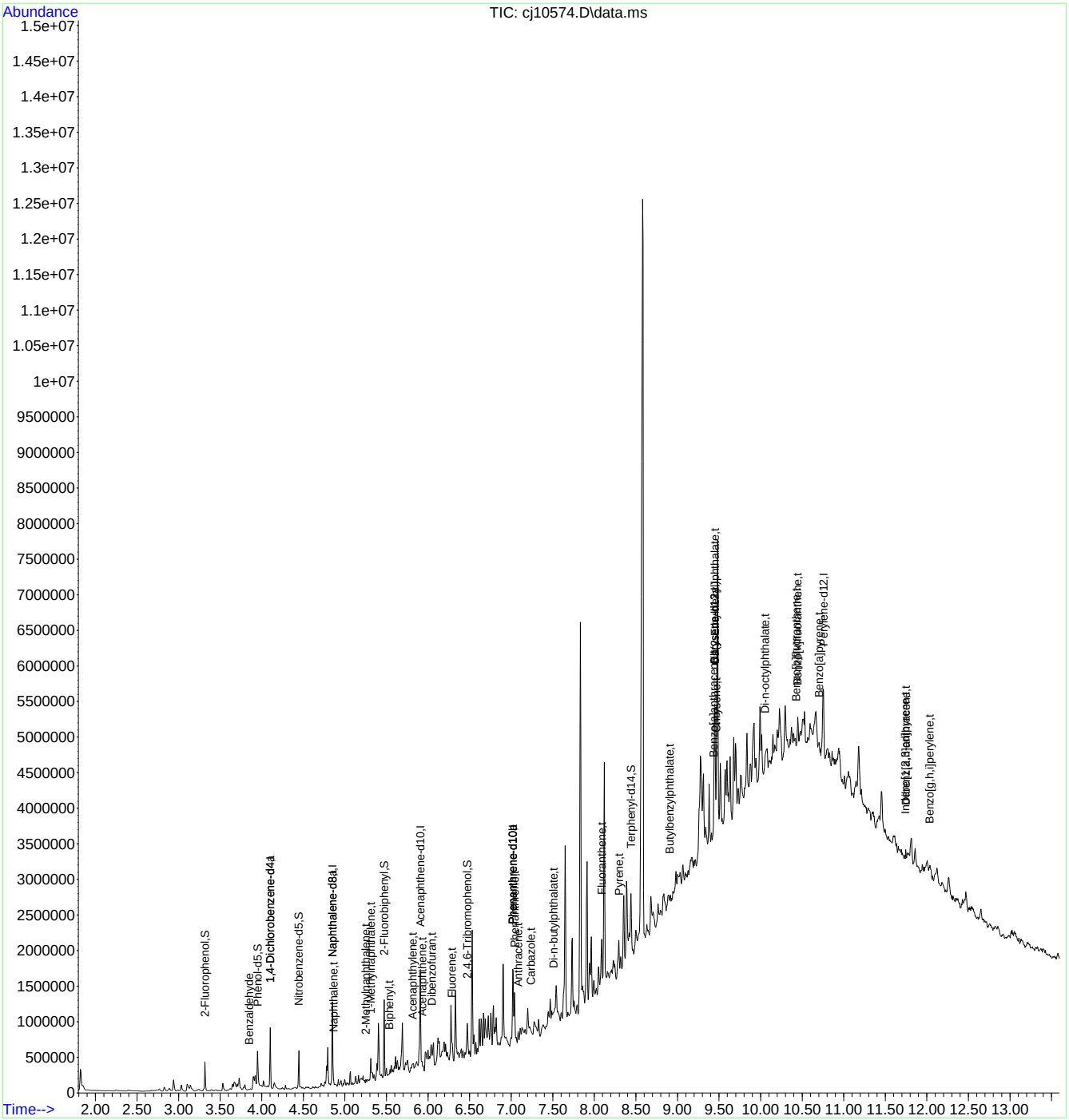
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

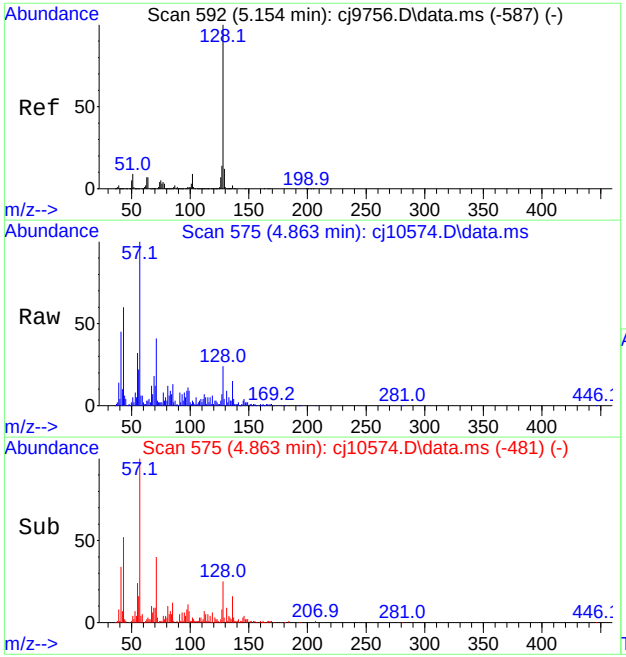
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 06:16:48 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

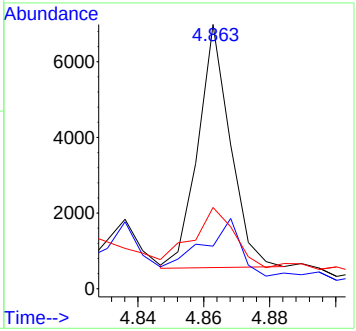


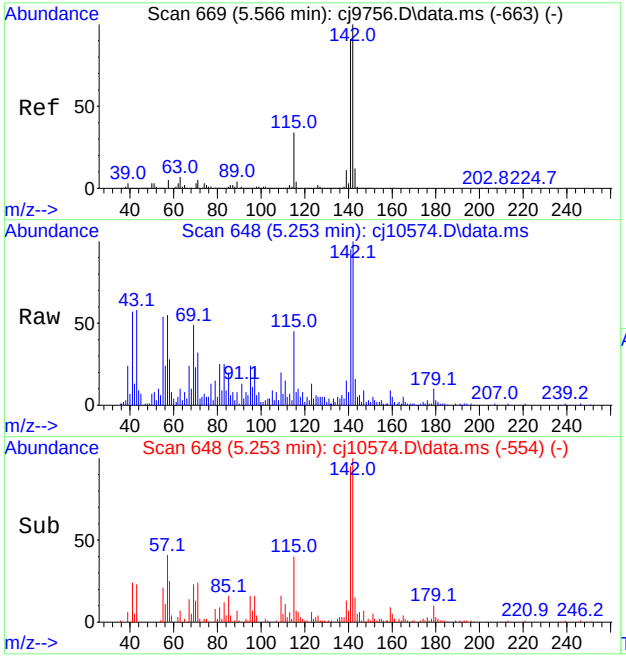


#38
Naphthalene
Concen: 0.4942 ppm
RT: 4.863 min Scan# 575
Delta R.T. 0.000 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:128 Resp: 4380

Ion	Ratio	Lower	Upper
128	100		
129	9.8	0.0	40.9
127	22.4	0.0	43.8

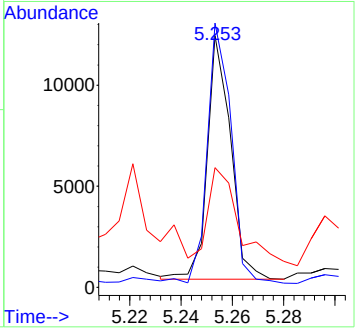


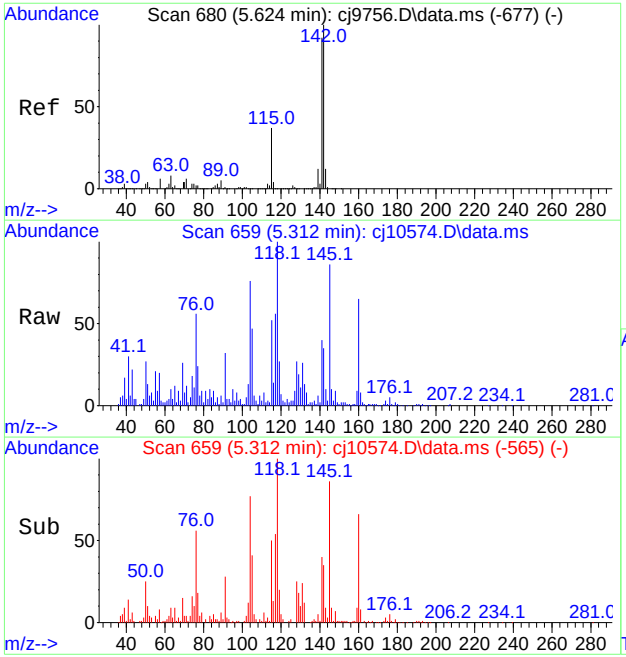


#44
2-Methylnaphthalene
Concen: 1.4695 ppm
RT: 5.253 min Scan# 648
Delta R.T. 0.000 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:141 Resp: 7620

Ion	Ratio	Lower	Upper
141	100		
142	107.0	82.6	142.6
115	34.6	11.3	71.3

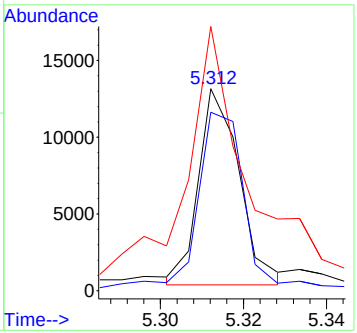


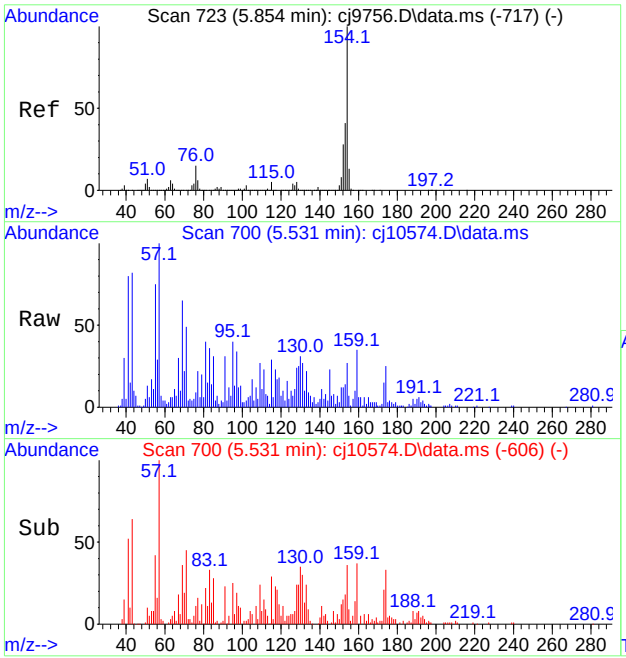


#45
1-Methylnaphthalene
Concen: 1.7594 ppm m
RT: 5.312 min Scan# 659
Delta R.T. 0.000 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:141 Resp: 8725

Ion	Ratio	Lower	Upper
141	100		
142	88.4	78.7	138.7
115	130.9	12.3	72.3#

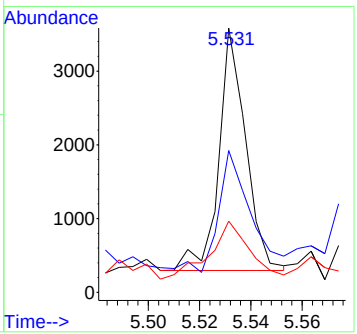


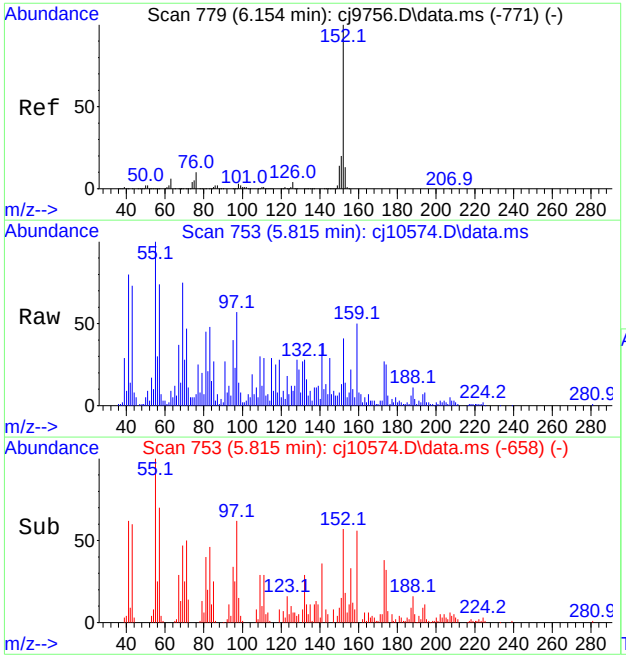


#53
Biphenyl
Concen: 0.3308 ppm
RT: 5.531 min Scan# 700
Delta R.T. 0.000 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:154 Resp: 2393

Ion	Ratio	Lower	Upper
154	100		
153	46.4	11.1	71.1
155	23.2	0.0	42.7

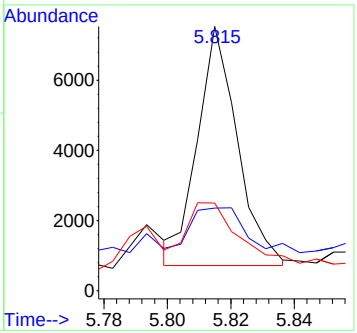


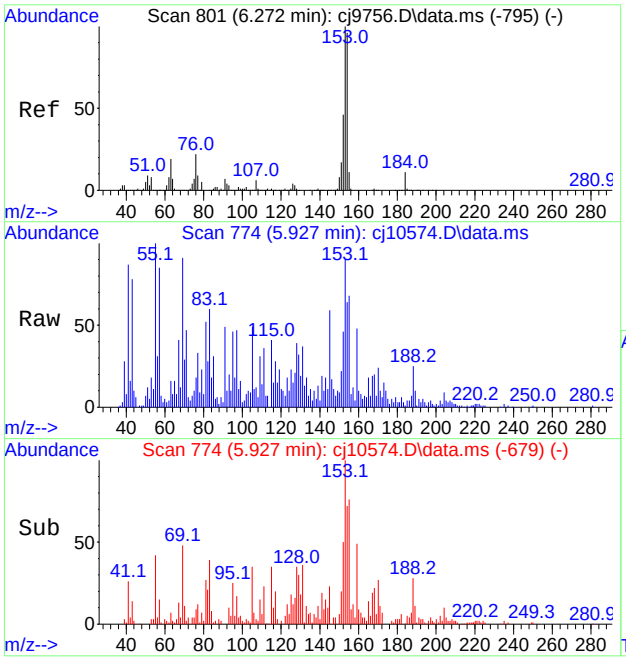


#56
Acenaphthylene
Concen: 0.7450 ppm m
RT: 5.815 min Scan# 753
Delta R.T. 0.006 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:152 Resp: 5951

Ion	Ratio	Lower	Upper
152	100		
151	31.3	0.0	50.6
153	33.2	0.0	43.6

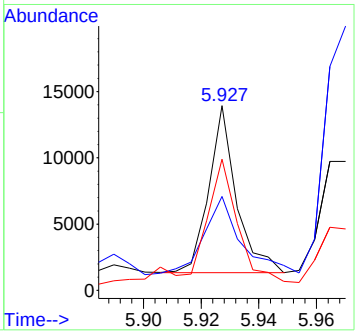


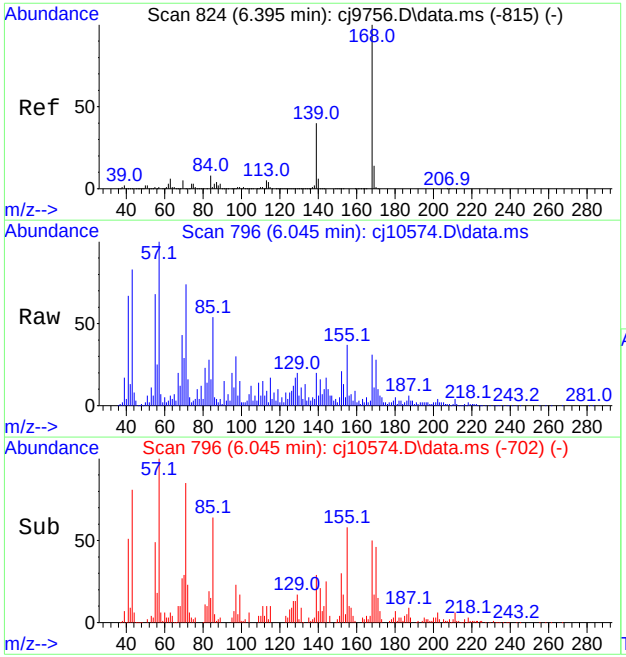


#59
Acenaphthene
Concen: 1.4452 ppm
RT: 5.927 min Scan# 774
Delta R.T. 0.006 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:153 Resp: 8368

Ion	Ratio	Lower	Upper
153	100		
152	43.7	17.2	77.2
154	68.9	49.3	109.3

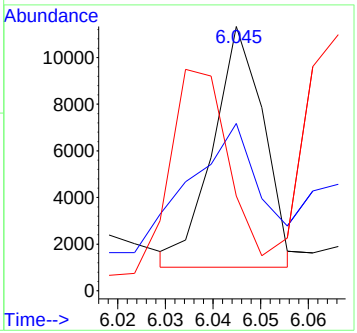


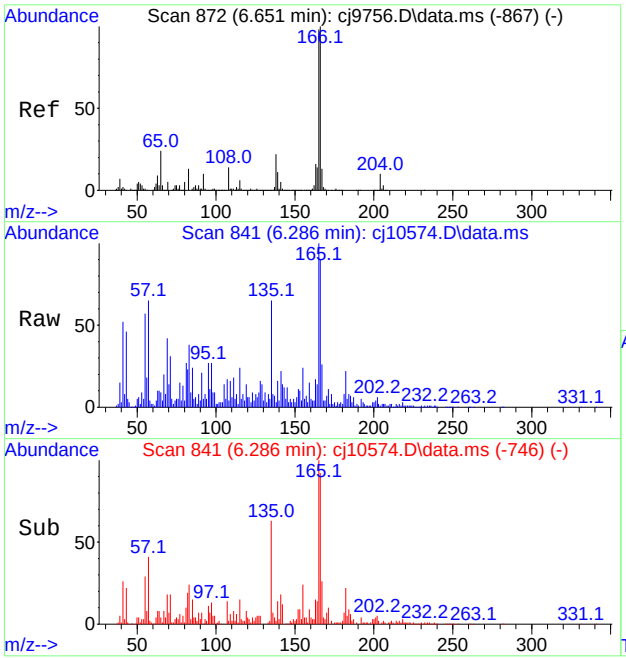


#62
Dibenzofuran
Concen: 0.9797 ppm m
RT: 6.045 min Scan# 796
Delta R.T. 0.000 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:168 Resp: 7617

Ion	Ratio	Lower	Upper
168	100		
139	63.3	21.8	81.8
169	35.9	0.0	42.4

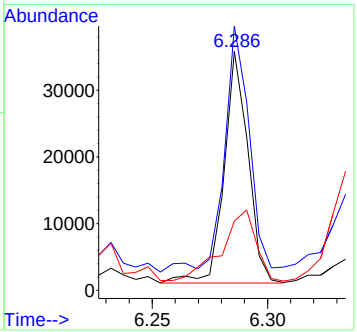


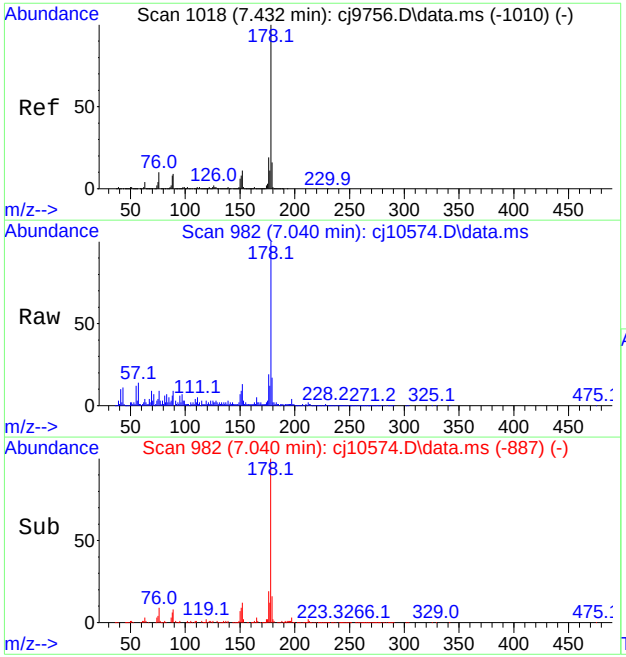


#66
Fluorene
Concen: 4.0315 ppm
RT: 6.286 min Scan# 841
Delta R.T. 0.006 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:166 Resp: 25053

Ion	Ratio	Lower	Upper
166	100		
165	105.3	70.0	130.0
167	25.7	0.0	44.0

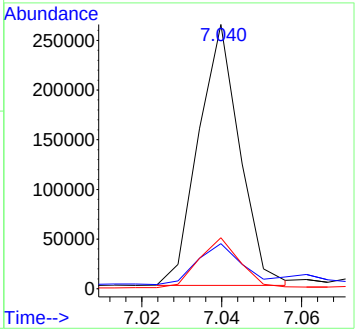


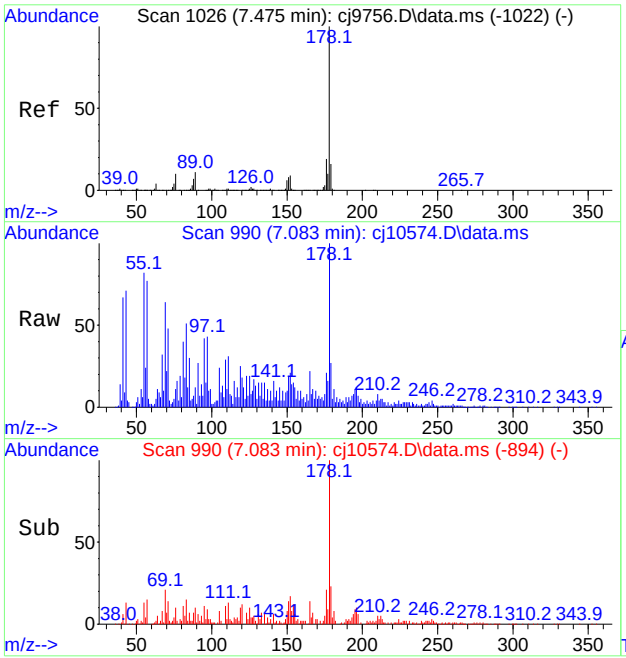


#78
Phenanthrene
Concen: 20.2271 ppm m
RT: 7.040 min Scan# 982
Delta R.T. 0.006 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:178 Resp: 187890

Ion	Ratio	Lower	Upper
178	100		
179	17.1	0.0	45.5
176	19.3	0.0	49.9

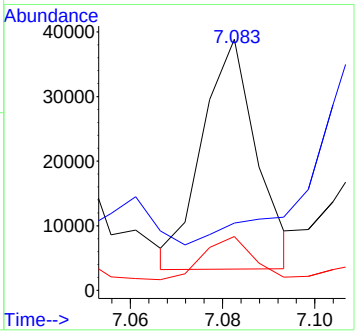


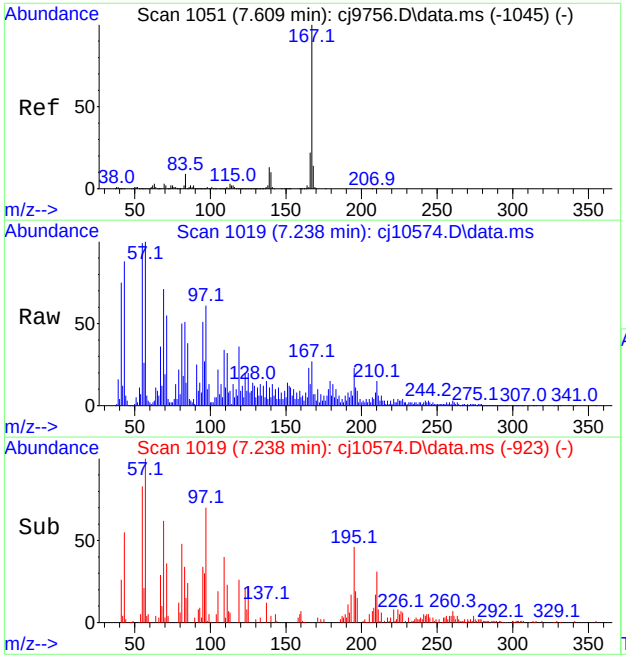


#79
Anthracene
Concen: 3.1502 ppm
RT: 7.083 min Scan# 990
Delta R.T. 0.011 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:178 Resp: 29200

Ion	Ratio	Lower	Upper
178	100		
179	0.5	0.0	45.8
176	20.9	0.0	48.7

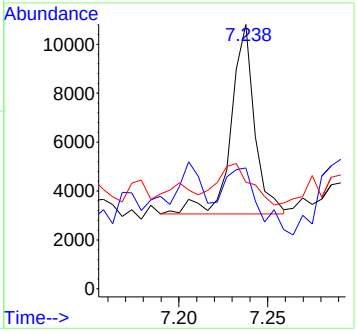


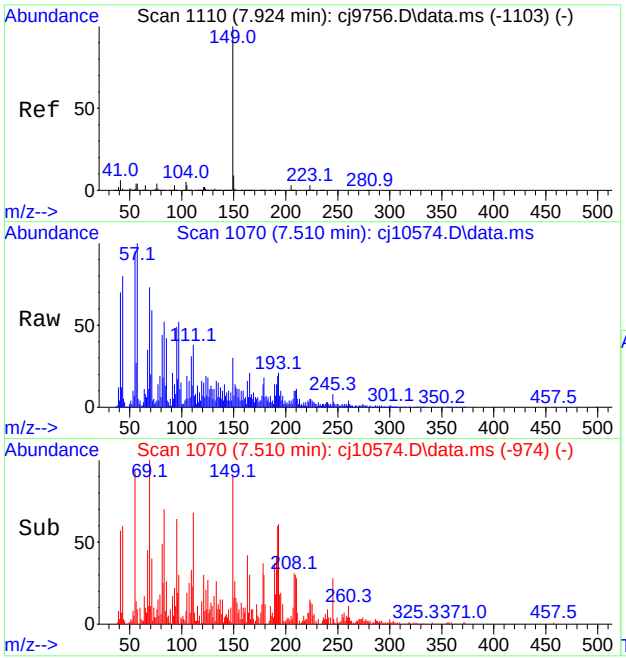


#80
Carbazole
Concen: 0.7929 ppm
RT: 7.238 min Scan# 1019
Delta R.T. 0.011 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:167 Resp: 7147

Ion	Ratio	Lower	Upper
167	100		
166	24.0	0.0	51.8
139	8.6	0.0	44.2

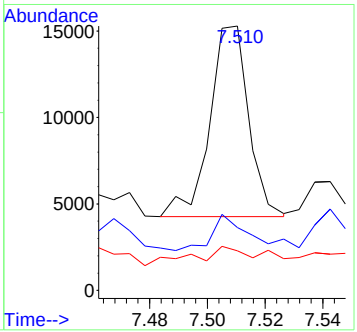


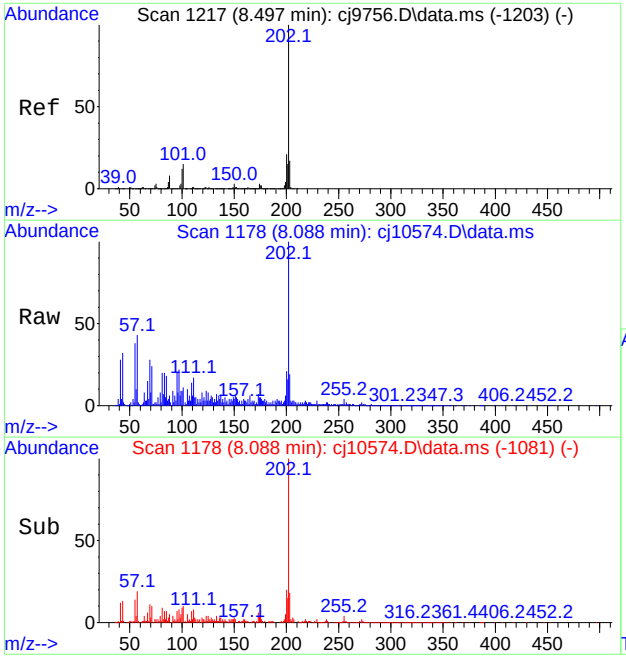


#81
Di-n-butylphthalate
Concen: 0.9279 ppm
RT: 7.510 min Scan# 1070
Delta R.T. 0.011 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:149 Resp: 10399

Ion	Ratio	Lower	Upper
149	100		
150	8.4	0.0	39.1
104	3.9	0.0	35.0

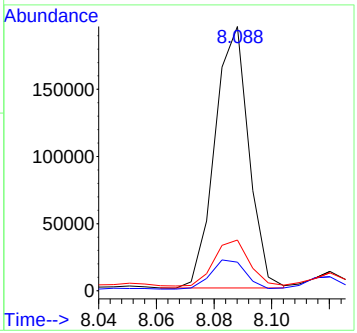


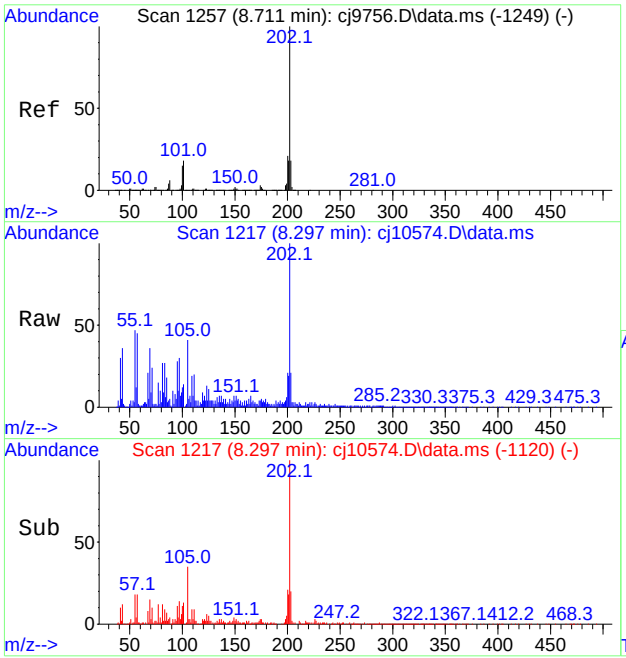


#82
Fluoranthene
Concen: 16.5621 ppm
RT: 8.088 min Scan# 1178
Delta R.T. 0.016 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:202 Resp: 159123

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	41.2
203	17.4	0.0	46.8

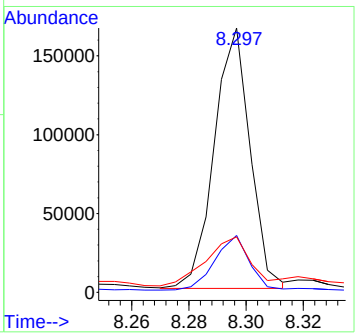


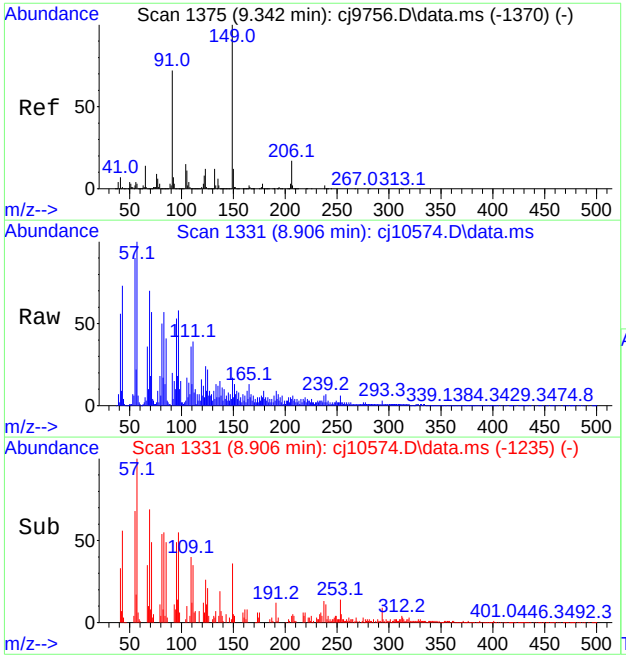


#86
Pyrene
Concen: 13.2558 ppm m
RT: 8.297 min Scan# 1217
Delta R.T. 0.016 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:202 Resp: 143524

Ion	Ratio	Lower	Upper
202	100		
200	21.5	0.0	50.8
203	21.0	0.0	47.0

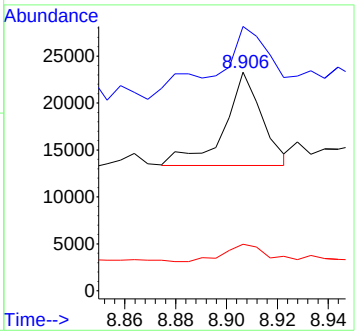


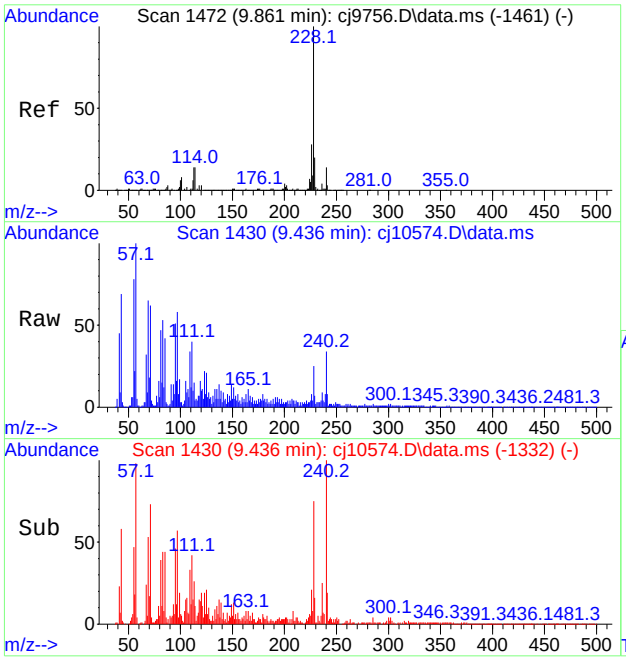


#88
Butylbenzylphthalate
Concen: 2.0380 ppm m
RT: 8.906 min Scan# 1331
Delta R.T. 0.011 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:149 Resp: 10277

Ion	Ratio	Lower	Upper
149	100		
91	121.0	39.2	99.2#
206	21.3	0.0	49.0

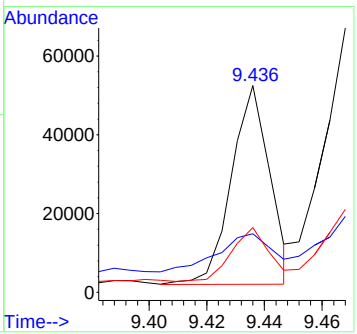


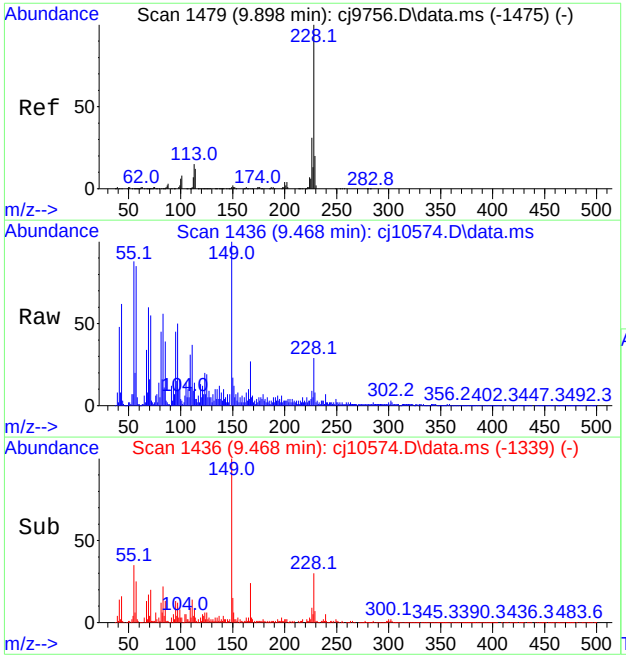


#89
Benzo[a]anthracene
Concen: 4.7100 ppm
RT: 9.436 min Scan# 1430
Delta R.T. 0.022 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:228 Resp: 46775

Ion	Ratio	Lower	Upper
228	100		
229	17.7	0.0	48.6
226	26.6	0.0	57.2

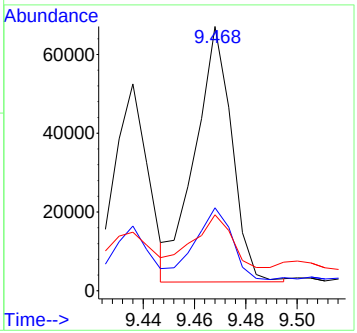


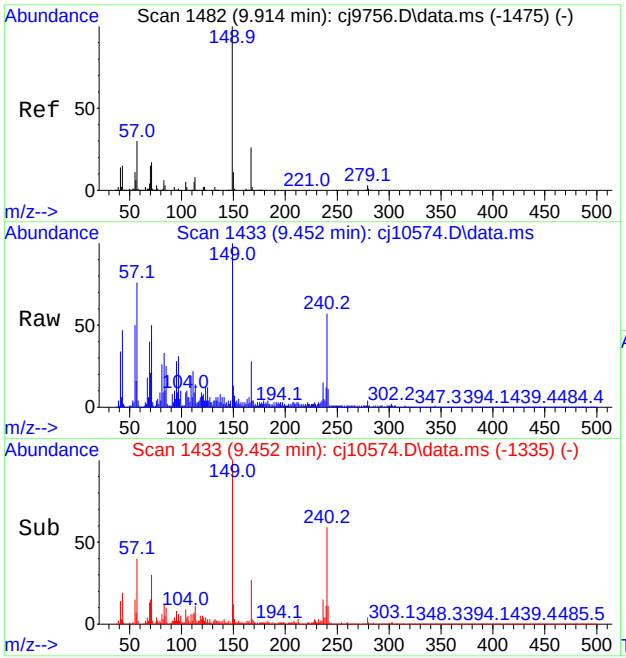


#91
Chrysene
Concen: 6.9360 ppm
RT: 9.468 min Scan# 1436
Delta R.T. 0.016 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:228 Resp: 64508

Ion	Ratio	Lower	Upper
228	100		
226	27.9	0.0	59.6
229	19.2	0.0	49.1

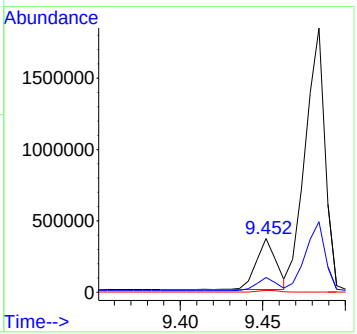


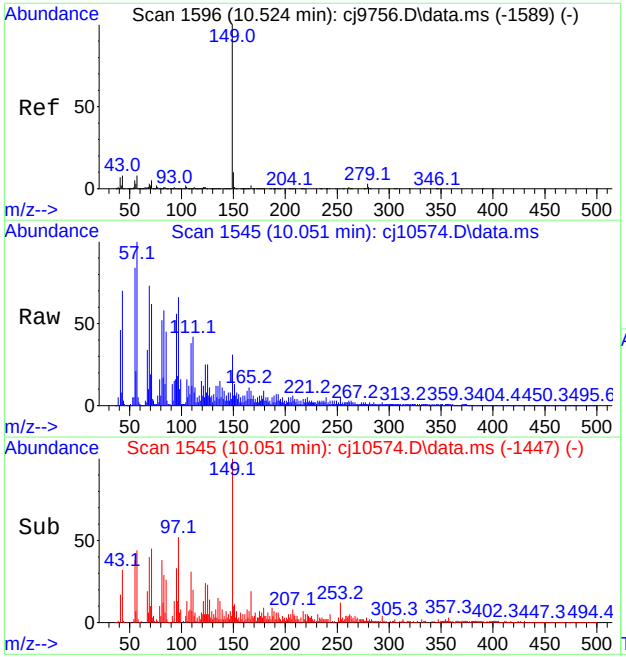


#92
bis(2-Ethylhexyl)phthalate
Concen: 39.8320 ppm
RT: 9.452 min Scan# 1433
Delta R.T. 0.022 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:149 Resp: 301357

Ion	Ratio	Lower	Upper
149	100		
167	26.2	0.0	55.1
279	3.6	0.0	33.1

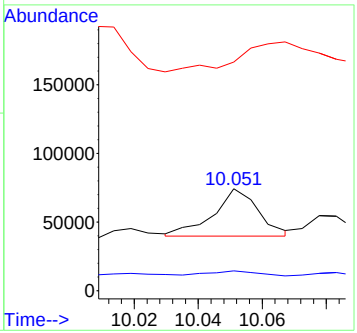


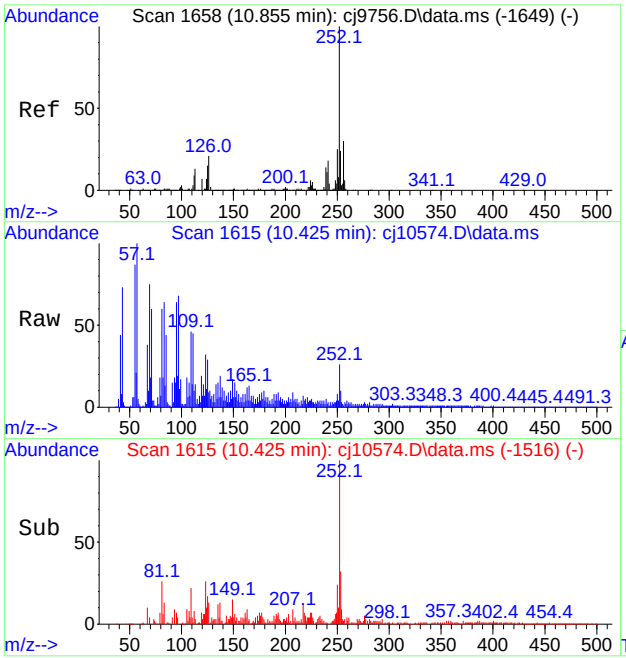


#94
Di-n-octylphthalate
Concen: 2.5488 ppm m
RT: 10.051 min Scan# 1545
Delta R.T. 0.022 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:149 Resp: 33566

Ion	Ratio	Lower	Upper
149	100		
150	19.4	0.0	39.8
43	224.0	0.0	37.8#

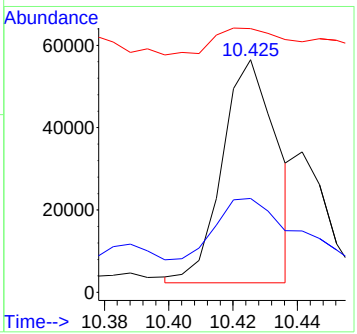


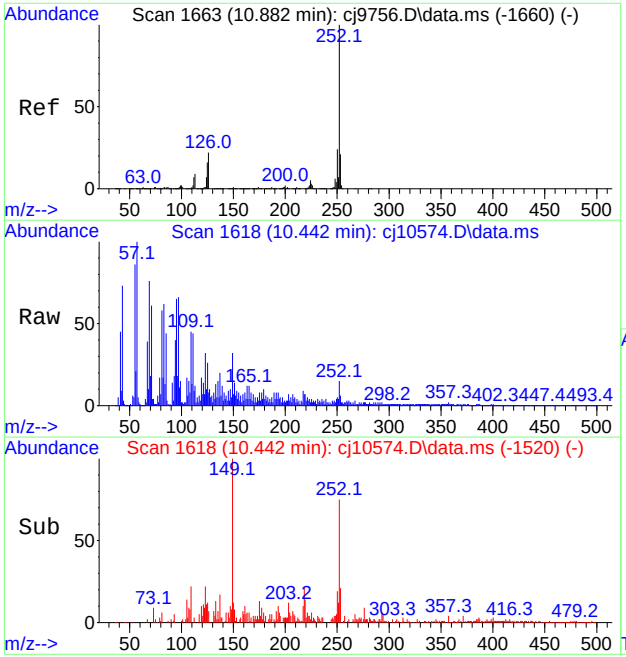


#95
Benzo[b]fluoranthene
Concen: 6.5418 ppm m
RT: 10.425 min Scan# 1615
Delta R.T. 0.027 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:252 Resp: 64030

Ion	Ratio	Lower	Upper
252	100		
253	40.4	0.0	51.8
125	113.4	0.0	39.5#

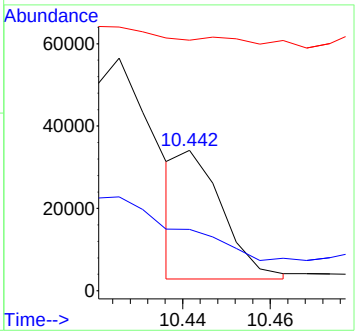


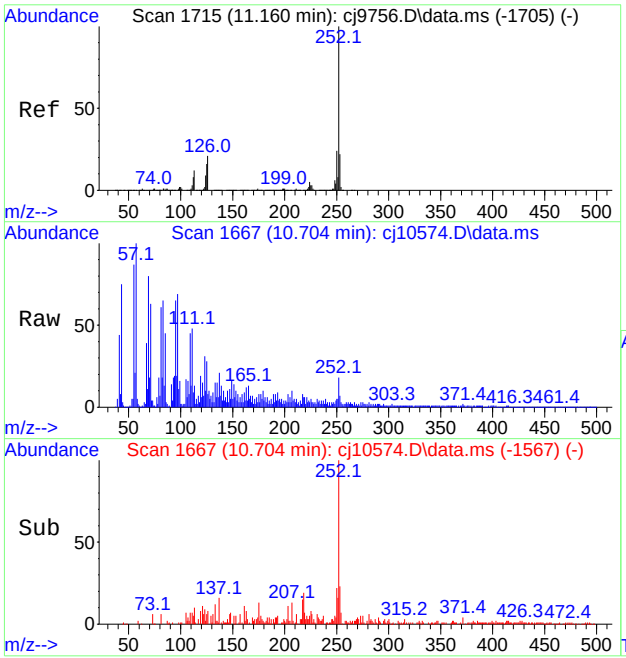


#96
Benzo[k]fluoranthene
Concen: 2.4640 ppm m
RT: 10.442 min Scan# 1618
Delta R.T. 0.022 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:252 Resp: 21570

Ion	Ratio	Lower	Upper
252	100		
253	43.7	0.0	52.1
125	178.1	0.0	40.6#

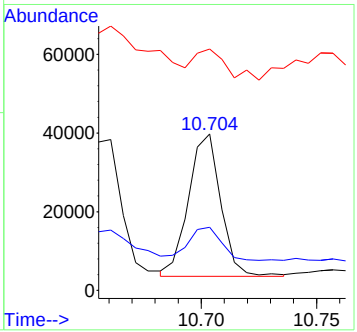


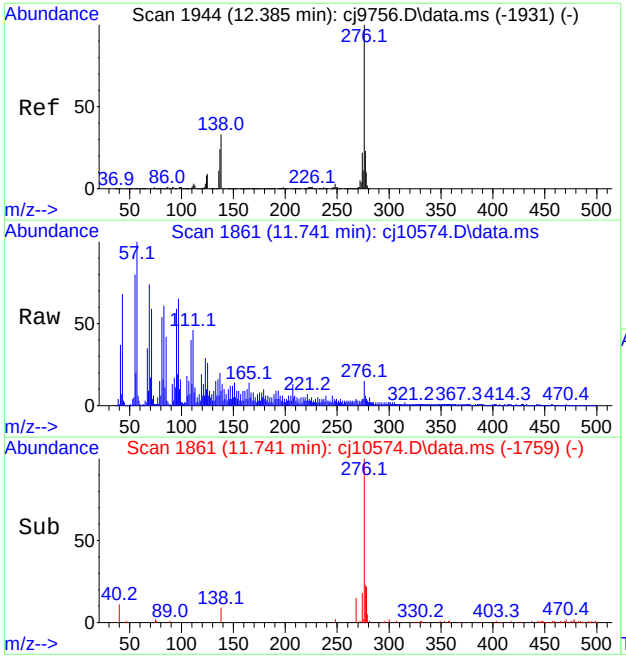


#97
Benzo[a]pyrene
Concen: 4.3875 ppm
RT: 10.704 min Scan# 1667
Delta R.T. 0.032 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:252 Resp: 35232

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	50.9
125	7.4	0.0	41.7

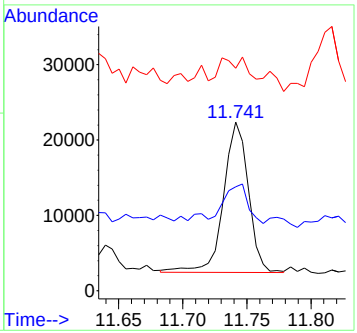


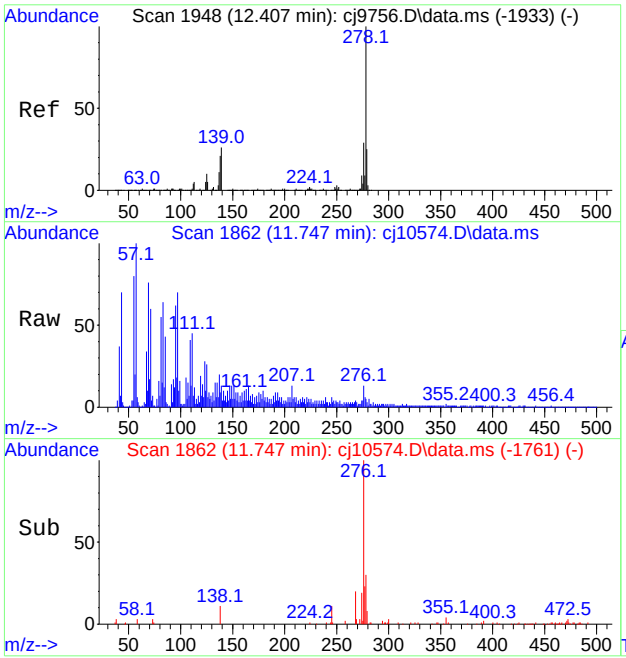


#98
Indeno[1,2,3-cd]pyrene
Concen: 2.6798 ppm
RT: 11.741 min Scan# 1861
Delta R.T. 0.043 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:276 Resp: 26950

Ion	Ratio	Lower	Upper
276	100		
138	20.2	0.9	60.9
137	11.8	0.0	51.0

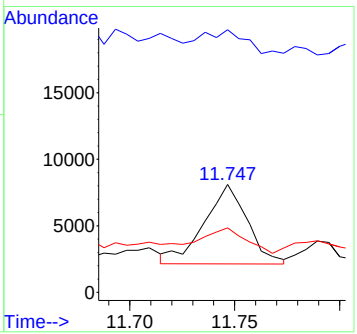


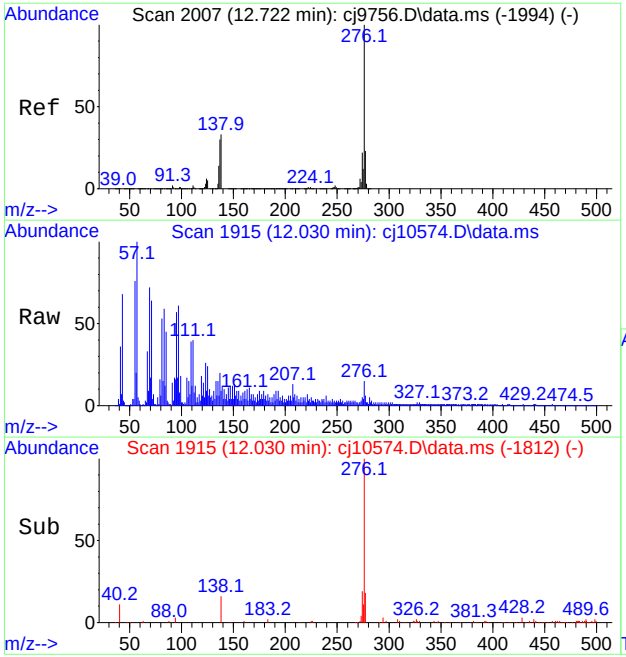


#100
Dibenz[a,h]anthracene
Concen: 1.0640 ppm
RT: 11.747 min Scan# 1862
Delta R.T. 0.038 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:278 Resp: 8525

Ion	Ratio	Lower	Upper
278	100		
139	18.8	0.0	48.3
279	25.5	0.0	53.3

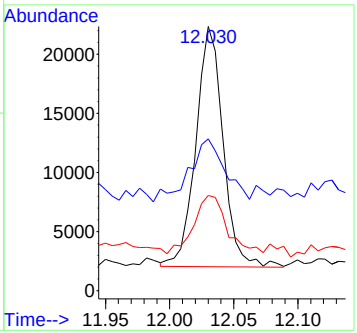


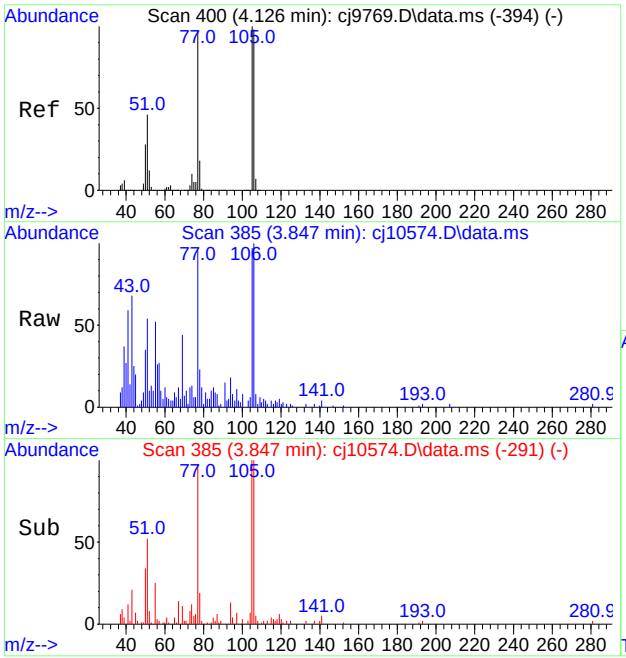


#102
Benzo[g,h,i]perylene
Concen: 3.8470 ppm
RT: 12.030 min Scan# 1915
Delta R.T. 0.048 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:276 Resp: 29971

Ion	Ratio	Lower	Upper
276	100		
138	21.3	0.0	56.8
277	21.8	0.0	53.4

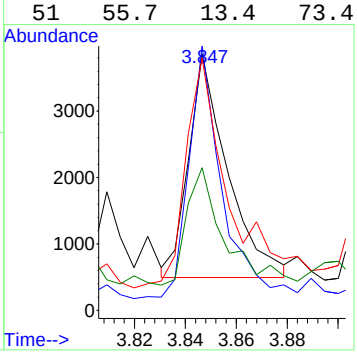




#104
Benzaldehyde
Concen: 1.4127 ppm m
RT: 3.847 min Scan# 385
Delta R.T. 0.005 min
Lab File: cj10574.D
Acq: 28 Jan 2025 12:26 am

Tgt Ion:105 Resp: 3577

Ion	Ratio	Lower	Upper
105	100		
106	103.2	64.7	124.7
77	98.5	64.8	124.8
51	55.7	13.4	73.4



Manual Integration Approval Summary

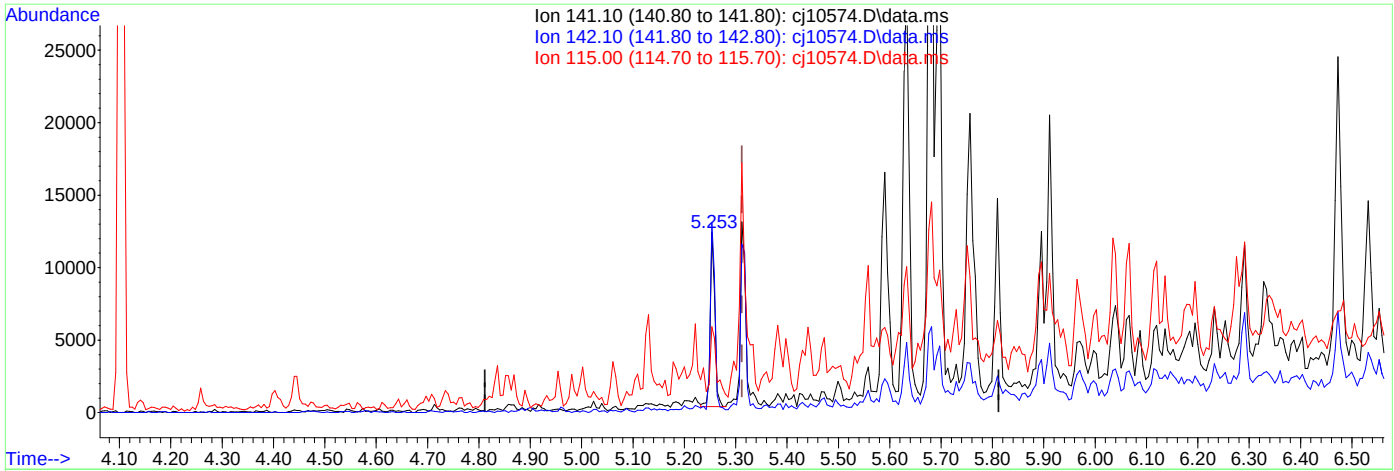
Sample Number: JE4646-4
Lab FileID: CJ10574.D
Injection Time: 01/28/25 00:26
Method: SW846 8270E
Analyst approved: 01/28/25 11:14 Daniela Suarez
Supervisor approved: 01/28/25 13:34 Ying Li

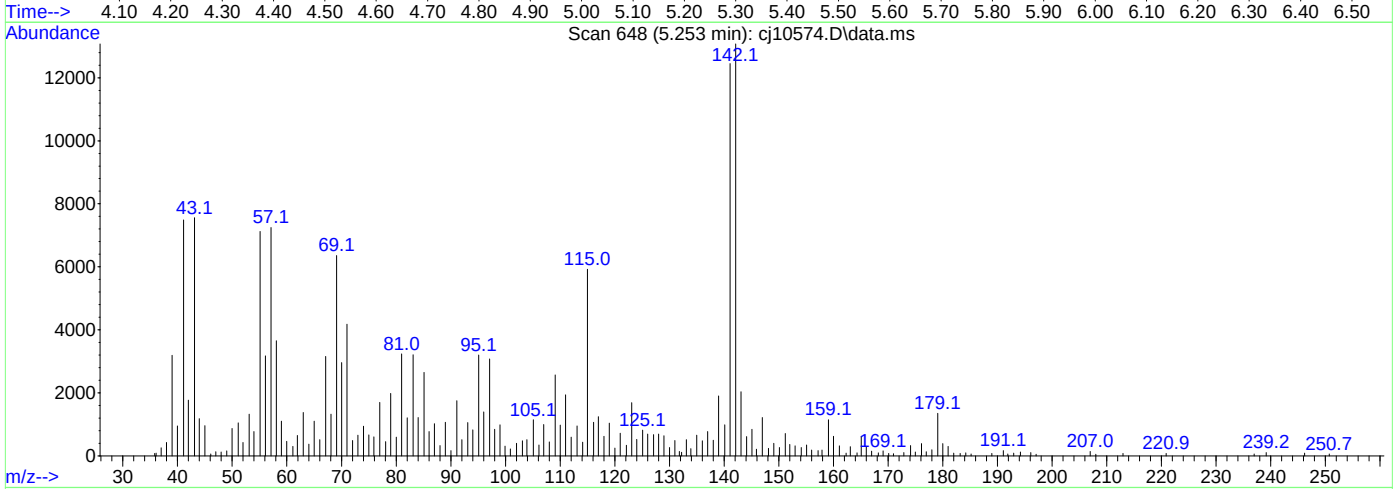
Parameter	CAS	Sig#	R.T. (min.)	Reason
Benzaldehyde	100-52-7		3.85	Split peak
1-Methylnaphthalene	90-12-0		5.31	Split peak
Acenaphthylene	208-96-8		5.81	Split peak
Dibenzofuran	132-64-9		6.04	Split peak
Phenanthrene	85-01-8		7.04	Split peak
Pyrene	129-00-0		8.30	Split peak
Butyl benzyl phthalate	85-68-7		8.91	Split peak
Di-n-octyl phthalate	117-84-0		10.05	Split peak
Benzo(b)fluoranthene	205-99-2		10.43	Split peak
Benzo(k)fluoranthene	207-08-9		10.44	Split peak

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 05:53:17 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10574.D\data.ms

(45) 1-Methylnaphthalene (t)

5.253min (-0.059) 1.54ppm

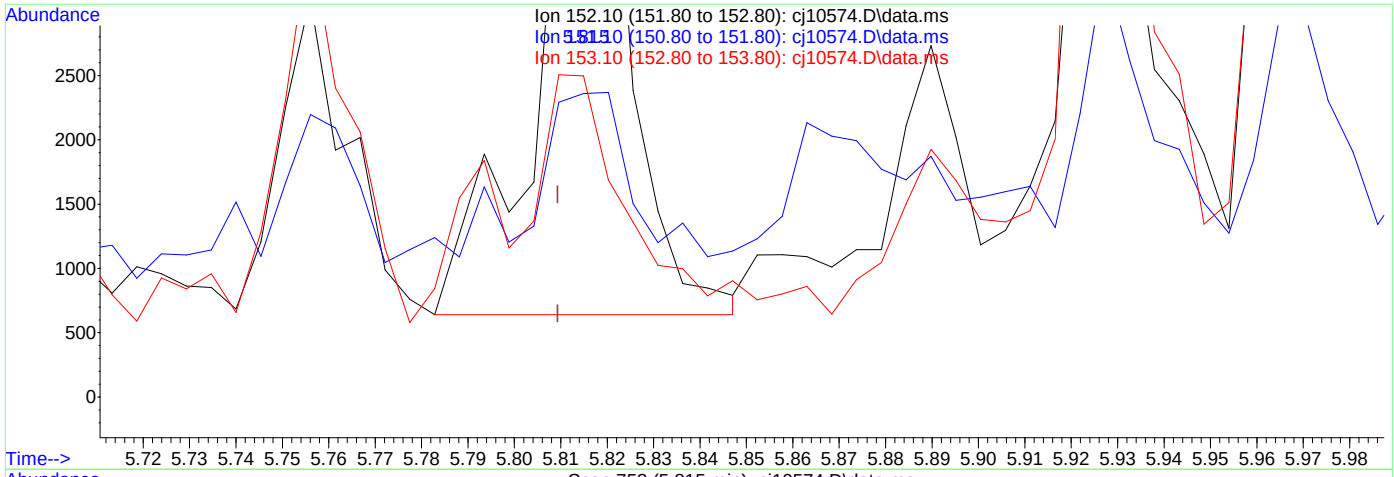
response 7620

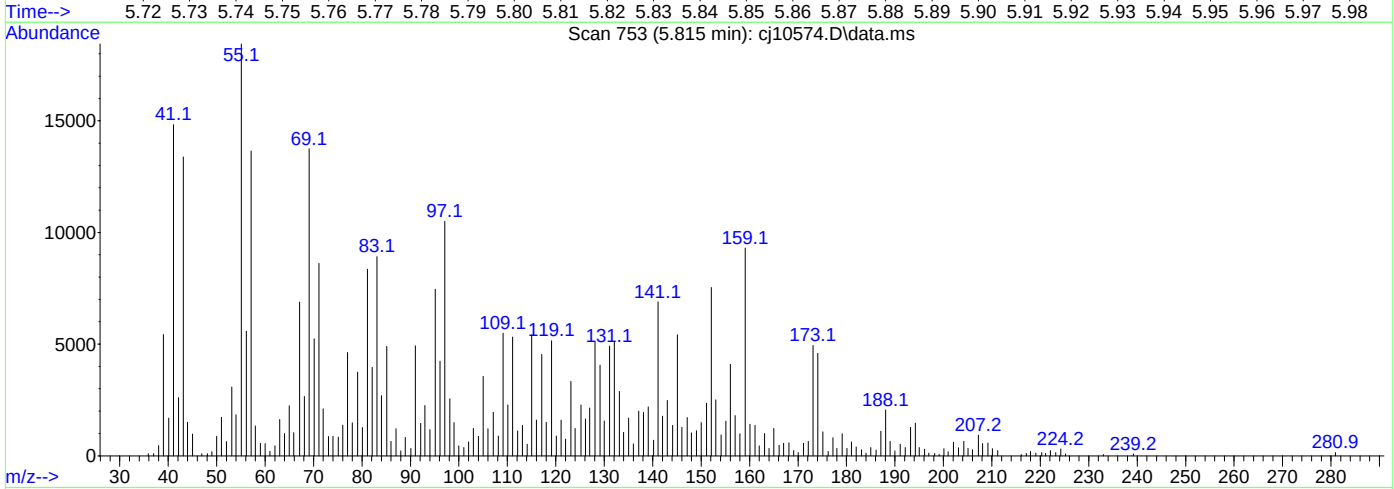
Ion	Exp%	Act%
141.10	100	100
142.10	108.70	107.05
115.00	42.30	34.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 06:09:10 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10574.D\data.ms

(56) Acenaphthylene (t)

5.815min (+0.006) 0.89ppm

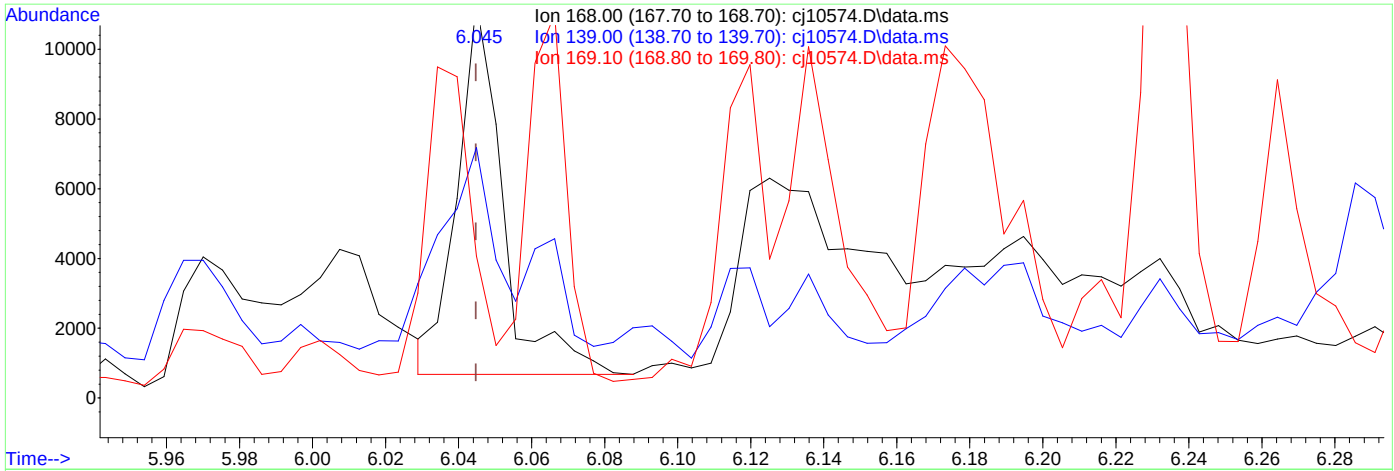
response 7102

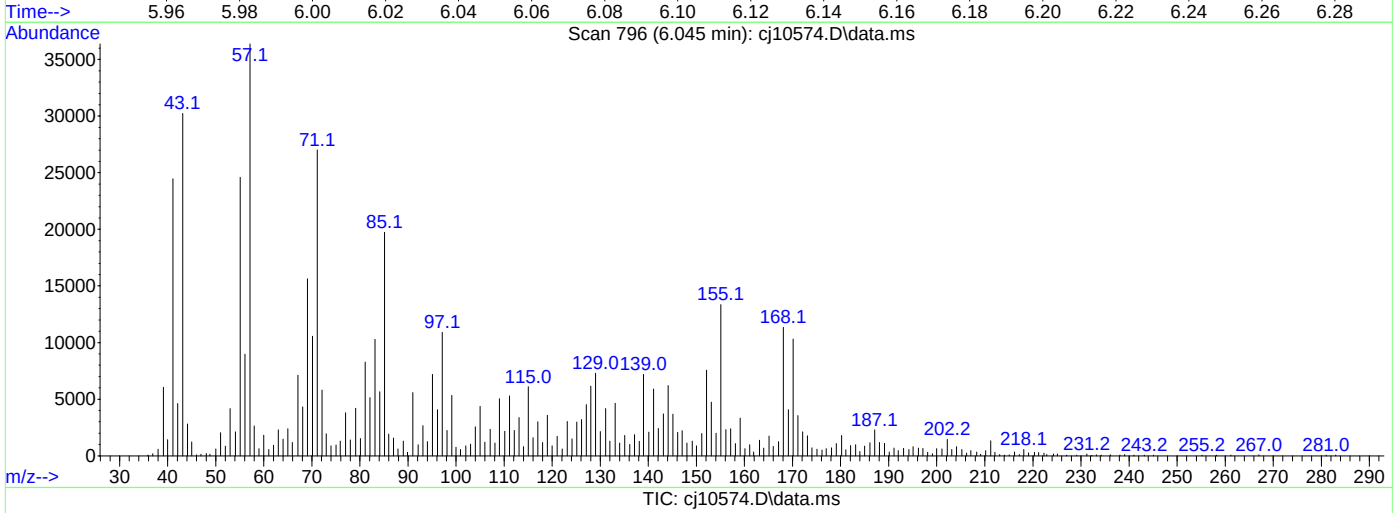
Ion	Exp%	Act%
152.10	100	100
151.10	20.60	17.17
153.10	13.60	23.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 06:10:29 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10574.D\data.ms

(62) Dibenzofuran (t)

6.045min (+0.000) 1.18ppm

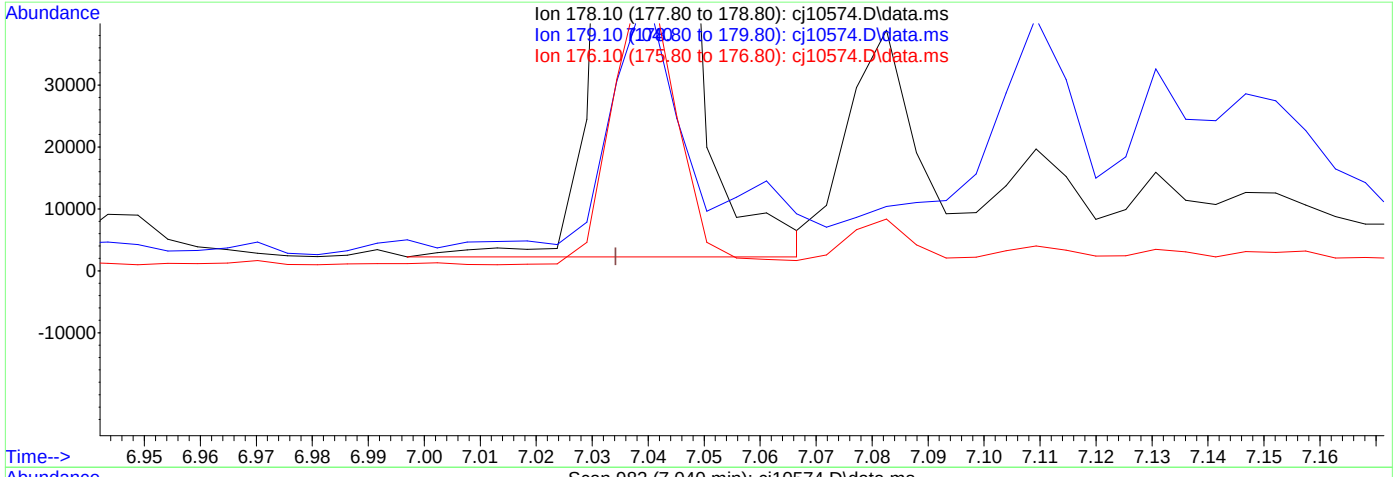
response 9191

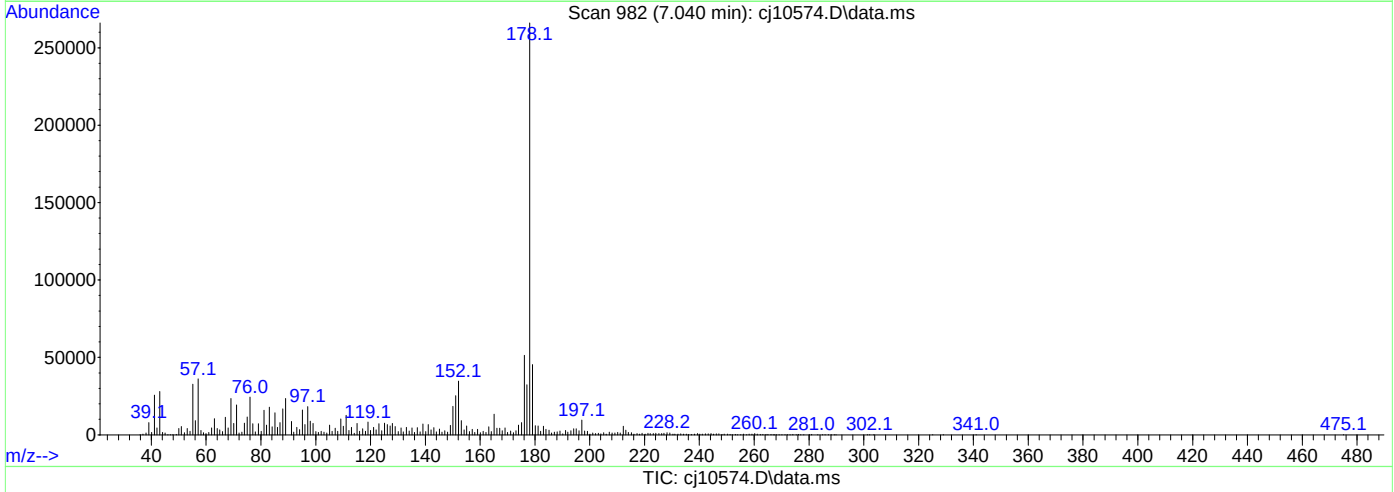
Ion	Exp%	Act%
168.00	100	100
139.00	51.80	44.64
169.10	12.40	22.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 06:12:00 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10574.D\data.ms

(78) Phenanthrene (t)

7.040min (+0.006) 21.08ppm

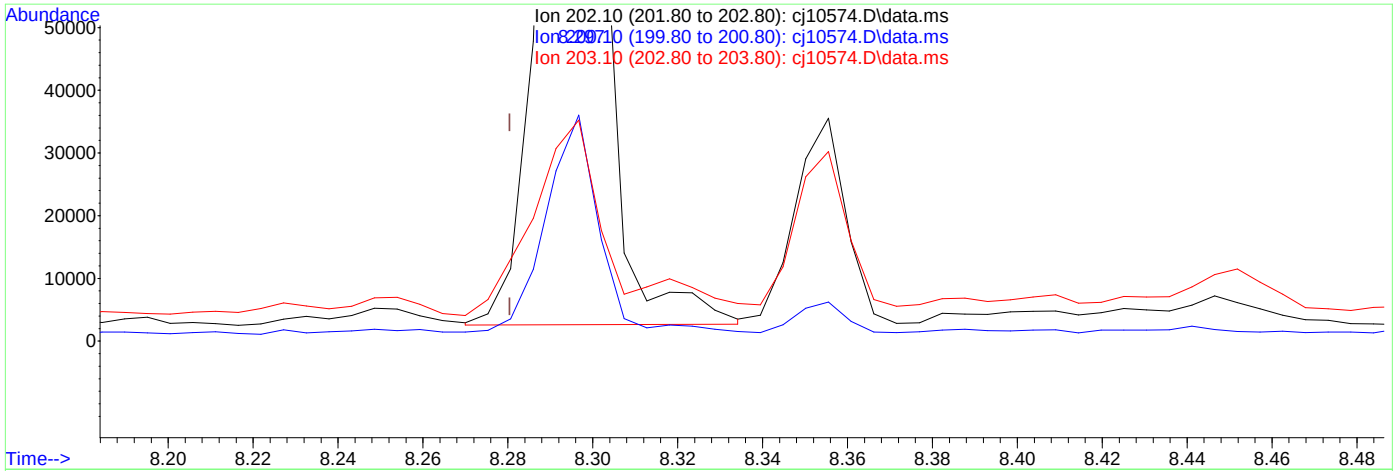
response 195785

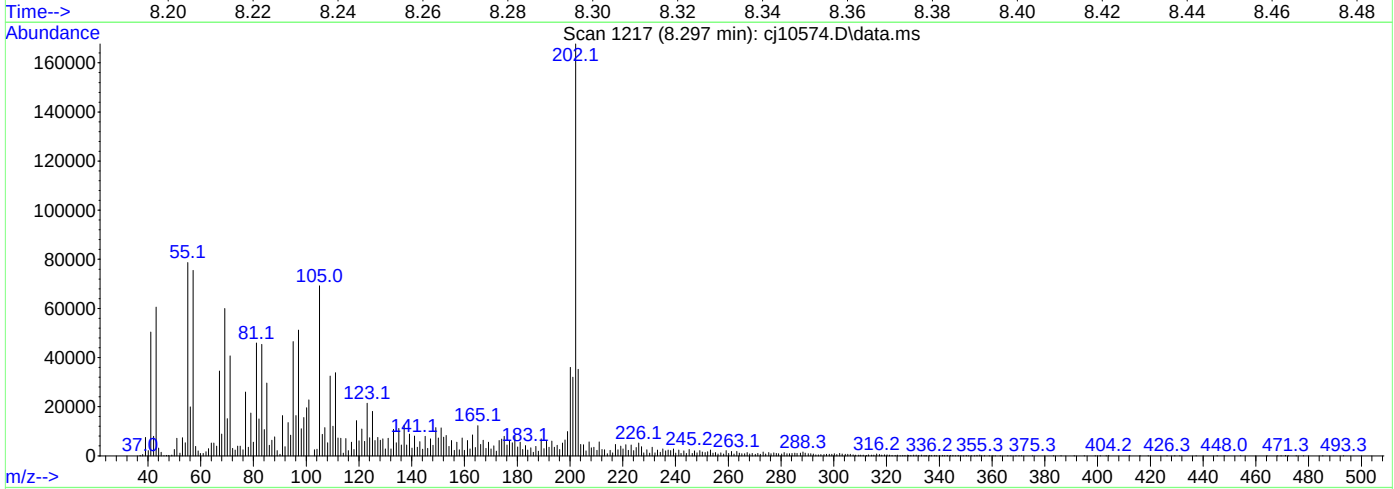
Ion	Exp%	Act%
178.10	100	100
179.10	15.50	14.62
176.10	19.90	19.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 06:12:00 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10574.D\data.ms

(86) Pyrene (t)

8.297min (+0.016) 13.65ppm

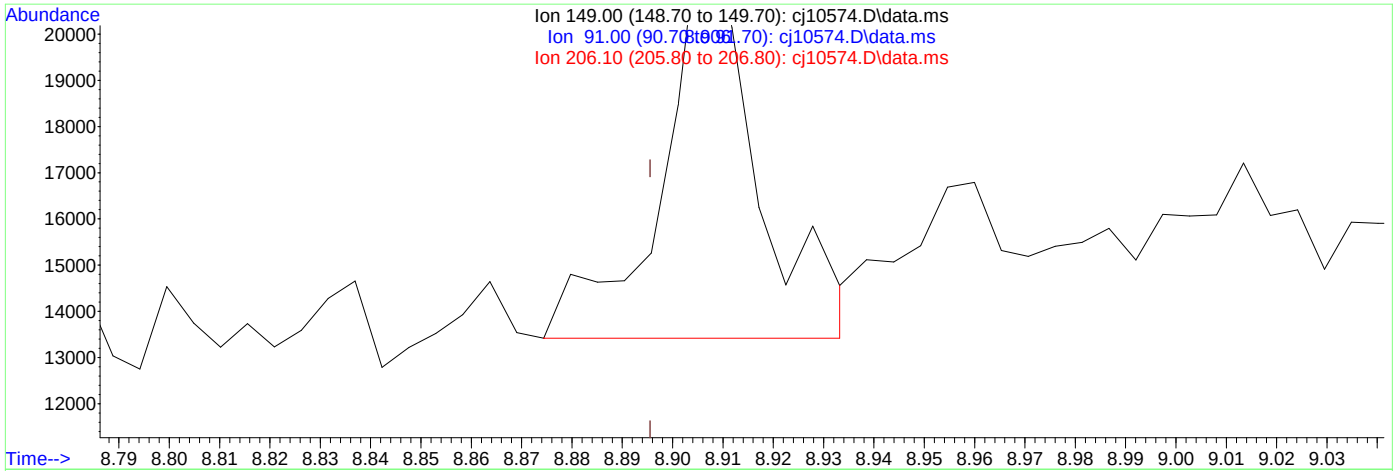
response 147756

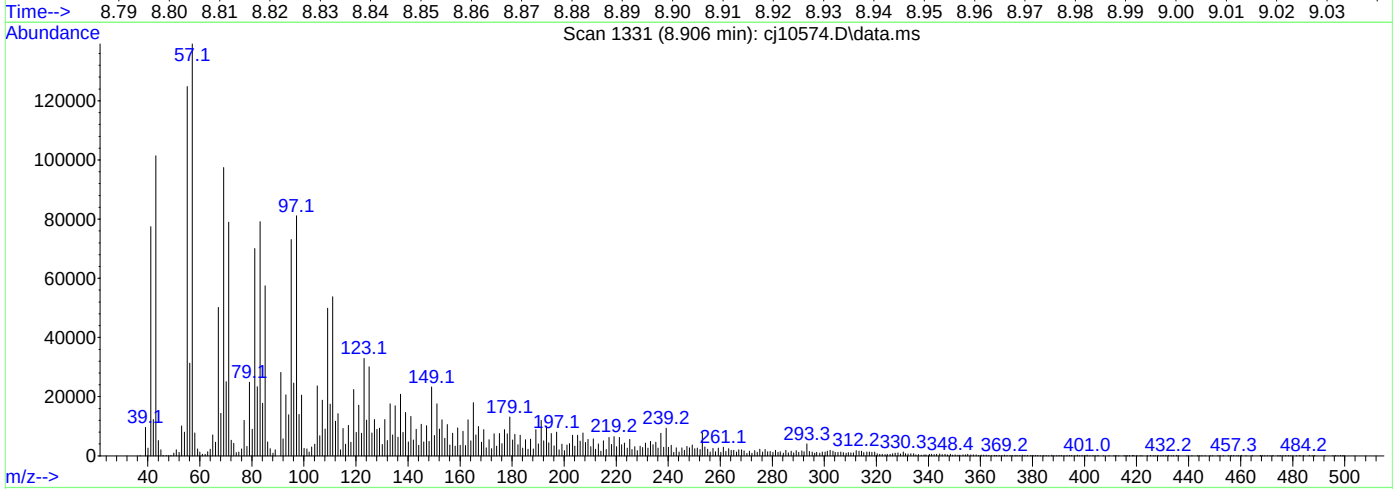
Ion	Exp%	Act%
202.10	100	100
200.10	20.80	21.01
203.10	17.00	18.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 06:12:58 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10574.D\data.ms

(88) Butylbenzylphthalate (t)

8.906min (+0.011) 2.22ppm

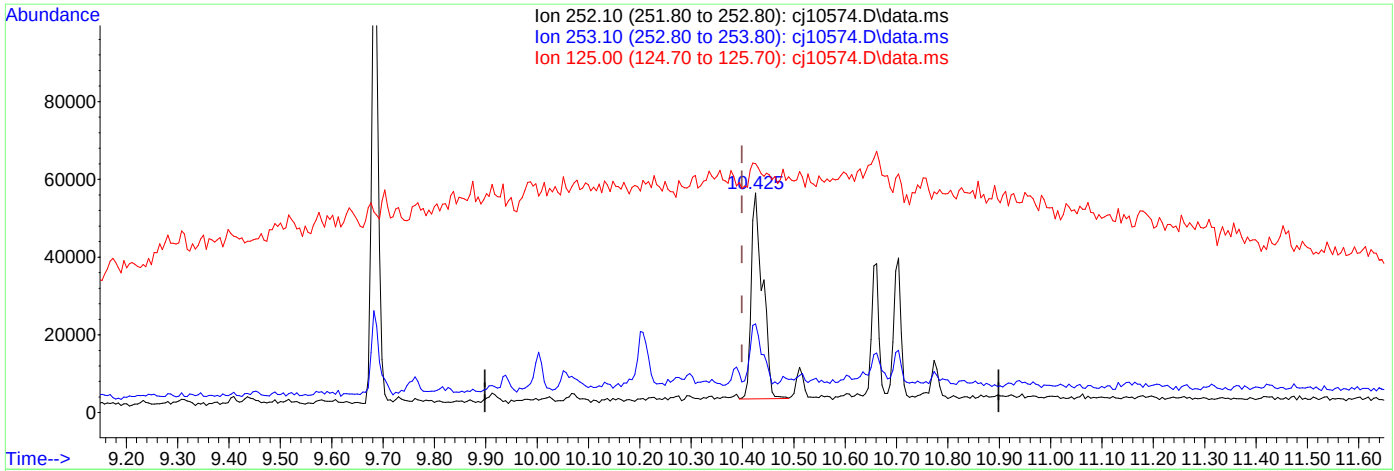
response 11187

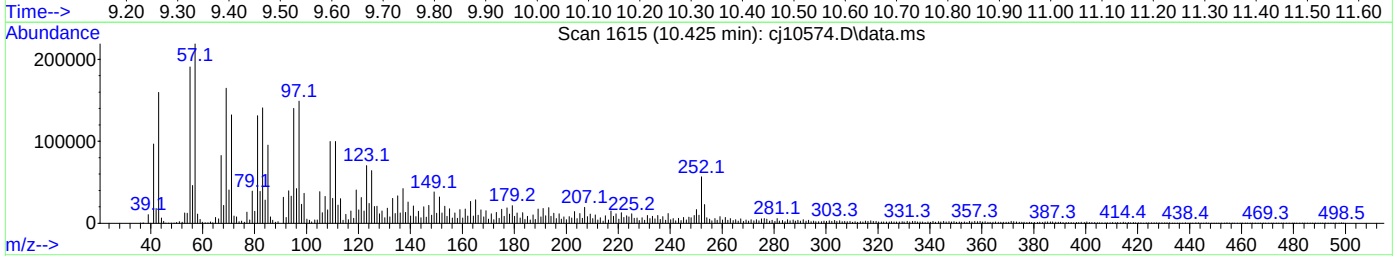
Ion	Exp%	Act%
149.00	100	100
91.00	69.20	61.08
206.10	19.00	15.53
0.00	0.00	0.00

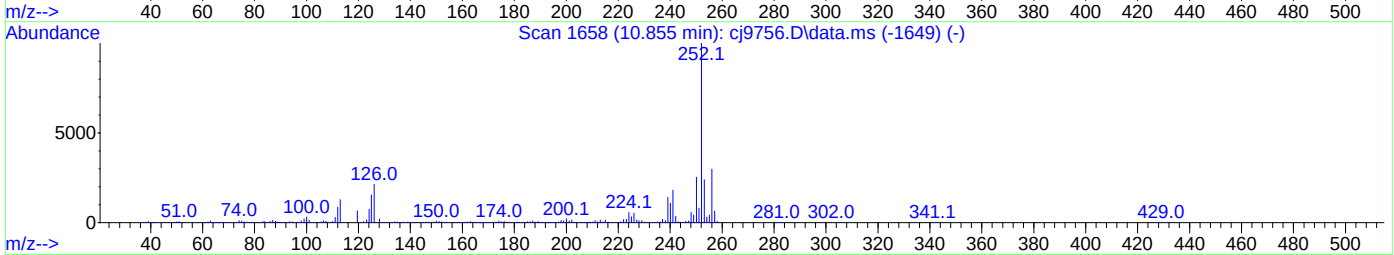
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 06:14:08 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration







TIC: cj10574.D\data.ms

(95) Benzo[b]fluoranthene (t)

10.425min (+0.027) 8.41ppm

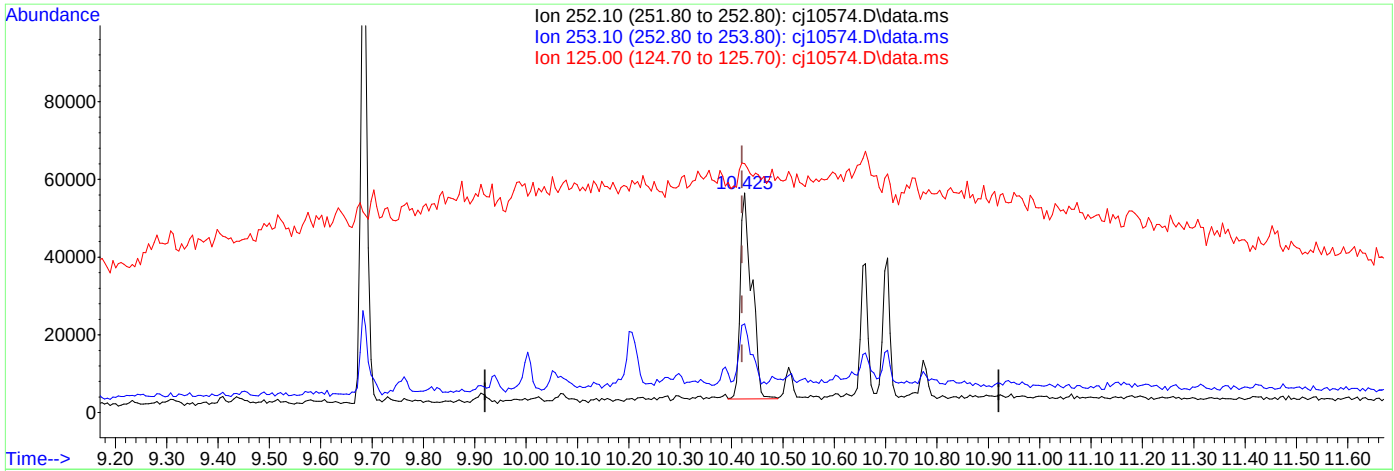
response 82358

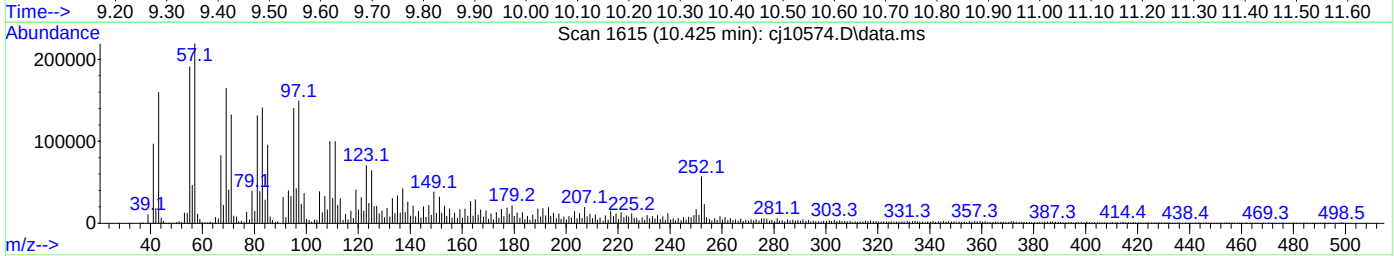
Ion	Exp%	Act%
252.10	100	100
253.10	21.80	25.55
125.00	9.50	7.85
0.00	0.00	0.00

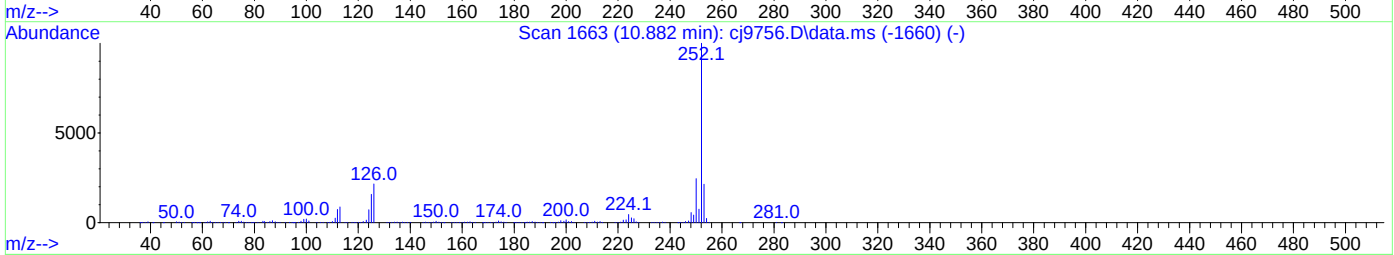
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 06:14:08 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration







TIC: cj10574.D\data.ms

(96) Benzo[k]fluoranthene (t)

10.425min (+0.006) 9.42ppm

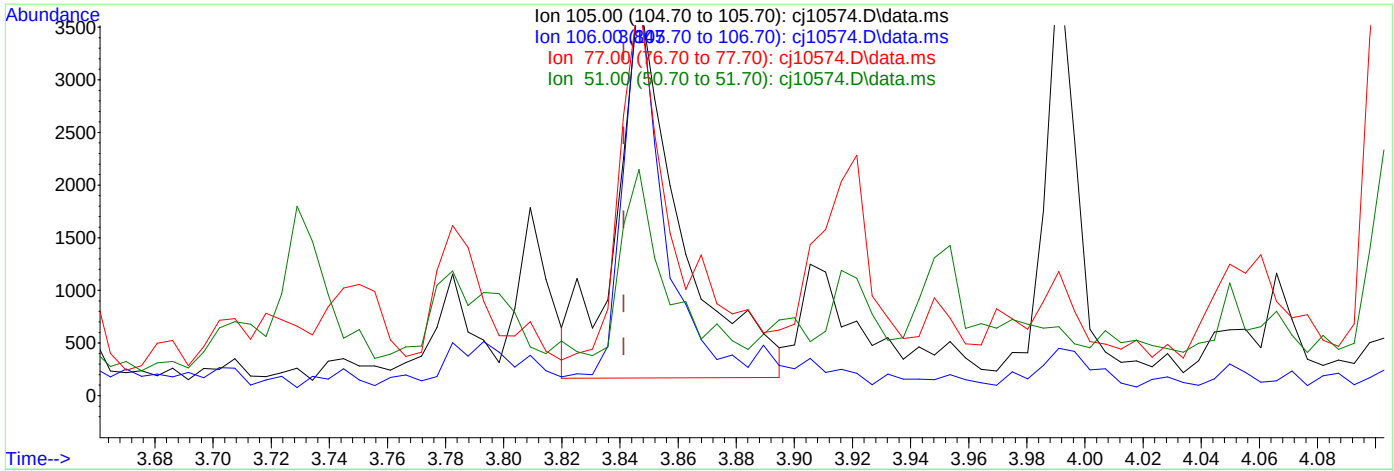
response 82462

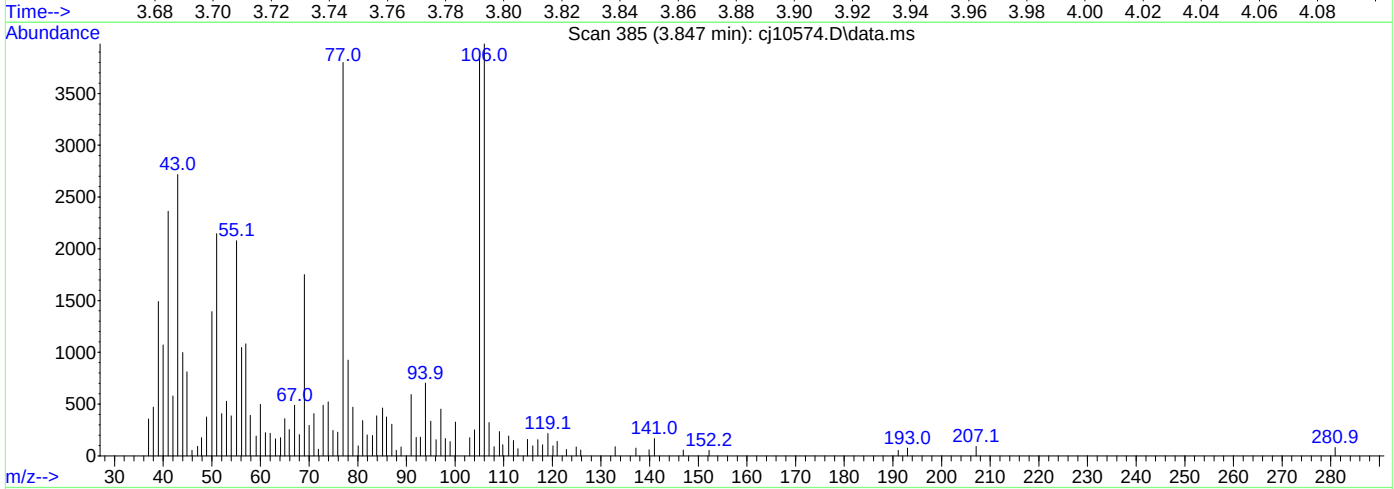
Ion	Exp%	Act%
252.10	100	100
253.10	22.10	25.55
125.00	10.60	7.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 06:15:58 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10574.D\data.ms

(104) Benzaldehyde

3.847min (+0.005) 2.13ppm

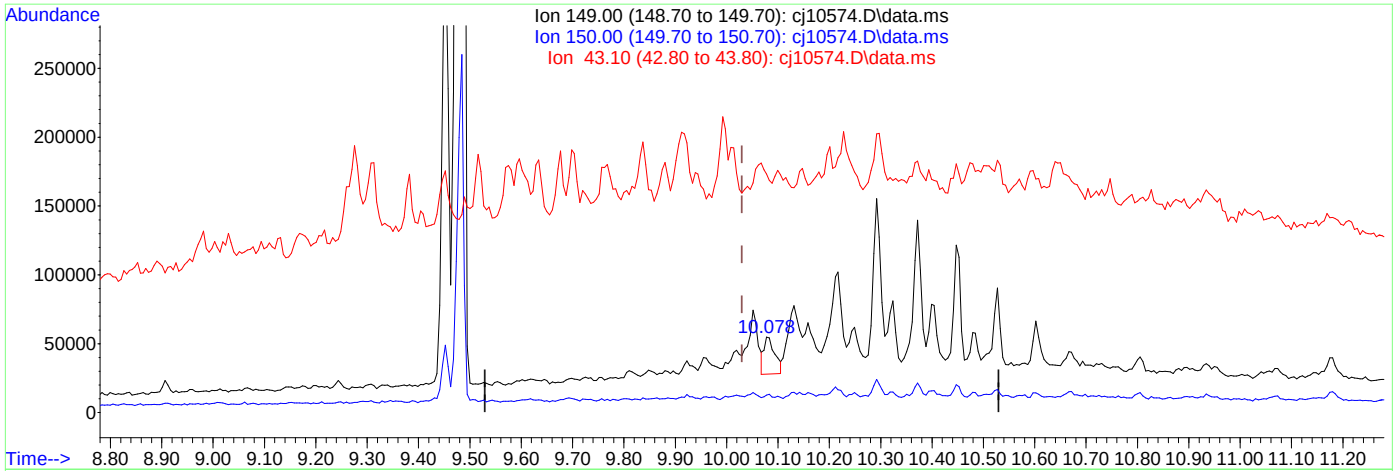
response 5401

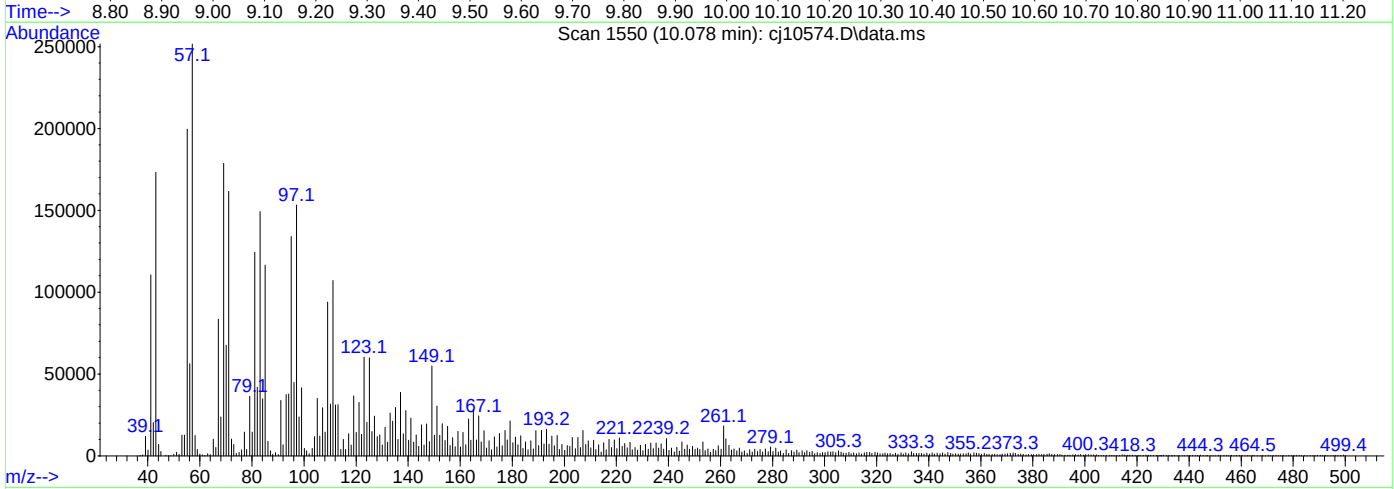
Ion	Exp%	Act%
105.00	100	100
106.00	94.70	113.25
77.00	94.80	100.38
51.00	43.40	46.15

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10574.D
Acq On : 28 Jan 2025 12:26 am
Operator : anthonyo
Sample : je4646-4 Inst : GCMSCJ
Misc : op61130,ecj451,15.3,,,1,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 28 06:18:14 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10574.D\data.ms

(94) Di-n-octylphthalate (t)

10.078min (+0.048) 3.00ppm

response 39480

Ion	Exp%	Act%
149.00	100	100
150.00	9.80	11.30
43.10	7.80	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Ying Li
01/28/25 13:34

Quantitation Report (QT Reviewed)

Data Path : R:\Dayton\MSSEMI\Completed\1. January 2025\01-28-2025\recheleb\ecj451\
Data File : cj10575.D
Acq On : 28 Jan 2025 12:43 am
Operator : anthonyo
Sample : je4646-5
Misc : op61130,ecj451,15.5,,,1,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 28 06:17:23 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.103	152	94997	40.00	ppm	0.00
24) Naphthalene-d8	4.852	136	367686	40.00	ppm	0.00
46) Acenaphthene-d10	5.906	164	205022	40.00	ppm	0.00
69) Phenanthrene-d10	7.024	188	360482	40.00	ppm	0.02
84) Chrysene-d12	9.452	240	320336	40.00	ppm	0.03
93) Perylene-d12	10.757	264	342096	40.00	ppm	0.04
103) 1,4-Dichlorobenzene-d4a	4.103	152	94997	40.00	ppm	0.00
105) Phenanthrene-d10a	7.024	188	360482	40.00	ppm	0.02
107) Naphthalene-d8a	4.852	136	367686	40.00	ppm	0.00
109) Phenanthrene-d10b	7.024	188	360482	40.00	ppm	0.02
112) Chrysene-d12a	9.452	240	320336	40.00	ppm	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.317	112	54061	18.47	ppm	0.02
Spiked Amount 50.000			Recovery = 36.94%			
8) Phenol-d5	3.948	99	68632	18.60	ppm	0.01
Spiked Amount 50.000			Recovery = 37.20%			
25) Nitrobenzene-d5	4.445	82	64104	18.02	ppm	0.00
Spiked Amount 50.000			Recovery = 36.04%			
51) 2-Fluorobiphenyl	5.472	172	134808	20.01	ppm	0.00
Spiked Amount 50.000			Recovery = 40.02%			
74) 2,4,6-Tribromophenol	6.478	330	15599	19.30	ppm	0.01
Spiked Amount 50.000			Recovery = 38.60%			
87) Terphenyl-d14	8.441	244	149826	18.65	ppm	0.02
Spiked Amount 50.000			Recovery = 37.30%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
9) Phenol	3.969	94	13880	3.50	ppm	74
21) 3&4-Methylphenol	4.392	108	5148	1.69	ppm	79
38) Naphthalene	4.863	128	9500	0.98	ppm	98
44) 2-Methylnaphthalene	5.258	141	16283	2.88	ppm	95
45) 1-Methylnaphthalene	5.317	141	12043	2.23	ppm	88
53) Biphenyl	5.531	154	3316	0.42	ppm	98
56) Acenaphthylene	5.820	152	7793m	0.89	ppm	
66) Fluorene	6.291	166	24306	3.59	ppm	92
78) Phenanthrene	7.040	178	171037	16.54	ppm	97
79) Anthracene	7.082	178	24387	2.36	ppm	87
80) Carbazole	7.238	167	8009	0.80	ppm	92
81) Di-n-butylphthalate	7.510	149	10736	0.86	ppm	97
82) Fluoranthene	8.088	202	169819	15.88	ppm	98
86) Pyrene	8.297	202	151715	12.68	ppm	98
89) Benzo[a]anthracene	9.436	228	51588	4.70	ppm	95
91) Chrysene	9.473	228	68412	6.66	ppm	99
92) bis(2-Ethylhexyl)phtha...	9.452	149	284293	34.01	ppm	99
95) Benzo[b]fluoranthene	10.431	252	73972m	6.75	ppm	
96) Benzo[k]fluoranthene	10.447	252	23631m	2.41	ppm	
97) Benzo[a]pyrene	10.703	252	38759	4.31	ppm	95
98) Indeno[1,2,3-cd]pyrene	11.741	276	30653	2.72	ppm	97

Quantitation Report (QT Reviewed)

Data Path : R:\Dayton\MSSEMI\Completed\1. January 2025\01-28-2025\recheleb\ecj451\
Data File : cj10575.D
Acq On : 28 Jan 2025 12:43 am
Operator : anthonyo
Sample : je4646-5
Misc : op61130,ecj451,15.5,,,1,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 28 06:17:23 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

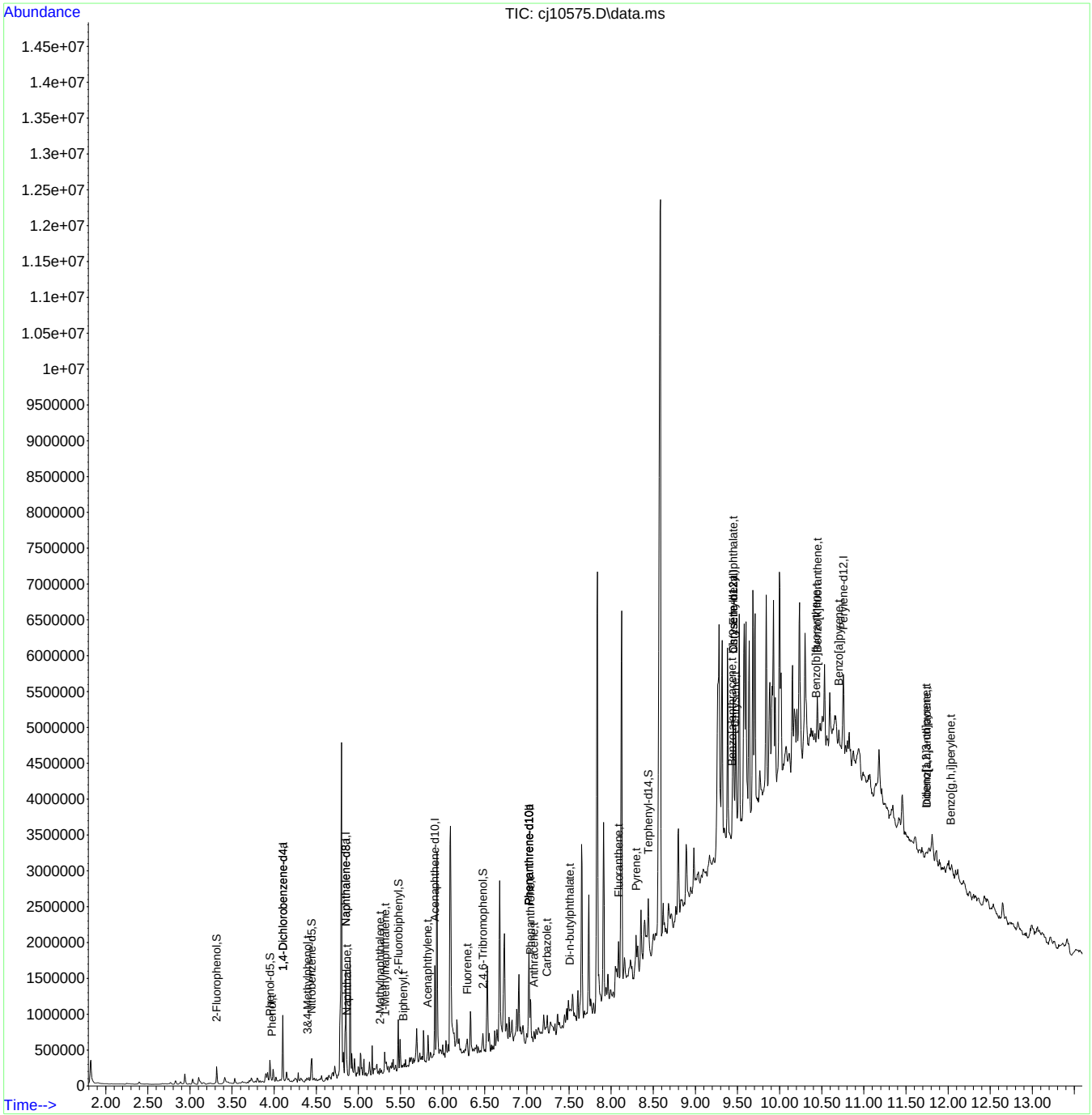
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
100) Dibenz[a,h]anthracene	11.746	278	8204	0.91	ppm	72
102) Benzo[g,h,i]perylene	12.030	276	30985	3.55	ppm	91

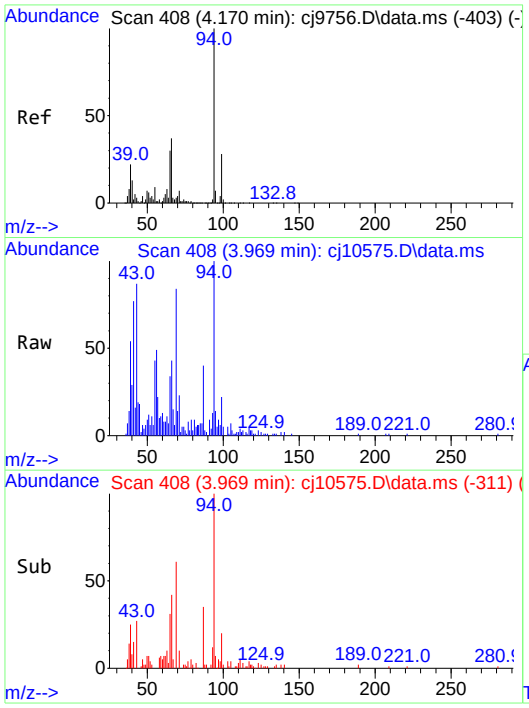
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\Dayton\MSSEMI\Completed\1. January 2025\01-28-2025\recheleb\ecj451\
Data File : cj10575.D
Acq On : 28 Jan 2025 12:43 am
Operator : anthonyo
Sample : je4646-5
Misc : op61130,ecj451,15.5,,,1,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 28 06:17:23 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

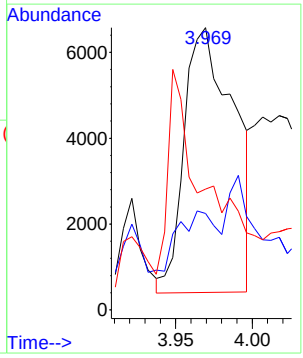


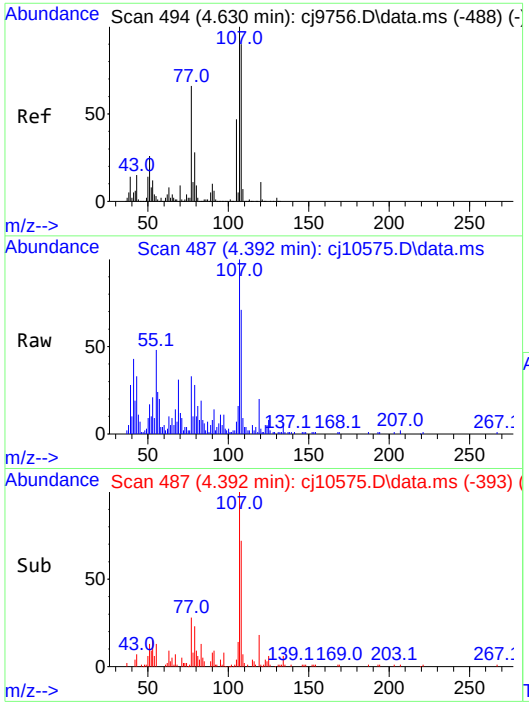


#9
Phenol
Concen: 3.50 ppm
RT: 3.969 min Scan# 408
Delta R.T. 0.021 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion: 94 Resp: 13880

Ion	Ratio	Lower	Upper
94	100		
65	16.8	16.2	76.2
66	36.4	8.1	68.1

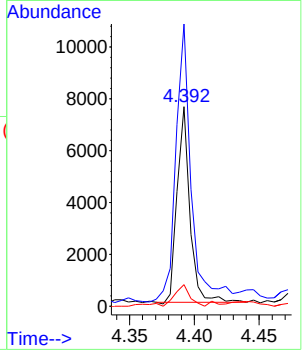


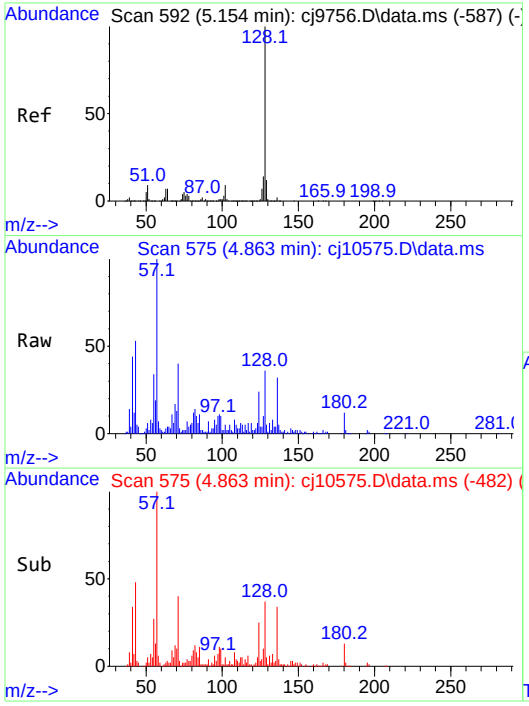


#21
3&4-Methylphenol
Concen: 1.69 ppm
RT: 4.392 min Scan# 487
Delta R.T. 0.005 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:108 Resp: 5148

Ion	Ratio	Lower	Upper
108	100		
107	138.3	83.9	143.9
90	9.1	0.0	41.5

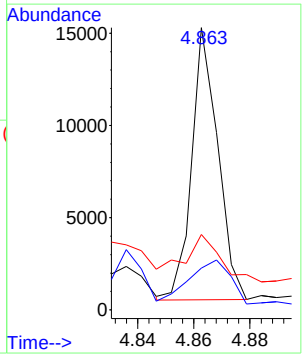


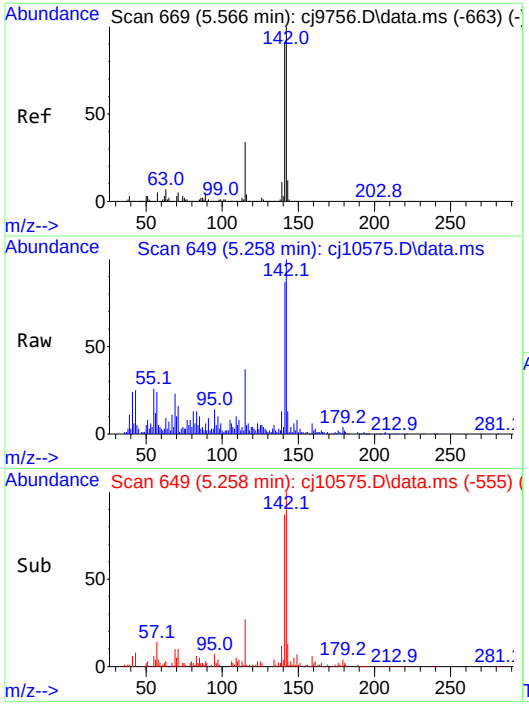


#38
Naphthalene
Concen: 0.98 ppm
RT: 4.863 min Scan# 575
Delta R.T. 0.000 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:128 Resp: 9500

Ion	Ratio	Lower	Upper
128	100		
129	12.7	0.0	40.9
127	13.9	0.0	43.8

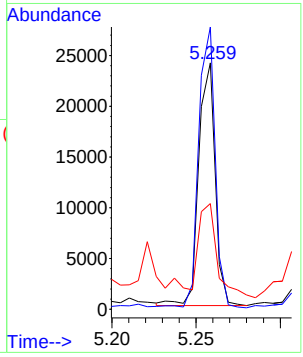


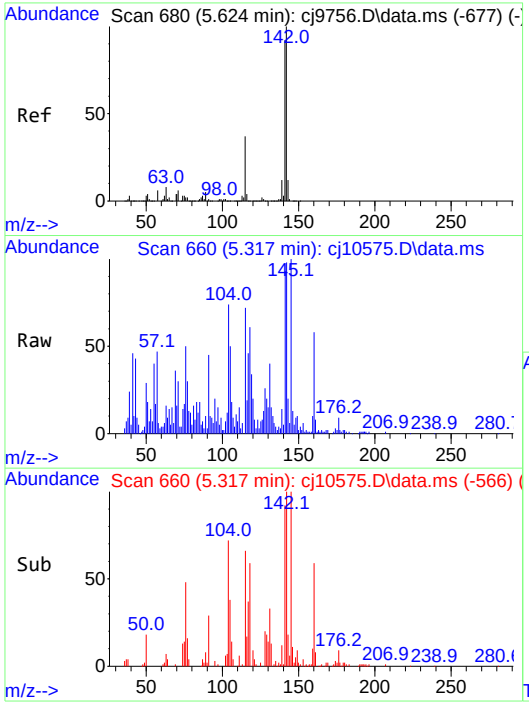


#44
2-Methylnaphthalene
Concen: 2.88 ppm
RT: 5.258 min Scan# 649
Delta R.T. 0.005 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:141 Resp: 16283

Ion	Ratio	Lower	Upper
141	100		
142	116.1	82.6	142.6
115	34.0	11.3	71.3

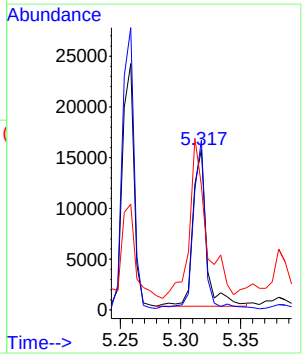


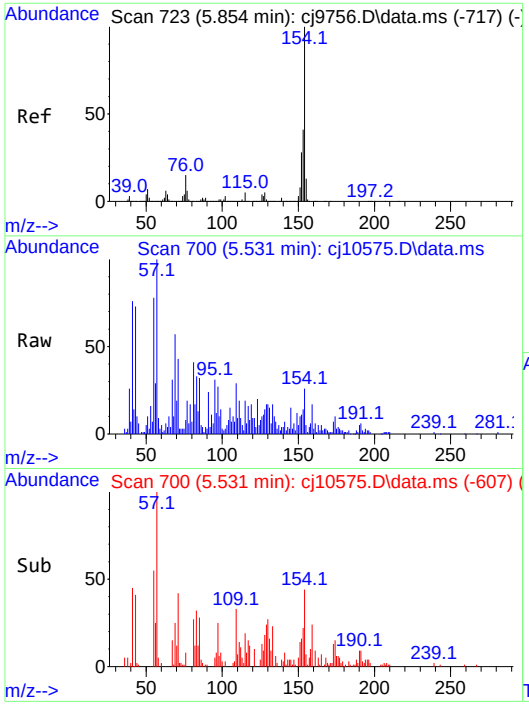


#45
1-Methylnaphthalene
Concen: 2.23 ppm
RT: 5.317 min Scan# 660
Delta R.T. 0.005 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:141 Resp: 12043

Ion	Ratio	Lower	Upper
141	100		
142	107.9	78.7	138.7
115	68.5	12.3	72.3

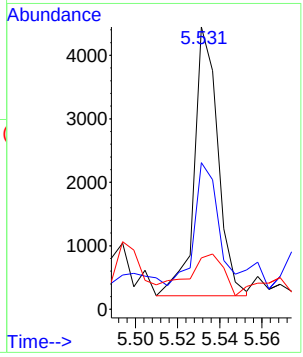


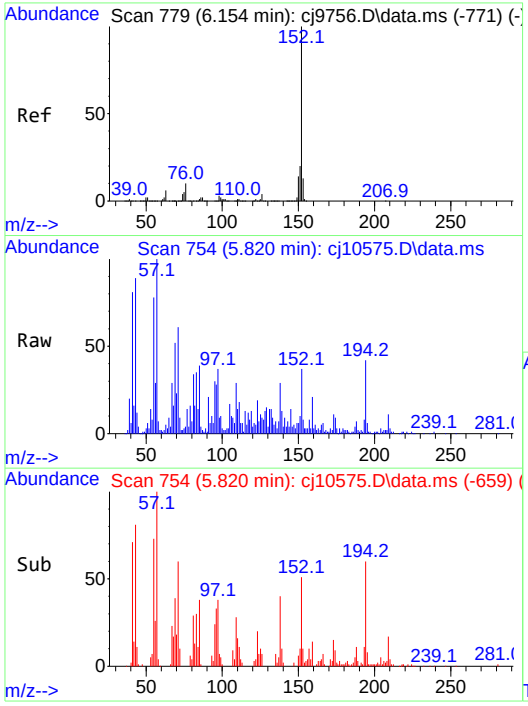


#53
Biphenyl
Concen: 0.42 ppm
RT: 5.531 min Scan# 700
Delta R.T. 0.000 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:154 Resp: 3316

Ion	Ratio	Lower	Upper
154	100		
153	41.7	11.1	71.1
155	10.4	0.0	42.7

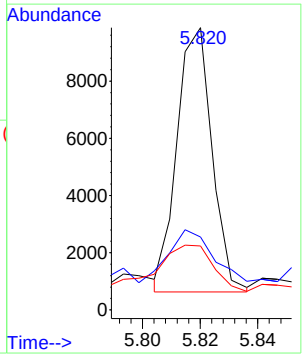


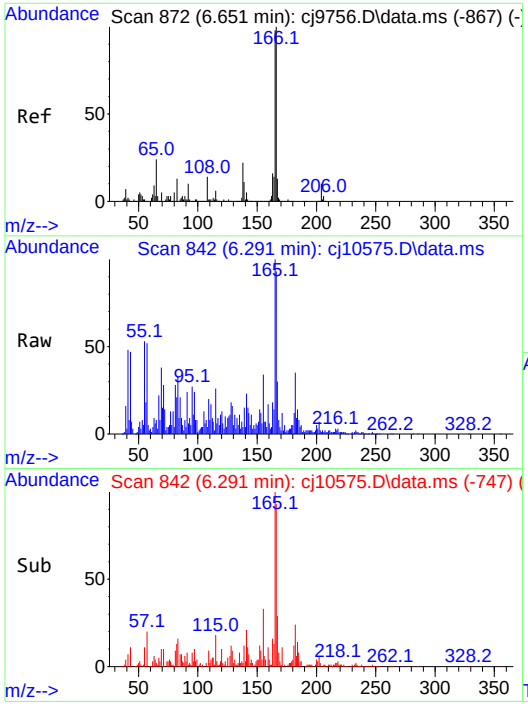


#56
Acenaphthylene
Concen: 0.89 ppm m
RT: 5.820 min Scan# 754
Delta R.T. 0.011 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:152 Resp: 7793

Ion	Ratio	Lower	Upper
152	100		
151	25.9	0.0	50.6
153	22.6	0.0	43.6

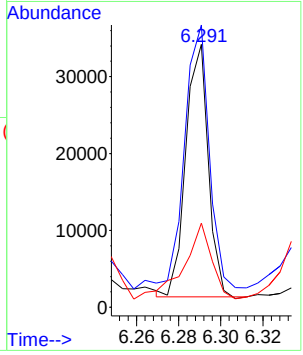


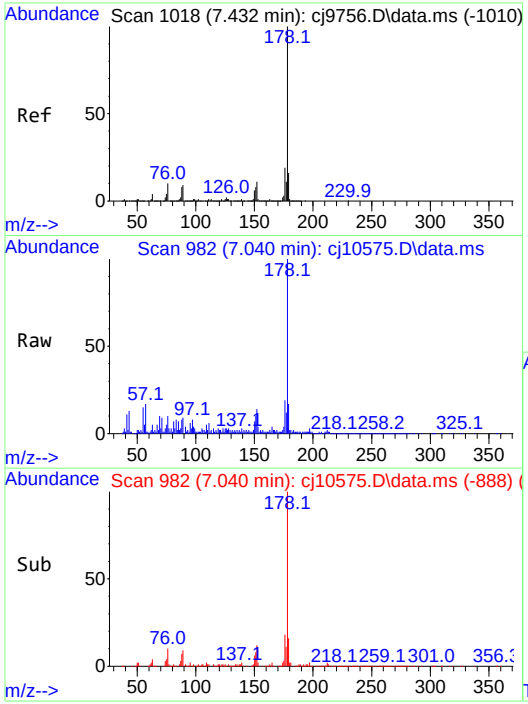


#66
Fluorene
Concen: 3.59 ppm
RT: 6.291 min Scan# 842
Delta R.T. 0.011 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:166 Resp: 24306

Ion	Ratio	Lower	Upper
166	100		
165	104.5	70.0	130.0
167	28.4	0.0	44.0

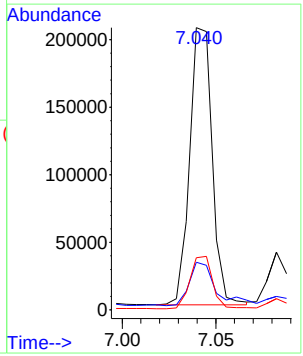


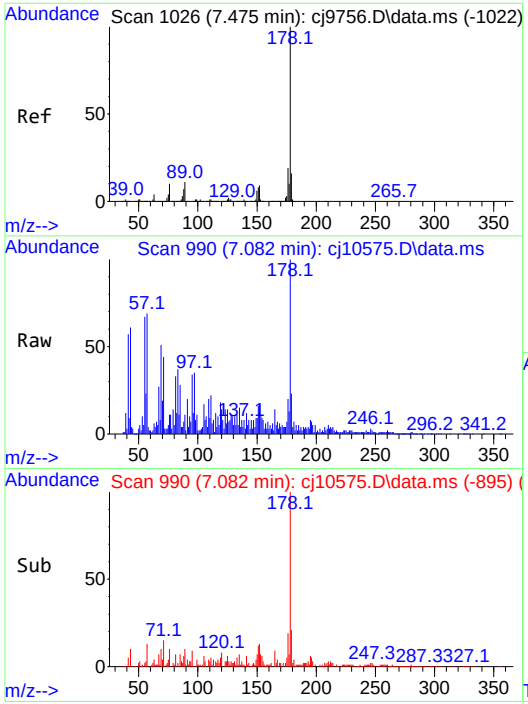


#78
Phenanthrene
Concen: 16.54 ppm
RT: 7.040 min Scan# 982
Delta R.T. 0.005 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:178 Resp: 171037

Ion	Ratio	Lower	Upper
178	100		
179	14.5	0.0	45.5
176	18.3	0.0	49.9

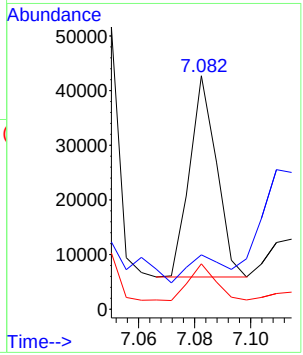


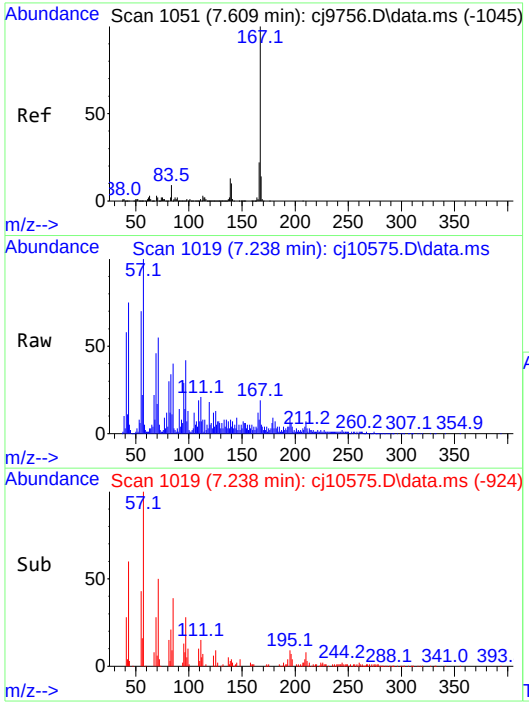


#79
Anthracene
Concen: 2.36 ppm
RT: 7.082 min Scan# 990
Delta R.T. 0.011 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:178 Resp: 24387

Ion	Ratio	Lower	Upper
178	100		
179	4.6	0.0	45.8
176	18.0	0.0	48.7

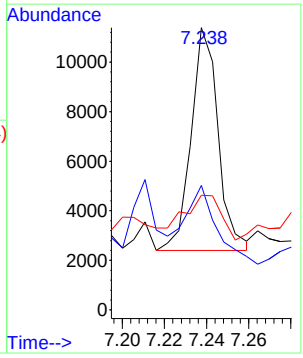


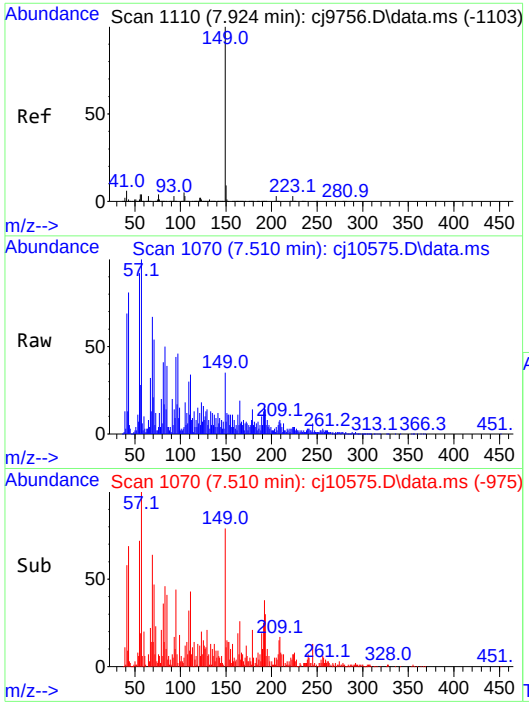


#80
Carbazole
Concen: 0.80 ppm
RT: 7.238 min Scan# 1019
Delta R.T. 0.011 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:167 Resp: 8009

Ion	Ratio	Lower	Upper
167	100		
166	26.5	0.0	51.8
139	16.4	0.0	44.2

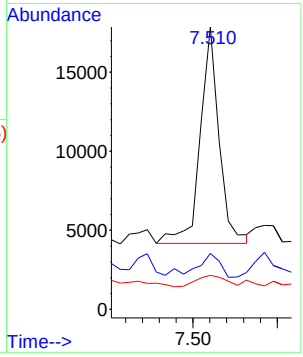


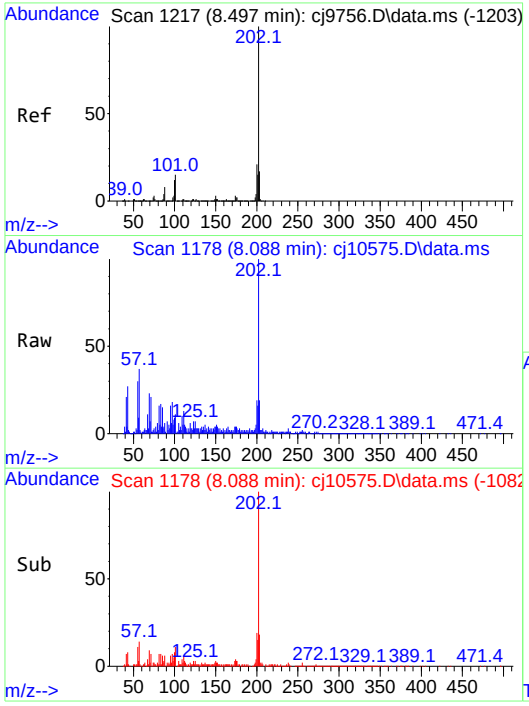


#81
Di-n-butylphthalate
Concen: 0.86 ppm
RT: 7.510 min Scan# 1070
Delta R.T. 0.011 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:149 Resp: 10736

Ion	Ratio	Lower	Upper
149	100		
150	8.8	0.0	39.1
104	3.0	0.0	35.0

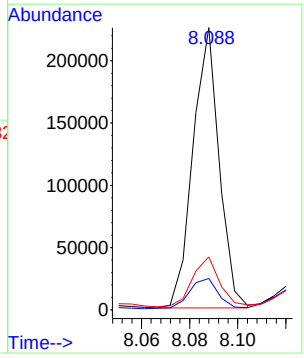


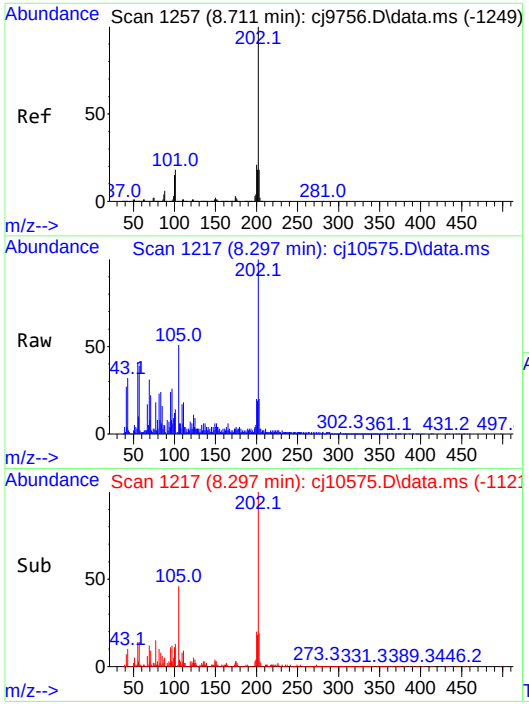


#82
Fluoranthene
Concen: 15.88 ppm
RT: 8.088 min Scan# 1178
Delta R.T. 0.016 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:202 Resp: 169819

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	41.2
203	17.5	0.0	46.8

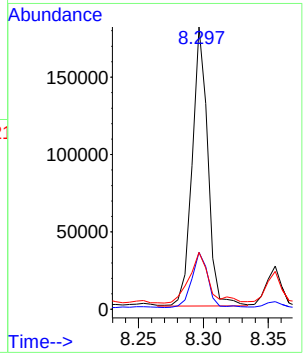


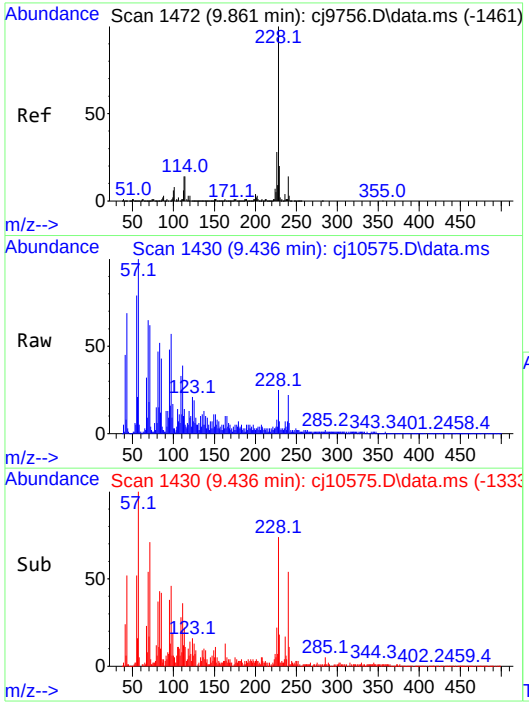


#86
Pyrene
Concen: 12.68 ppm
RT: 8.297 min Scan# 1217
Delta R.T. 0.016 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:202 Resp: 151715

Ion	Ratio	Lower	Upper
202	100		
200	19.7	0.0	50.8
203	18.0	0.0	47.0

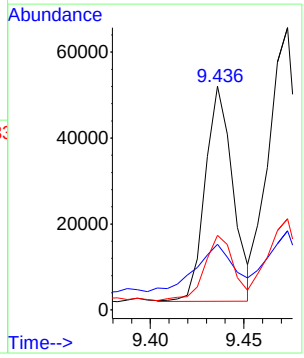


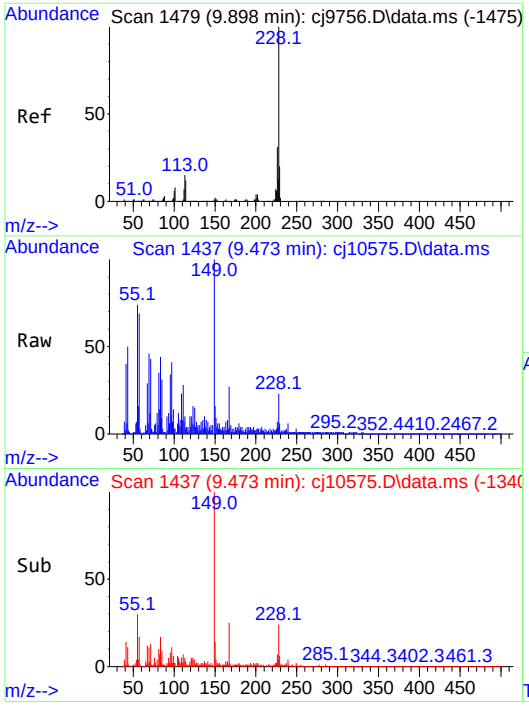


#89
Benzo[a]anthracene
Concen: 4.70 ppm
RT: 9.436 min Scan# 1430
Delta R.T. 0.021 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:228 Resp: 51588

Ion	Ratio	Lower	Upper
228	100		
229	19.6	0.0	48.6
226	30.6	0.0	57.2

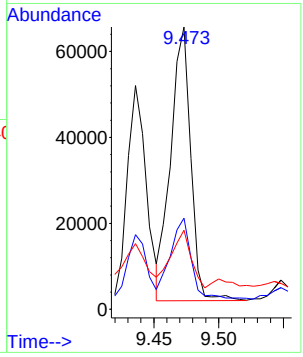


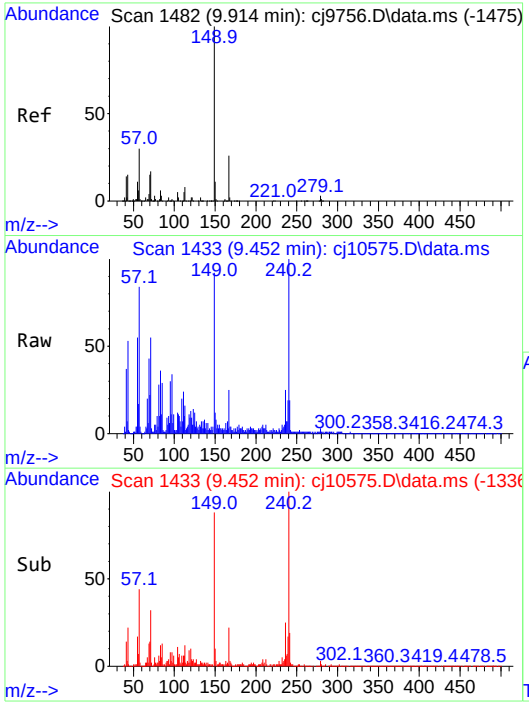


#91
Chrysene
Concen: 6.66 ppm
RT: 9.473 min Scan# 1437
Delta R.T. 0.021 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:228 Resp: 68412

Ion	Ratio	Lower	Upper
228	100		
226	29.7	0.0	59.6
229	20.0	0.0	49.1

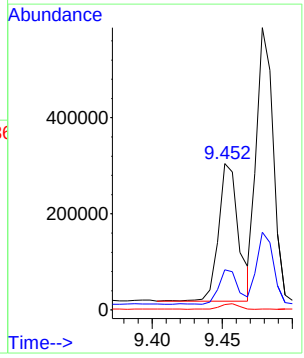


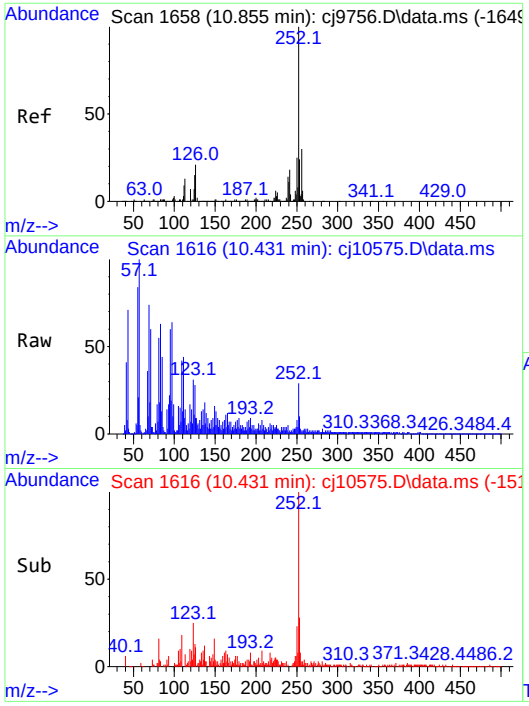


#92
bis(2-Ethylhexyl)phthalate
Concen: 34.01 ppm
RT: 9.452 min Scan# 1433
Delta R.T. 0.021 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:149 Resp: 284293

Ion	Ratio	Lower	Upper
149	100		
167	25.5	0.0	55.1
279	3.7	0.0	33.1

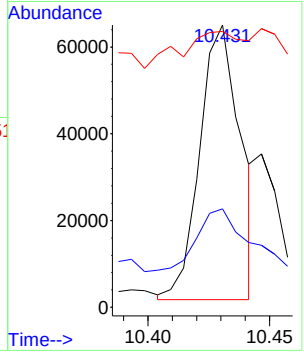


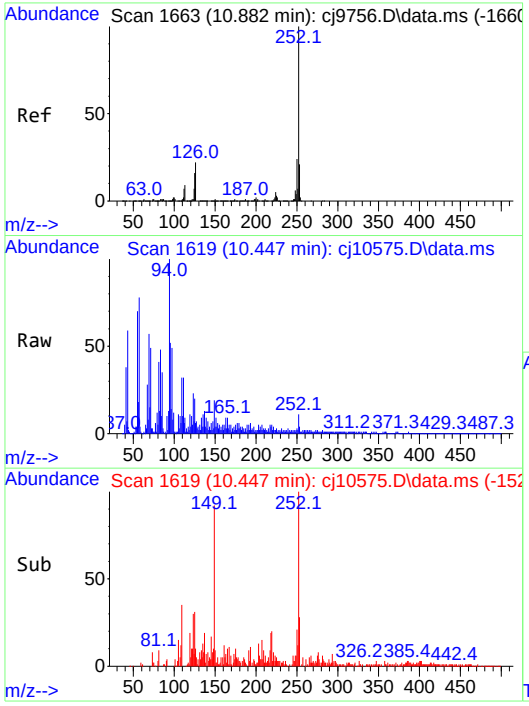


#95
Benzo[b]fluoranthene
Concen: 6.75 ppm m
RT: 10.431 min Scan# 1616
Delta R.T. 0.032 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:252 Resp: 73972

Ion	Ratio	Lower	Upper
252	100		
253	34.9	0.0	51.8
125	97.7	0.0	39.5#

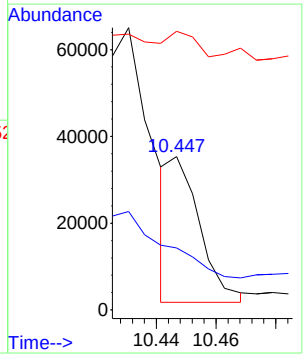


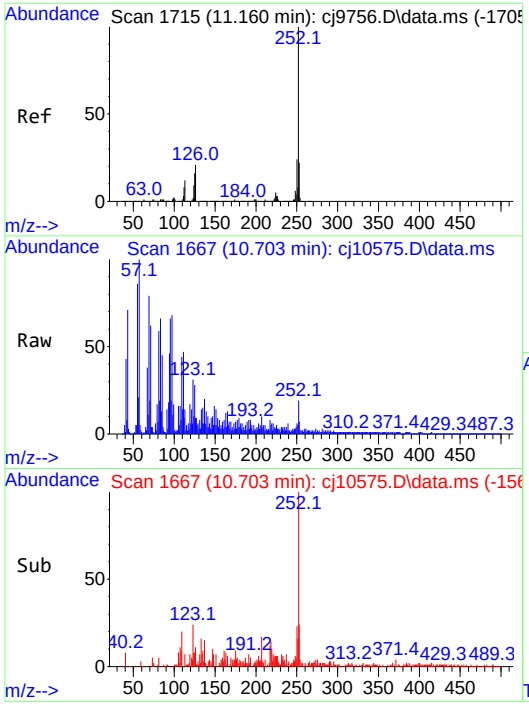


#96
Benzo[k]fluoranthene
Concen: 2.41 ppm m
RT: 10.447 min Scan# 1619
Delta R.T. 0.027 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:252 Resp: 23631

Ion	Ratio	Lower	Upper
252	100		
253	40.4	0.0	52.1
125	181.7	0.0	40.6#

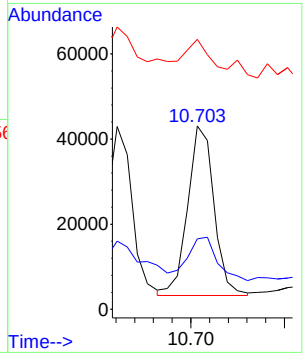


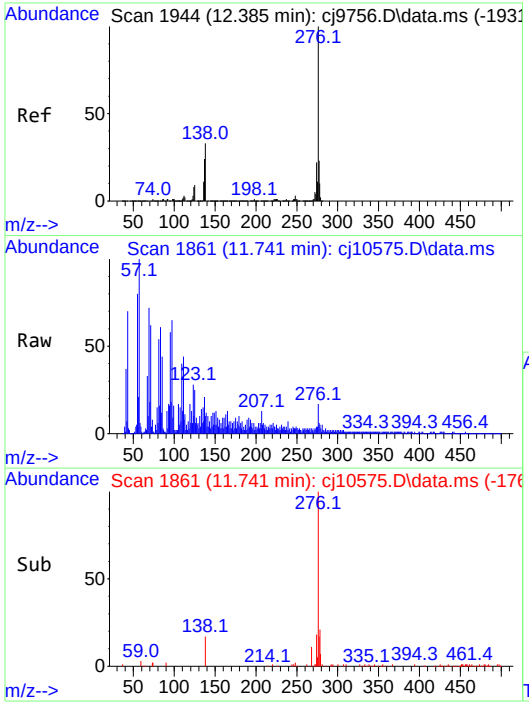


#97
Benzo[a]pyrene
Concen: 4.31 ppm
RT: 10.703 min Scan# 1667
Delta R.T. 0.032 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:252 Resp: 38759

Ion	Ratio	Lower	Upper
252	100		
253	20.6	0.0	50.9
125	16.6	0.0	41.7

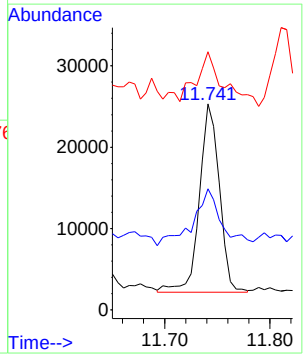


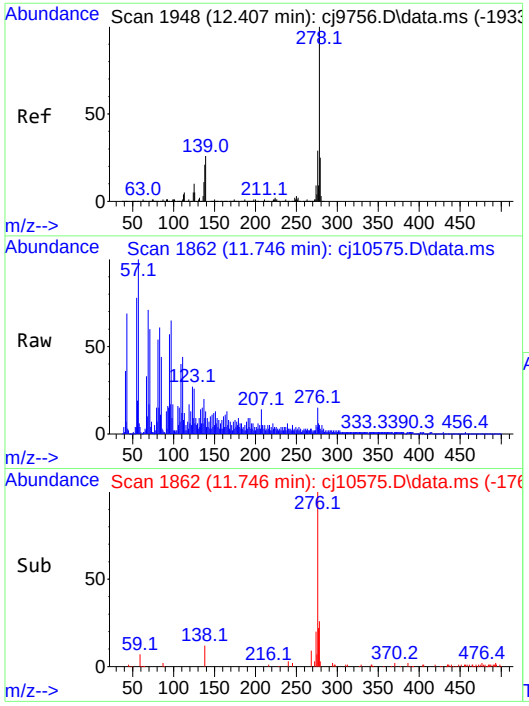


#98
Indeno[1,2,3-cd]pyrene
Concen: 2.72 ppm
RT: 11.741 min Scan# 1861
Delta R.T. 0.043 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:276 Resp: 30653

Ion	Ratio	Lower	Upper
276	100		
138	29.0	0.9	60.9
137	22.0	0.0	51.0

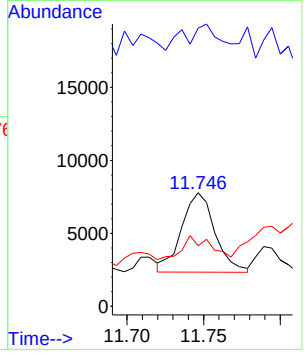


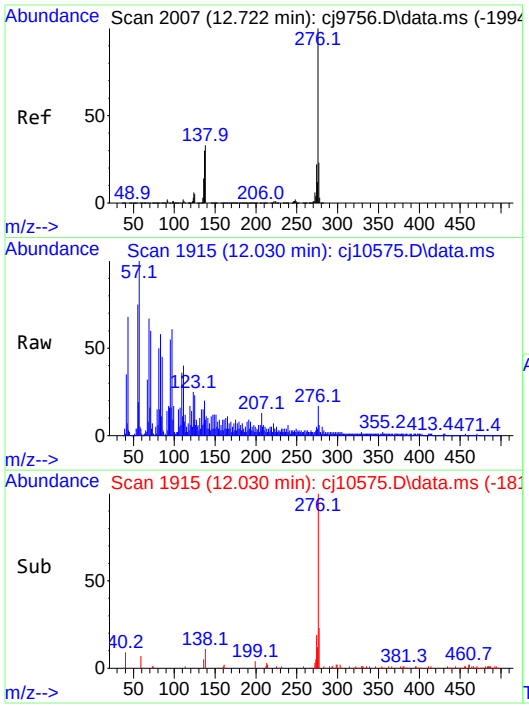


#100
Dibenz[a,h]anthracene
Concen: 0.91 ppm
RT: 11.746 min Scan# 1862
Delta R.T. 0.037 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:278 Resp: 8204

Ion	Ratio	Lower	Upper
278	100		
139	9.5	0.0	48.3
279	6.7	0.0	53.3

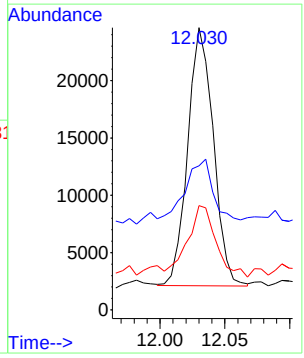




#102
Benzo[g,h,i]perylene
Concen: 3.55 ppm
RT: 12.030 min Scan# 1915
Delta R.T. 0.048 min
Lab File: cj10575.D
Acq: 28 Jan 2025 12:43 am

Tgt Ion:276 Resp: 30985

Ion	Ratio	Lower	Upper
276	100		
138	20.5	0.0	56.8
277	25.7	0.0	53.4



Manual Integration Approval Summary

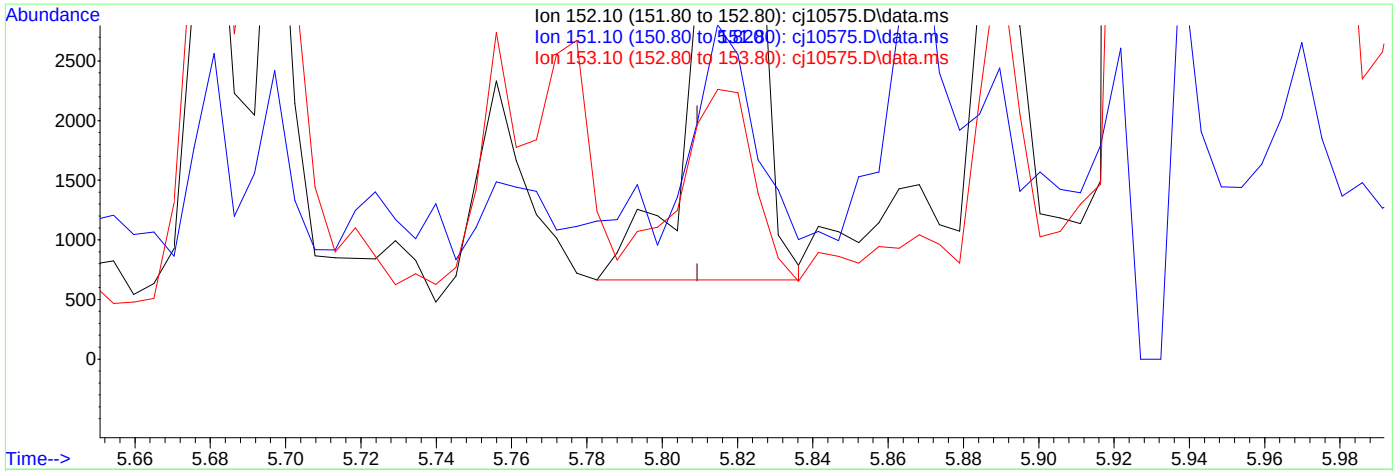
Sample Number: JE4646-5
Lab FileID: CJ10575.D
Injection Time: 01/28/25 00:43
Method: SW846 8270E
Analyst approved: 01/28/25 11:14 Daniela Suarez
Supervisor approved: 01/28/25 13:34 Ying Li

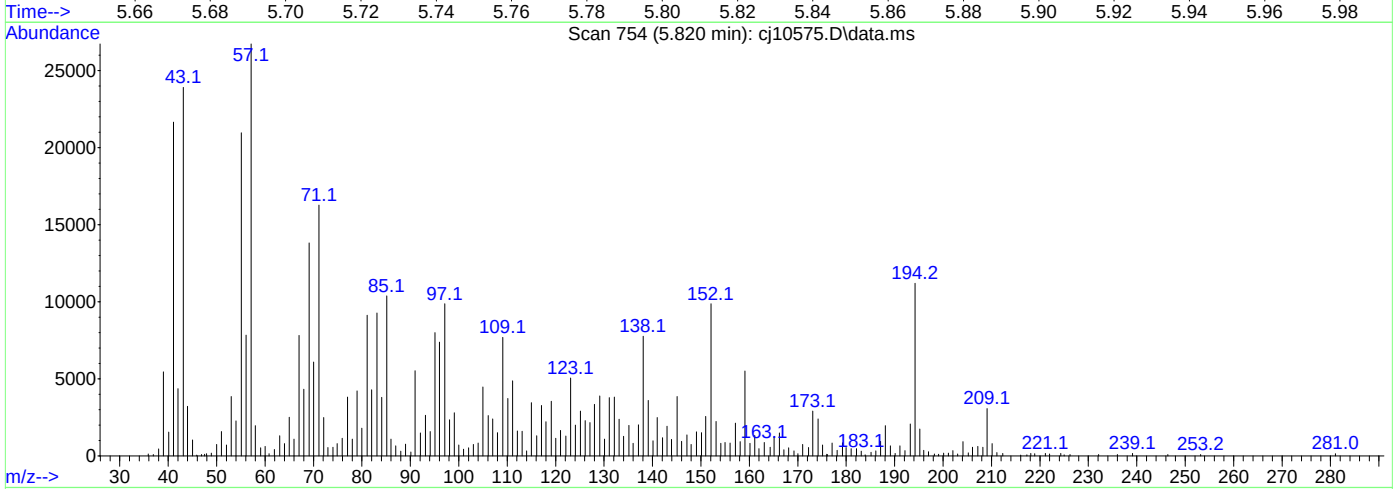
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acenaphthylene	208-96-8		5.82	Split peak
Benzo(b)fluoranthene	205-99-2		10.43	Split peak
Benzo(k)fluoranthene	207-08-9		10.45	Split peak

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10575.D
Acq On : 28 Jan 2025 12:43 am
Operator : anthonyo
Sample : je4646-5 Inst : GCMSCJ
Misc : op61130,ecj451,15.5,,,1,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 28 06:19:35 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10575.D\data.ms

(56) Acenaphthylene (t)

5.820min (+0.011) 0.95ppm

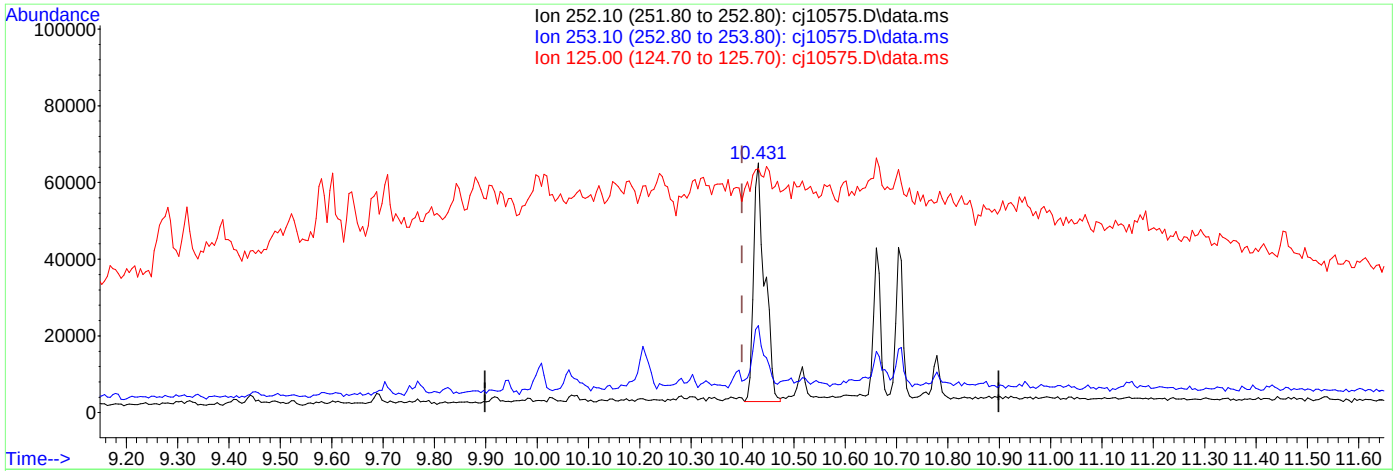
response 8307

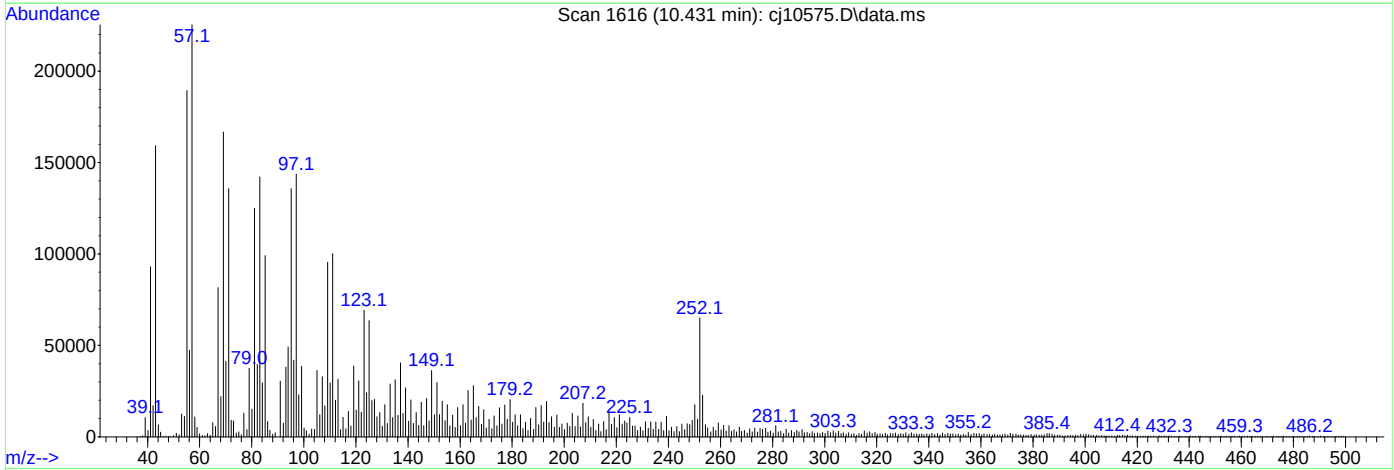
Ion	Exp%	Act%
152.10	100	100
151.10	20.60	16.11
153.10	13.60	14.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10575.D
Acq On : 28 Jan 2025 12:43 am
Operator : anthonyo
Sample : je4646-5 Inst : GCMSCJ
Misc : op61130,ecj451,15.5,,,1,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 28 06:21:04 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10575.D\data.ms

(95) Benzo[b]fluoranthene (t)

10.431min (+0.032) 8.55ppm

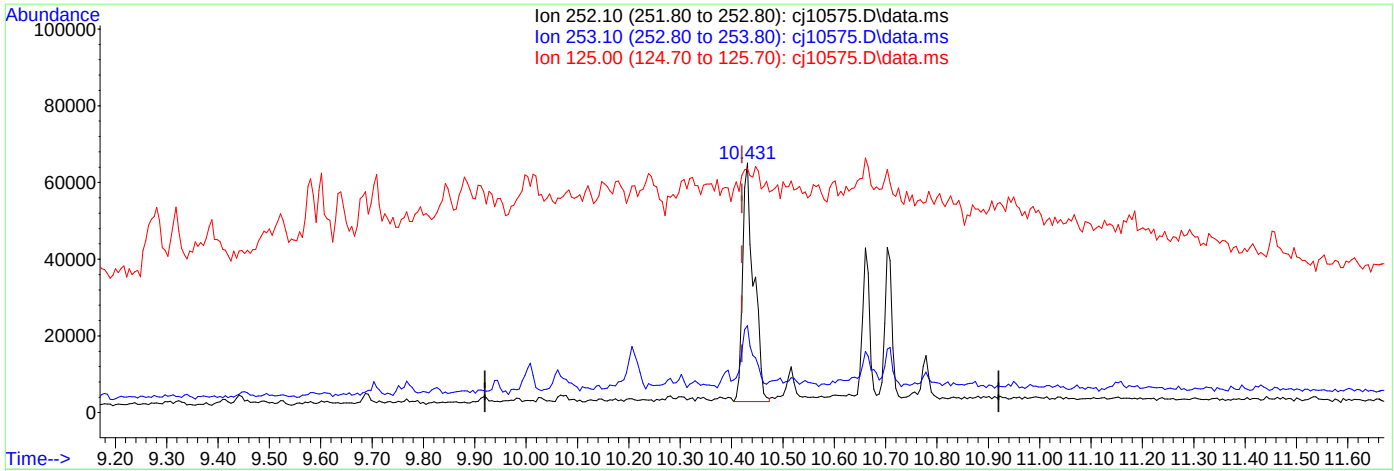
response 93673

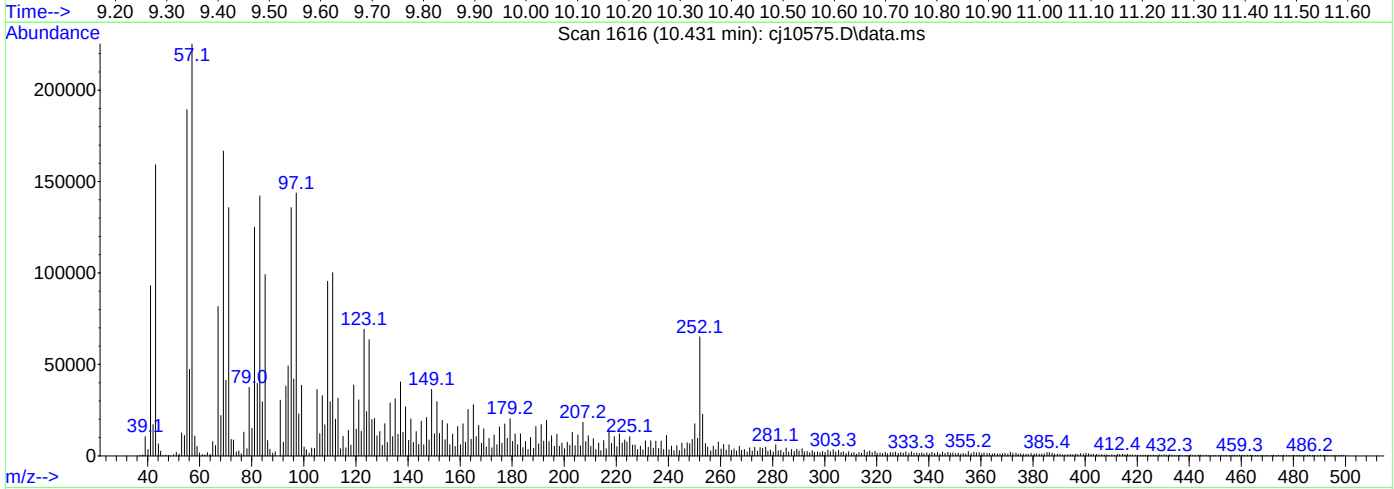
Ion	Exp%	Act%
252.10	100	100
253.10	21.80	23.28
125.00	9.50	9.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10575.D
Acq On : 28 Jan 2025 12:43 am
Operator : anthonyo
Sample : je4646-5 Inst : GCMSCJ
Misc : op61130,ecj451,15.5,,,1,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 28 06:21:04 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10575.D\data.ms

(96) Benzo[k]fluoranthene (t)

10.431min (+0.011) 9.56ppm

response 93673

Ion	Exp%	Act%
252.10	100	100
253.10	22.10	23.28
125.00	10.60	9.17
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Jacky Takeuchi 01/28/25 18:33

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224245.D
Acq On : 28 Jan 2025 12:10 pm
Operator : kaleigh
Sample : je4646-6 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 28 17:49:06 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration

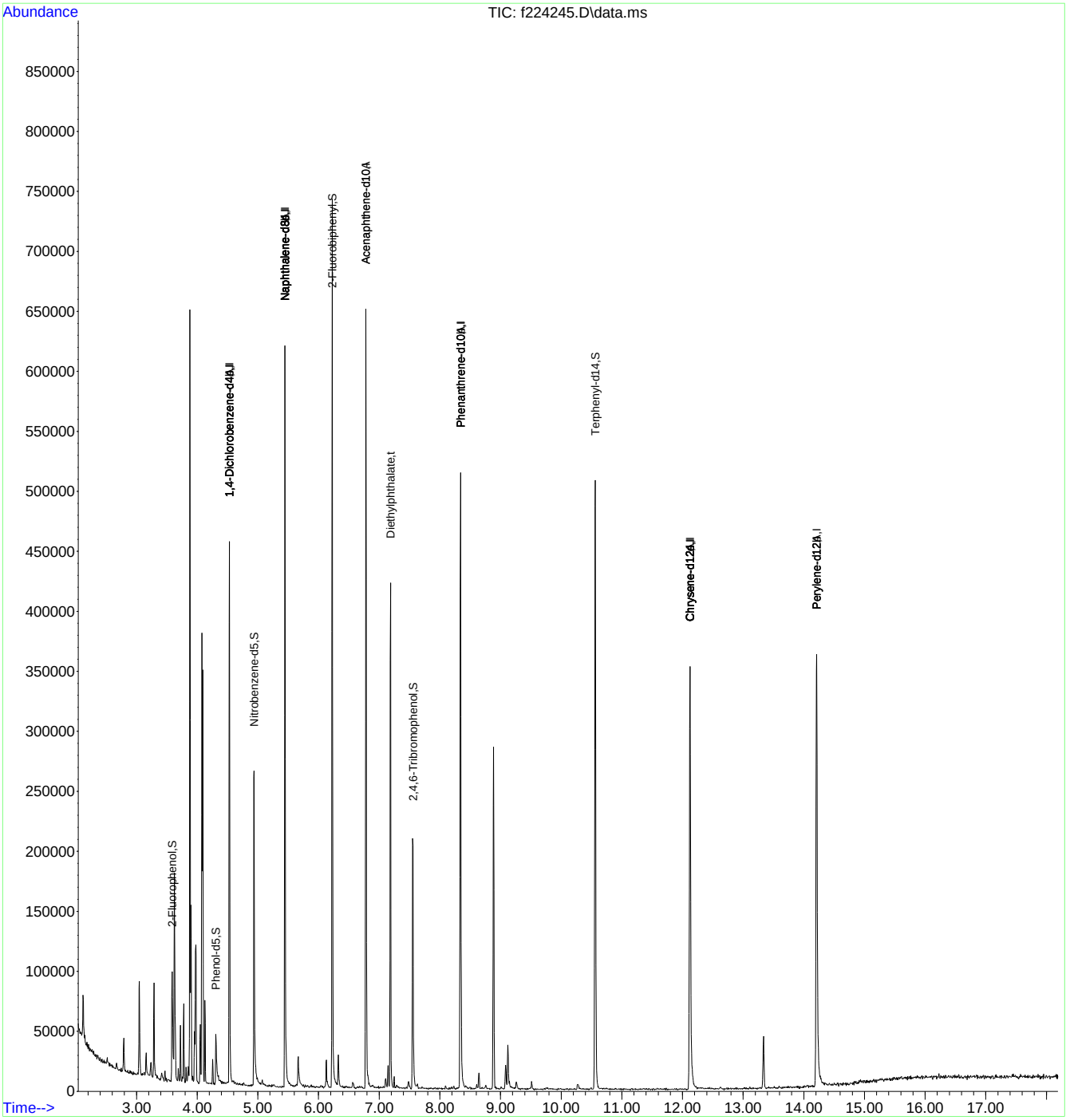
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.532	152	60215	40.00	ppm	0.00
24) Naphthalene-d8	5.446	136	224794	40.00	ppm	0.00
46) Acenaphthene-d10	6.781	164	117215	40.00	ppm	0.00
69) Phenanthrene-d10	8.341	188	214508	40.00	ppm	0.00
83) Chrysene-d12	12.124	240	167901	40.00	ppm	0.00
92) Perylene-d12	14.212	264	184364	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.532	152	60215	40.00	ppm	0.00
112) Naphthalene-d8A	5.446	136	224794	40.00	ppm	0.00
121) Acenaphthene-d10A	6.781	164	117215	40.00	ppm	0.00
132) Phenanthrene-d10A	8.341	188	214508	40.00	ppm	0.00
147) Chrysene-d12A	12.124	240	167901	40.00	ppm	0.00
154) Perylene-d12A	14.212	264	184364	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.532	152	60295	40.00	ppm	0.00
159) Phenanthrene-d10b	8.341	188	214508	40.00	ppm	0.00
161) Naphthalene-d8b	5.446	136	224794	40.00	ppm	0.00
163) Naphthalene-d8c	5.446	136	224794	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.532	152	60215	40.00	ppm	0.00
169) Chrysene-d12c	12.124	240	167901	40.00	ppm	0.00
171) Chrysene-d12d	12.124	240	167901	40.00	ppm	0.00
173) Naphthalene-d8d	5.446	136	224794	40.00	ppm	0.00
175) Chrysene-d12e	12.124	240	167901	40.00	ppm	0.00
177) Perylene-d12b	14.212	264	184364	40.00	ppm	0.00
179) Naphthalene-d8e	5.446	136	224794	40.00	ppm	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.587	112	38444m	23.77	ppm	0.00
Spiked Amount 50.000			Recovery = 47.54%			
8) Phenol-d5	4.308	99	22686	12.07	ppm	0.02
Spiked Amount 50.000			Recovery = 24.14%			
25) Nitrobenzene-d5	4.938	82	89196	55.67	ppm	0.00
Spiked Amount 50.000			Recovery = 111.34%			
51) 2-Fluorobiphenyl	6.226	172	183814	44.73	ppm	0.00
Spiked Amount 50.000			Recovery = 89.46%			
73) 2,4,6-Tribromophenol	7.556	330	21557	41.38	ppm	0.00
Spiked Amount 50.000			Recovery = 82.76%			
86) Terphenyl-d14	10.564	244	193947	49.39	ppm	0.00
Spiked Amount 50.000			Recovery = 98.78%			
Target Compounds						Qvalue
65) Diethylphthalate	7.187	149	149083	36.5820	ppm	98

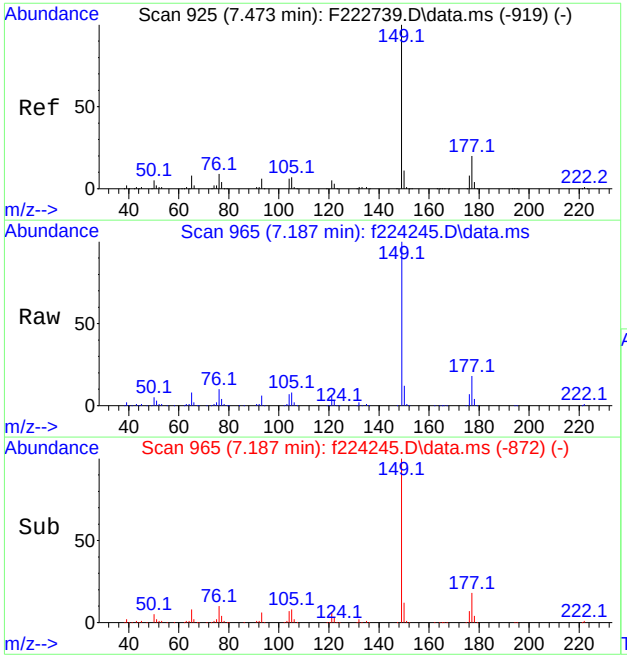
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224245.D
Acq On : 28 Jan 2025 12:10 pm
Operator : kaleigh
Sample : je4646-6 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 28 17:49:06 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration

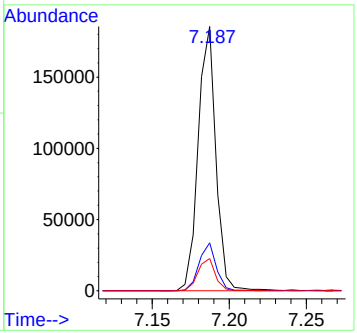




#65
Diethylphthalate
Concen: 36.5820 ppm
RT: 7.187 min Scan# 965
Delta R.T. -0.006 min
Lab File: f224245.D
Acq: 28 Jan 2025 12:10 pm

Tgt Ion:149 Resp: 149083

Ion	Ratio	Lower	Upper
149	100		
177	18.1	0.0	47.2
150	12.2	0.0	41.9



Manual Integration Approval Summary

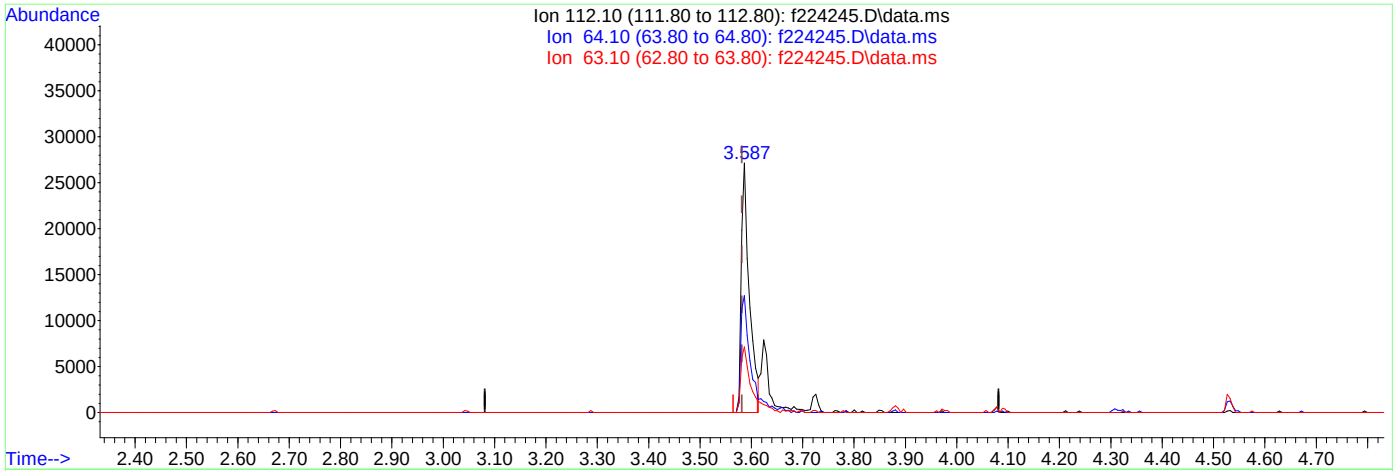
Sample Number: JE4646-6
Lab FileID: F224245.D
Injection Time: 01/28/25 12:10
Method: SW846 8270E
Analyst approved: 01/28/25 14:37 Michael Lozano
Supervisor approved: 01/28/25 18:33 Jacky Takeuchi

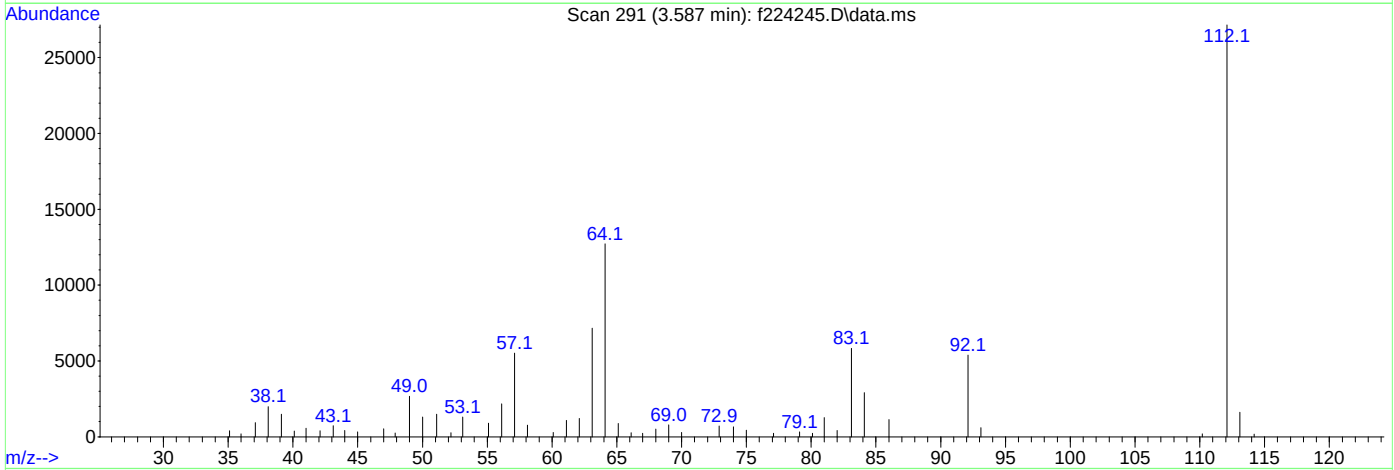
Parameter	CAS	Sig#	R.T. (min.)	Reason
2-Fluorophenol	367-12-4		3.59	Poor instrument integration

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224245.D
Acq On : 28 Jan 2025 12:10 pm
Operator : kaleigh
Sample : je4646-6 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 28 17:44:25 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration





TIC: f224245.D\data.ms

(5) 2-Fluorophenol (S)

3.587min (+0.005) 18.48ppm

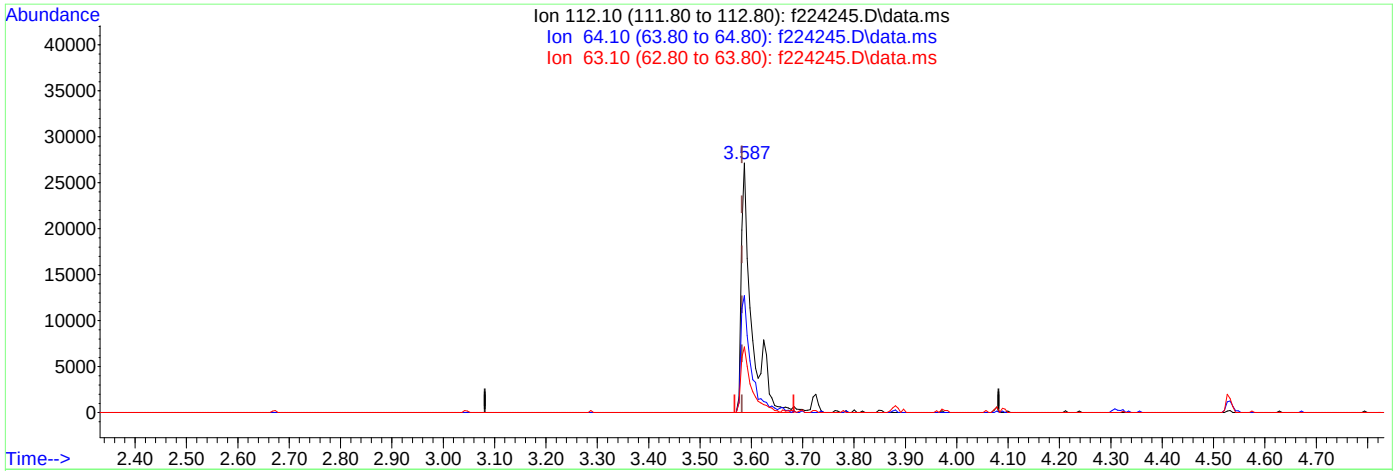
response 29888

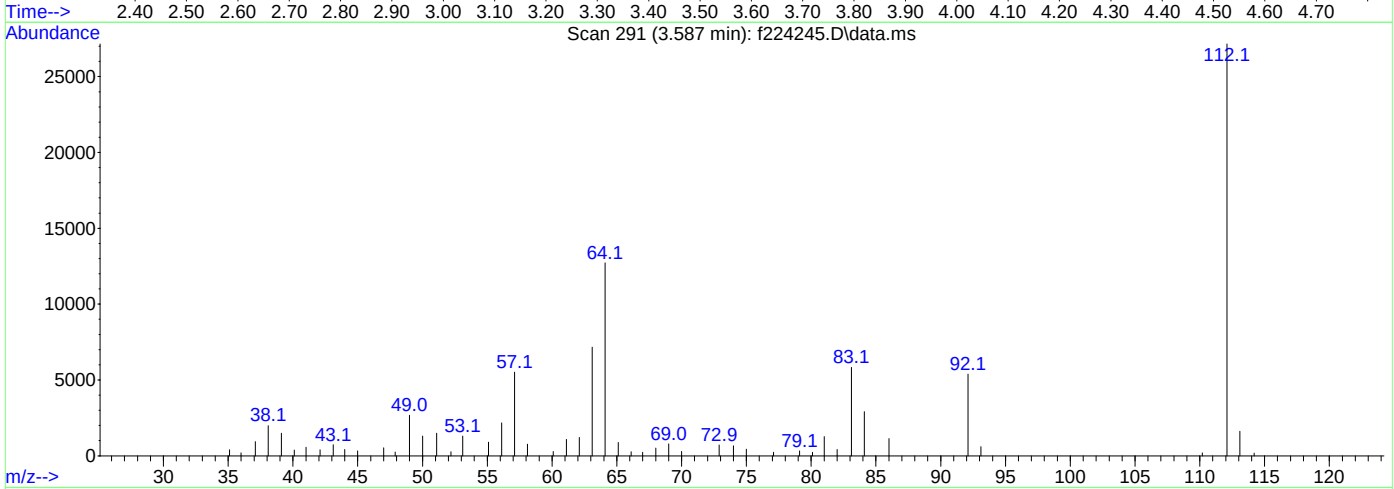
Ion	Exp%	Act%
112.10	100	100
64.10	52.70	47.45
63.10	29.30	25.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224245.D
Acq On : 28 Jan 2025 12:10 pm
Operator : kaleigh
Sample : je4646-6 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 28 17:49:06 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration





TIC: f224245.D\data.ms

(5) 2-Fluorophenol (S)

3.587min (+0.005) 23.77ppm m

response 38444

Ion	Exp%	Act%
112.10	100	100
64.10	52.70	46.86
63.10	29.30	26.34
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Jacky Takeuchi 01/28/25 18:37

Quantitation Report (QT/LSC Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224239.D
Acq On : 28 Jan 2025 9:33 am
Operator : kaleigh
Sample : op61138-mb1 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 28 16:44:00 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration

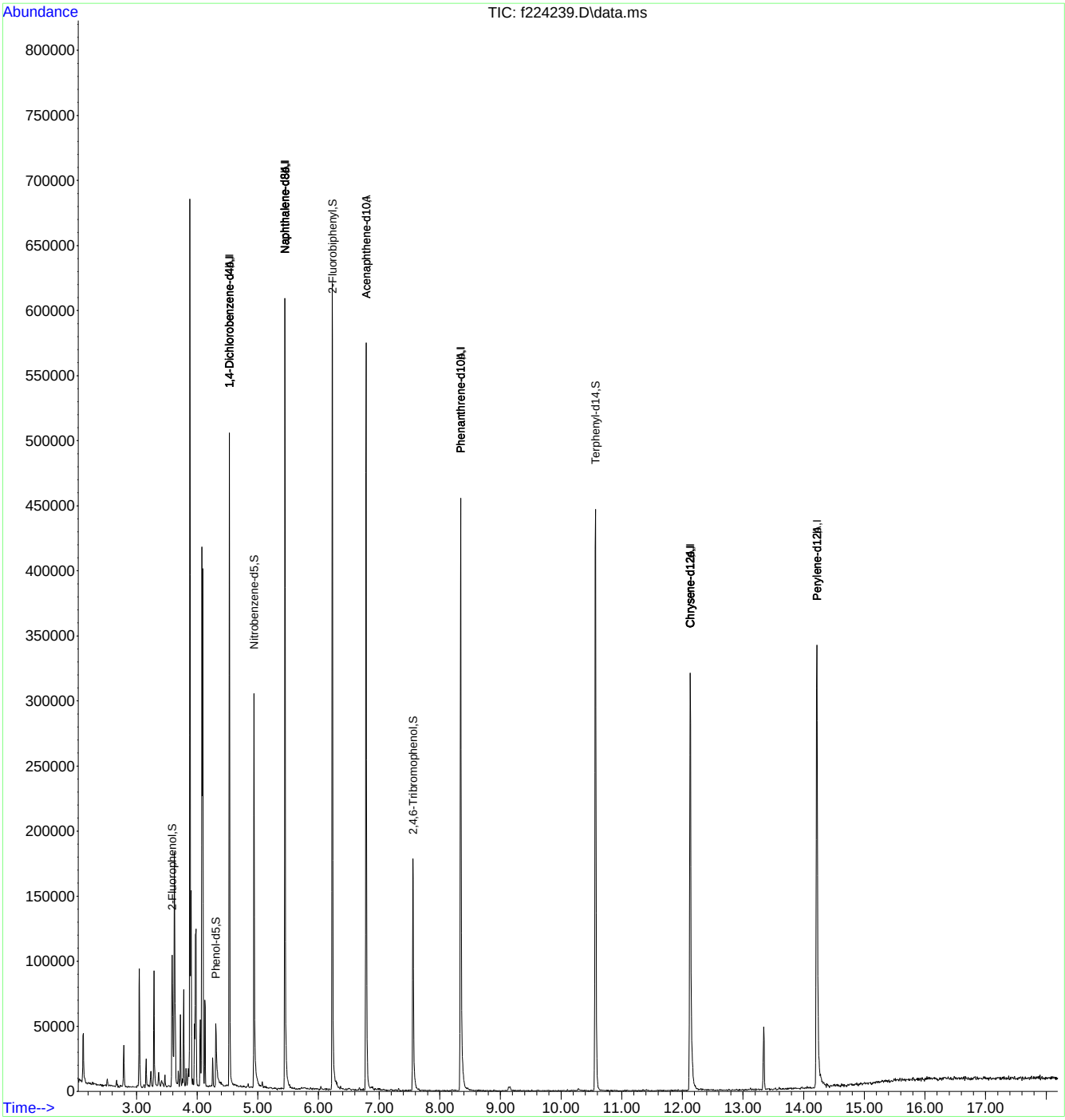
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.532	152	62528	40.00	ppm	0.00
24) Naphthalene-d8	5.446	136	229520	40.00	ppm	0.00
46) Acenaphthene-d10	6.787	164	114012	40.00	ppm	0.00
69) Phenanthrene-d10	8.347	188	208502	40.00	ppm	0.00
83) Chrysene-d12	12.129	240	163788	40.00	ppm	0.00
92) Perylene-d12	14.218	264	179974	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.532	152	62528	40.00	ppm	0.00
112) Naphthalene-d8A	5.446	136	229520	40.00	ppm	0.00
121) Acenaphthene-d10A	6.787	164	114012	40.00	ppm	0.00
132) Phenanthrene-d10A	8.347	188	208502	40.00	ppm	0.00
147) Chrysene-d12A	12.129	240	163788	40.00	ppm	0.00
154) Perylene-d12A	14.218	264	179974	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.532	152	62585	40.00	ppm	0.00
159) Phenanthrene-d10b	8.347	188	208502	40.00	ppm	0.00
161) Naphthalene-d8b	5.446	136	229520	40.00	ppm	0.00
163) Naphthalene-d8c	5.446	136	229520	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.532	152	62528	40.00	ppm	0.00
169) Chrysene-d12c	12.129	240	163788	40.00	ppm	0.00
171) Chrysene-d12d	12.129	240	163788	40.00	ppm	0.00
173) Naphthalene-d8d	5.446	136	229520	40.00	ppm	0.00
175) Chrysene-d12e	12.129	240	163788	40.00	ppm	0.00
177) Perylene-d12b	14.218	264	179974	40.00	ppm	0.00
179) Naphthalene-d8e	5.446	136	229520	40.00	ppm	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.587	112	41552m	24.74	ppm	0.00
Spiked Amount 50.000			Recovery =	49.48%		
8) Phenol-d5	4.308	99	23485	12.03	ppm	0.02
Spiked Amount 50.000			Recovery =	24.06%		
25) Nitrobenzene-d5	4.938	82	92259	56.40	ppm	0.00
Spiked Amount 50.000			Recovery =	112.80%		
51) 2-Fluorobiphenyl	6.231	172	183132	45.81	ppm	0.00
Spiked Amount 50.000			Recovery =	91.62%		
73) 2,4,6-Tribromophenol	7.561	330	19150	37.82	ppm	0.01
Spiked Amount 50.000			Recovery =	75.64%		
86) Terphenyl-d14	10.569	244	184016	48.04	ppm	0.00
Spiked Amount 50.000			Recovery =	96.08%		
Target Compounds						Qvalue

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

Quantitation Report (QT/LSC Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224239.D
Acq On : 28 Jan 2025 9:33 am
Operator : kaleigh
Sample : op61138-mb1 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 28 16:44:00 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration



Manual Integration Approval Summary

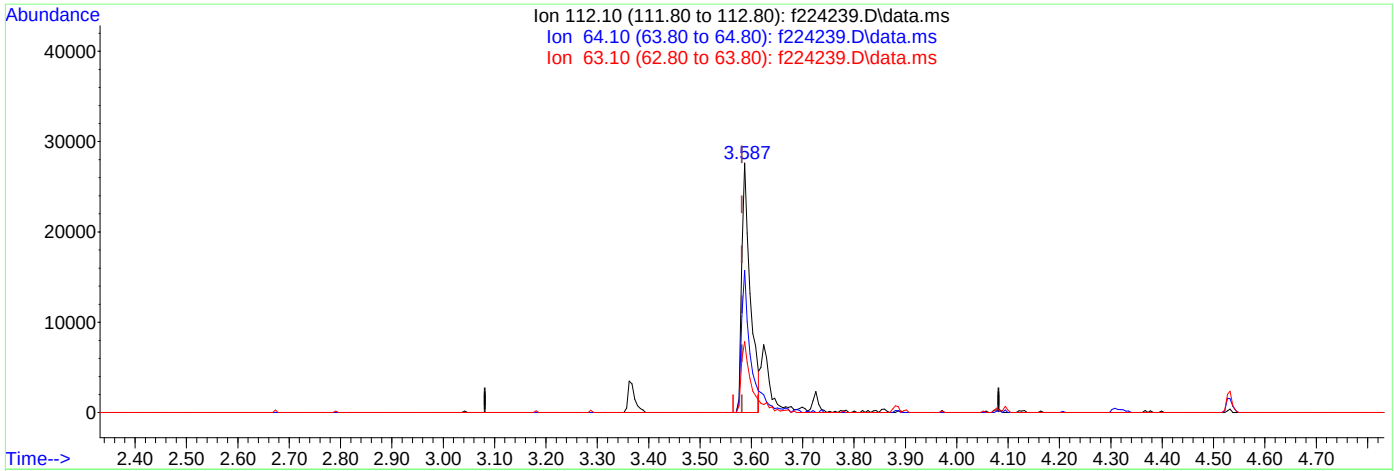
Sample Number: OP61138-MB1
Lab FileID: F224239.D
Injection Time: 01/28/25 09:33
Method: SW846 8270E
Analyst approved: 01/28/25 14:37 Michael Lozano
Supervisor approved: 01/28/25 18:37 Jacky Takeuchi

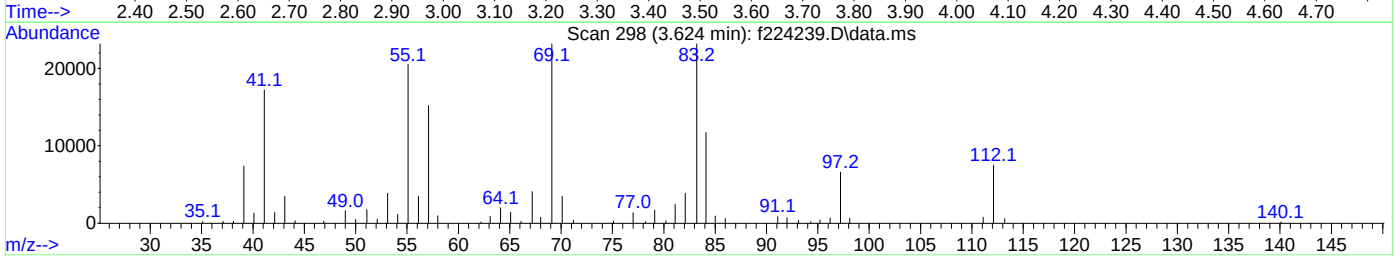
Parameter	CAS	Sig#	R.T. (min.)	Reason
2-Fluorophenol	367-12-4		3.59	Poor instrument integration

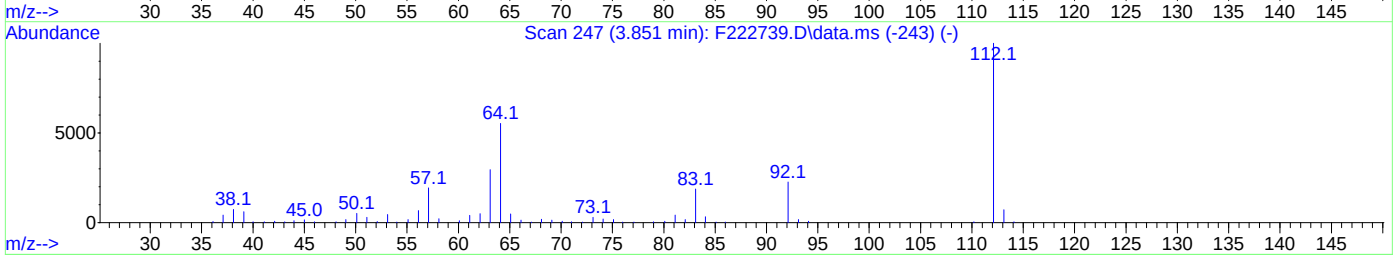
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224239.D
Acq On : 28 Jan 2025 9:33 am
Operator : kaleigh
Sample : op61138-mb1 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 28 16:31:23 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration







TIC: f224239.D\data.ms

(5) 2-Fluorophenol (S)

3.587min (+0.005) 19.14ppm

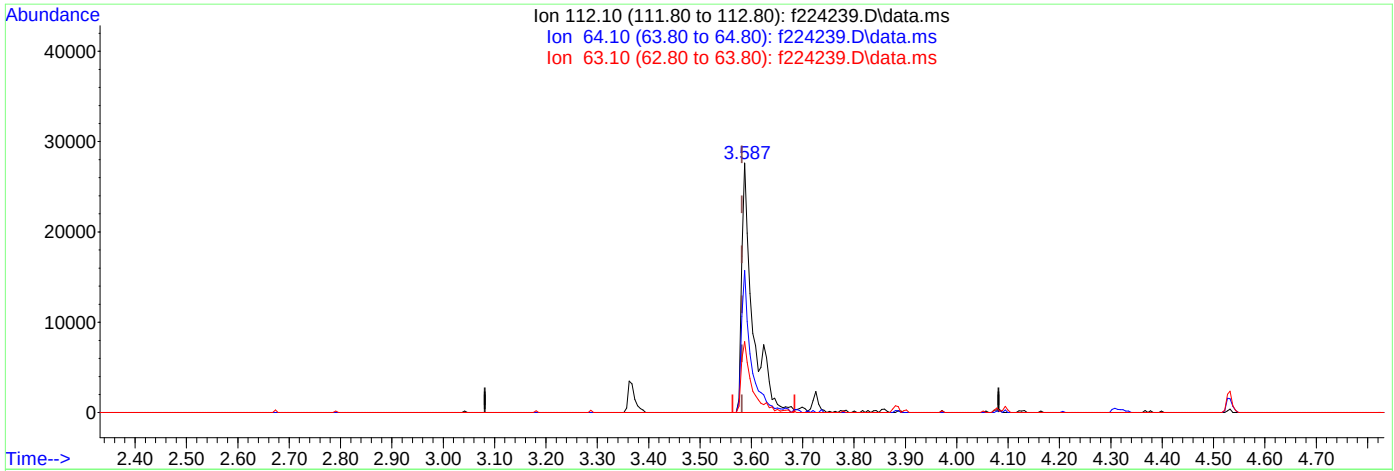
response 32149

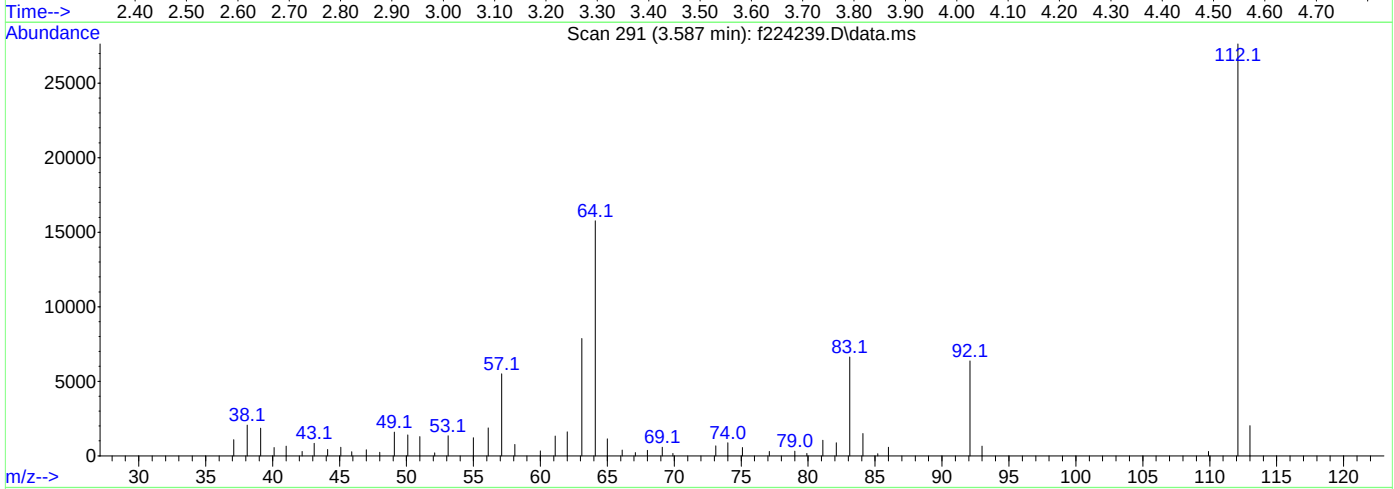
Ion	Exp%	Act%
112.10	100	100
64.10	52.70	57.37
63.10	29.30	28.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224239.D
Acq On : 28 Jan 2025 9:33 am
Operator : kaleigh
Sample : op61138-mb1 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 28 16:44:00 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration





TIC: f224239.D\data.ms

(5) 2-Fluorophenol (S)

3.587min (+0.005) 24.74ppm m

response 41552

Ion	Exp%	Act%
112.10	100	100
64.10	52.70	57.01
63.10	29.30	28.48
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10553.D
Acq On : 27 Jan 2025 06:09 pm
Operator : anthonyo
Sample : op61130-mb1 Inst : GCMSCJ
Misc : op61130,ecj451,30.0,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 28 01:56:17 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

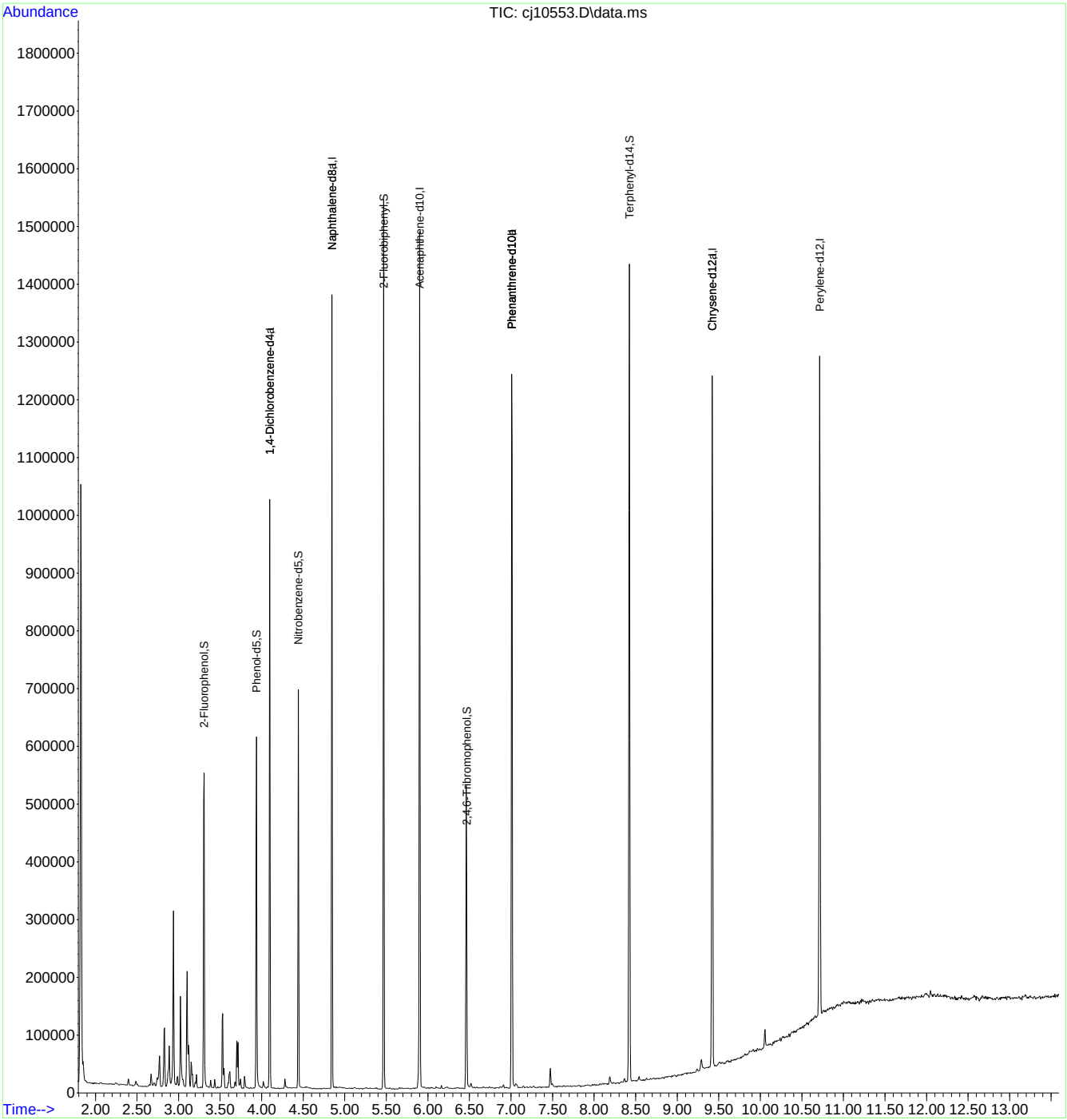
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.098	152	99032	40.00	ppm	0.00
24) Naphthalene-d8	4.847	136	370220	40.00	ppm	0.00
46) Acenaphthene-d10	5.900	164	214477	40.00	ppm	0.00
69) Phenanthrene-d10	7.007	188	384651	40.00	ppm	0.00
84) Chrysene-d12	9.420	240	340950	40.00	ppm	0.00
93) Perylene-d12	10.714	264	341739	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	4.098	152	99032	40.00	ppm	0.00
105) Phenanthrene-d10a	7.007	188	384651	40.00	ppm	0.00
107) Naphthalene-d8a	4.847	136	370220	40.00	ppm	0.00
109) Phenanthrene-d10b	7.007	188	384651	40.00	ppm	0.00
112) Chrysene-d12a	9.420	240	340950	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.306	112	118876	38.95	ppm	0.00
Spiked Amount 50.000			Recovery =	77.90%		
8) Phenol-d5	3.937	99	146929	38.20	ppm	0.00
Spiked Amount 50.000			Recovery =	76.40%		
25) Nitrobenzene-d5	4.440	82	134197	37.47	ppm	0.00
Spiked Amount 50.000			Recovery =	74.94%		
51) 2-Fluorobiphenyl	5.467	172	290599	41.24	ppm	0.00
Spiked Amount 50.000			Recovery =	82.48%		
74) 2,4,6-Tribromophenol	6.467	330	38306	44.42	ppm	0.00
Spiked Amount 50.000			Recovery =	88.84%		
87) Terphenyl-d14	8.425	244	358083	41.87	ppm	0.00
Spiked Amount 50.000			Recovery =	83.74%		
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10553.D
Acq On : 27 Jan 2025 06:09 pm
Operator : anthonyo
Sample : op61130-mb1 Inst : GCMSCJ
Misc : op61130,ecj451,30.0,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 28 01:56:17 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Jacky Takeuchi
01/28/25 18:41

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224240.D
Acq On : 28 Jan 2025 9:59 am
Operator : kaleigh
Sample : op61138-bs1 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 28 16:50:49 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.532	152	65523	40.00	ppm	0.00
24) Naphthalene-d8	5.446	136	238056	40.00	ppm	0.00
46) Acenaphthene-d10	6.781	164	118628	40.00	ppm	0.00
69) Phenanthrene-d10	8.341	188	212660	40.00	ppm	0.00
83) Chrysene-d12	12.124	240	179510	40.00	ppm	0.00
92) Perylene-d12	14.212	264	194757	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.532	152	65523	40.00	ppm	0.00
112) Naphthalene-d8A	5.446	136	238056	40.00	ppm	0.00
121) Acenaphthene-d10A	6.781	164	118628	40.00	ppm	0.00
132) Phenanthrene-d10A	8.341	188	212660	40.00	ppm	0.00
147) Chrysene-d12A	12.124	240	179510	40.00	ppm	0.00
154) Perylene-d12A	14.212	264	194757	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.532	152	65523	40.00	ppm	0.00
159) Phenanthrene-d10b	8.341	188	212660	40.00	ppm	0.00
161) Naphthalene-d8b	5.446	136	238056	40.00	ppm	0.00
163) Naphthalene-d8c	5.446	136	238056	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.532	152	65523	40.00	ppm	0.00
169) Chrysene-d12c	12.124	240	179510	40.00	ppm	0.00
171) Chrysene-d12d	12.124	240	179510	40.00	ppm	0.00
173) Naphthalene-d8d	5.446	136	238056	40.00	ppm	0.00
175) Chrysene-d12e	12.124	240	179510	40.00	ppm	0.00
177) Perylene-d12b	14.212	264	194757	40.00	ppm	0.00
179) Naphthalene-d8e	5.446	136	238056	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.587	112	46064m	26.18	ppm	0.00
Spiked Amount 50.000			Recovery = 52.36%			
8) Phenol-d5	4.297	99	31299	15.30	ppm	0.00
Spiked Amount 50.000			Recovery = 30.60%			
25) Nitrobenzene-d5	4.933	82	90949	53.60	ppm	0.00
Spiked Amount 50.000			Recovery = 107.20%			
51) 2-Fluorobiphenyl	6.226	172	186525	44.85	ppm	0.00
Spiked Amount 50.000			Recovery = 89.70%			
73) 2,4,6-Tribromophenol	7.551	330	20852	40.37	ppm	0.00
Spiked Amount 50.000			Recovery = 80.74%			
86) Terphenyl-d14	10.564	244	164160	39.10	ppm	0.00
Spiked Amount 50.000			Recovery = 78.20%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.155	88	17537	21.1888	ppm	97
3) Pyridine	2.465	79	37059	19.3697	ppm	95
4) N-Nitrosodimethylamine	2.427	42	26381	26.5332	ppm	95
6) Indene	4.714	116	125532	36.4170	ppm	99
7) Cumene	3.939	105	112264	29.7921	ppm	99
9) Phenol	4.308	94	40313	17.6474	ppm	96
10) Aniline	4.303	93	39440	13.6076	ppm	84
11) bis(2-Chloroethyl)ether	4.340	93	86602	48.4106	ppm	93
12) 2-Chlorophenol	4.388	128	75051	38.1395	ppm	88
13) Decane	4.409	43	53297	27.4766	ppm	98
14) 1,3-Dichlorobenzene	4.489	146	71369	30.5436	ppm	100
15) 1,4-Dichlorobenzene	4.543	146	73975	30.9177	ppm	98
16) Benzyl alcohol	4.644	108	42421	35.1017	ppm	96
17) 1,2-Dichlorobenzene	4.650	146	72270	31.5460	ppm	98
18) Acetophenone	4.826	105	120883	42.4134	ppm	95
19) 2-Methylphenol	4.735	108	57524	34.1968	ppm	99
20) 2,2'-oxybis(1-Chloropr...	4.725	121	23036	40.4434	ppm	97
21) 3&4-Methylphenol	4.847	108	107440	60.3340	ppm	99

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224240.D
Acq On : 28 Jan 2025 9:59 am
Operator : kaleigh
Sample : op61138-bs1 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 28 16:50:49 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
22) n-Nitroso-di-n-propyla...	4.826	70	58186	44.7656	ppm		97
23) Hexachloroethane	4.890	201	24227	26.2736	ppm		97
26) Nitrobenzene	4.949	77	91069	49.9859	ppm		97
27) Quinoline	5.707	129	164938	44.4429	ppm		99
28) Isophorone	5.120	82	155205	46.6157	ppm		97
29) 2-Nitrophenol	5.179	139	46652	52.0736	ppm		92
30) 2,4-Dimethylphenol	5.216	107	78804	42.8591	ppm		97
31) Benzoic acid	5.296	105	12740	15.3483	ppm		96
32) bis(2-Chloroethoxy)met...	5.275	93	100696	46.3780	ppm		100
33) 2,4-Dichlorophenol	5.366	162	67048	41.1995	ppm		99
34) 2,6-Dichlorophenol	5.510	162	70525	42.3612	ppm		99
35) 1,3,5-Trichlorobenzene	5.179	180	61492	29.0653	ppm		96
36) 1,2,4-Trichlorobenzene	5.403	180	61294	31.1392	ppm		94
37) 1,2,3-Trichlorobenzene	5.563	180	64107	31.9967	ppm		99
38) Naphthalene	5.462	128	223972	39.0108	ppm		100
39) 4-Chloroaniline	5.510	127	70396	29.5387	ppm		93
40) 2,3-Dichloroaniline	6.167	161	78920	39.9784	ppm		98
42) Hexachlorobutadiene	5.542	225	32759	25.9679	ppm		96
43) 4-Chloro-3-methylphenol	5.868	107	63321	43.1783	ppm		95
44) 2-Methylnaphthalene	5.953	141	131863	38.1678	ppm		97
45) 1-Methylnaphthalene	6.028	142	137633	38.1700	ppm		98
47) Hexachlorocyclopentadiene	6.065	237	71058	61.3006	ppm		99
48) 1,2,4,5-tetrachloroben...	6.076	216	69878	35.1157	ppm		99
49) 2,4,6-Trichlorophenol	6.172	196	49558	42.9593	ppm		96
50) 2,4,5-Trichlorophenol	6.220	196	56094	42.4715	ppm		98
52) 2-Chloronaphthalene	6.322	162	143516	40.1058	ppm		100
53) Biphenyl	6.306	154	188137	40.9595	ppm		99
54) 2-Nitroaniline	6.413	65	47187	58.5808	ppm		96
55) Dimethylphthalate	6.552	163	175777	44.7887	ppm		99
56) Acenaphthylene	6.664	152	227659	45.9933	ppm		98
57) 2,6-Dinitrotoluene	6.610	165	37505	50.1749	ppm		95
58) 3-Nitroaniline	6.765	138	39948	46.6626	ppm		94
59) Acenaphthene	6.813	153	162691	42.6503	ppm		97
60) 2,4-Dinitrophenol	6.861	184	41636	103.5070	ppm		100
61) 4-Nitrophenol	6.974	109	8830	17.9700	ppm	#	1
62) Dibenzofuran	6.968	168	219937	41.5493	ppm		97
63) 2,4-Dinitrotoluene	6.968	165	51775	49.4724	ppm		68
64) 2,3,4,6-Tetrachlorophenol	7.096	232	40847	40.1066	ppm		96
65) Diethylphthalate	7.187	149	194252	47.0978	ppm		98
66) Fluorene	7.299	166	177912	43.4546	ppm		97
67) 4-Chlorophenyl-phenyle...	7.299	204	82482	37.1268	ppm		98
68) 4-Nitroaniline	7.342	138	38463	42.1541	ppm		94
70) 4,6-Dinitro-2-methylph...	7.369	198	28280	58.1518	ppm		96
71) n-Nitrosodiphenylamine	7.422	169	151694	48.4618	ppm		95
72) 1,2-Diphenylhydrazine	7.460	77	182877	55.2682	ppm		94
74) 4-Bromophenyl-phenylether	7.818	248	44132	38.7559	ppm		90
75) Hexachlorobenzene	7.882	284	46325	37.9072	ppm		88
76) Pentachlorophenol	8.128	266	58842	75.7015	ppm		100
77) Phenanthrene	8.368	178	253069	44.7776	ppm		98
78) Anthracene	8.432	178	253717	45.6604	ppm		99
79) Carbazole	8.656	167	241120	47.3442	ppm		99
80) Di-n-butylphthalate	9.148	149	325632	54.1501	ppm		99
81) Fluoranthene	9.960	202	279730	45.7667	ppm		98
82) Octadecane	8.234	57	111714	58.5051	ppm		98
85) Pyrene	10.280	202	295185	49.7611	ppm		98
87) Butylbenzylphthalate	11.354	149	139127	60.2157	ppm		97
88) Benzo[a]anthracene	12.108	228	245141	45.9505	ppm		98
89) 3,3'-Dichlorobenzidine	12.124	252	76821	40.4730	ppm		97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224240.D
Acq On : 28 Jan 2025 9:59 am
Operator : kaleigh
Sample : op61138-bs1 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 28 16:50:49 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration

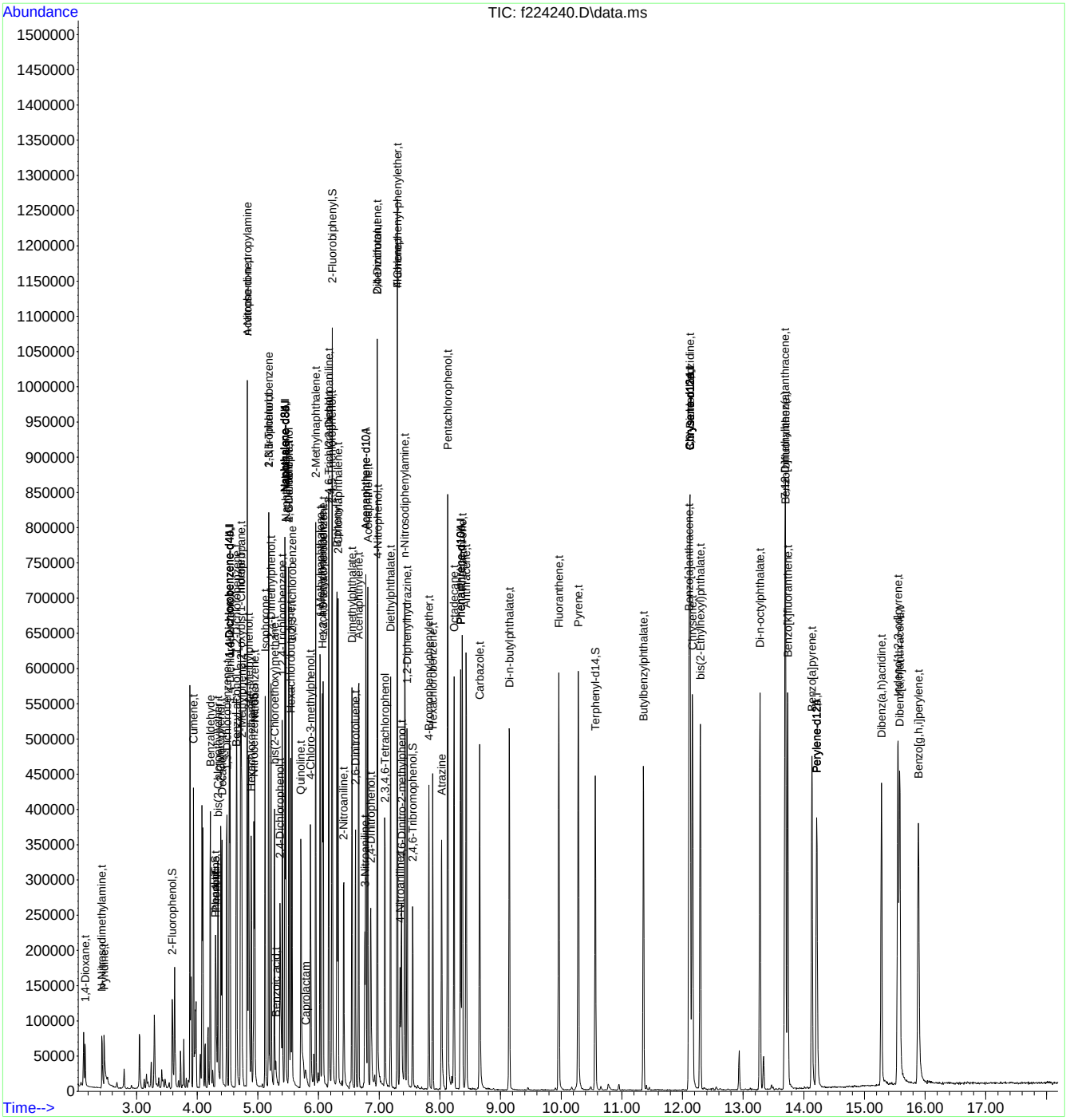
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Chrysene	12.161	228	253060	44.5270	ppm	97
91) bis(2-Ethylhexyl)phtha...	12.294	149	212002	58.0360	ppm	98
93) Di-n-octylphthalate	13.277	149	359908	58.9860	ppm	98
94) Benzo[b]fluoranthene	13.700	252	264086	47.8706	ppm	98
95) Benzo[k]fluoranthene	13.737	252	253318	45.5060	ppm	97
96) Benzo[a]pyrene	14.132	252	220625	48.2741	ppm	98
97) Indeno[1,2,3-cd]pyrene	15.553	276	248153	47.4979	ppm	87
98) Dibenz(a,h)acridine	15.281	279	191939	46.5634	ppm	98
99) Dibenz[a,h]anthracene	15.580	278	233974	48.4922	ppm	97
100) 7,12-Dimethylbenz(a)an...	13.689	256	98883	41.2232	ppm	98
101) Benzo[g,h,i]perylene	15.890	276	228074	49.2490	ppm	96
158) Benzaldehyde	4.217	105	62037	33.0688	ppm	99
160) Atrazine	8.031	200	46223	45.8036	ppm	89
162) Caprolactam	5.788	55	7450	9.0642	ppm	86

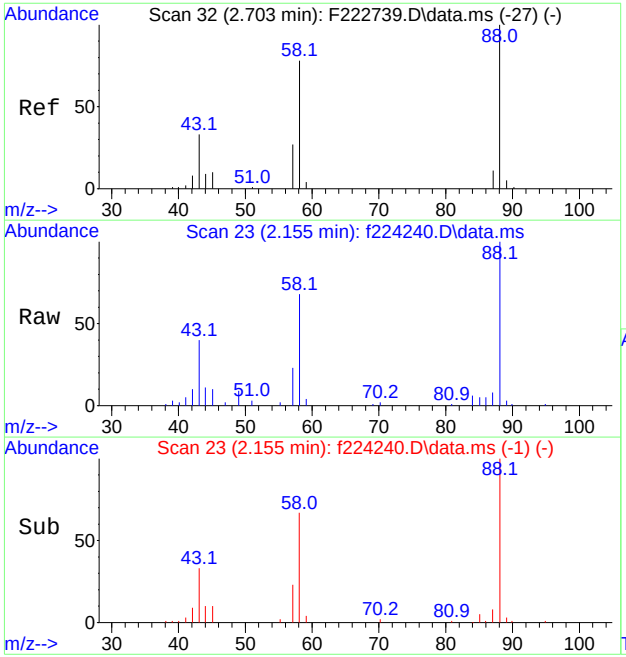
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224240.D
Acq On : 28 Jan 2025 9:59 am
Operator : kaleigh
Sample : op61138-bs1 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 28 16:50:49 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
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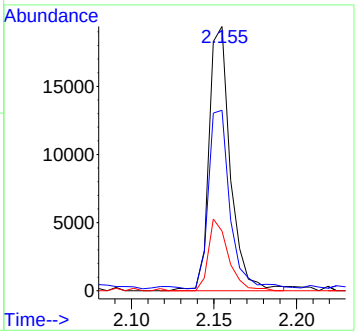


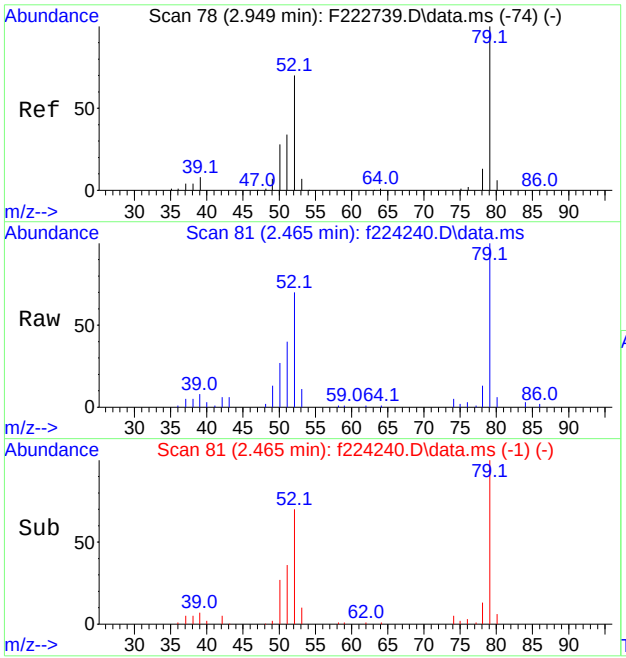


#2
1,4-Dioxane
Concen: 21.1888 ppm
RT: 2.155 min Scan# 23
Delta R.T. 0.011 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 88 Resp: 17537

Ion	Ratio	Lower	Upper
88	100		
58	67.2	35.8	95.8
57	22.4	0.0	55.0

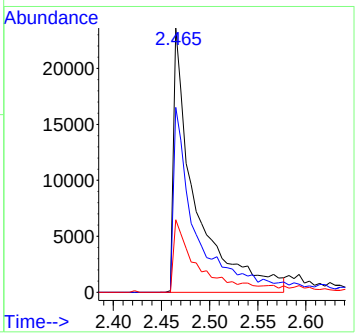


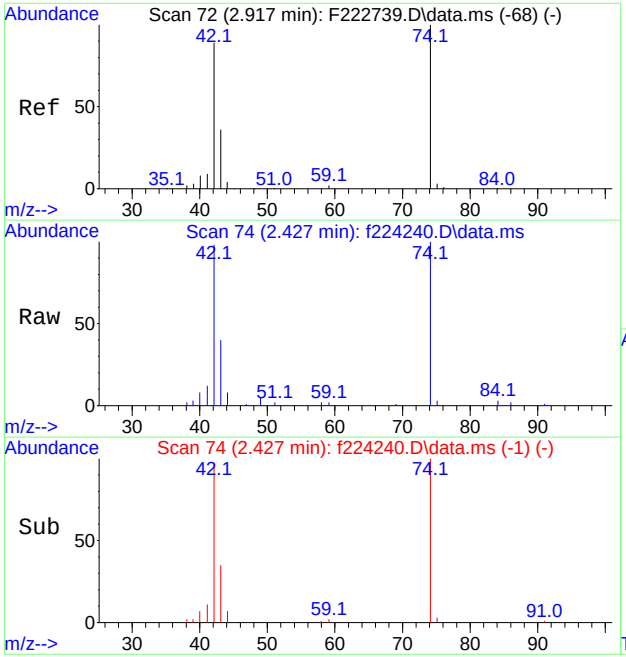


#3
Pyridine
Concen: 19.3697 ppm
RT: 2.465 min Scan# 81
Delta R.T. 0.011 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 79 Resp: 37059

Ion	Ratio	Lower	Upper
79	100		
52	70.0	36.6	96.6
50	27.0	1.4	61.4

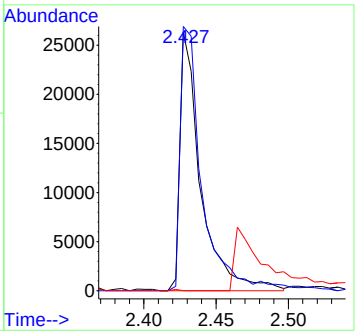


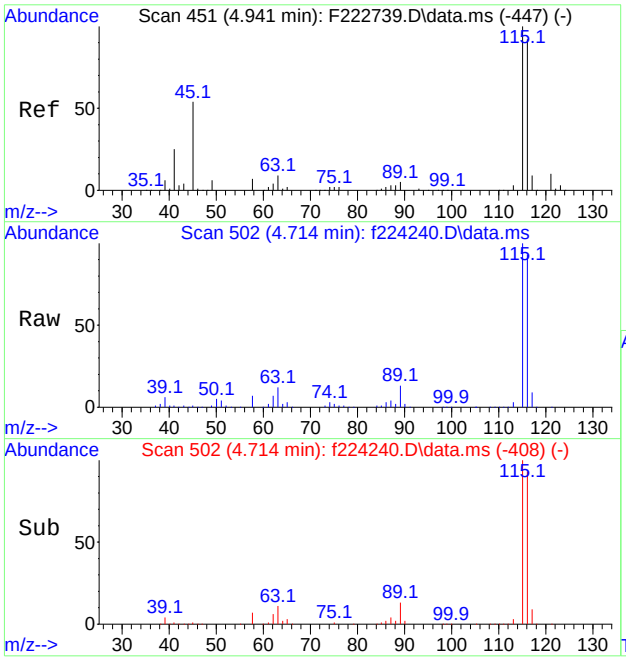


#4
N-Nitrosodimethylamine
Concen: 26.5332 ppm
RT: 2.427 min Scan# 74
Delta R.T. 0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 42 Resp: 26381

Ion	Ratio	Lower	Upper
42	100		
74	101.7	77.0	137.0
50	0.0	0.0	30.0

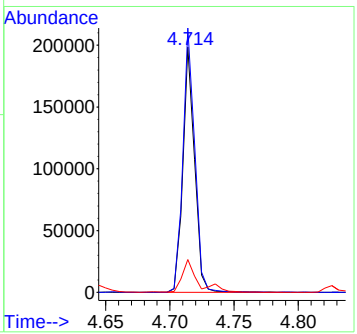


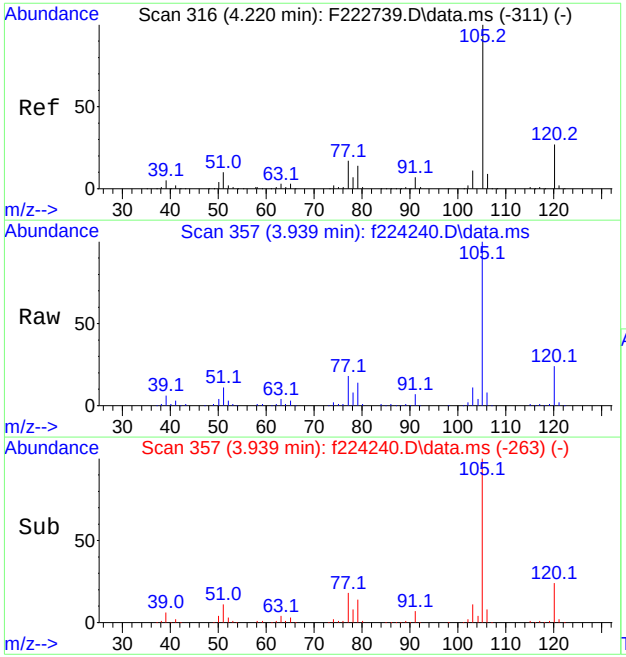


#6
Indene
Concen: 36.4170 ppm
RT: 4.714 min Scan# 502
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:116 Resp: 125532

Ion	Ratio	Lower	Upper
116	100		
115	107.7	76.6	136.6
63	13.4	0.0	43.8

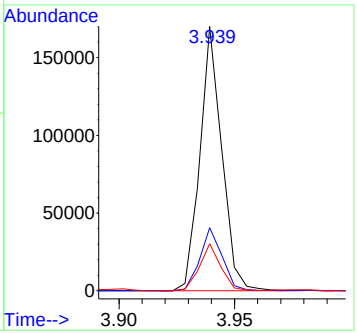


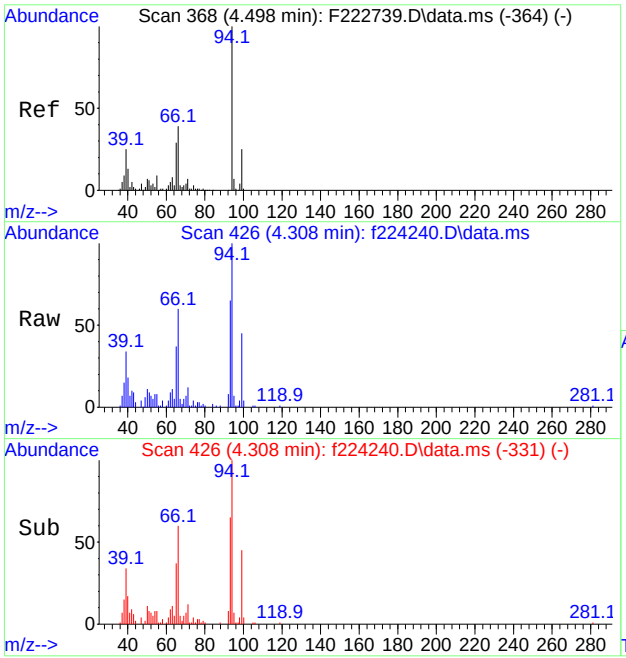


#7
Cumene
Concen: 29.7921 ppm
RT: 3.939 min Scan# 357
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:105 Resp: 112264

Ion	Ratio	Lower	Upper
105	100		
120	23.9	0.0	54.5
77	17.6	0.0	47.2

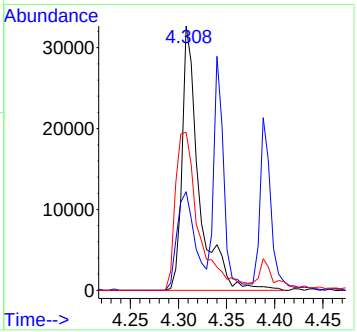




#9
Phenol
Concen: 17.6474 ppm
RT: 4.308 min Scan# 426
Delta R.T. 0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

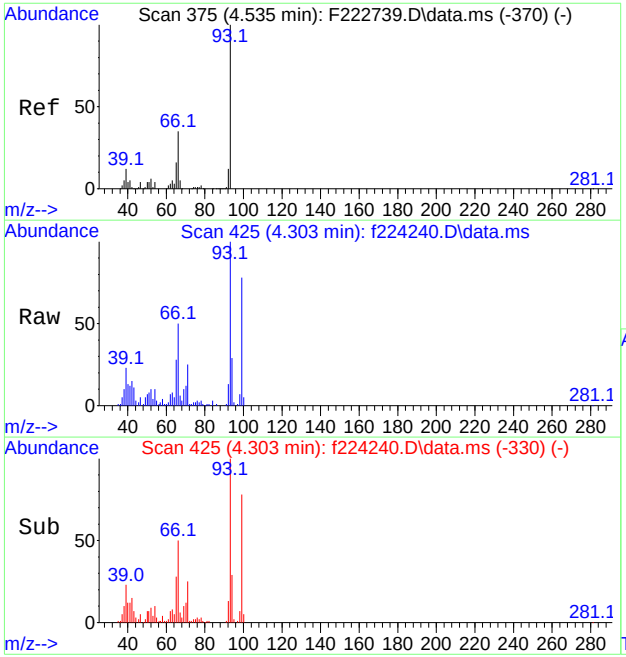
Tgt Ion: 94 Resp: 40313

Ion	Ratio	Lower	Upper
94	100		
65	35.6	4.2	64.2
66	58.2	24.4	84.4



7.3.1

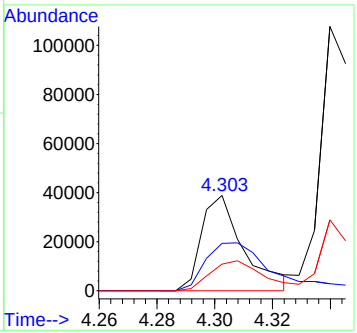
7

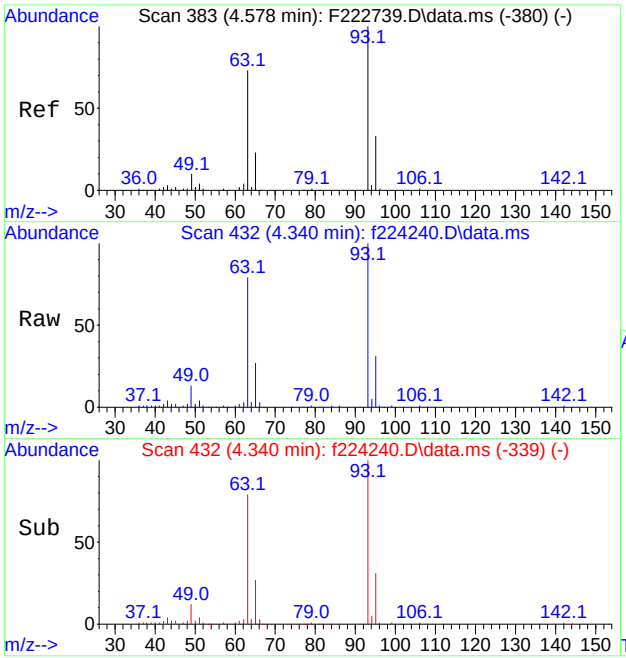


#10
Aniline
Concen: 13.6076 ppm
RT: 4.303 min Scan# 425
Delta R.T. 0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 93 Resp: 39440

Ion	Ratio	Lower	Upper
93	100		
66	45.7	27.8	87.8
65	25.9	5.6	65.6

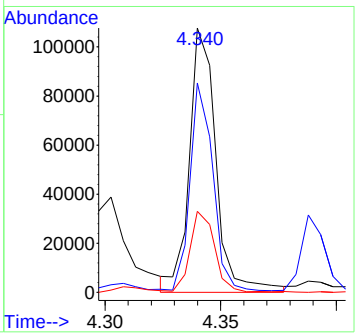


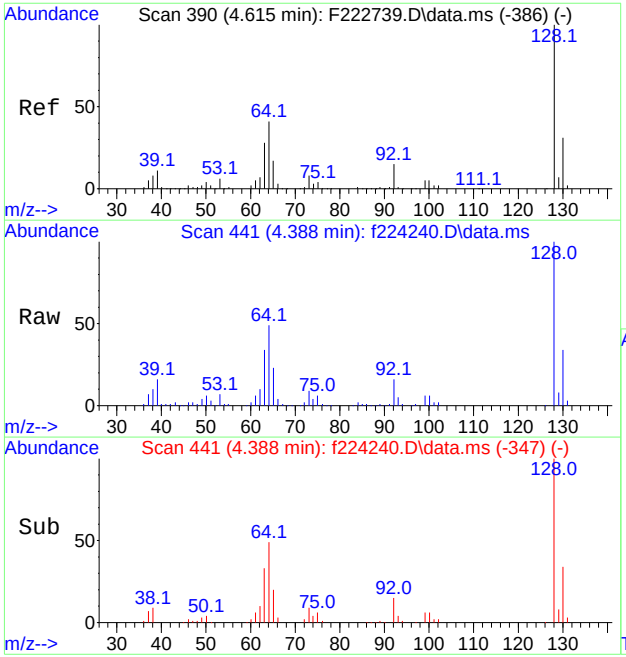


#11
bis(2-Chloroethyl)ether
Concen: 48.4106 ppm
RT: 4.340 min Scan# 432
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 93 Resp: 86602

Ion	Ratio	Lower	Upper
93	100		
63	81.6	43.9	103.9
95	31.5	2.9	62.9

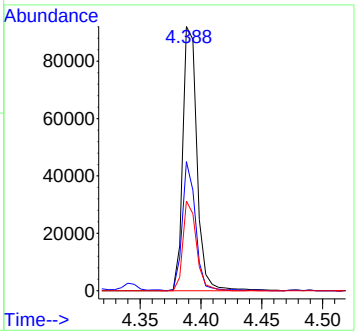


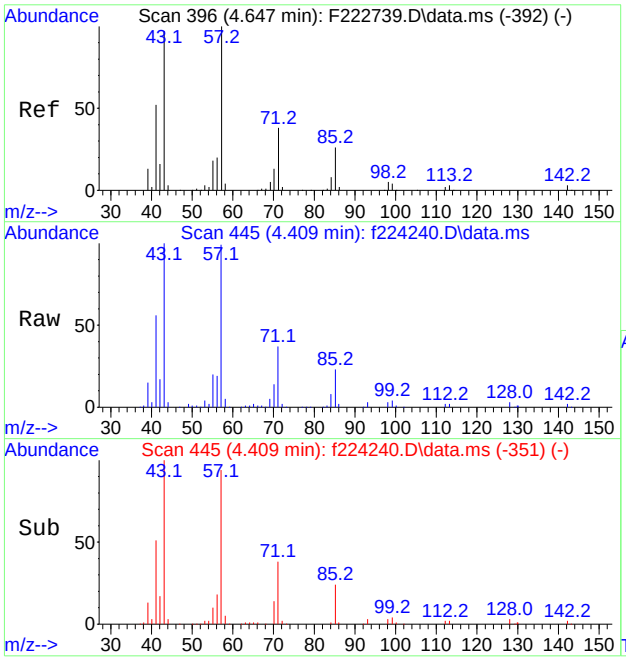


#12
2-Chlorophenol
Concen: 38.1395 ppm
RT: 4.388 min Scan# 441
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:128 Resp: 75051

Ion	Ratio	Lower	Upper
128	100		
64	48.7	9.8	69.8
130	33.9	0.0	59.8

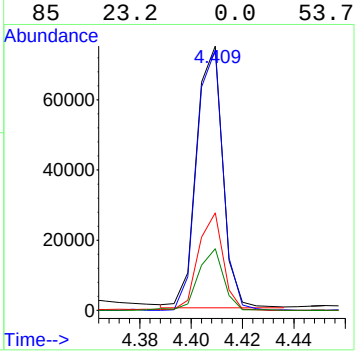


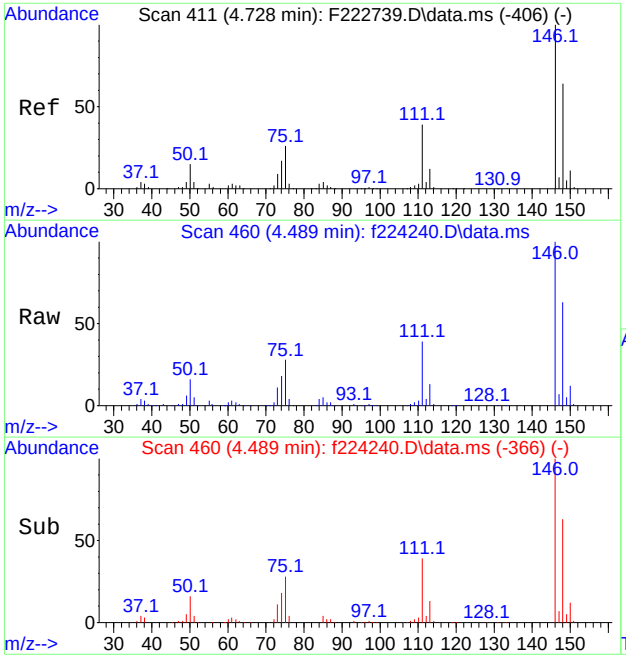


#13
Decane
Concen: 27.4766 ppm
RT: 4.409 min Scan# 445
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 43 Resp: 53297

Ion	Ratio	Lower	Upper
43	100		
57	100.1	72.5	132.5
71	37.3	5.7	65.7
85	23.2	0.0	53.7

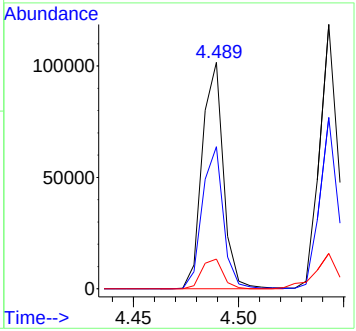


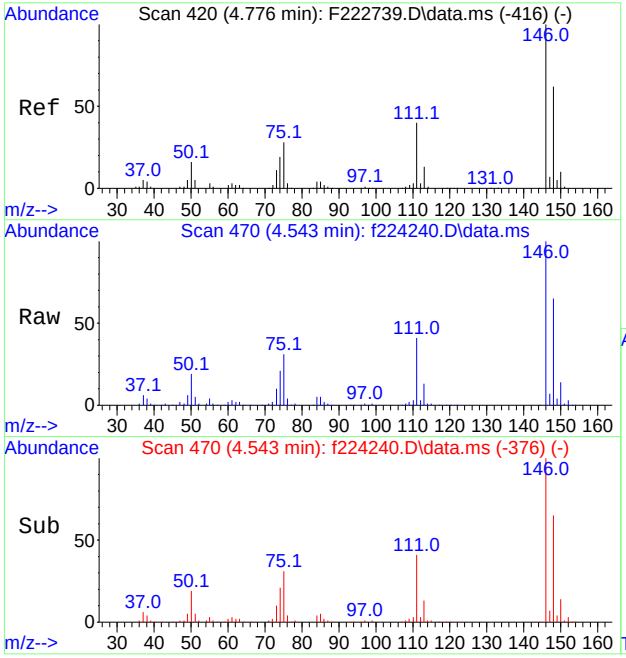


#14
1,3-Dichlorobenzene
Concen: 30.5436 ppm
RT: 4.489 min Scan# 460
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:146 Resp: 71369

Ion	Ratio	Lower	Upper
146	100		
148	62.9	32.7	92.7
113	12.9	0.0	42.3

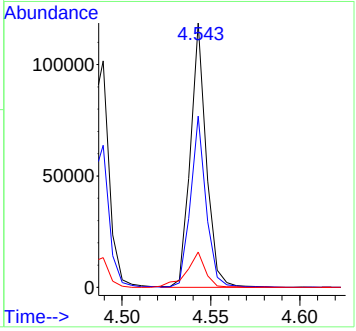


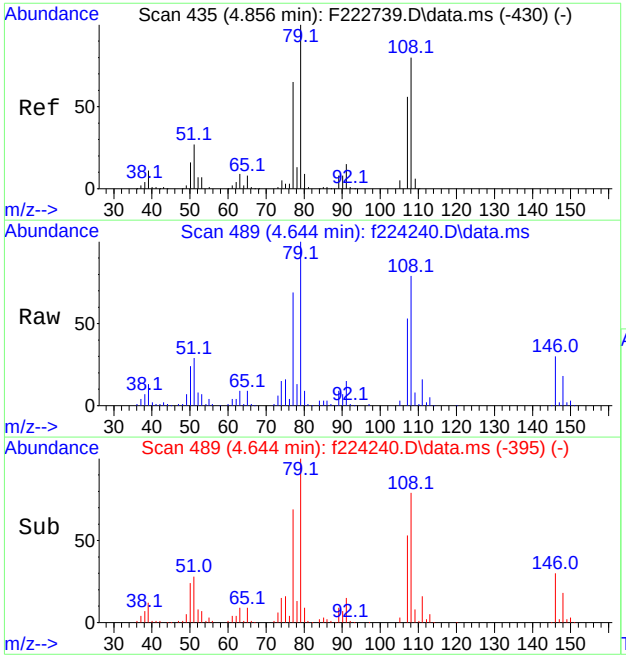


#15
1,4-Dichlorobenzene
Concen: 30.9177 ppm
RT: 4.543 min Scan# 470
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:146 Resp: 73975

Ion	Ratio	Lower	Upper
146	100		
148	64.8	33.1	93.1
113	13.2	0.0	43.1

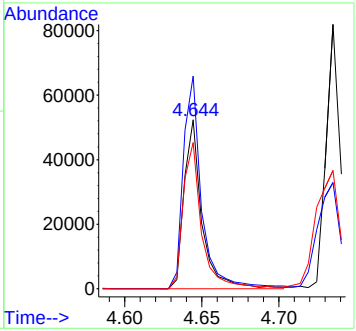


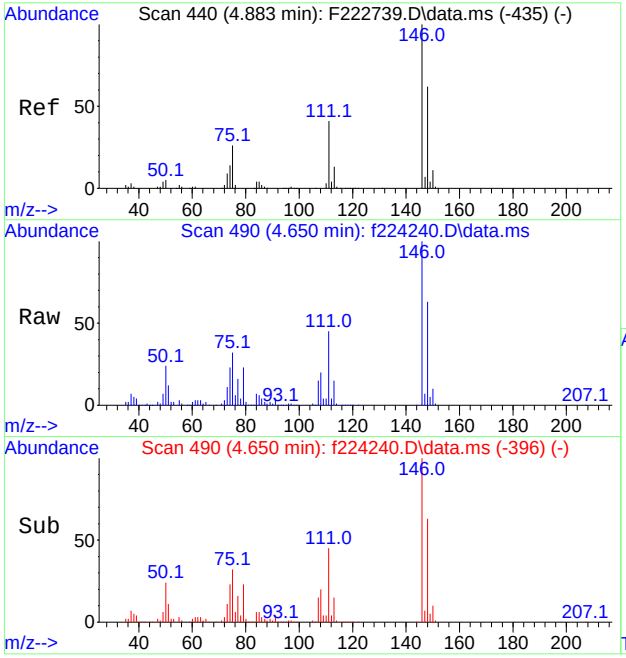


#16
Benzyl alcohol
Concen: 35.1017 ppm
RT: 4.644 min Scan# 489
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:108 Resp: 42421

Ion	Ratio	Lower	Upper
108	100		
79	125.6	92.2	152.2
77	86.5	52.5	112.5

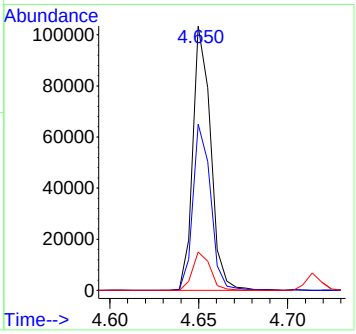


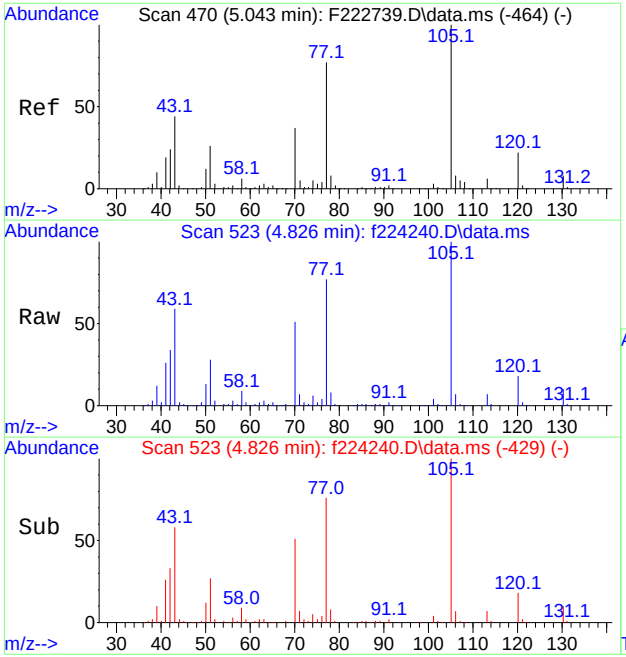


#17
1,2-Dichlorobenzene
Concen: 31.5460 ppm
RT: 4.650 min Scan# 490
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:146 Resp: 72270

Ion	Ratio	Lower	Upper
146	100		
148	62.8	31.7	91.7
113	14.5	0.0	43.7

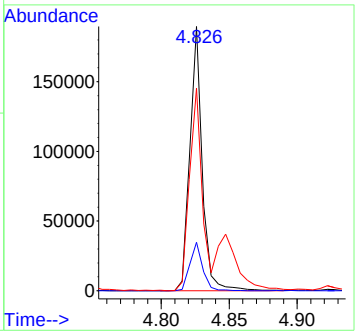


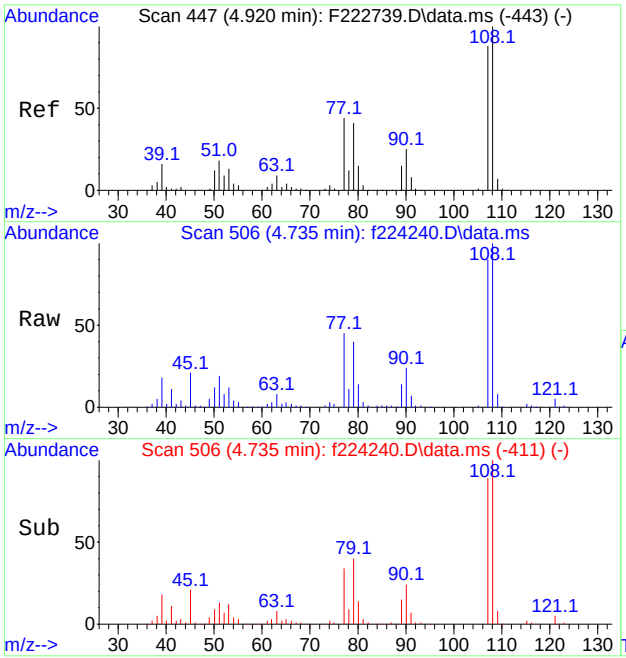


#18
Acetophenone
Concen: 42.4134 ppm
RT: 4.826 min Scan# 523
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:105 Resp: 120883

Ion	Ratio	Lower	Upper
105	100		
120	18.4	0.0	49.3
77	76.2	51.3	111.3

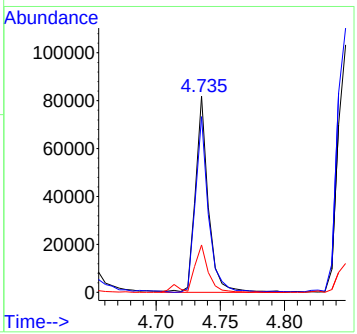


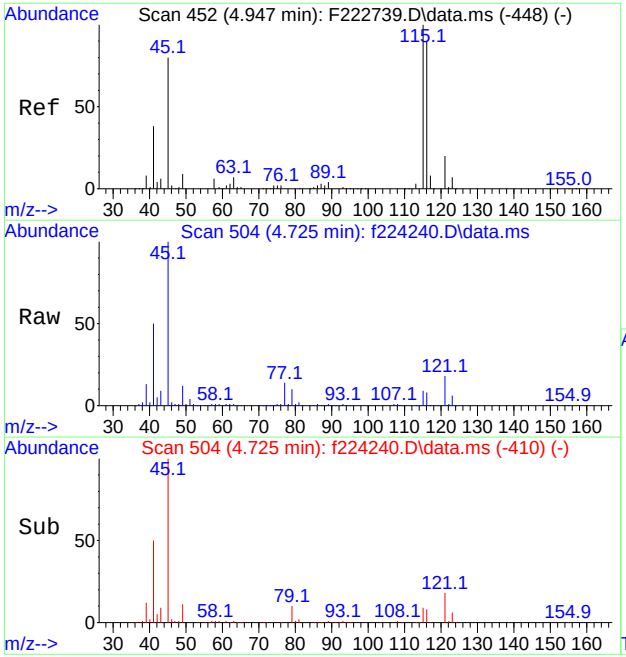


#19
2-Methylphenol
Concen: 34.1968 ppm
RT: 4.735 min Scan# 506
Delta R.T. 0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:108 Resp: 57524

Ion	Ratio	Lower	Upper
108	100		
107	89.2	58.9	118.9
90	24.2	0.0	56.1

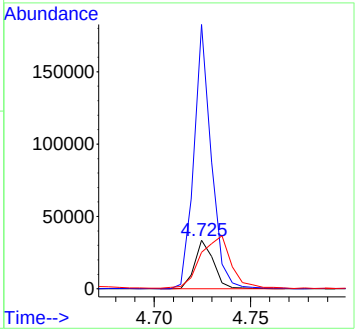


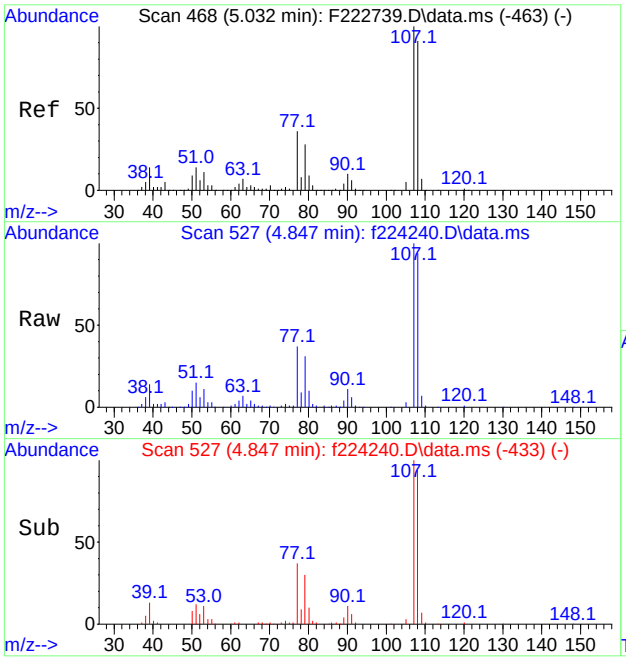


#20
2,2'-oxybis(1-Chloropropane
Concen: 40.4434 ppm
RT: 4.725 min Scan# 504
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:121 Resp: 23036

Ion	Ratio	Lower	Upper
121	100		
45	542.7	513.2	573.2
77	73.4	62.1	122.1

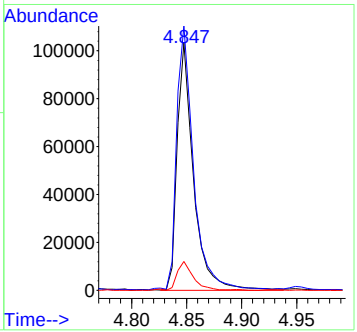


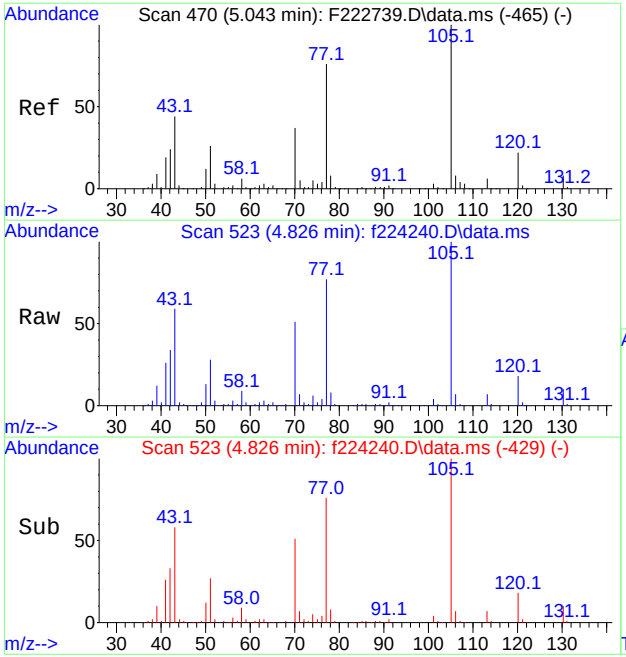


#21
3&4-Methylphenol
Concen: 60.3340 ppm
RT: 4.847 min Scan# 527
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:108 Resp: 107440

Ion	Ratio	Lower	Upper
108	100		
107	106.4	77.4	137.4
90	11.3	0.0	41.3

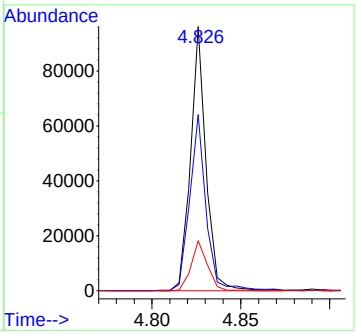


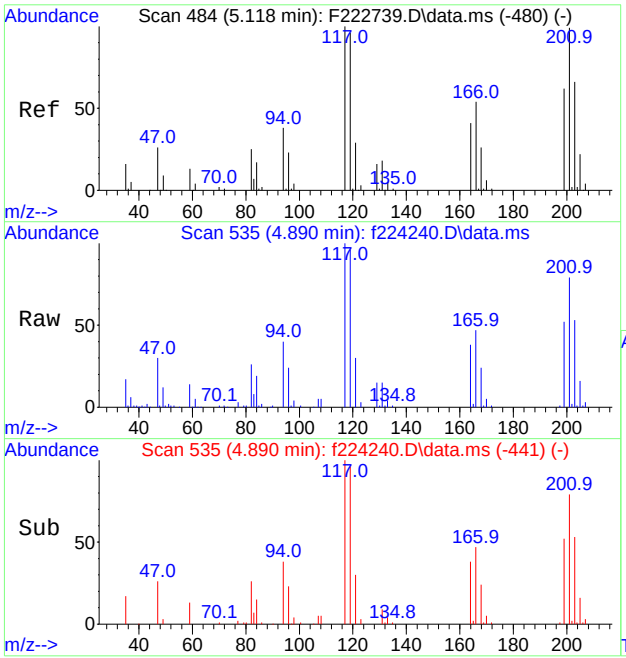


#22
n-Nitroso-di-n-propylamine
Concen: 44.7656 ppm
RT: 4.826 min Scan# 523
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 70 Resp: 58186

Ion	Ratio	Lower	Upper
70	100		
42	66.5	48.1	89.3
130	19.0	12.1	22.5

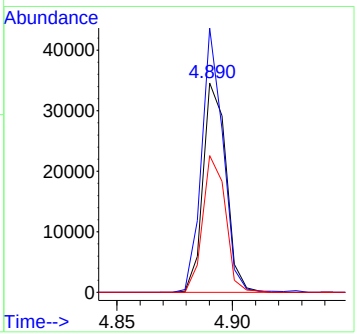


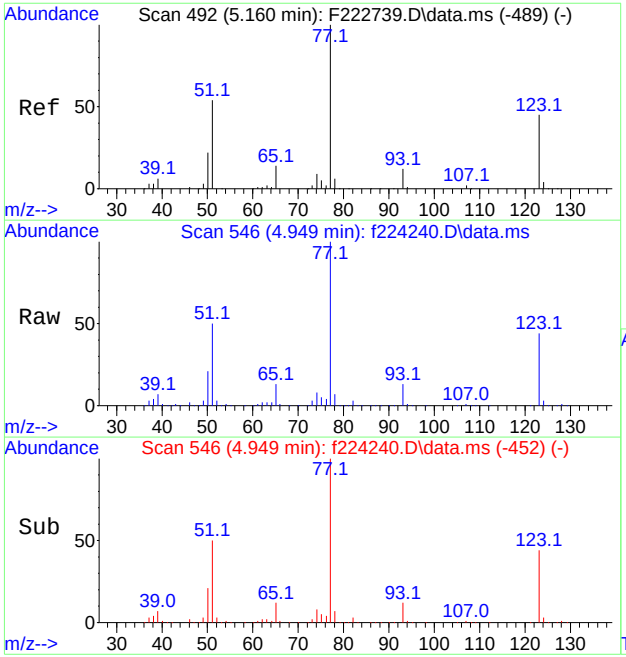


#23
Hexachloroethane
Concen: 26.2736 ppm
RT: 4.890 min Scan# 535
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:201 Resp: 24227

Ion	Ratio	Lower	Upper
201	100		
117	126.0	98.1	158.1
199	65.3	31.6	91.6

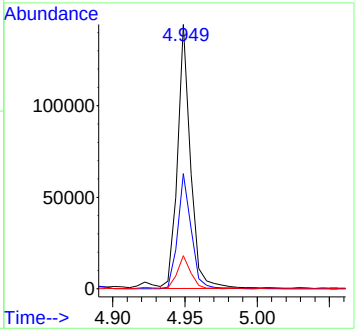


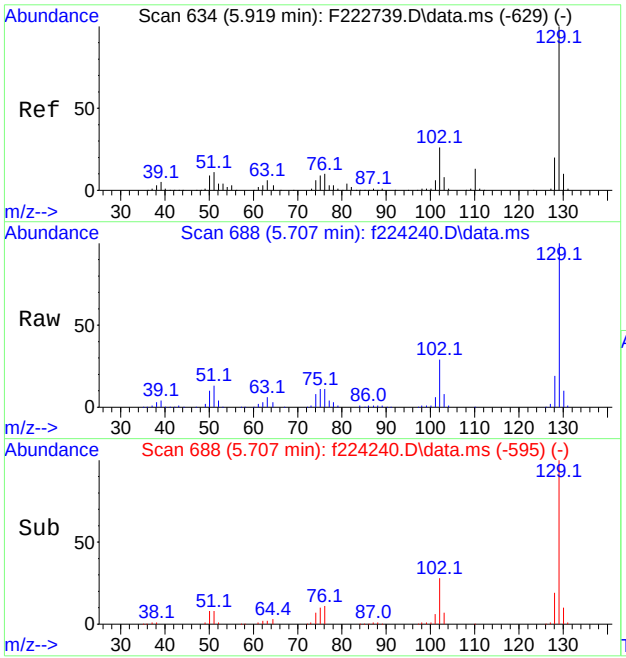


#26
Nitrobenzene
Concen: 49.9859 ppm
RT: 4.949 min Scan# 546
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 77 Resp: 91069

Ion	Ratio	Lower	Upper
77	100		
123	43.9	12.2	72.2
65	12.5	0.0	44.0

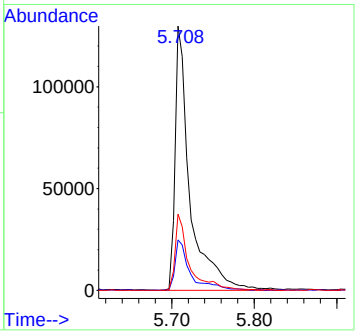


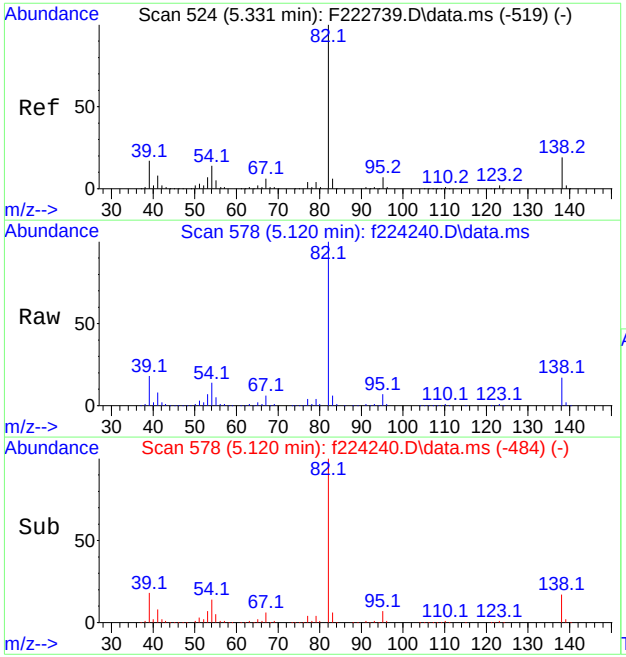


#27
Quinoline
Concen: 44.4429 ppm
RT: 5.707 min Scan# 688
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:129 Resp: 164938

Ion	Ratio	Lower	Upper
129	100		
128	19.1	0.0	49.2
102	28.9	0.0	57.9

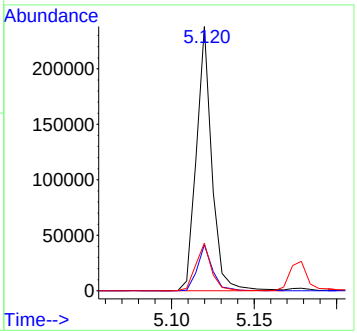


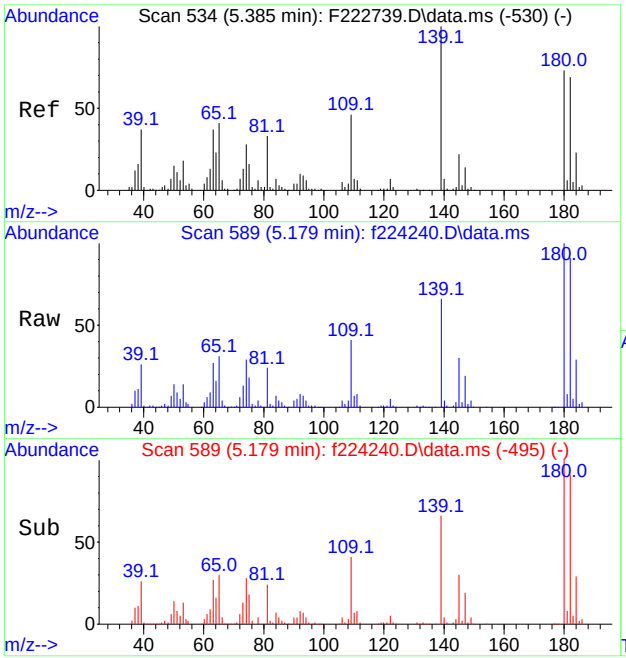


#28
Isophorone
Concen: 46.6157 ppm
RT: 5.120 min Scan# 578
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 82 Resp: 155205

Ion	Ratio	Lower	Upper
82	100		
138	17.4	0.0	45.5
39	17.4	0.0	48.5

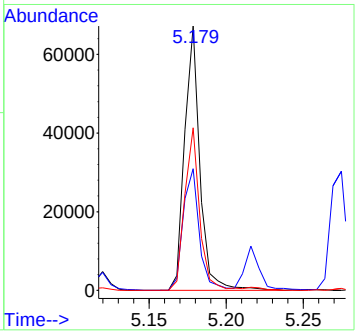


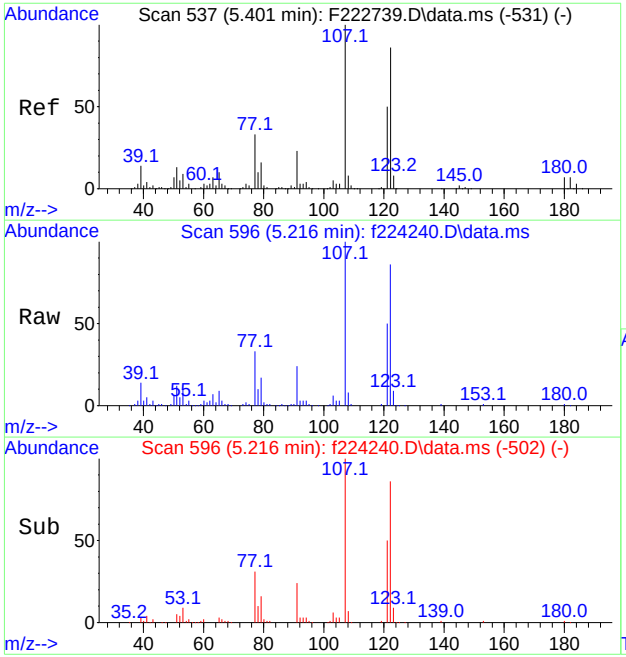


#29
2-Nitrophenol
Concen: 52.0736 ppm
RT: 5.179 min Scan# 589
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:139 Resp: 46652

Ion	Ratio	Lower	Upper
139	100		
65	45.7	15.5	75.5
109	61.5	42.7	102.7

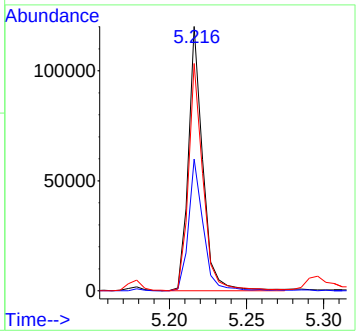


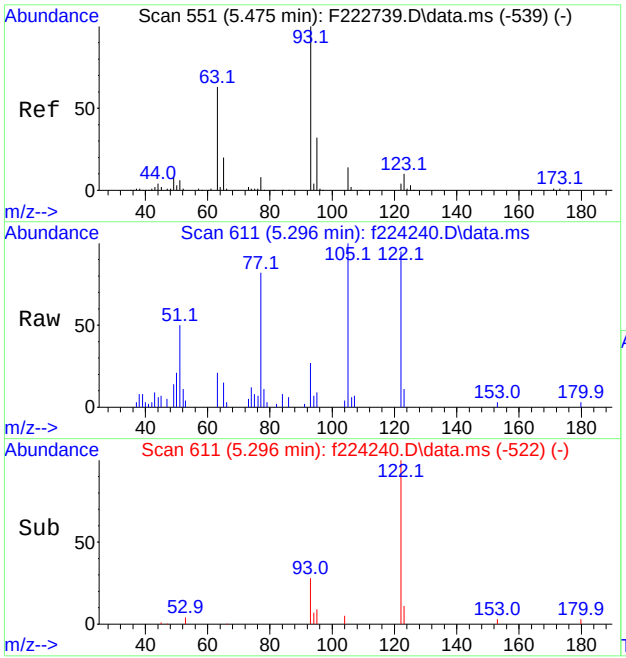


#30
2,4-Dimethylphenol
Concen: 42.8591 ppm
RT: 5.216 min Scan# 596
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:107 Resp: 78804

Ion	Ratio	Lower	Upper
107	100		
121	49.8	19.2	79.2
122	85.9	52.6	112.6

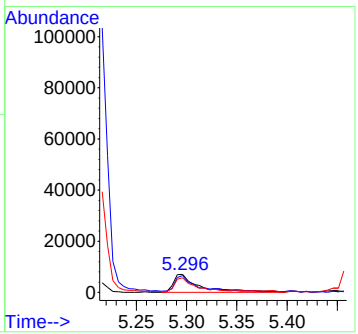


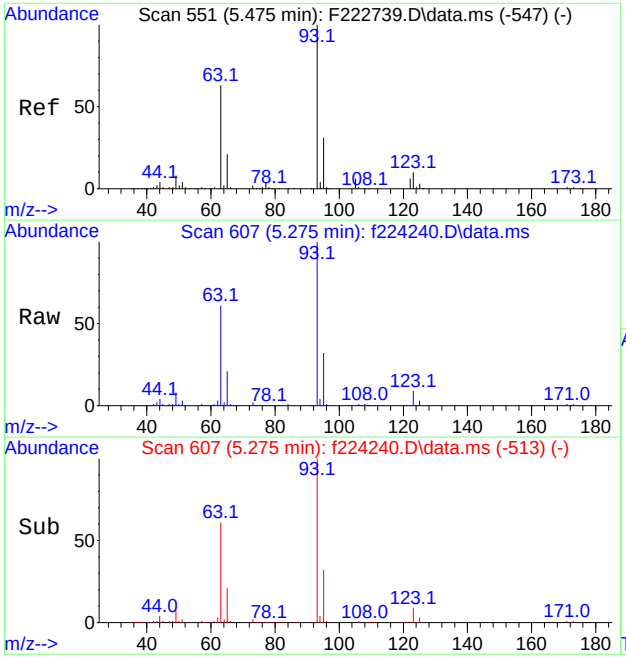


#31
Benzoic acid
Concen: 15.3483 ppm
RT: 5.296 min Scan# 611
Delta R.T. -0.027 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:105 Resp: 12740

Ion	Ratio	Lower	Upper
105	100		
122	89.3	56.0	116.0
77	79.9	46.0	106.0

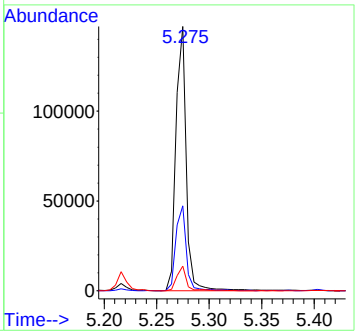


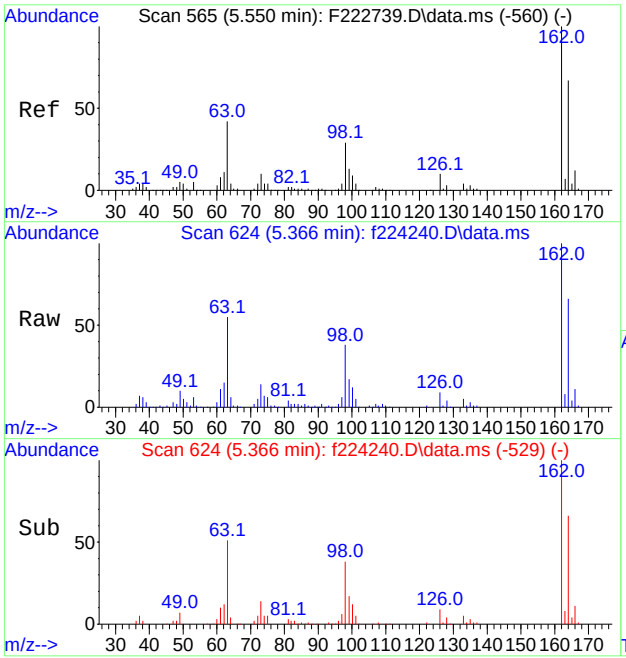


#32
bis(2-Chloroethoxy)methane
Concen: 46.3780 ppm
RT: 5.275 min Scan# 607
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 93 Resp: 100696

Ion	Ratio	Lower	Upper
93	100		
95	32.1	2.1	62.1
123	9.3	0.0	38.6

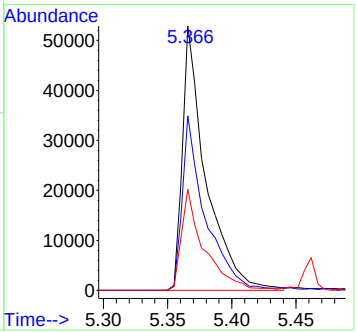


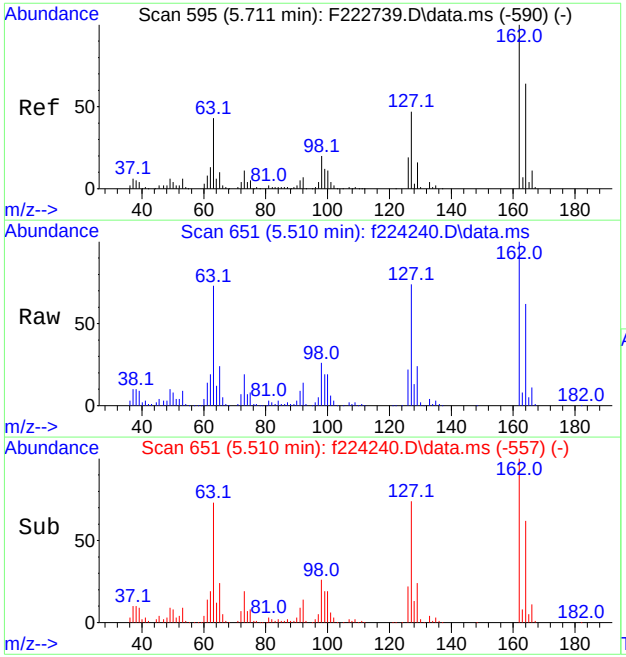


#33
2,4-Dichlorophenol
Concen: 41.1995 ppm
RT: 5.366 min Scan# 624
Delta R.T. 0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:162 Resp: 67048

Ion	Ratio	Lower	Upper
162	100		
164	65.7	35.1	95.1
98	38.0	7.5	67.5

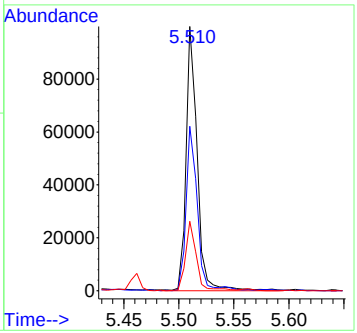


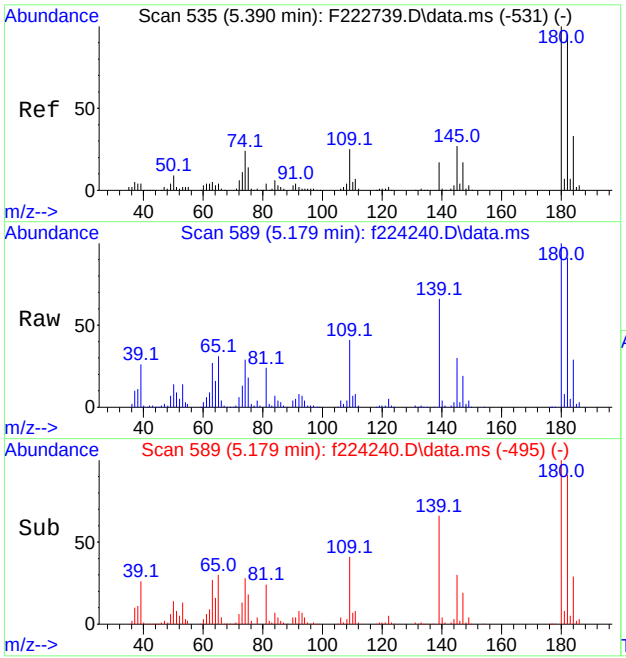


#34
2,6-Dichlorophenol
Concen: 42.3612 ppm
RT: 5.510 min Scan# 651
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:162 Resp: 70525

Ion	Ratio	Lower	Upper
162	100		
164	62.3	32.3	92.3
98	26.0	0.0	58.2

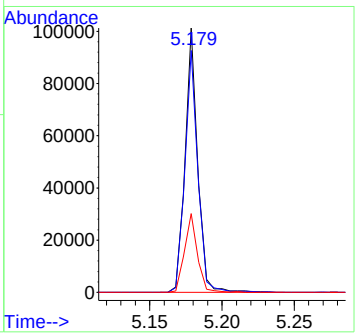


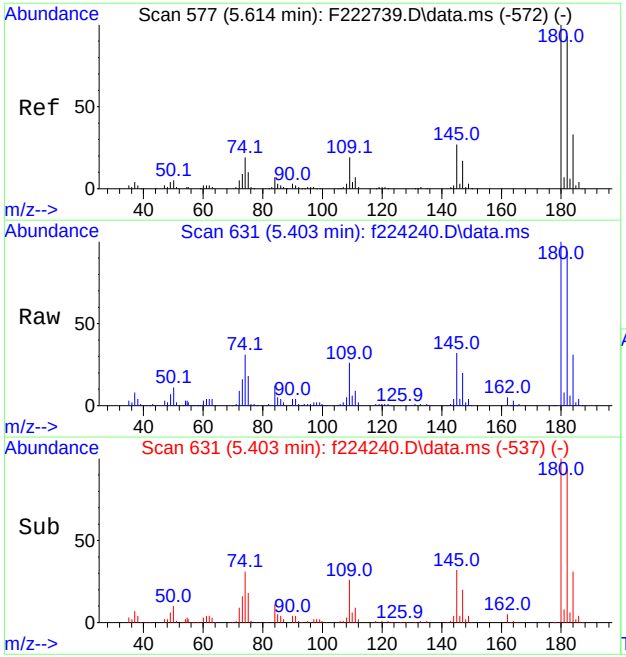


#35
1,3,5-Trichlorobenzene
Concen: 29.0653 ppm
RT: 5.179 min Scan# 589
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:180 Resp: 61492

Ion	Ratio	Lower	Upper
180	100		
182	91.4	64.7	124.7
145	29.8	2.4	62.4

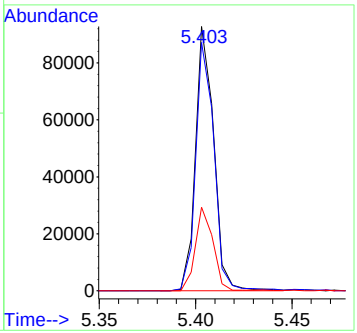


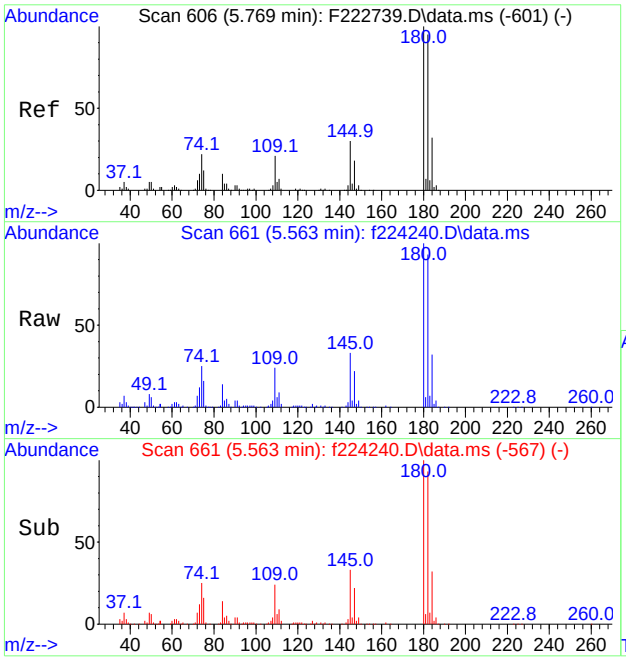


#36
1,2,4-Trichlorobenzene
Concen: 31.1392 ppm
RT: 5.403 min Scan# 631
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:180 Resp: 61294

Ion	Ratio	Lower	Upper
180	100		
182	93.9	70.3	130.3
145	31.6	4.4	64.4

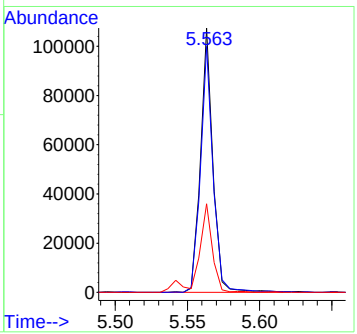


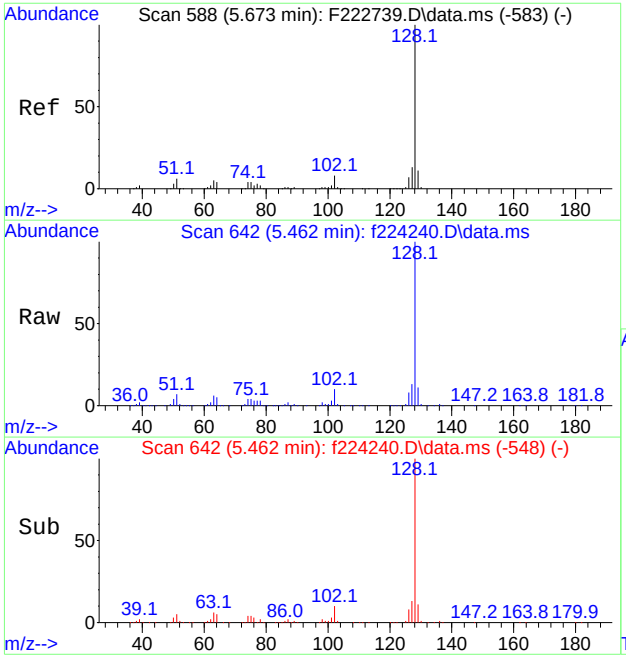


#37
1,2,3-Trichlorobenzene
Concen: 31.9967 ppm
RT: 5.563 min Scan# 661
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:180 Resp: 64107

Ion	Ratio	Lower	Upper
180	100		
182	93.0	64.9	124.9
145	33.5	3.4	63.4

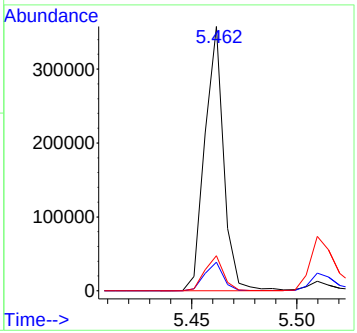


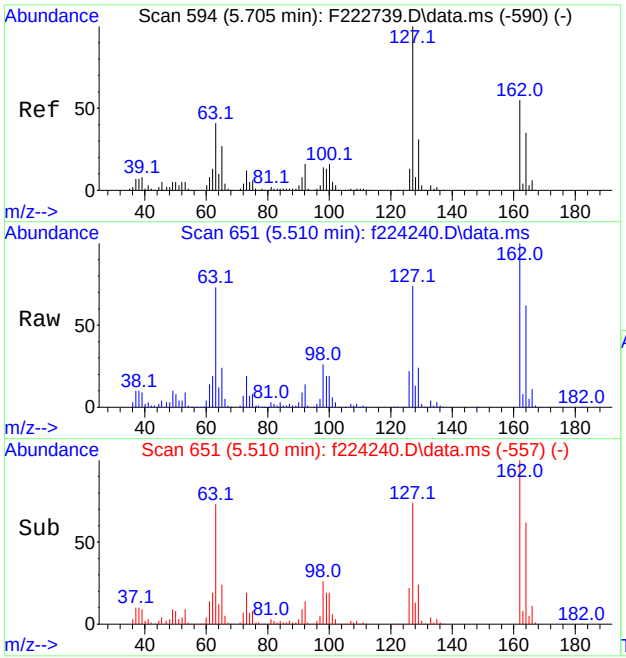


#38
Naphthalene
Concen: 39.0108 ppm
RT: 5.462 min Scan# 642
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:128 Resp: 223972

Ion	Ratio	Lower	Upper
128	100		
129	10.8	0.0	40.7
127	13.2	0.0	43.3

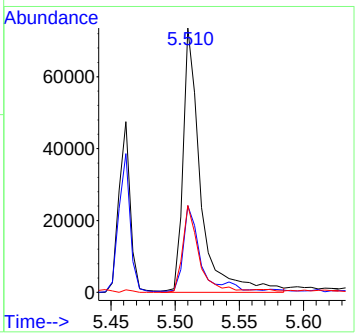


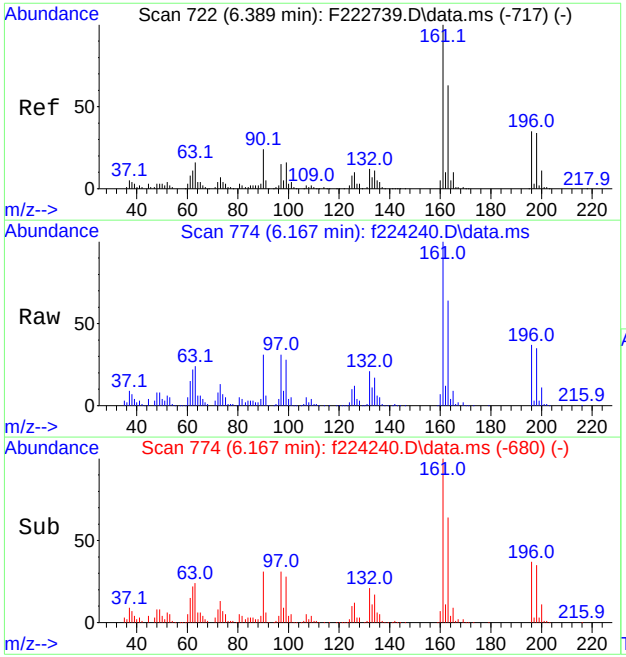


#39
4-Chloroaniline
Concen: 29.5387 ppm
RT: 5.510 min Scan# 651
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:127 Resp: 70396

Ion	Ratio	Lower	Upper
127	100		
129	32.4	0.9	60.9
65	33.0	0.0	56.7

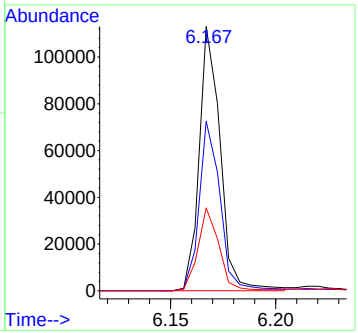


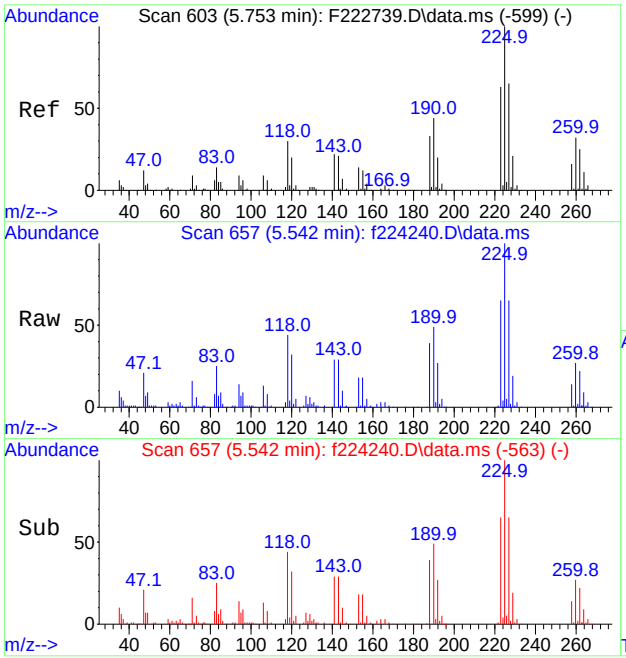


#40
2,3-Dichloroaniline
Concen: 39.9784 ppm
RT: 6.167 min Scan# 774
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:161 Resp: 78920

Ion	Ratio	Lower	Upper
161	100		
163	64.2	33.4	93.4
90	31.4	2.8	62.8

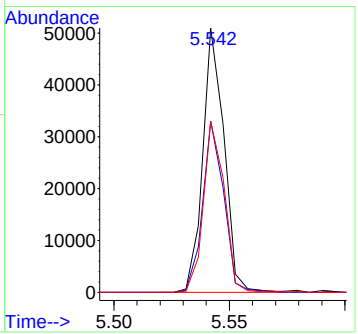


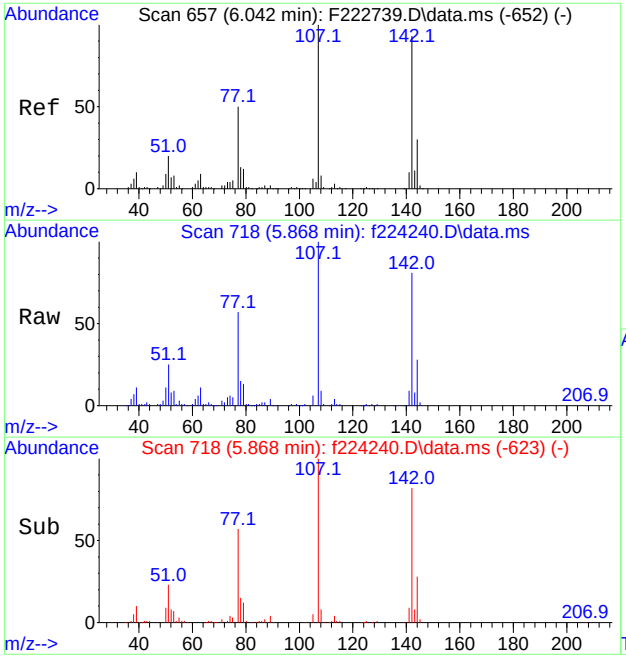


#42
Hexachlorobutadiene
Concen: 25.9679 ppm
RT: 5.542 min Scan# 657
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:225 Resp: 32759

Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.3	91.3
227	64.8	32.4	92.4

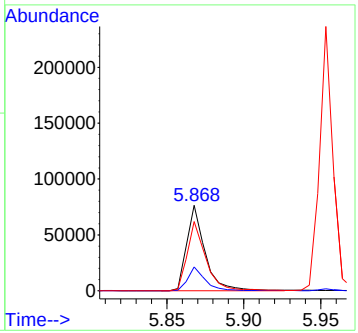


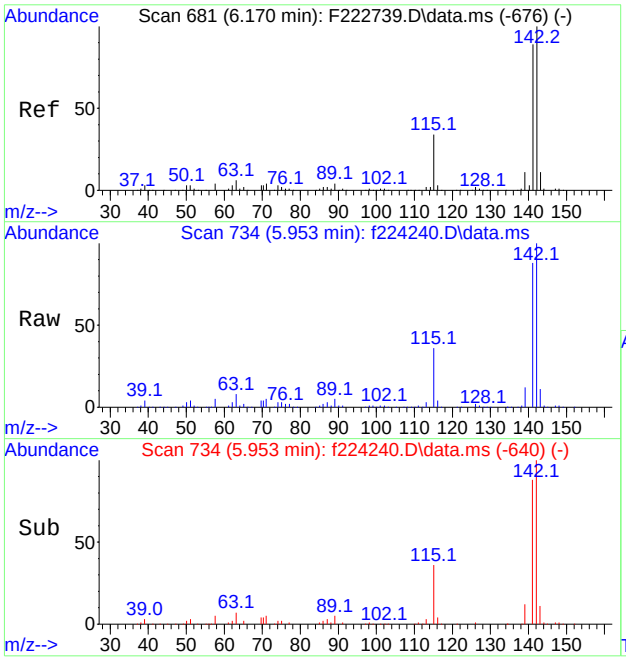


#43
4-Chloro-3-methylphenol
Concen: 43.1783 ppm
RT: 5.868 min Scan# 718
Delta R.T. 0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:107 Resp: 63321

Ion	Ratio	Lower	Upper
107	100		
144	28.0	0.0	54.8
142	81.1	47.5	107.5

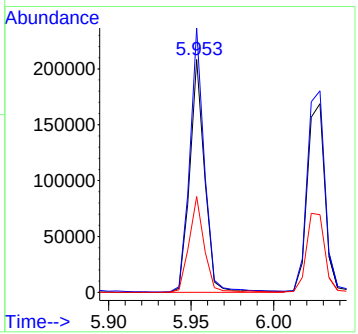


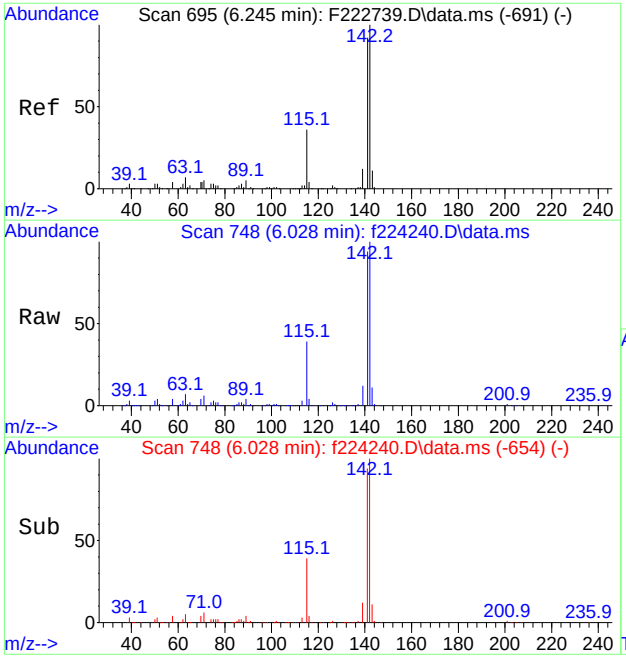


#44
2-Methylnaphthalene
Concen: 38.1678 ppm
RT: 5.953 min Scan# 734
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:141 Resp: 131863

Ion	Ratio	Lower	Upper
141	100		
142	113.3	80.8	140.8
115	41.1	13.7	73.7

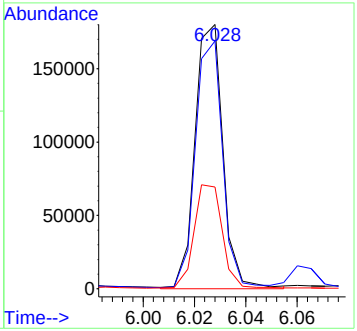


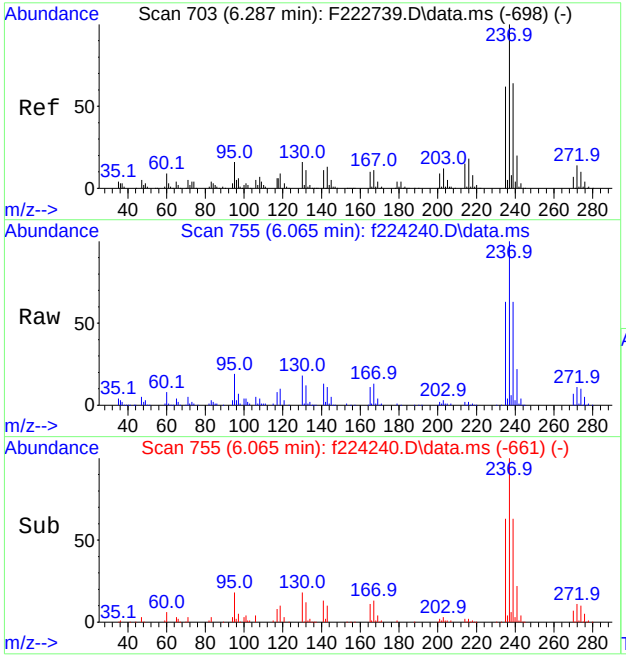


#45
1-Methylnaphthalene
Concen: 38.1700 ppm
RT: 6.028 min Scan# 748
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:142 Resp: 137633

Ion	Ratio	Lower	Upper
142	100		
141	93.1	61.4	121.4
115	38.5	7.9	67.9

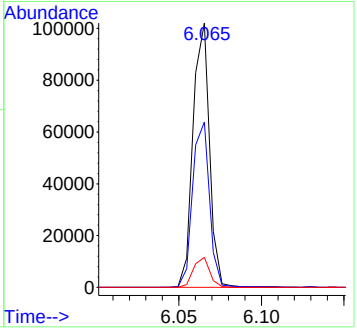


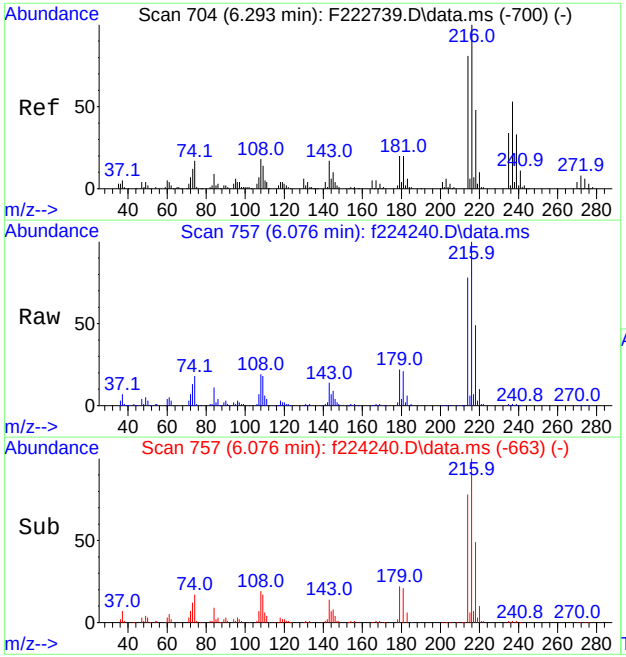


#47
Hexachlorocyclopentadiene
Concen: 61.3006 ppm
RT: 6.065 min Scan# 755
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:237 Resp: 71058

Ion	Ratio	Lower	Upper
237	100		
235	62.5	33.1	93.1
272	11.4	0.0	41.6

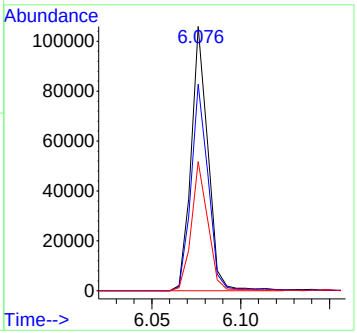


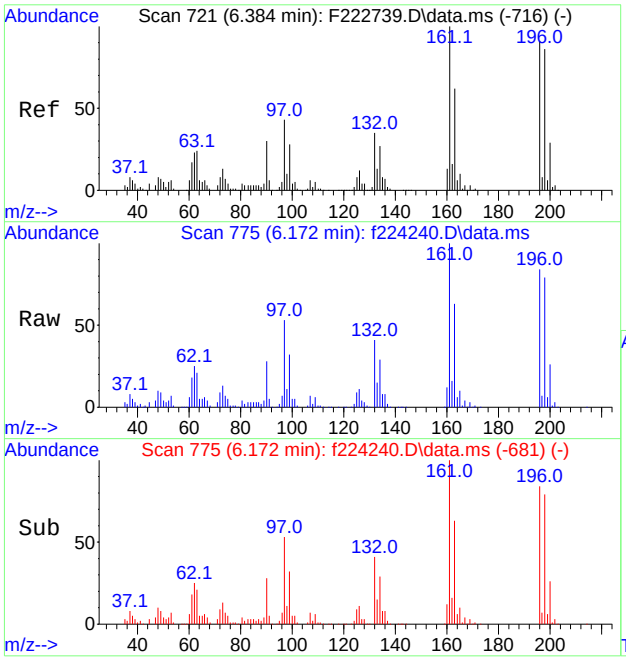


#48
1,2,4,5-tetrachlorobenzene
Concen: 35.1157 ppm
RT: 6.076 min Scan# 757
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:216 Resp: 69878

Ion	Ratio	Lower	Upper
216	100		
214	80.2	56.4	104.8
218	48.2	33.2	61.7

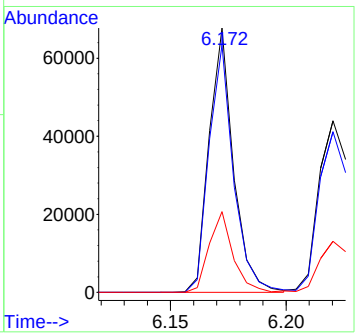




#49
2,4,6-Trichlorophenol
Concen: 42.9593 ppm
RT: 6.172 min Scan# 775
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

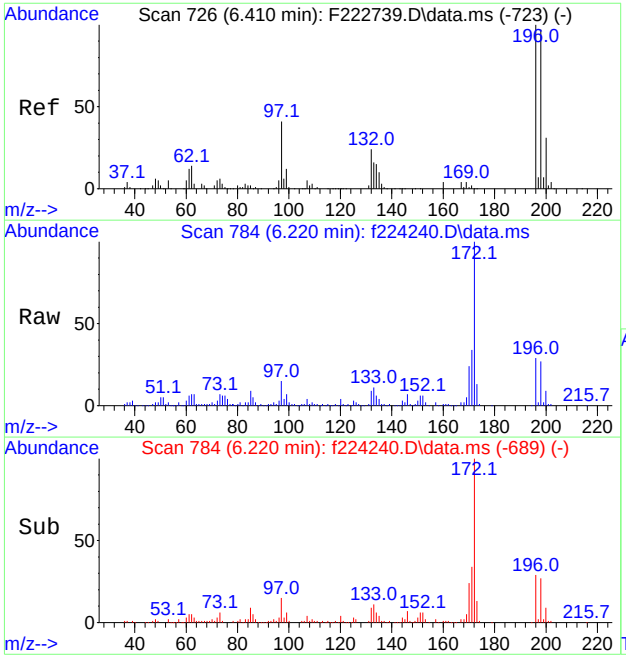
Tgt Ion:196 Resp: 49558

Ion	Ratio	Lower	Upper
196	100		
198	93.5	58.7	118.7
200	30.4	0.0	59.7



7.3.1

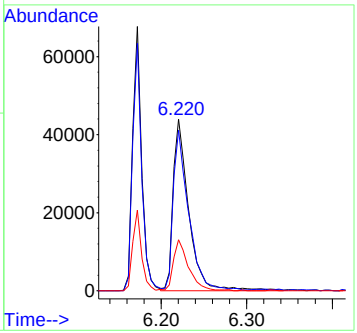
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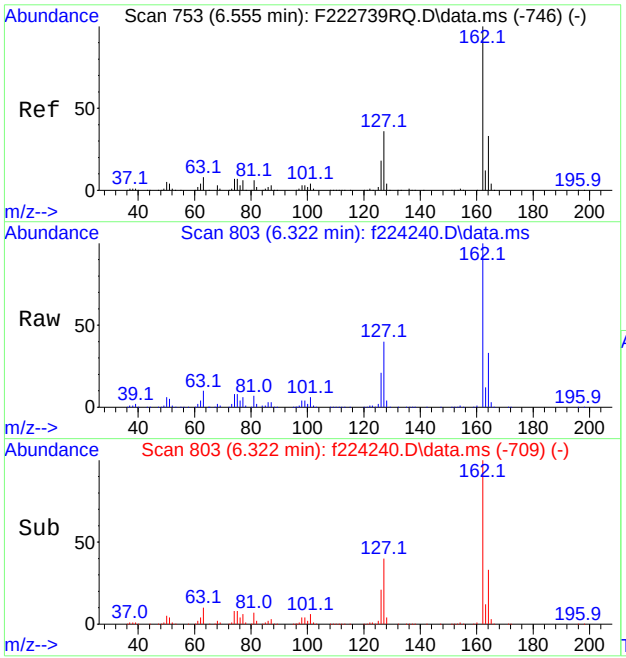


#50
2,4,5-Trichlorophenol
Concen: 42.4715 ppm
RT: 6.220 min Scan# 784
Delta R.T. 0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:196 Resp: 56094

Ion	Ratio	Lower	Upper
196	100		
198	93.5	65.2	125.2
200	29.5	0.0	59.1

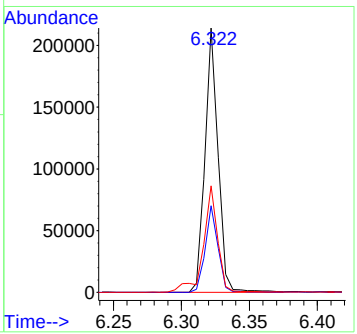


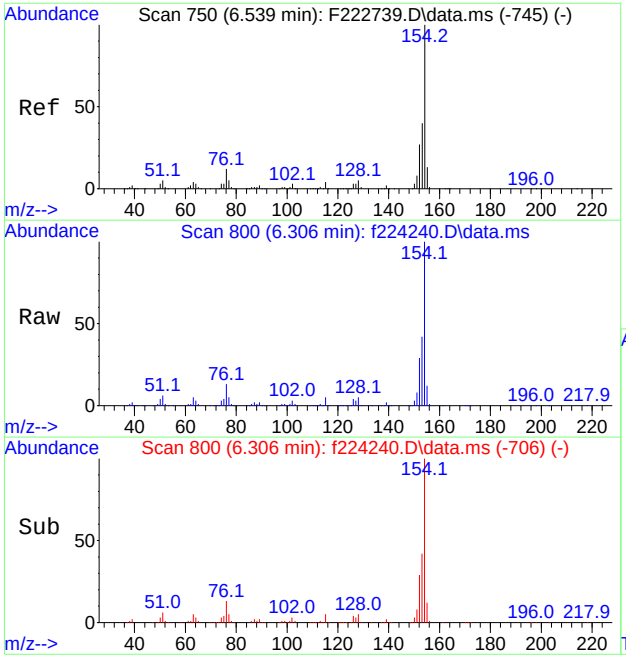


#52
2-Chloronaphthalene
Concen: 40.1058 ppm
RT: 6.322 min Scan# 803
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:162 Resp: 143516

Ion	Ratio	Lower	Upper
162	100		
164	32.7	2.1	62.1
127	40.3	10.3	70.3

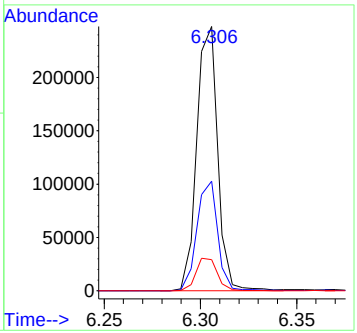


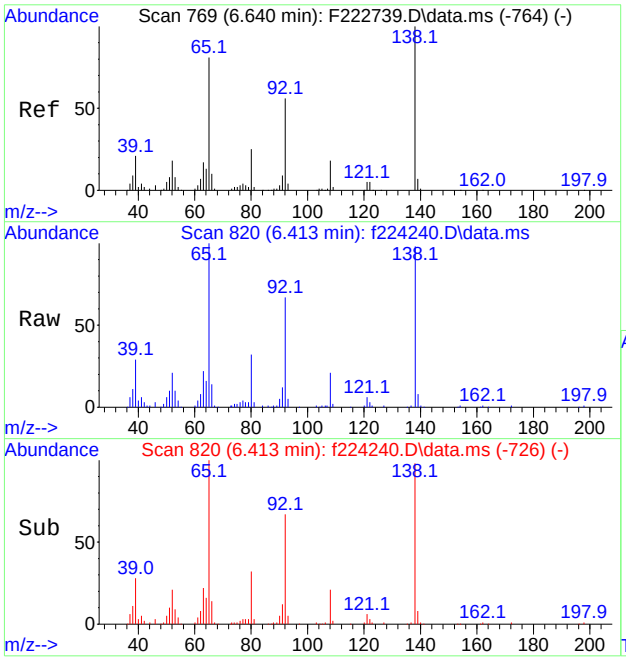


#53
Biphenyl
Concen: 40.9595 ppm
RT: 6.306 min Scan# 800
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:154 Resp: 188137

Ion	Ratio	Lower	Upper
154	100		
153	41.5	10.9	70.9
155	11.8	0.0	42.5

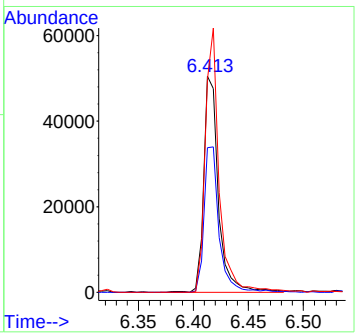


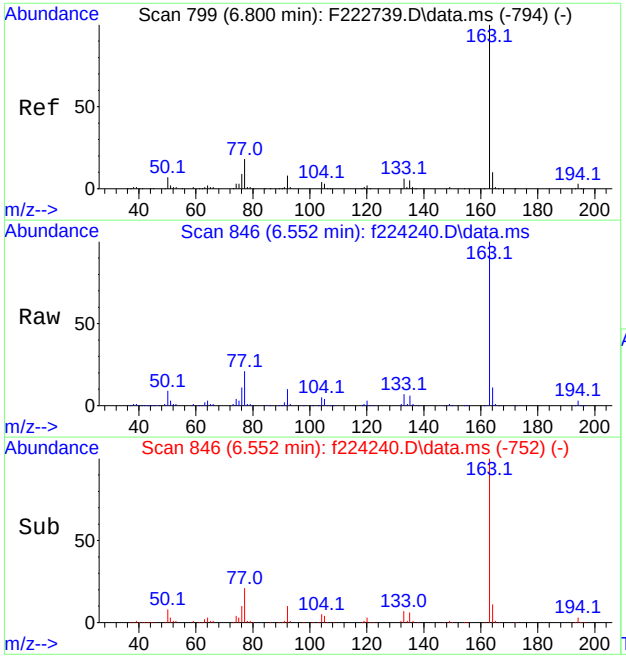


#54
2-Nitroaniline
Concen: 58.5808 ppm
RT: 6.413 min Scan# 820
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 65 Resp: 47187

Ion	Ratio	Lower	Upper
65	100		
92	66.8	35.3	95.3
138	98.1	72.9	132.9

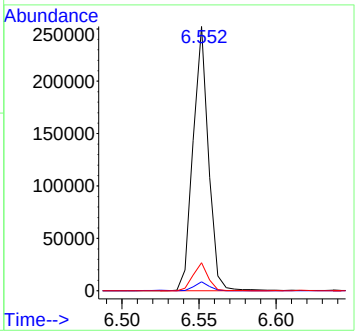


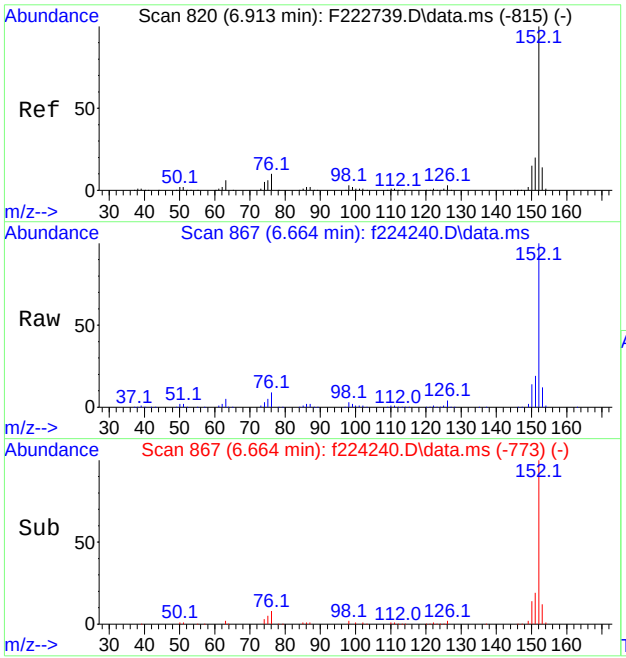


#55
Dimethylphthalate
Concen: 44.7887 ppm
RT: 6.552 min Scan# 846
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:163 Resp: 175777

Ion	Ratio	Lower	Upper
163	100		
194	3.3	0.0	32.8
164	10.7	0.0	40.8

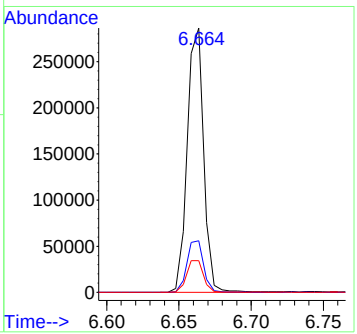


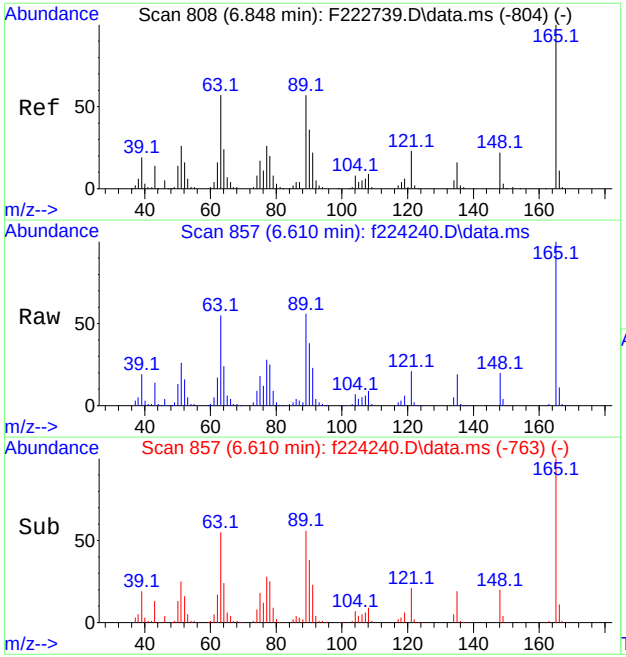


#56
Acenaphthylene
Concen: 45.9933 ppm
RT: 6.664 min Scan# 867
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:152 Resp: 227659

Ion	Ratio	Lower	Upper
152	100		
151	19.5	0.0	50.5
153	11.9	0.0	42.4

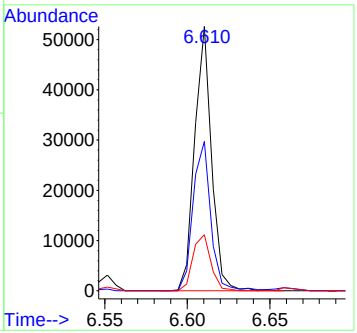


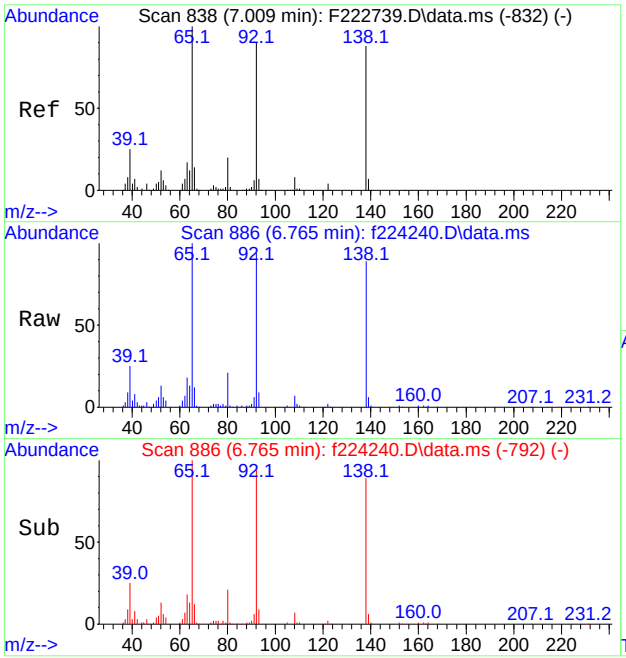


#57
2,6-Dinitrotoluene
Concen: 50.1749 ppm
RT: 6.610 min Scan# 857
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:165 Resp: 37505

Ion	Ratio	Lower	Upper
165	100		
89	55.9	29.7	89.7
121	20.7	0.0	52.3

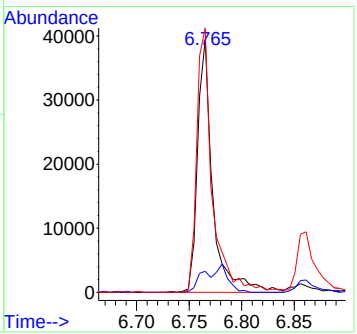


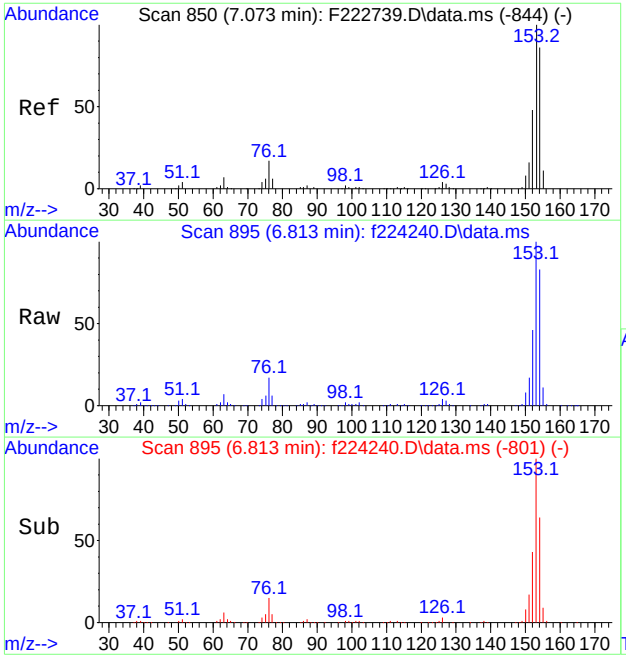


#58
3-Nitroaniline
Concen: 46.6626 ppm
RT: 6.765 min Scan# 886
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:138 Resp: 39948

Ion	Ratio	Lower	Upper
138	100		
108	8.4	0.0	39.6
92	104.5	80.7	140.7

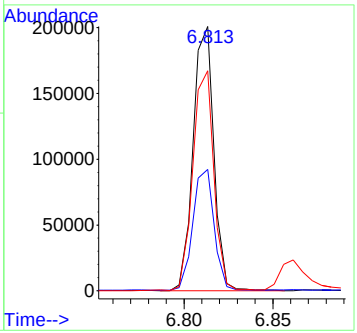


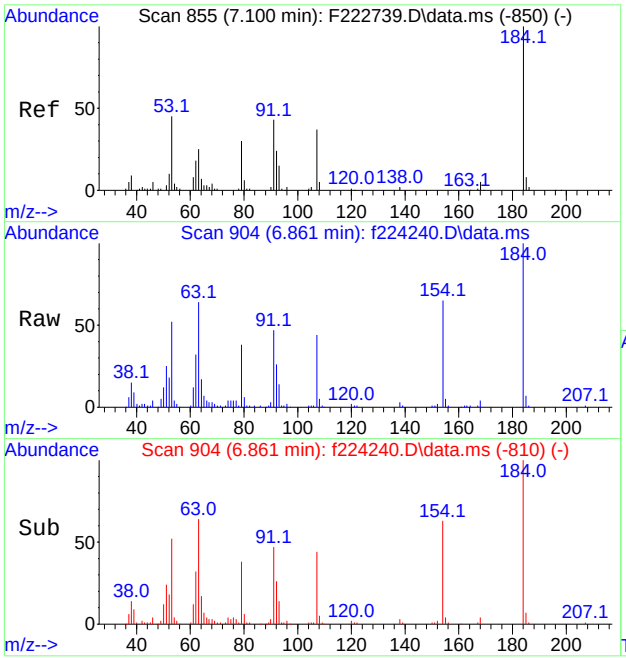


#59
Acenaphthene
Concen: 42.6503 ppm
RT: 6.813 min Scan# 895
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:153 Resp: 162691

Ion	Ratio	Lower	Upper
153	100		
152	45.6	19.0	79.0
154	78.0	50.2	110.2

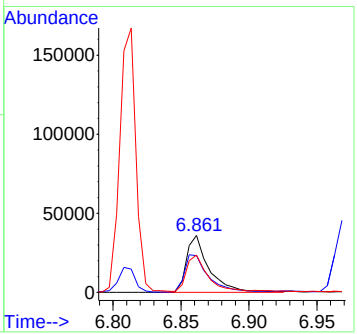


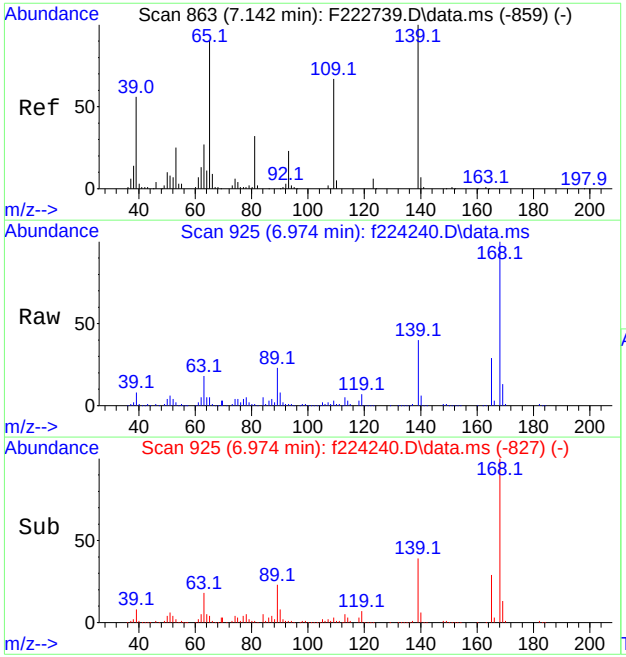


#60
2,4-Dinitrophenol
Concen: 103.5070 ppm
RT: 6.861 min Scan# 904
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:184 Resp: 41636

Ion	Ratio	Lower	Upper
184	100		
63	63.4	33.5	93.5
154	62.9	33.6	93.6

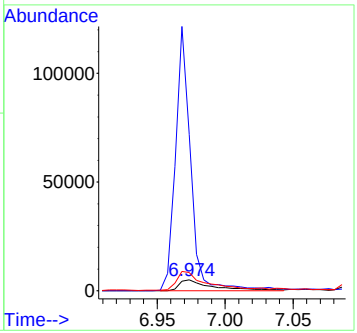


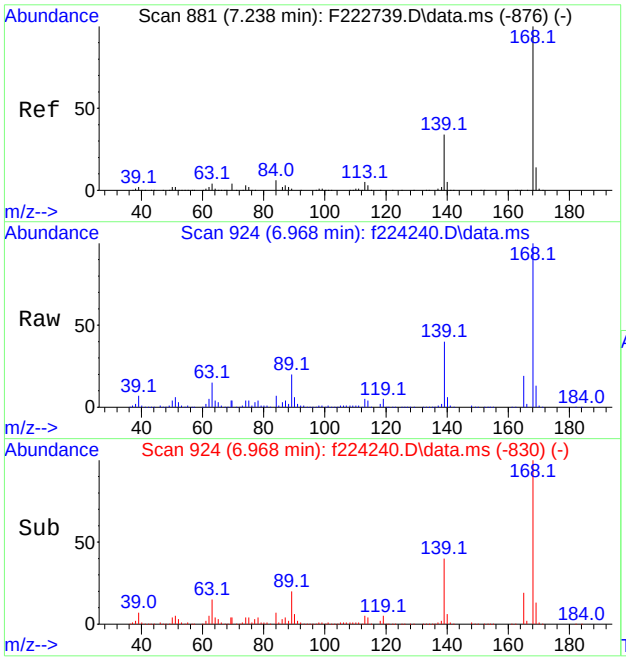


#61
4-Nitrophenol
Concen: 17.9700 ppm
RT: 6.974 min Scan# 925
Delta R.T. 0.021 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:109 Resp: 8830

Ion	Ratio	Lower	Upper
109	100		
139	1483.6	108.4	168.4#
65	162.3	96.4	156.4#

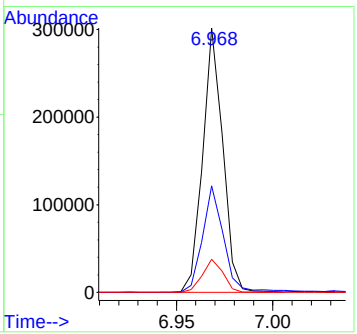


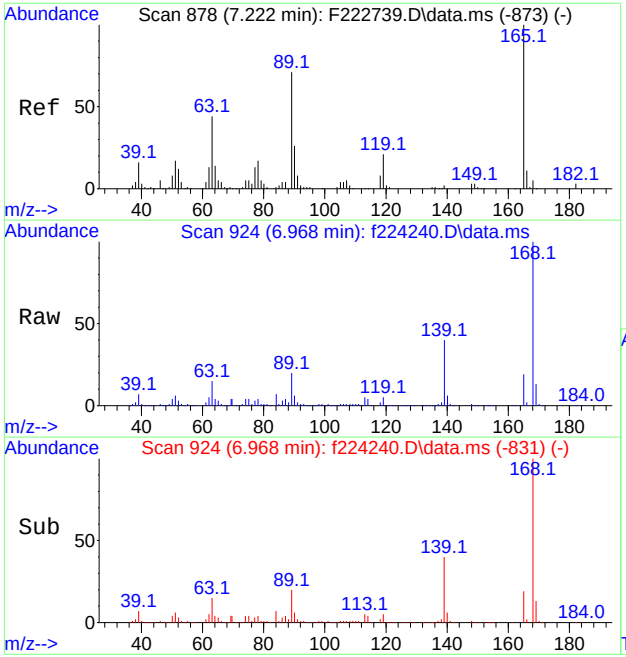


#62
Dibenzofuran
Concen: 41.5493 ppm
RT: 6.968 min Scan# 924
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:168 Resp: 219937

Ion	Ratio	Lower	Upper
168	100		
139	40.0	12.6	72.6
169	12.5	0.0	42.8

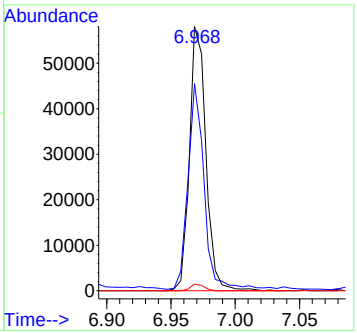


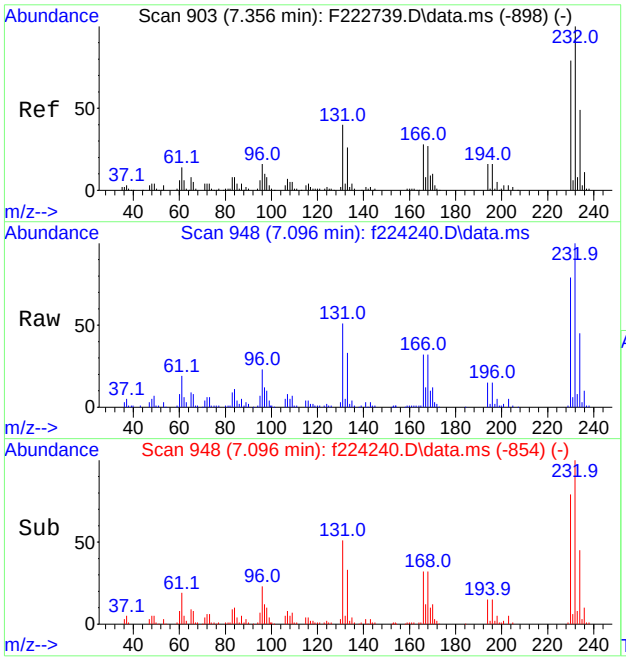


#63
2,4-Dinitrotoluene
Concen: 49.4724 ppm
RT: 6.968 min Scan# 924
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:165 Resp: 51775

Ion	Ratio	Lower	Upper
165	100		
63	77.1	23.7	83.7
182	2.5	0.0	32.2

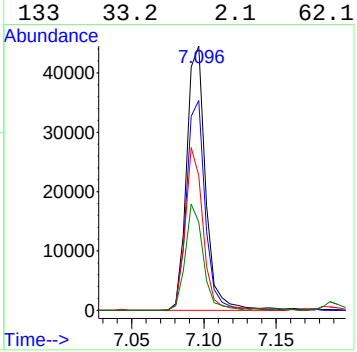


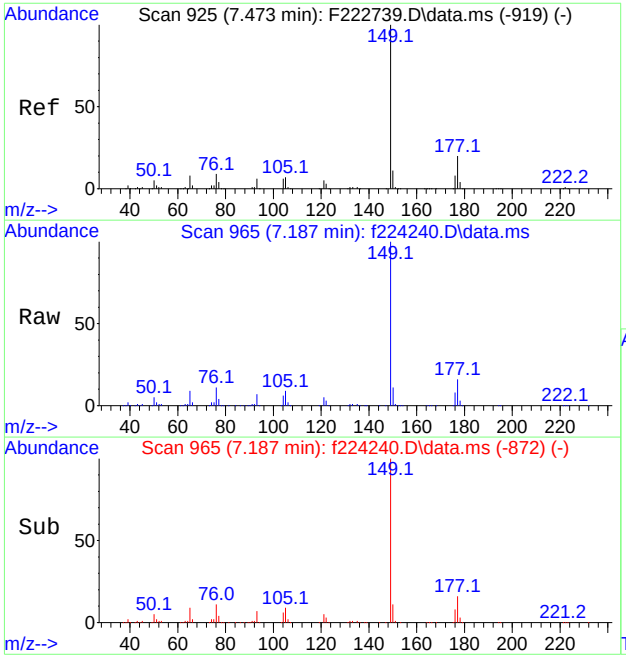


#64
2,3,4,6-Tetrachlorophenol
Concen: 40.1066 ppm
RT: 7.096 min Scan# 948
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:232 Resp: 40847

Ion	Ratio	Lower	Upper
232	100		
230	79.5	46.3	106.3
131	51.1	16.4	76.4
133	33.2	2.1	62.1

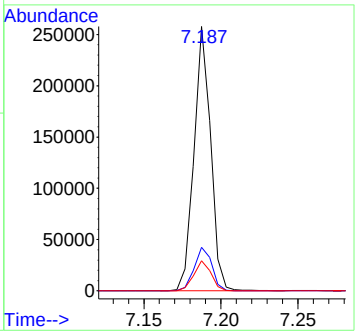


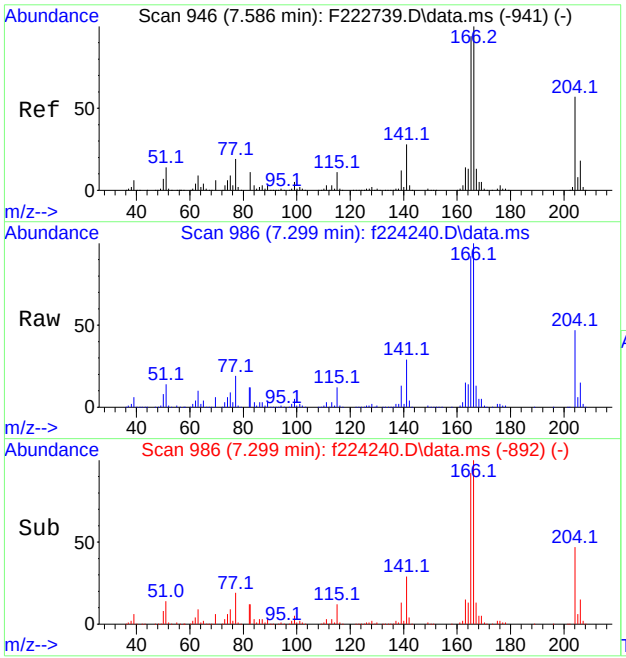


#65
Diethylphthalate
Concen: 47.0978 ppm
RT: 7.187 min Scan# 965
Delta R.T. -0.006 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:149 Resp: 194252

Ion	Ratio	Lower	Upper
149	100		
177	16.4	0.0	47.2
150	11.4	0.0	41.9

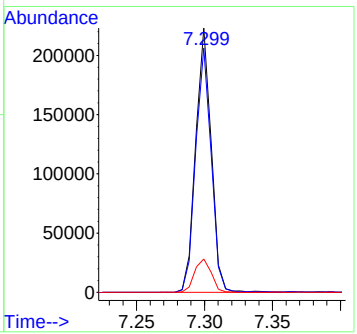


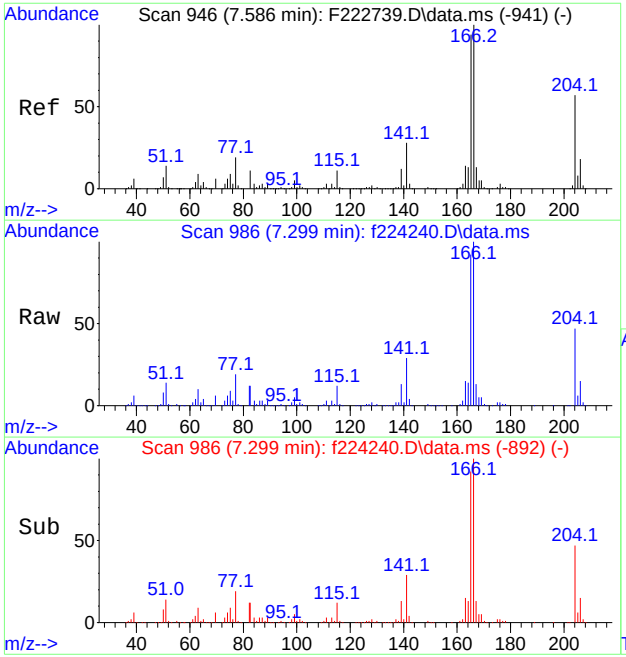


#66
Fluorene
Concen: 43.4546 ppm
RT: 7.299 min Scan# 986
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:166 Resp: 177912

Ion	Ratio	Lower	Upper
166	100		
165	92.4	65.4	125.4
167	12.6	0.0	44.3

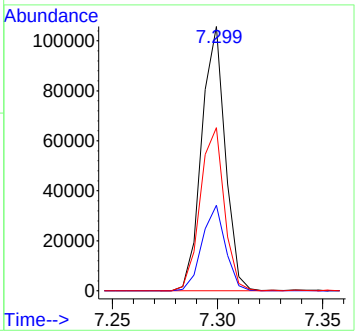


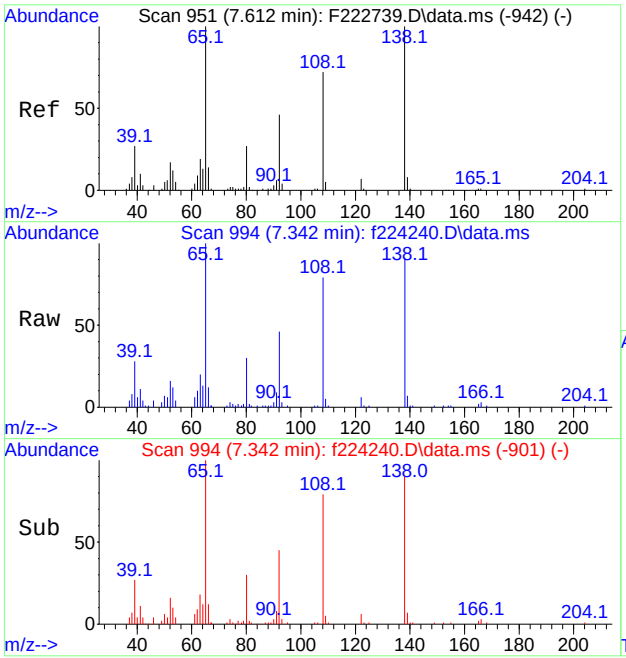


#67
4-Chlorophenyl-phenylether
Concen: 37.1268 ppm
RT: 7.299 min Scan# 986
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:204 Resp: 82482

Ion	Ratio	Lower	Upper
204	100		
206	32.4	1.3	61.3
141	61.8	32.8	92.8

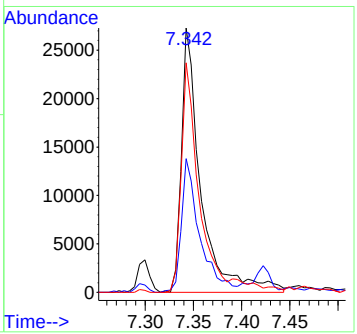


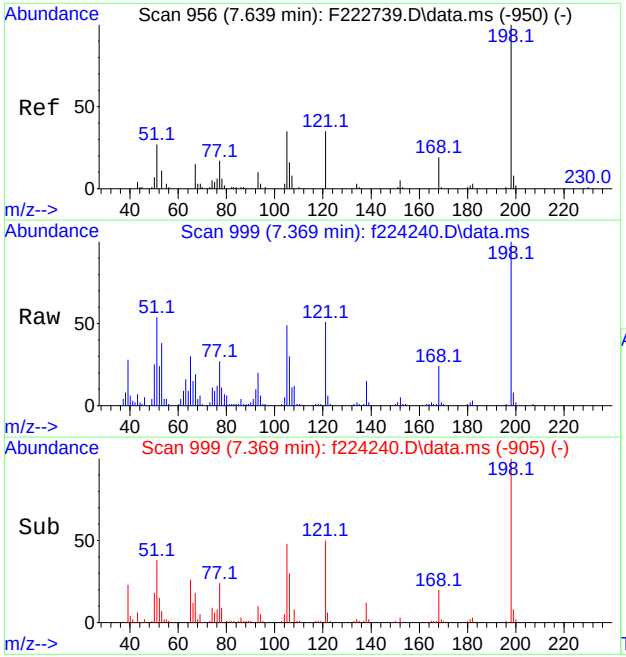


#68
4-Nitroaniline
Concen: 42.1541 ppm
RT: 7.342 min Scan# 994
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:138 Resp: 38463

Ion	Ratio	Lower	Upper
138	100		
92	50.3	17.2	77.2
108	87.1	51.3	111.3

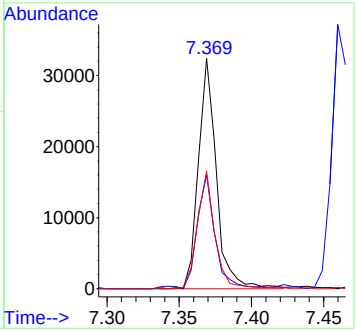


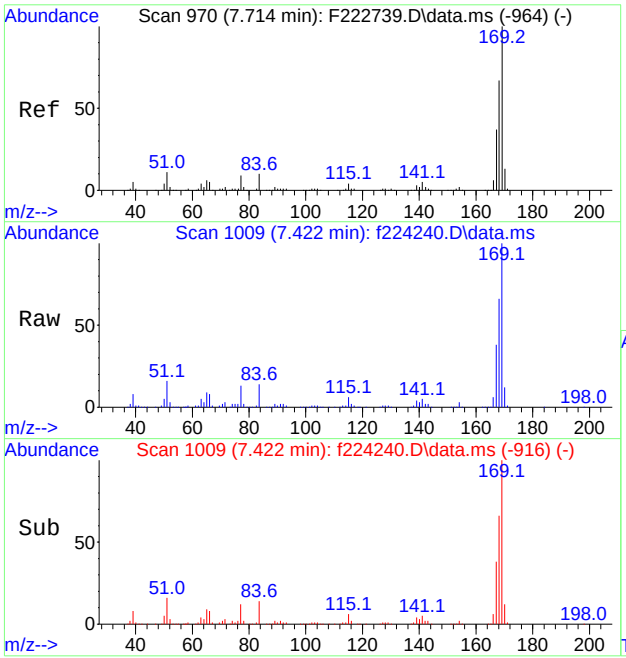


#70
4,6-Dinitro-2-methylphenol
Concen: 58.1518 ppm
RT: 7.369 min Scan# 999
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:198 Resp: 28280

Ion	Ratio	Lower	Upper
198	100		
105	48.2	15.9	75.9
121	50.8	17.3	77.3

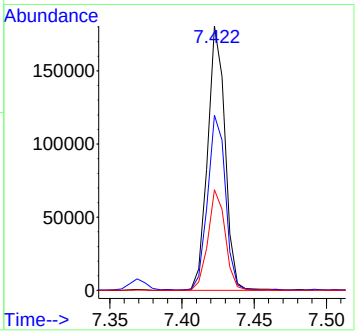


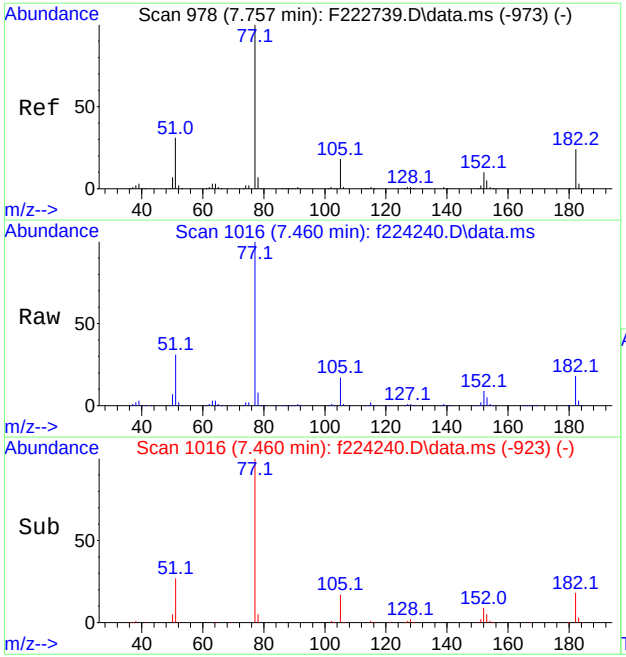


#71
n-Nitrosodiphenylamine
Concen: 48.4618 ppm
RT: 7.422 min Scan# 1009
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:169 Resp: 151694

Ion	Ratio	Lower	Upper
169	100		
168	66.0	41.9	101.9
167	38.0	8.5	68.5

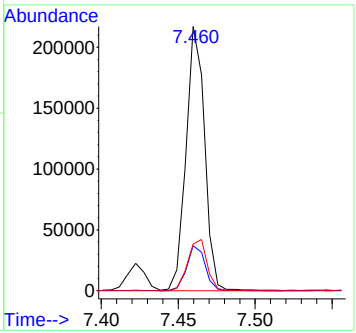


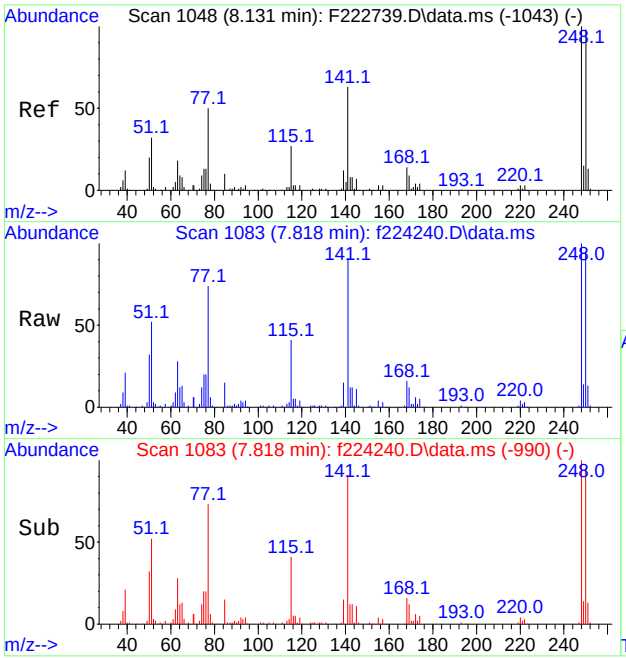


#72
1,2-Diphenylhydrazine
Concen: 55.2682 ppm
RT: 7.460 min Scan# 1016
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 77 Resp: 182877

Ion	Ratio	Lower	Upper
77	100		
105	17.2	0.0	48.2
182	17.8	0.0	51.8

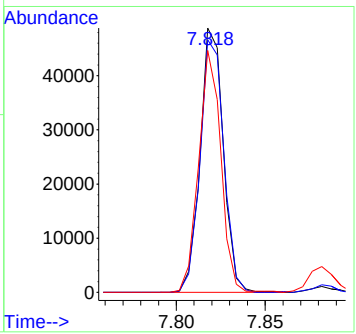


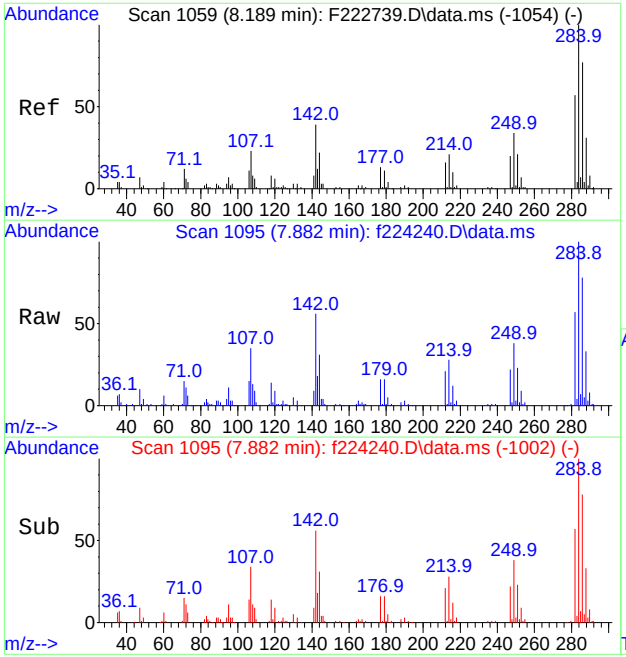


#74
4-Bromophenyl-phenylether
Concen: 38.7559 ppm
RT: 7.818 min Scan# 1083
Delta R.T. -0.006 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:248 Resp: 44132

Ion	Ratio	Lower	Upper
248	100		
250	95.3	67.6	127.6
141	91.5	44.8	104.8

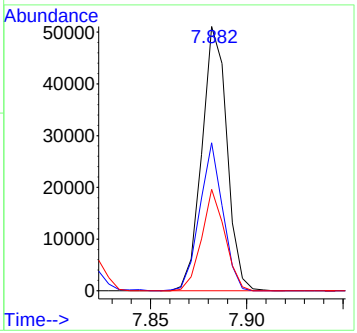


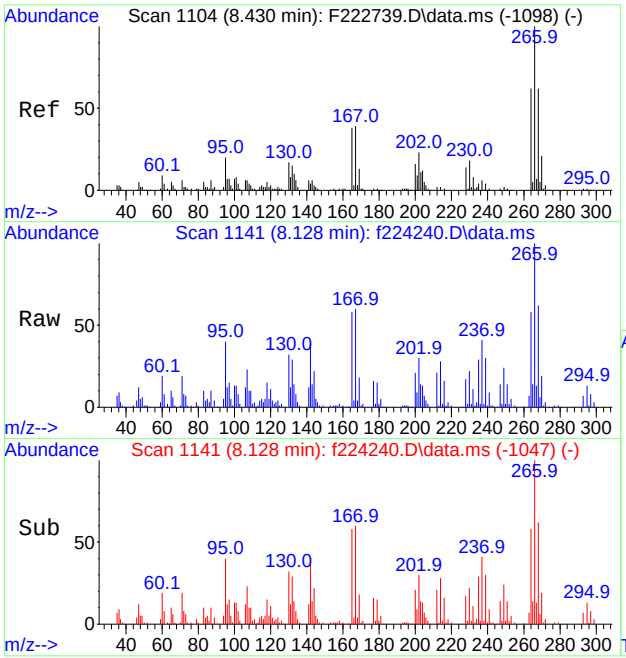


#75
Hexachlorobenzene
Concen: 37.9072 ppm
RT: 7.882 min Scan# 1095
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:284 Resp: 46325

Ion	Ratio	Lower	Upper
284	100		
142	56.0	14.9	74.9
249	38.4	5.2	65.2

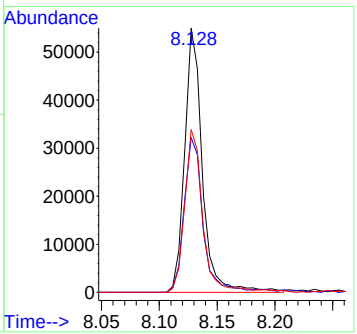


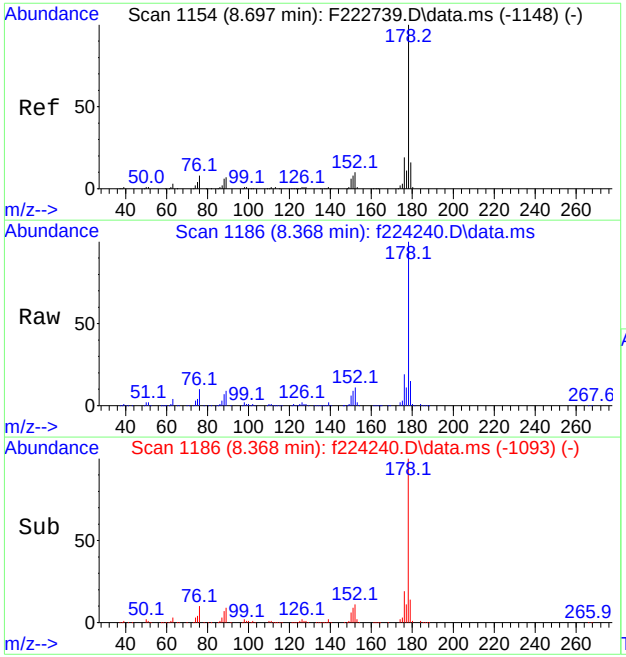


#76
Pentachlorophenol
Concen: 75.7015 ppm
RT: 8.128 min Scan# 1141
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:266 Resp: 58842

Ion	Ratio	Lower	Upper
266	100		
264	58.2	28.3	88.3
268	61.5	32.2	92.2

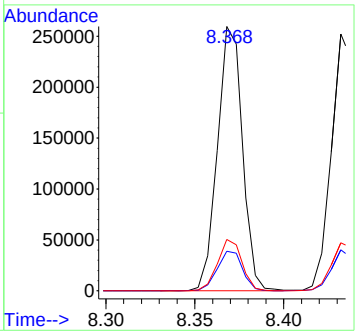


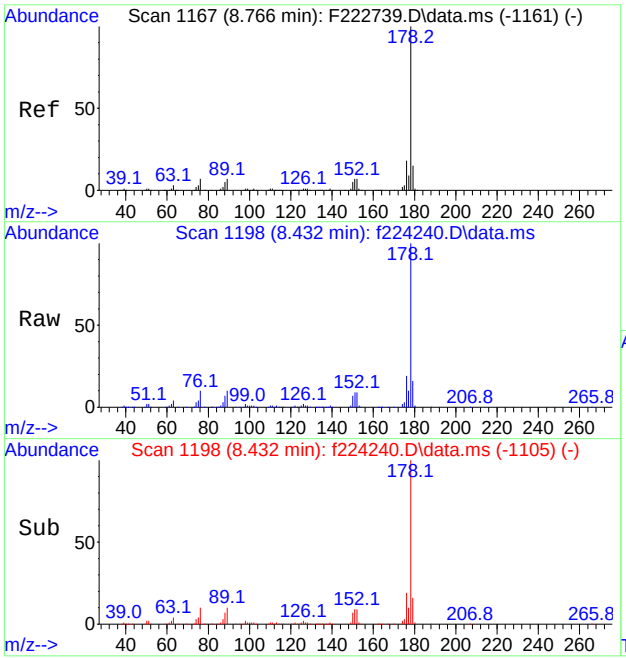


#77
Phenanthrene
Concen: 44.7776 ppm
RT: 8.368 min Scan# 1186
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:178 Resp: 253069

Ion	Ratio	Lower	Upper
178	100		
179	15.0	0.0	44.3
176	19.4	0.0	48.8

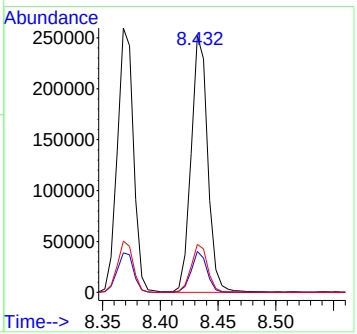


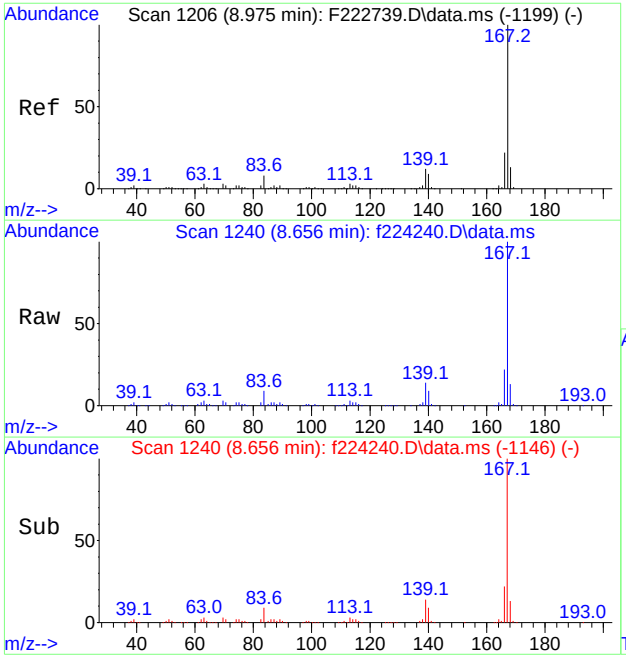


#78
Anthracene
Concen: 45.6604 ppm
RT: 8.432 min Scan# 1198
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:178 Resp: 253717

Ion	Ratio	Lower	Upper
178	100		
179	15.9	0.0	45.1
176	18.7	0.0	48.8

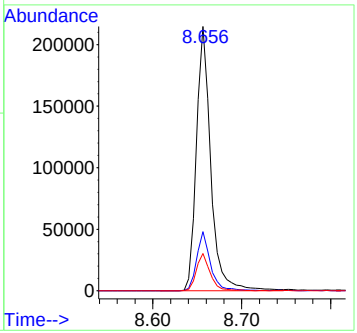


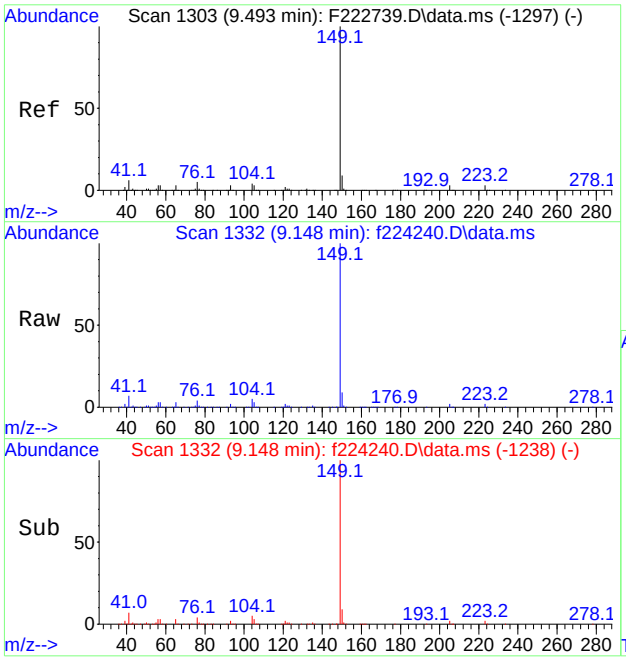


#79
Carbazole
Concen: 47.3442 ppm
RT: 8.656 min Scan# 1240
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:167 Resp: 241120

Ion	Ratio	Lower	Upper
167	100		
166	22.4	0.0	51.5
139	14.1	0.0	44.0

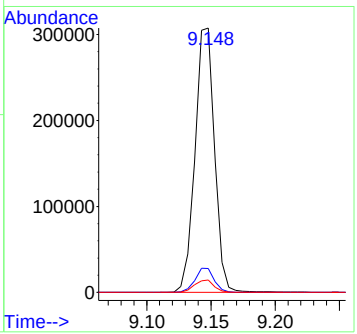


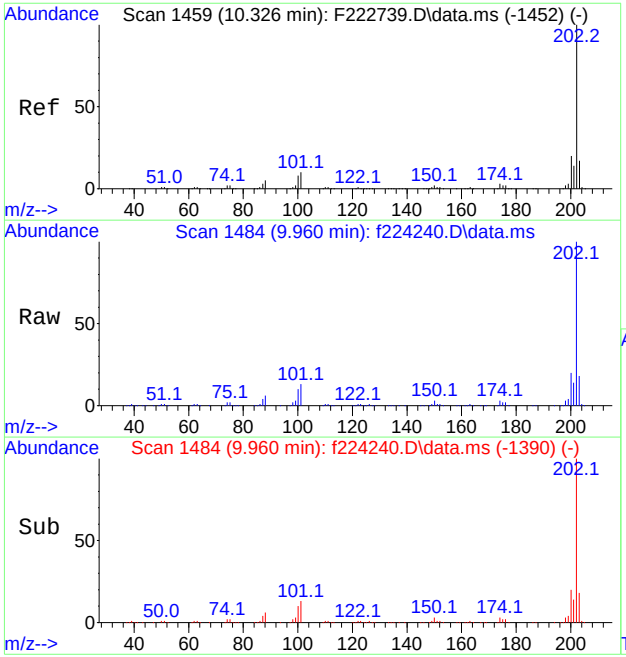


#80
Di-n-butylphthalate
Concen: 54.1501 ppm
RT: 9.148 min Scan# 1332
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:149 Resp: 325632

Ion	Ratio	Lower	Upper
149	100		
150	9.1	0.0	38.6
104	4.7	0.0	34.6

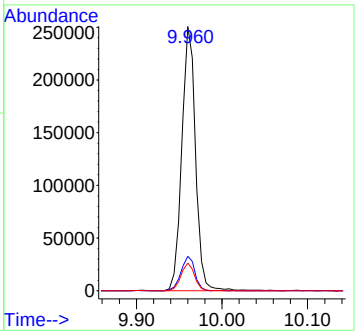


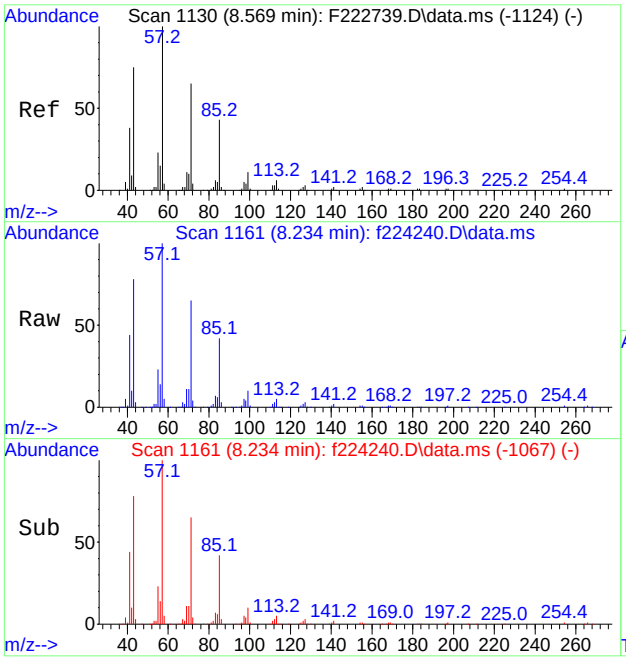


#81
Fluoranthene
Concen: 45.7667 ppm
RT: 9.960 min Scan# 1484
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:202 Resp: 279730

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	44.1
100	10.5	0.0	40.7

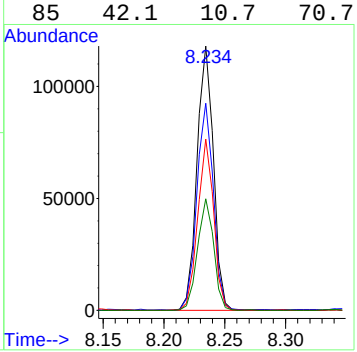


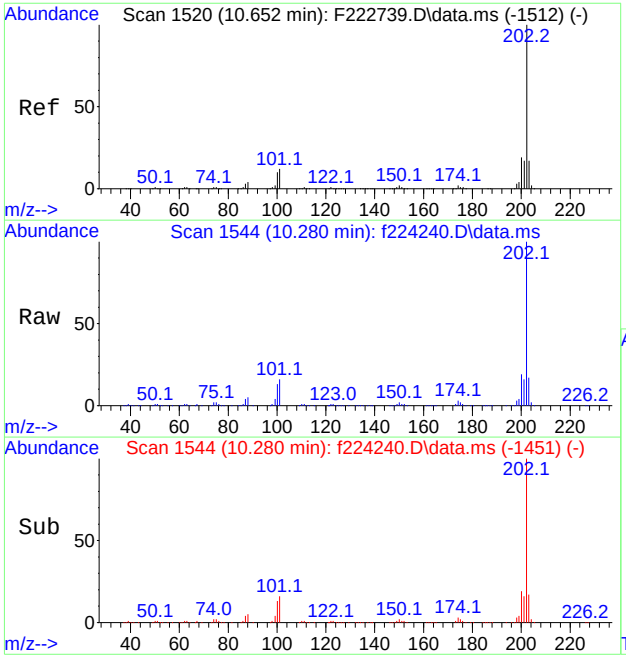


#82
Octadecane
Concen: 58.5051 ppm
RT: 8.234 min Scan# 1161
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 57 Resp: 111714

Ion	Ratio	Lower	Upper
57	100		
43	78.0	46.2	106.2
71	64.7	33.1	93.1
85	42.1	10.7	70.7

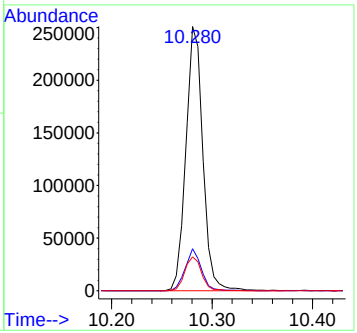


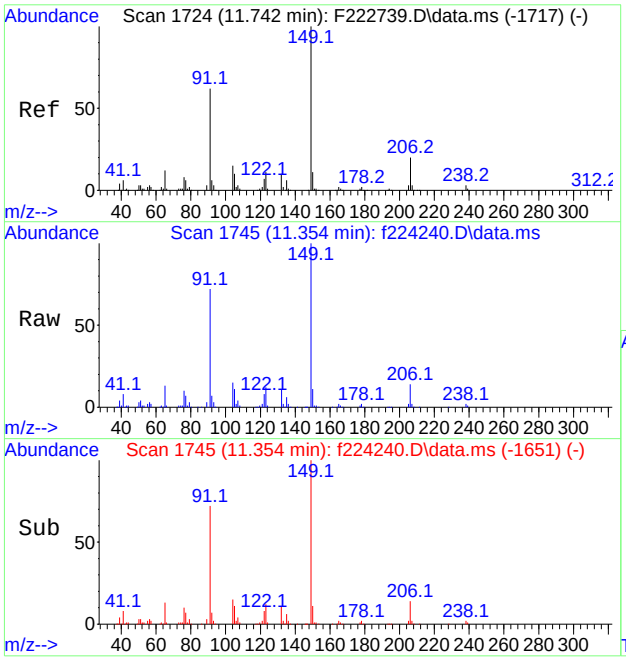


#85
Pyrene
Concen: 49.7611 ppm
RT: 10.280 min Scan# 1544
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:202 Resp: 295185

Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	44.9
100	12.8	0.0	42.4

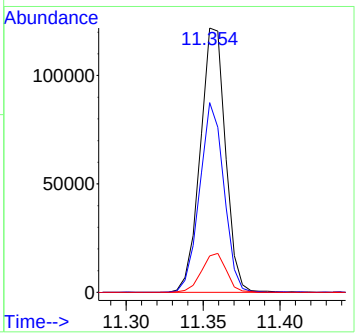


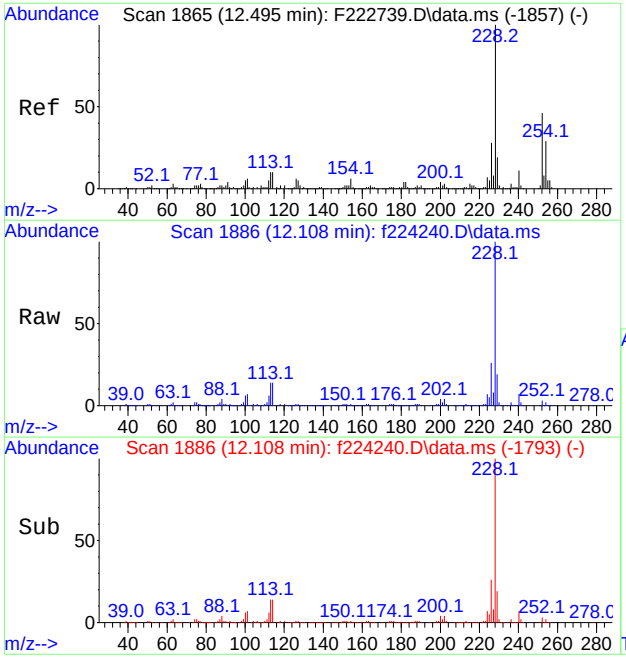


#87
Butylbenzylphthalate
Concen: 60.2157 ppm
RT: 11.354 min Scan# 1745
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:149 Resp: 139127

Ion	Ratio	Lower	Upper
149	100		
91	71.7	38.9	98.9
206	13.8	0.0	43.5

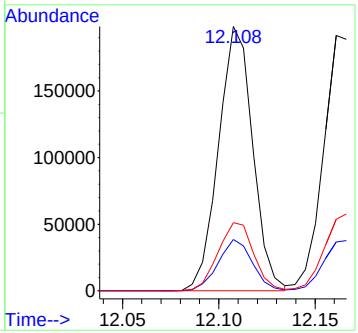


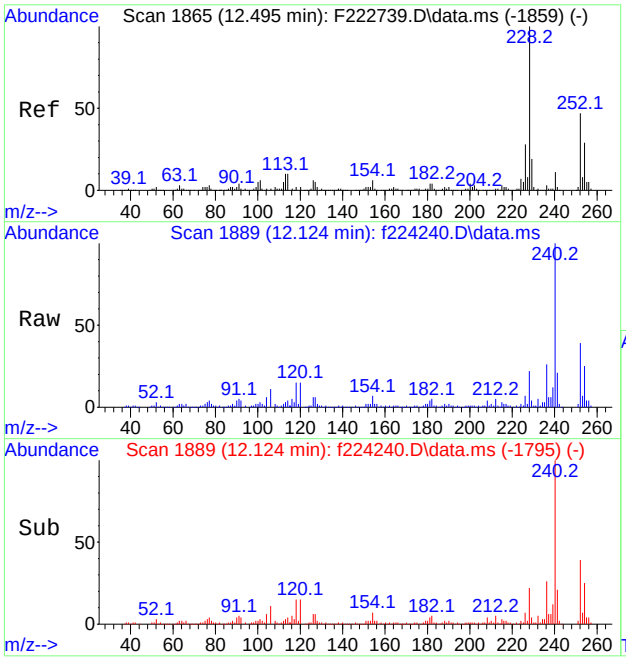


#88
Benzo[a]anthracene
Concen: 45.9505 ppm
RT: 12.108 min Scan# 1886
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:228 Resp: 245141

Ion	Ratio	Lower	Upper
228	100		
229	19.4	0.0	49.1
226	25.8	0.0	57.6

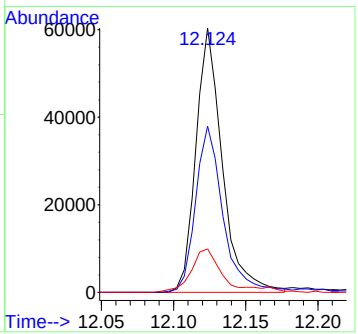


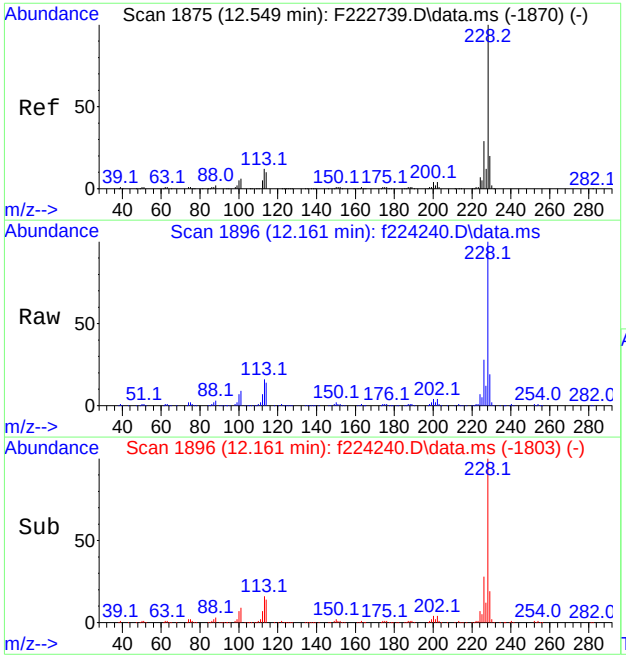


#89
3,3'-Dichlorobenzidine
Concen: 40.4730 ppm
RT: 12.124 min Scan# 1889
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:252 Resp: 76821

Ion	Ratio	Lower	Upper
252	100		
254	62.7	30.5	90.5
126	16.1	0.0	45.5

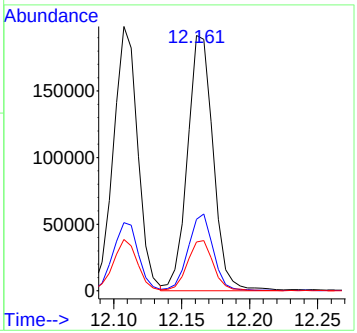


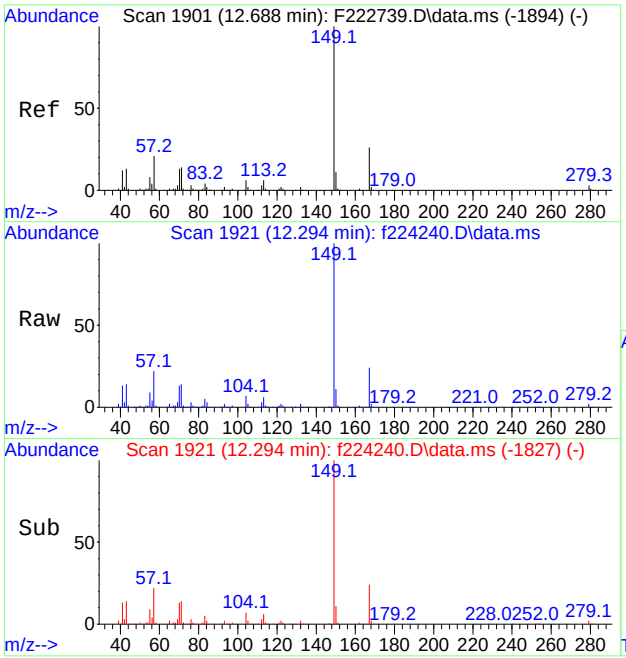


#90
Chrysene
Concen: 44.5270 ppm
RT: 12.161 min Scan# 1896
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:228 Resp: 253060

Ion	Ratio	Lower	Upper
228	100		
226	28.0	0.5	60.5
229	19.2	0.0	49.4

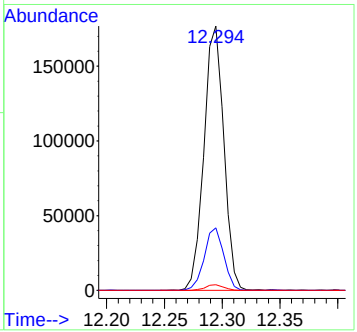


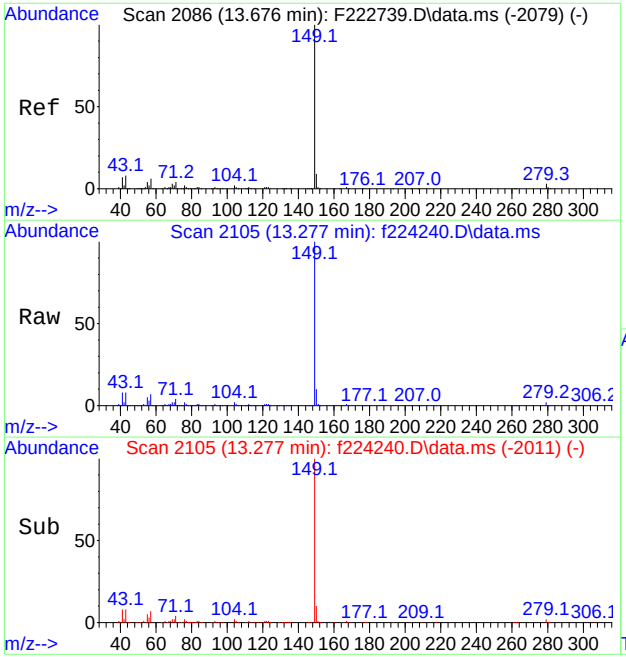


#91
bis(2-Ethylhexyl)phthalate
Concen: 58.0360 ppm
RT: 12.294 min Scan# 1921
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:149 Resp: 212002

Ion	Ratio	Lower	Upper
149	100		
167	23.6	0.0	52.5
279	2.2	0.0	32.0

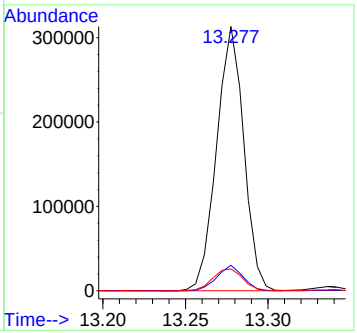


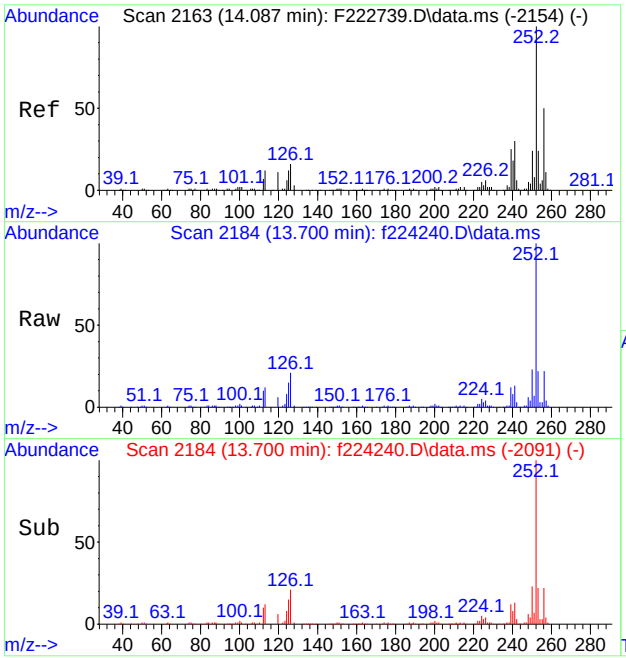


#93
Di-n-octylphthalate
Concen: 58.9860 ppm
RT: 13.277 min Scan# 2105
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:149 Resp: 359908

Ion	Ratio	Lower	Upper
149	100		
150	9.7	0.0	39.3
43	8.2	0.0	39.1

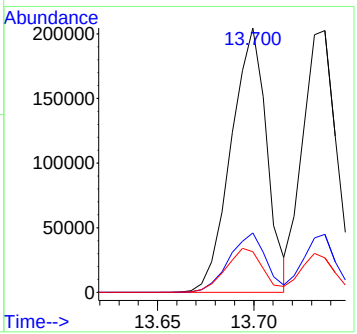


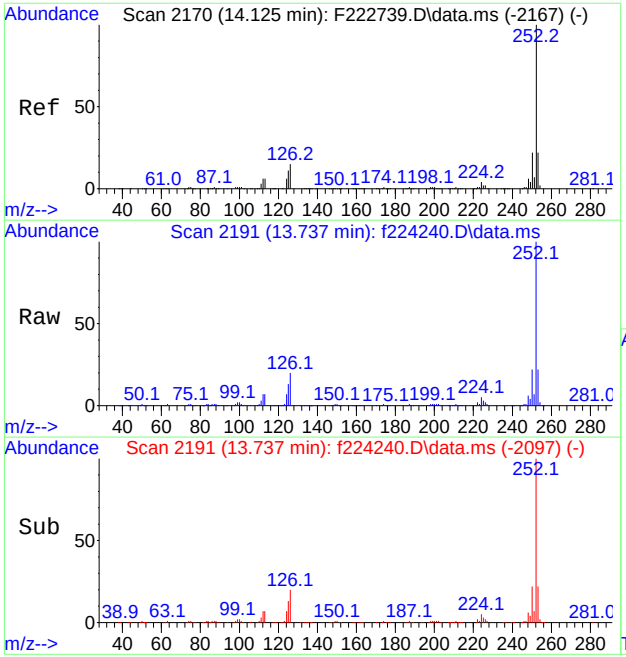


#94
Benzo[b]fluoranthene
Concen: 47.8706 ppm
RT: 13.700 min Scan# 2184
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:252 Resp: 264086

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	51.1
125	15.3	0.0	45.1

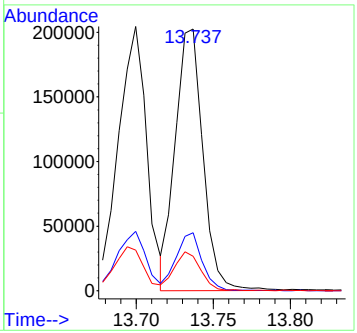


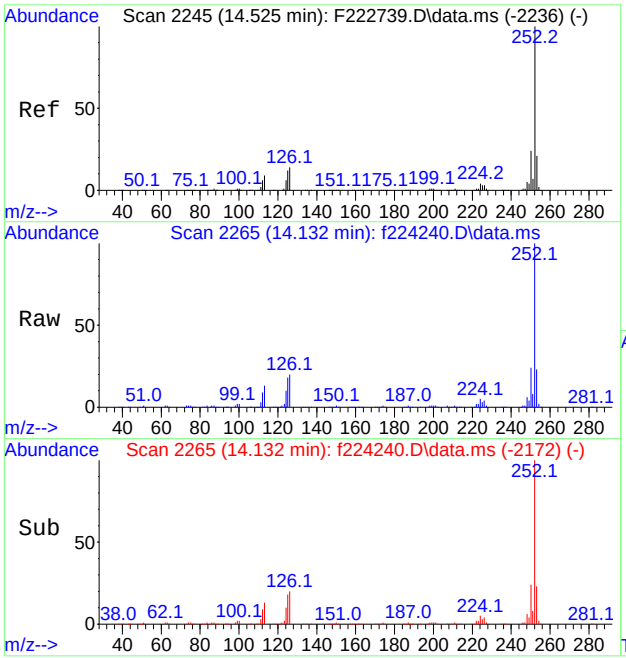


#95
Benzo[k]fluoranthene
Concen: 45.5060 ppm
RT: 13.737 min Scan# 2191
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:252 Resp: 253318

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	52.2
125	12.8	0.0	45.6

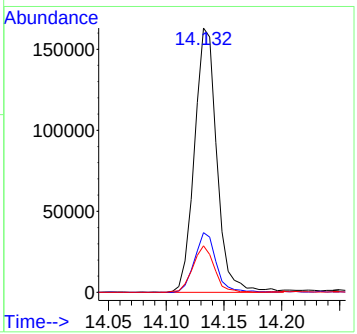


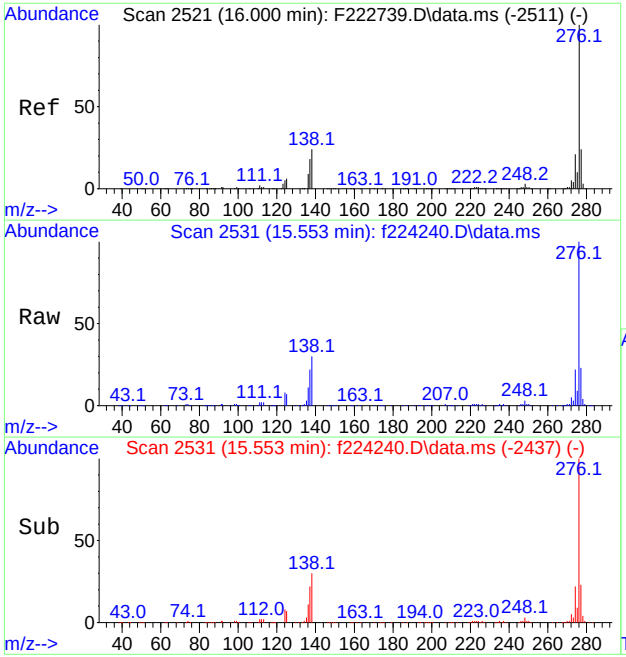


#96
Benzo[a]pyrene
Concen: 48.2741 ppm
RT: 14.132 min Scan# 2265
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:252 Resp: 220625

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	51.4
125	17.6	0.0	47.0

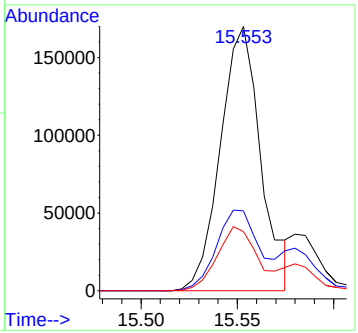


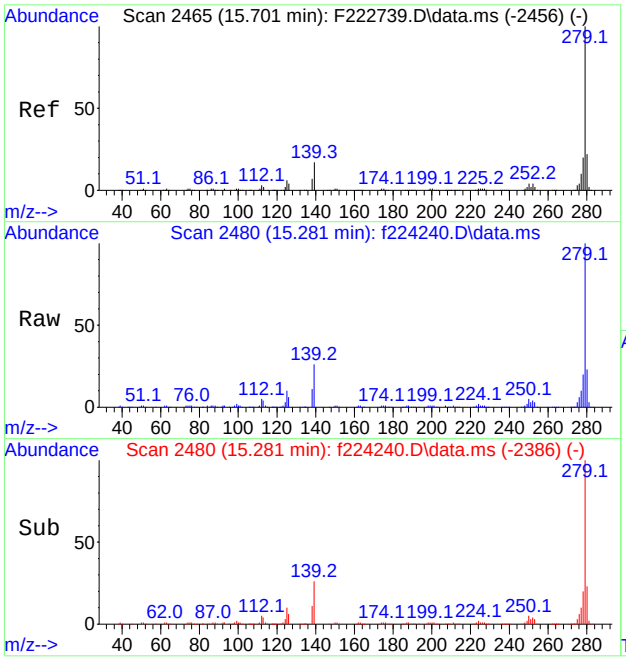


#97
Indeno[1,2,3-cd]pyrene
Concen: 47.4979 ppm
RT: 15.553 min Scan# 2531
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:276 Resp: 248153

Ion	Ratio	Lower	Upper
276	100		
138	25.1	3.1	63.1
137	19.9	0.0	55.6

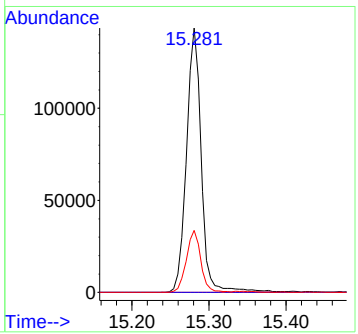


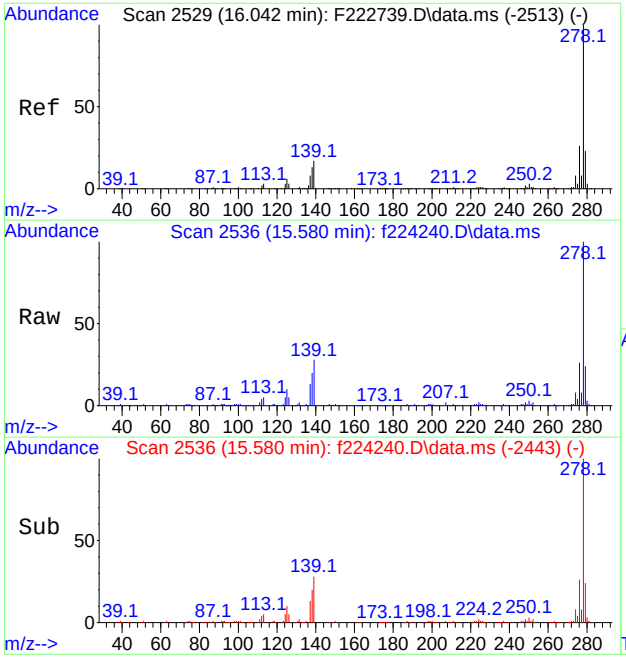


#98
Dibenz(a,h)acridine
Concen: 46.5634 ppm
RT: 15.281 min Scan# 2480
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:279 Resp: 191939

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	23.3	0.0	52.4

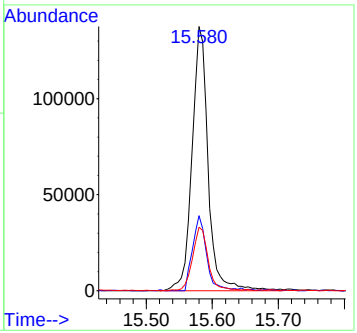


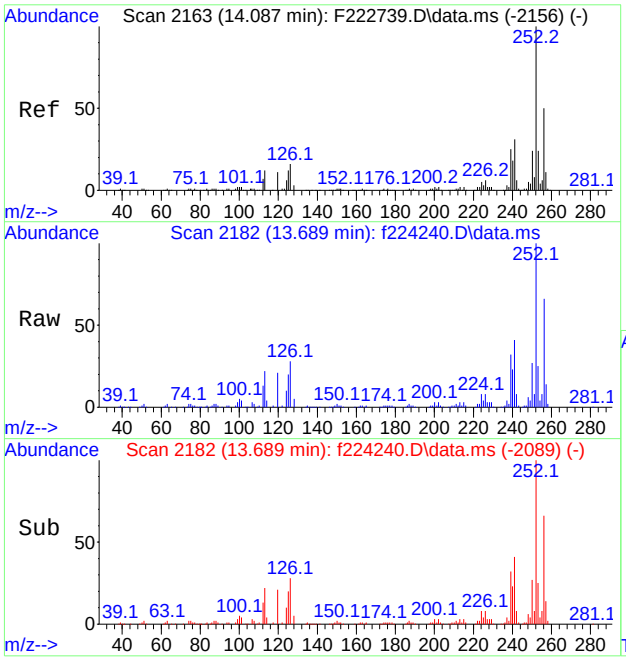


#99
Dibenz[a,h]anthracene
Concen: 48.4922 ppm
RT: 15.580 min Scan# 2536
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:278 Resp: 233974

Ion	Ratio	Lower	Upper
278	100		
139	28.1	0.0	55.3
279	23.9	0.0	54.5

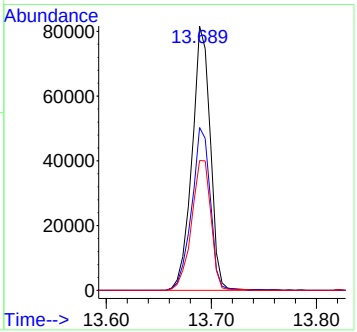


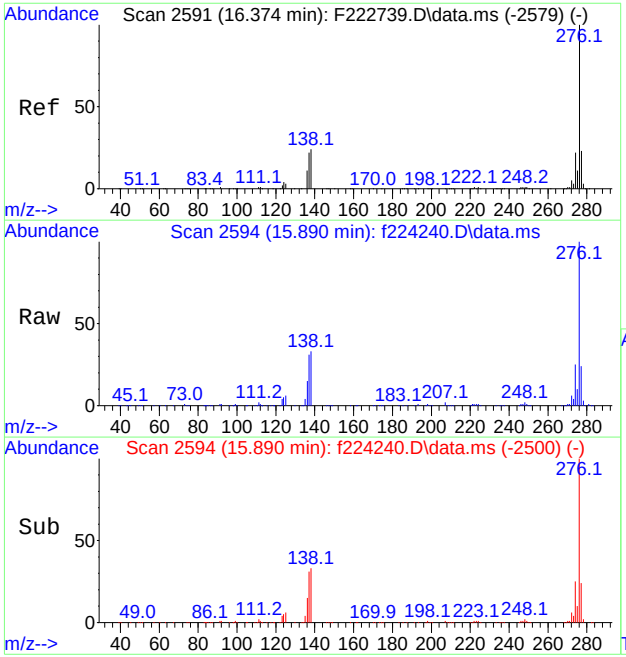


#100
7,12-Dimethylbenz(a)anthracene
Concen: 41.2232 ppm
RT: 13.689 min Scan# 2182
Delta R.T. -0.005 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:256 Resp: 98883

Ion	Ratio	Lower	Upper
256	100		
241	61.6	30.7	90.7
239	49.1	21.6	81.6

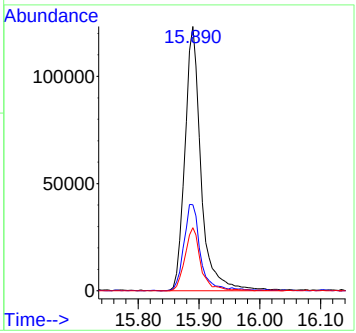


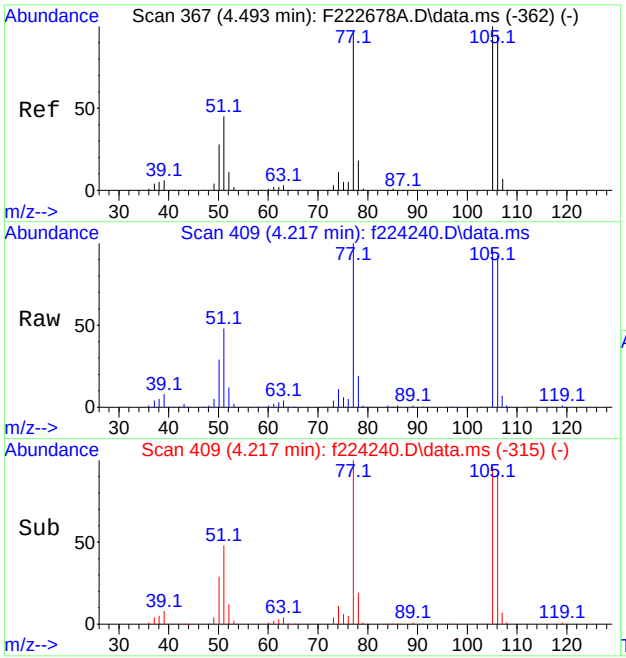


#101
Benzo[g,h,i]perylene
Concen: 49.2490 ppm
RT: 15.890 min Scan# 2594
Delta R.T. -0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:276 Resp: 228074

Ion	Ratio	Lower	Upper
276	100		
138	32.4	5.5	65.5
277	23.9	0.0	53.3

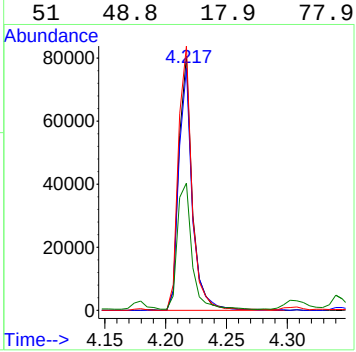


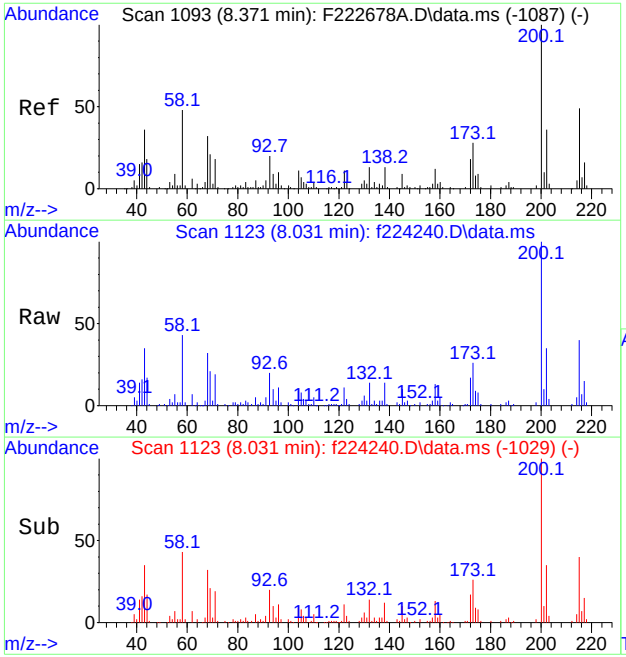


#158
Benzaldehyde
Concen: 33.0688 ppm
RT: 4.217 min Scan# 409
Delta R.T. 0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:105 Resp: 62037

Ion	Ratio	Lower	Upper
105	100		
106	95.2	64.7	124.7
77	103.6	72.7	132.7
51	48.8	17.9	77.9

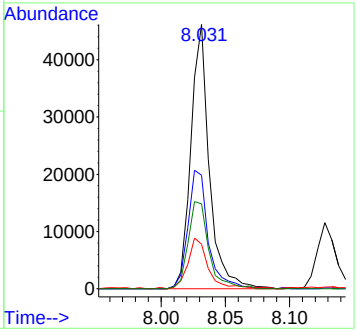


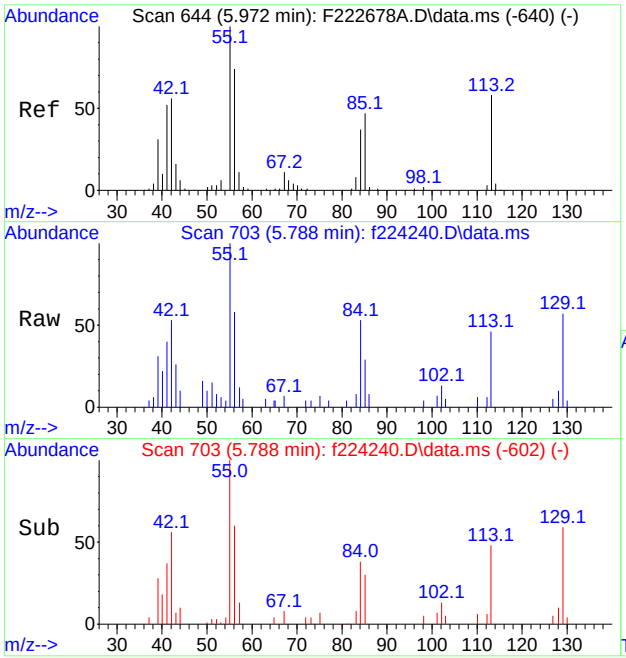


#160
Atrazine
Concen: 45.8036 ppm
RT: 8.031 min Scan# 1123
Delta R.T. 0.000 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion:200 Resp: 46223

Ion	Ratio	Lower	Upper
200	100		
58	42.6	23.3	83.3
44	16.5	0.0	50.6
68	32.1	6.6	66.6

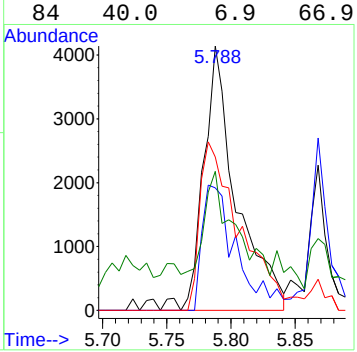




#162
Caprolactam
Concen: 9.0642 ppm
RT: 5.788 min Scan# 703
Delta R.T. 0.037 min
Lab File: f224240.D
Acq: 28 Jan 2025 9:59 am

Tgt Ion: 55 Resp: 7450

Ion	Ratio	Lower	Upper
55	100		
113	45.7	24.6	84.6
56	57.6	44.5	104.5
84	40.0	6.9	66.9



Manual Integration Approval Summary

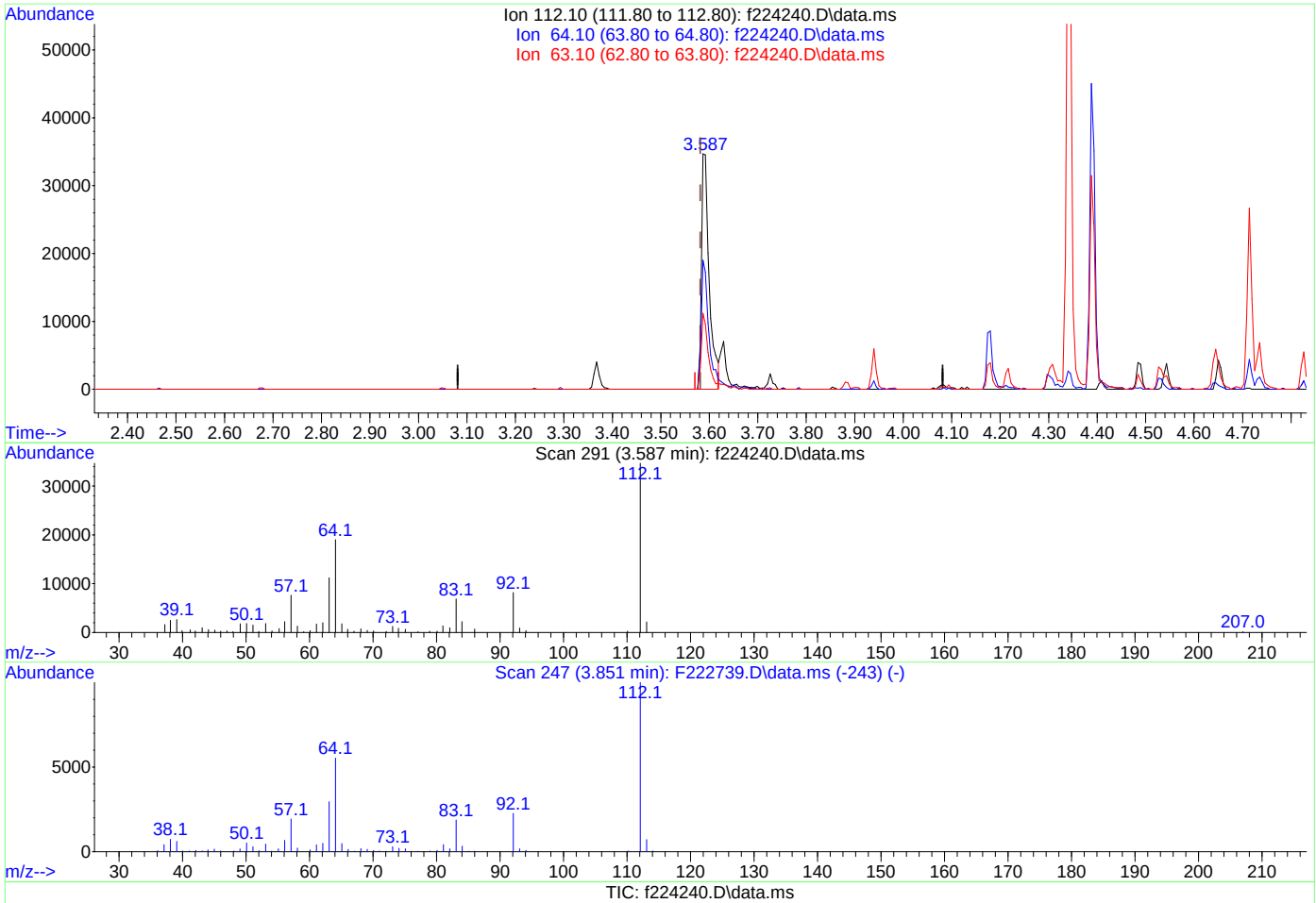
Sample Number: OP61138-BS1
Lab FileID: F224240.D
Injection Time: 01/28/25 09:59
Method: SW846 8270E
Analyst approved: 01/28/25 14:37 Michael Lozano
Supervisor approved: 01/28/25 18:41 Jacky Takeuchi

Parameter	CAS	Sig#	R.T. (min.)	Reason
2-Fluorophenol	367-12-4		3.59	Poor instrument integration

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224240.D
Acq On : 28 Jan 2025 9:59 am
Operator : kaleigh
Sample : op61138-bs1 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 28 16:31:54 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration



TIC: f224240.D\data.ms

(5) 2-Fluorophenol (S)

3.587min (+0.005) 22.20ppm

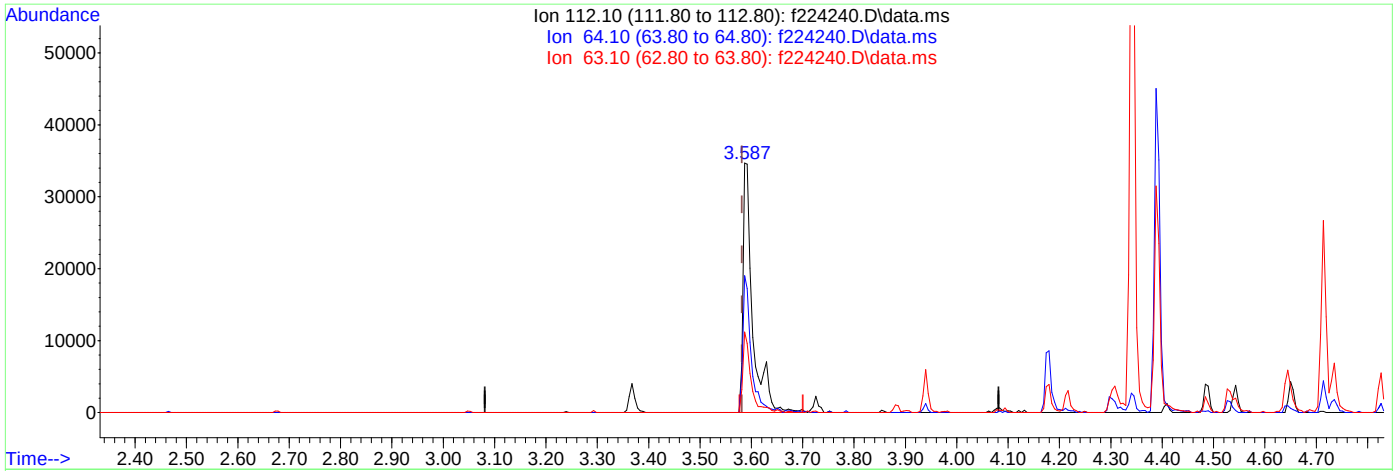
response 39067

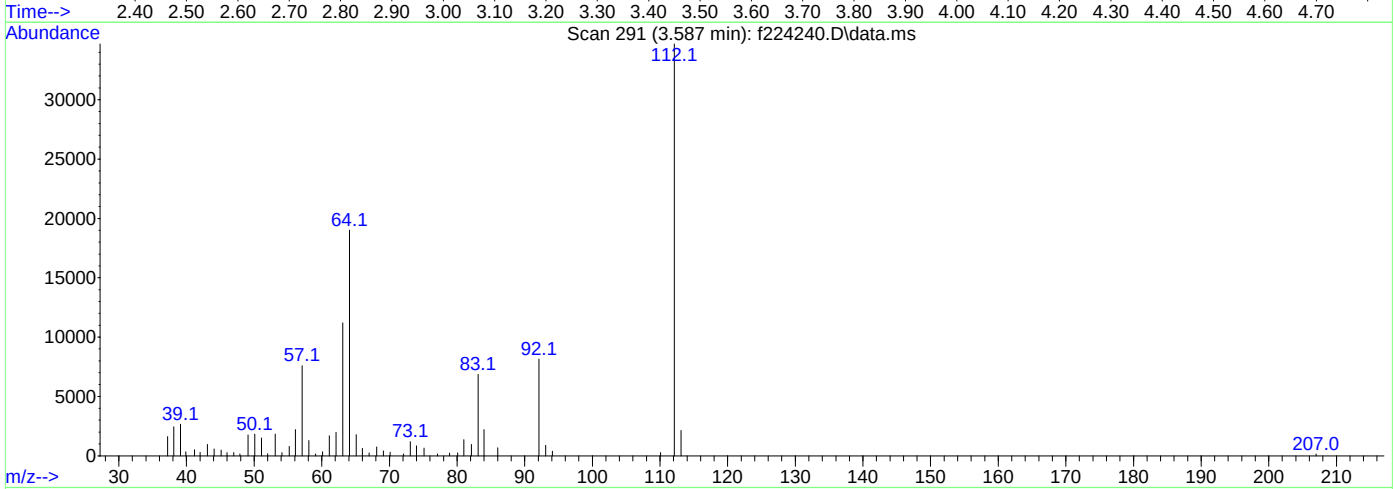
Ion	Exp%	Act%
112.10	100	100
64.10	52.70	55.87
63.10	29.30	32.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224240.D
Acq On : 28 Jan 2025 9:59 am
Operator : kaleigh
Sample : op61138-bs1 Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 28 16:50:49 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration





TIC: f224240.D\data.ms

(5) 2-Fluorophenol (S)

3.587min (+0.005) 26.18ppm m

response 46064

Ion	Exp%	Act%
112.10	100	100
64.10	52.70	54.78
63.10	29.30	32.28
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Jacky Takeuchi
01/28/25 18:41

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224241.D
Acq On : 28 Jan 2025 10:25 am
Operator : kaleigh
Sample : op61138-bsd Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 28 16:55:13 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	4.532	152	59190	40.00	ppm		0.00
24) Naphthalene-d8	5.446	136	222037	40.00	ppm		0.00
46) Acenaphthene-d10	6.781	164	112608	40.00	ppm		0.00
69) Phenanthrene-d10	8.341	188	197628	40.00	ppm		0.00
83) Chrysene-d12	12.124	240	170928	40.00	ppm		0.00
92) Perylene-d12	14.212	264	179111	40.00	ppm		0.00
102) 1,4-Dichlorobenzene-d4A	4.532	152	59190	40.00	ppm		0.00
112) Naphthalene-d8A	5.446	136	222037	40.00	ppm		0.00
121) Acenaphthene-d10A	6.781	164	112608	40.00	ppm		0.00
132) Phenanthrene-d10A	8.341	188	197628	40.00	ppm		0.00
147) Chrysene-d12A	12.124	240	170928	40.00	ppm		0.00
154) Perylene-d12A	14.212	264	179111	40.00	ppm		0.00
157) 1,4-Dichlorobenzene-d4b	4.532	152	59190	40.00	ppm		0.00
159) Phenanthrene-d10b	8.341	188	197628	40.00	ppm		0.00
161) Naphthalene-d8b	5.446	136	222037	40.00	ppm		0.00
163) Naphthalene-d8c	5.446	136	222037	40.00	ppm		0.00
167) 1,4-Dichlorobenzene-d4c	4.532	152	59190	40.00	ppm		0.00
169) Chrysene-d12c	12.124	240	170928	40.00	ppm		0.00
171) Chrysene-d12d	12.124	240	170928	40.00	ppm		0.00
173) Naphthalene-d8d	5.446	136	222037	40.00	ppm		0.00
175) Chrysene-d12e	12.124	240	170928	40.00	ppm		0.00
177) Perylene-d12b	14.212	264	179111	40.00	ppm		0.00
179) Naphthalene-d8e	5.446	136	222037	40.00	ppm	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.587	112	35678m	22.44	ppm		0.00
Spiked Amount 50.000			Recovery = 44.88%				
8) Phenol-d5	4.297	99	26438	14.31	ppm		0.00
Spiked Amount 50.000			Recovery = 28.62%				
25) Nitrobenzene-d5	4.933	82	78038	49.31	ppm		0.00
Spiked Amount 50.000			Recovery = 98.62%				
51) 2-Fluorobiphenyl	6.226	172	171001	43.31	ppm		0.00
Spiked Amount 50.000			Recovery = 86.62%				
73) 2,4,6-Tribromophenol	7.551	330	18901	39.38	ppm		0.00
Spiked Amount 50.000			Recovery = 78.76%				
86) Terphenyl-d14	10.564	244	159532	39.91	ppm		0.00
Spiked Amount 50.000			Recovery = 79.82%				
Target Compounds							Qvalue
2) 1,4-Dioxane	2.150	88	14202	18.9953	ppm		94
3) Pyridine	2.460	79	34928	20.2091	ppm		99
4) N-Nitrosodimethylamine	2.427	42	21169	23.5692	ppm		98
6) Indene	4.714	116	100472	32.2656	ppm		96
7) Cumene	3.939	105	82578	24.2589	ppm		99
9) Phenol	4.308	94	30366	14.7153	ppm		91
10) Aniline	4.297	93	43775	16.7192	ppm		75
11) bis(2-Chloroethyl)ether	4.340	93	64685	40.0278	ppm		92
12) 2-Chlorophenol	4.388	128	61503	34.5988	ppm		95
13) Decane	4.409	43	38400	21.9148	ppm		94
14) 1,3-Dichlorobenzene	4.490	146	55982	26.5219	ppm		97
15) 1,4-Dichlorobenzene	4.543	146	56824	26.2906	ppm		99
16) Benzyl alcohol	4.639	108	35140	32.1880	ppm		87
17) 1,2-Dichlorobenzene	4.650	146	58376	28.2076	ppm		97
18) Acetophenone	4.826	105	105889	41.1277	ppm		94
19) 2-Methylphenol	4.735	108	46612	30.6747	ppm		95
20) 2,2'-oxybis(1-Chloropr...	4.725	121	19108	37.1365	ppm	#	88
21) 3&4-Methylphenol	4.848	108	94587	58.7994	ppm		96

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224241.D
Acq On : 28 Jan 2025 10:25 am
Operator : kaleigh
Sample : op61138-bsd Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 28 16:55:13 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
22) n-Nitroso-di-n-propyla...	4.826	70	53085	45.2109	ppm		96
23) Hexachloroethane	4.890	201	18605	22.3354	ppm		99
26) Nitrobenzene	4.949	77	77144	45.3976	ppm		94
27) Quinoline	5.708	129	151603	43.7969	ppm		99
28) Isophorone	5.120	82	146270	47.1016	ppm		97
29) 2-Nitrophenol	5.179	139	40298	48.9949	ppm		84
30) 2,4-Dimethylphenol	5.216	107	69017	40.2443	ppm		99
31) Benzoic acid	5.296	105	15438	19.0557	ppm		96
32) bis(2-Chloroethoxy)met...	5.275	93	90989	44.9306	ppm		99
33) 2,4-Dichlorophenol	5.366	162	58640	38.6326	ppm		97
34) 2,6-Dichlorophenol	5.510	162	60659	39.0638	ppm		98
35) 1,3,5-Trichlorobenzene	5.179	180	46558	23.5941	ppm		98
36) 1,2,4-Trichlorobenzene	5.403	180	47990	26.1393	ppm		95
37) 1,2,3-Trichlorobenzene	5.563	180	51202	27.3993	ppm		99
38) Naphthalene	5.462	128	187499	35.0142	ppm		98
39) 4-Chloroaniline	5.510	127	58360	26.2550	ppm		95
40) 2,3-Dichloroaniline	6.167	161	72106	39.1619	ppm		97
42) Hexachlorobutadiene	5.542	225	24720	21.0091	ppm		98
43) 4-Chloro-3-methylphenol	5.868	107	60837	44.4774	ppm		97
44) 2-Methylnaphthalene	5.953	141	114449	35.5173	ppm		99
45) 1-Methylnaphthalene	6.023	142	120446	35.8134	ppm		96
47) Hexachlorocyclopentadiene	6.066	237	56688	51.5183	ppm		99
48) 1,2,4,5-tetrachloroben...	6.076	216	62822	33.2576	ppm		98
49) 2,4,6-Trichlorophenol	6.172	196	43635	39.8470	ppm		88
50) 2,4,5-Trichlorophenol	6.220	196	49087	39.1530	ppm		98
52) 2-Chloronaphthalene	6.322	162	130301	38.3594	ppm		98
53) Biphenyl	6.306	154	175262	40.1963	ppm		99
54) 2-Nitroaniline	6.413	65	43794	57.2751	ppm		91
55) Dimethylphthalate	6.552	163	169664	45.5422	ppm		99
56) Acenaphthylene	6.659	152	210474	44.7946	ppm		98
57) 2,6-Dinitrotoluene	6.610	165	34475	48.8622	ppm		100
58) 3-Nitroaniline	6.765	138	35449	43.6210	ppm		98
59) Acenaphthene	6.813	153	151946	41.9629	ppm		98
60) 2,4-Dinitrophenol	6.862	184	43921	111.5042	ppm	#	72
61) 4-Nitrophenol	6.968	109	9303	19.9447	ppm	#	1
62) Dibenzofuran	6.968	168	209821	41.7573	ppm		96
63) 2,4-Dinitrotoluene	6.968	165	52139	51.9336	ppm		76
64) 2,3,4,6-Tetrachlorophenol	7.091	232	37509	38.7980	ppm		92
65) Diethylphthalate	7.187	149	185397	47.3539	ppm		99
66) Fluorene	7.300	166	171969	44.2485	ppm		98
67) 4-Chlorophenyl-phenyle...	7.300	204	79399	37.6497	ppm		96
68) 4-Nitroaniline	7.342	138	35481	40.9648	ppm		94
70) 4,6-Dinitro-2-methylph...	7.369	198	28002	60.9347	ppm		93
71) n-Nitrosodiphenylamine	7.422	169	141526	48.6525	ppm		99
72) 1,2-Diphenylhydrazine	7.460	77	176508	57.4008	ppm		96
74) 4-Bromophenyl-phenylether	7.818	248	42914	40.5528	ppm		90
75) Hexachlorobenzene	7.882	284	43902	38.6570	ppm		93
76) Pentachlorophenol	8.128	266	54957	76.0327	ppm		96
77) Phenanthrene	8.368	178	239504	45.6007	ppm		97
78) Anthracene	8.432	178	238296	46.1471	ppm		99
79) Carbazole	8.657	167	227945	48.1616	ppm		99
80) Di-n-butylphthalate	9.143	149	310715	55.5996	ppm		99
81) Fluoranthene	9.960	202	268874	47.3366	ppm		97
82) Octadecane	8.235	57	109710	61.8258	ppm		98
85) Pyrene	10.281	202	279228	49.4345	ppm		98
87) Butylbenzylphthalate	11.354	149	135611	61.3954	ppm		99
88) Benzo[a]anthracene	12.108	228	235340	46.3282	ppm		97
89) 3,3'-Dichlorobenzidine	12.124	252	54261	30.0226	ppm		93

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224241.D
Acq On : 28 Jan 2025 10:25 am
Operator : kaleigh
Sample : op61138-bsd Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 28 16:55:13 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration

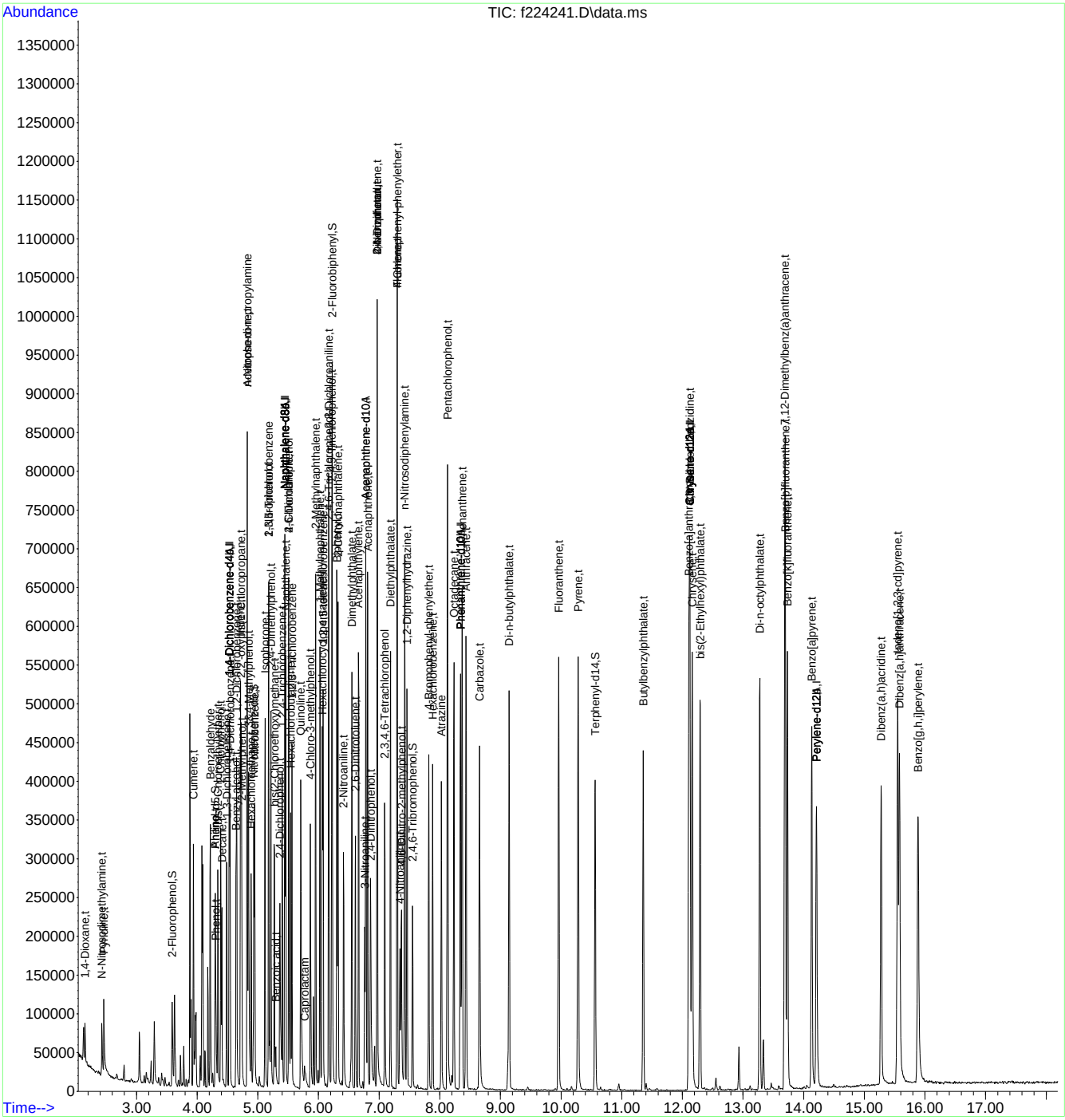
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Chrysene	12.161	228	246013	45.4604	ppm	99
91) bis(2-Ethylhexyl)phtha...	12.295	149	206665	59.1956	ppm	100
93) Di-n-octylphthalate	13.278	149	349554	61.6522	ppm	99
94) Benzo[b]fluoranthene	13.700	252	253749	50.0148	ppm	97
95) Benzo[k]fluoranthene	13.732	252	239422	46.7667	ppm	99
96) Benzo[a]pyrene	14.132	252	211852	50.4038	ppm	97
97) Indeno[1,2,3-cd]pyrene	15.548	276	229749m	47.7746	ppm	
98) Dibenz(a,h)acridine	15.276	279	182315	48.0922	ppm	97
99) Dibenz[a,h]anthracene	15.580	278	225154	50.7405	ppm	97
100) 7,12-Dimethylbenz(a)an...	13.689	256	92869	42.0980	ppm	99
101) Benzo[g,h,i]perylene	15.885	276	216392	50.8082	ppm	99
158) Benzaldehyde	4.217	105	54196	31.9801	ppm	98
160) Atrazine	8.026	200	43836	46.7423	ppm	98
162) Caprolactam	5.772	55	7838	10.2243	ppm	98

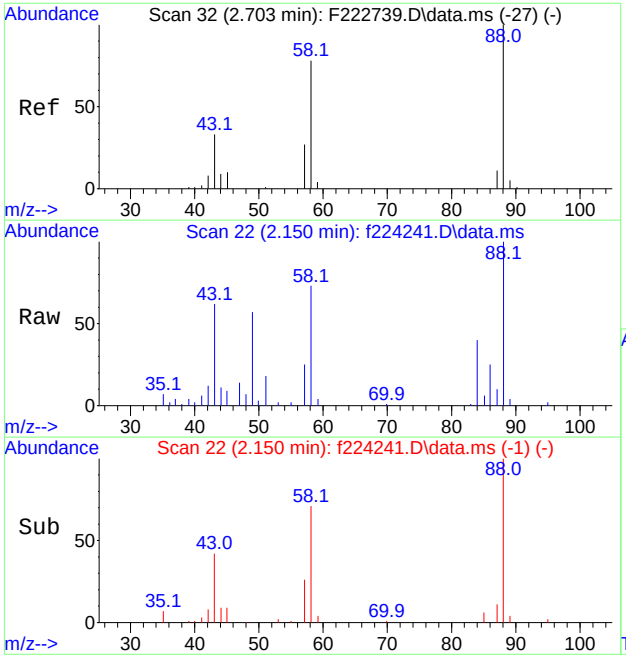
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224241.D
Acq On : 28 Jan 2025 10:25 am
Operator : kaleigh
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Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 28 16:55:13 2025
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QLast Update : Tue Jan 28 16:29:42 2025
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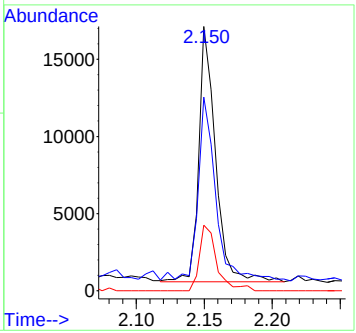


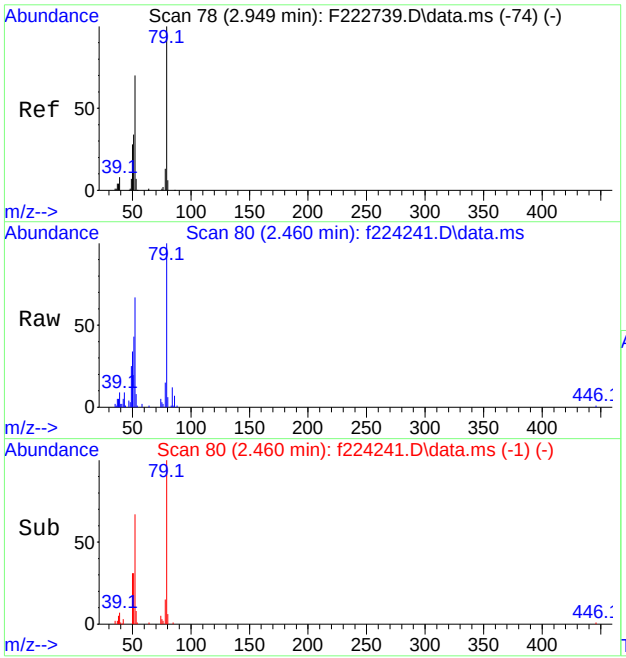


#2
1,4-Dioxane
Concen: 18.9953 ppm
RT: 2.150 min Scan# 22
Delta R.T. 0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 88 Resp: 14202

Ion	Ratio	Lower	Upper
88	100		
58	71.5	35.8	95.8
57	25.8	0.0	55.0

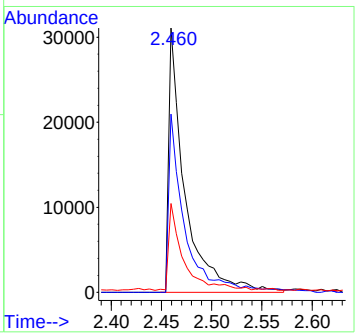


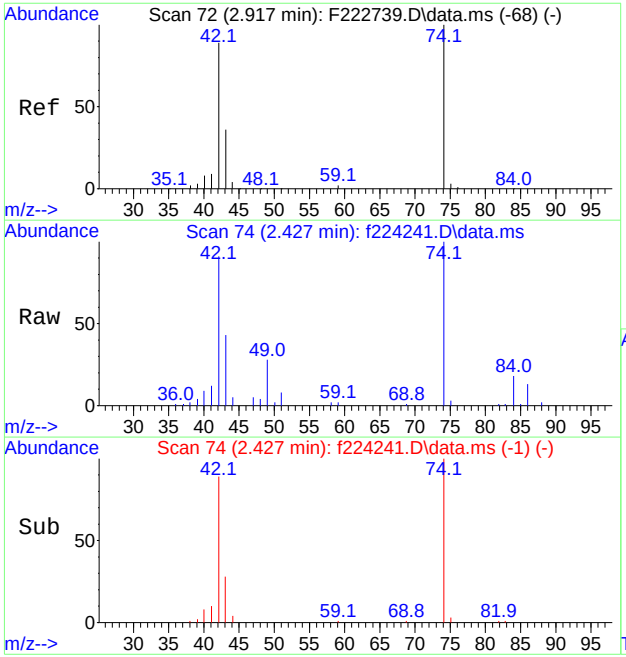


#3
Pyridine
Concen: 20.2091 ppm
RT: 2.460 min Scan# 80
Delta R.T. 0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 79 Resp: 34928

Ion	Ratio	Lower	Upper
79	100		
52	67.2	36.6	96.6
50	32.8	1.4	61.4

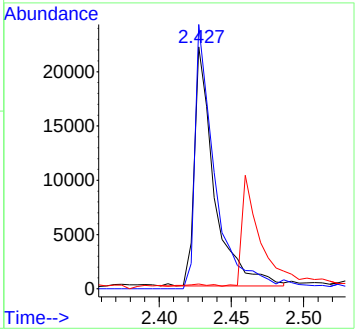


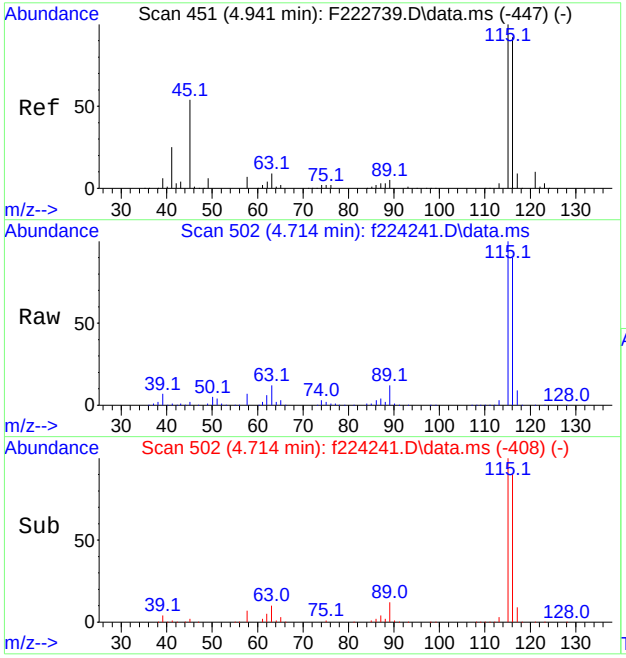


#4
N-Nitrosodimethylamine
Concen: 23.5692 ppm
RT: 2.427 min Scan# 74
Delta R.T. 0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 42 Resp: 21169

Ion	Ratio	Lower	Upper
42	100		
74	109.4	77.0	137.0
50	0.0	0.0	30.0

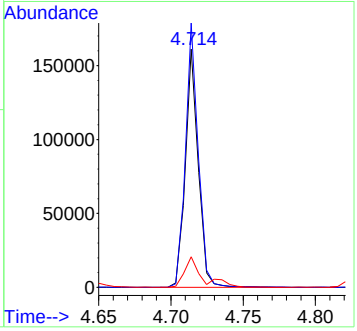


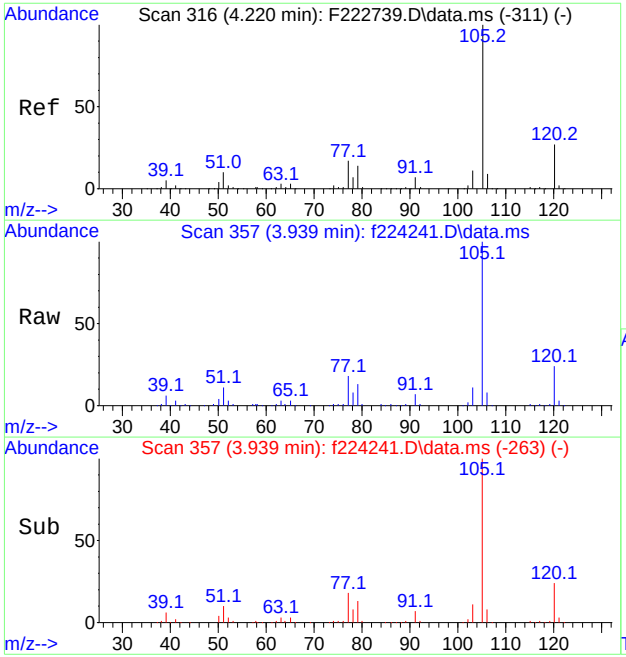


#6
Indene
Concen: 32.2656 ppm
RT: 4.714 min Scan# 502
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:116 Resp: 100472

Ion	Ratio	Lower	Upper
116	100		
115	111.0	76.6	136.6
63	12.9	0.0	43.8

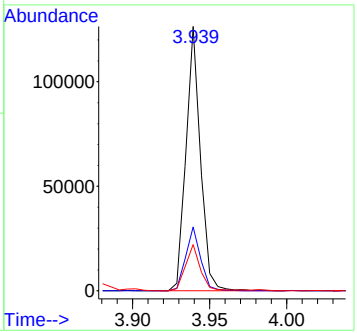


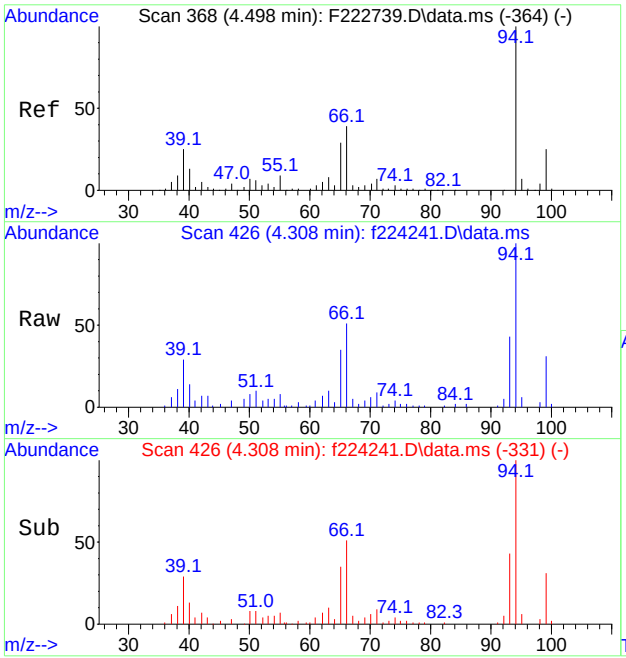


#7
Cumene
Concen: 24.2589 ppm
RT: 3.939 min Scan# 357
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:105 Resp: 82578

Ion	Ratio	Lower	Upper
105	100		
120	24.2	0.0	54.5
77	17.5	0.0	47.2

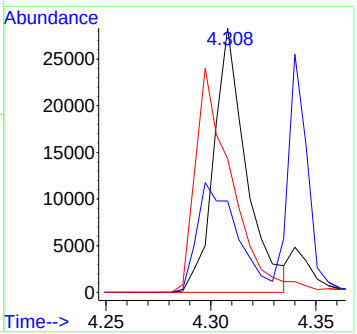


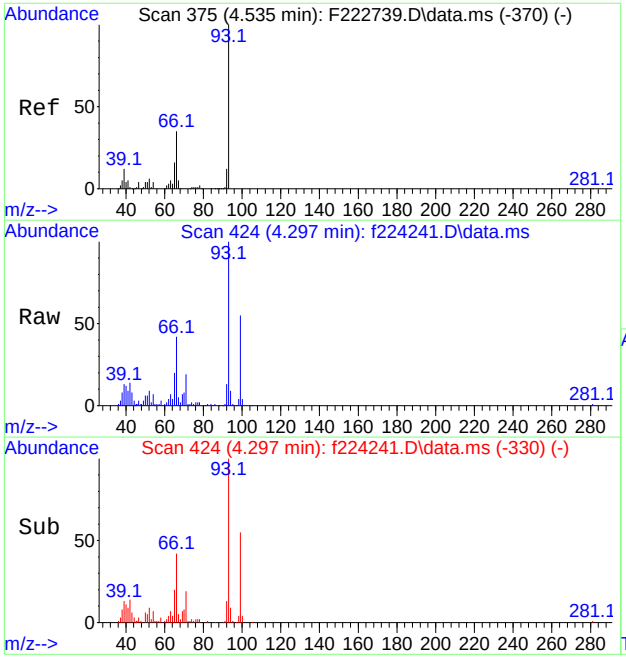


#9
Phenol
Concen: 14.7153 ppm
RT: 4.308 min Scan# 426
Delta R.T. 0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 94 Resp: 30366

Ion	Ratio	Lower	Upper
94	100		
65	25.7	4.2	64.2
66	51.2	24.4	84.4

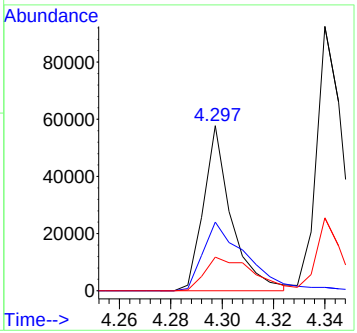


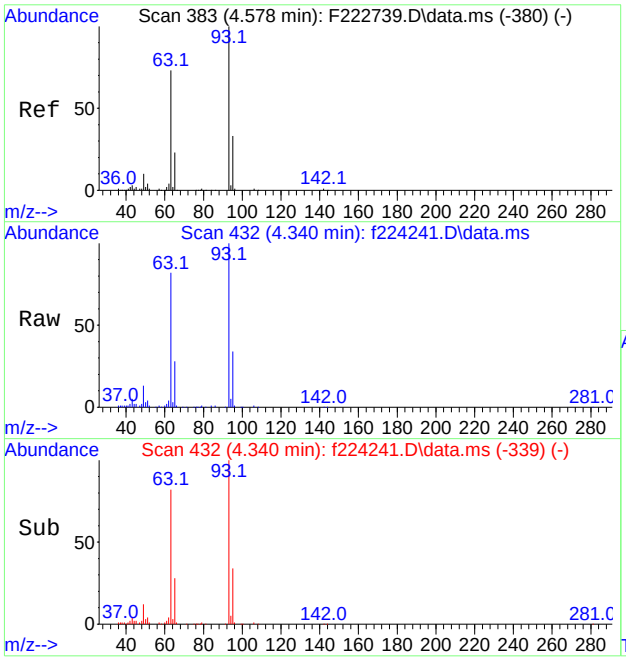


#10
Aniline
Concen: 16.7192 ppm
RT: 4.297 min Scan# 424
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 93 Resp: 43775

Ion	Ratio	Lower	Upper
93	100		
66	40.2	27.8	87.8
65	19.2	5.6	65.6

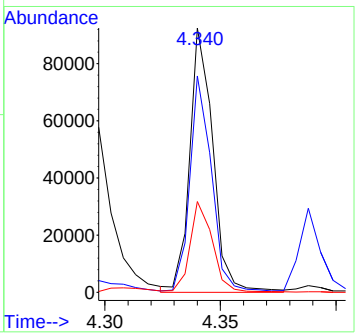


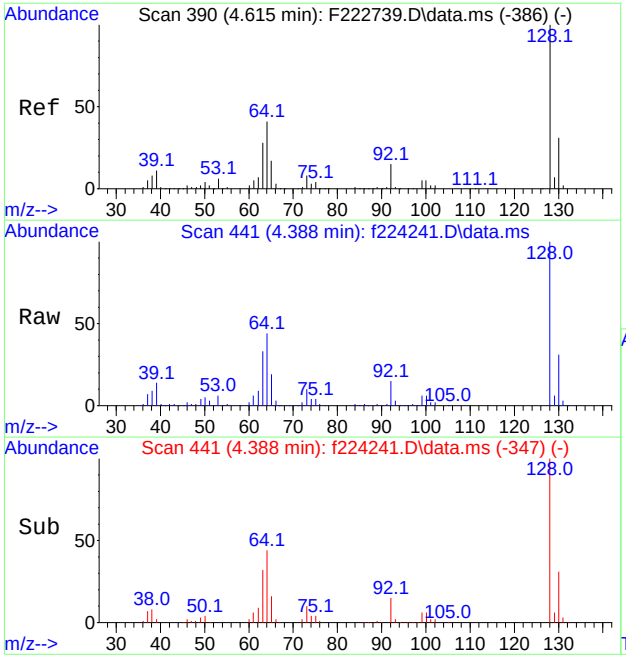


#11
bis(2-Chloroethyl)ether
Concen: 40.0278 ppm
RT: 4.340 min Scan# 432
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 93 Resp: 64685

Ion	Ratio	Lower	Upper
93	100		
63	82.5	43.9	103.9
95	34.5	2.9	62.9

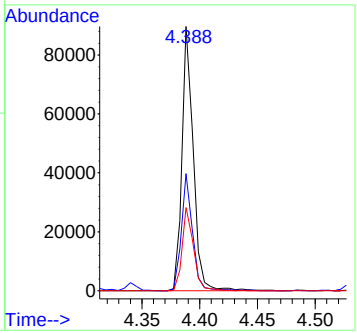


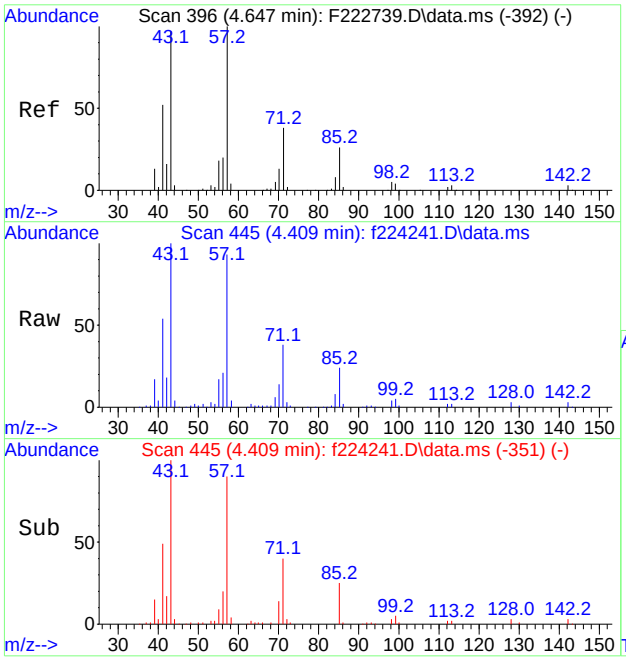


#12
2-Chlorophenol
Concen: 34.5988 ppm
RT: 4.388 min Scan# 441
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:128 Resp: 61503

Ion	Ratio	Lower	Upper
128	100		
64	44.3	9.8	69.8
130	31.5	0.0	59.8

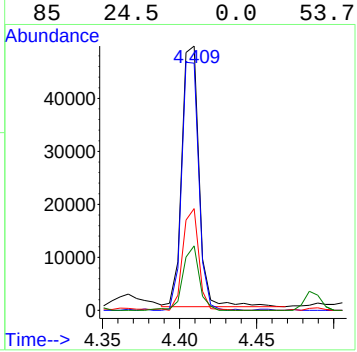


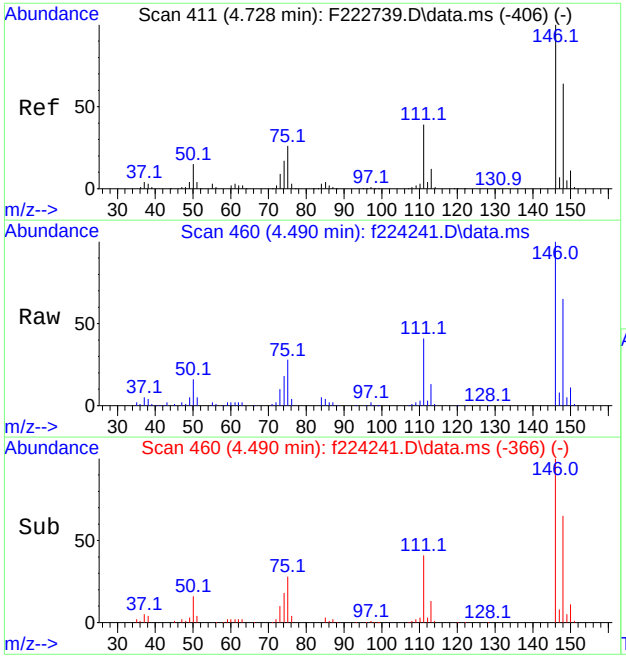


#13
Decane
Concen: 21.9148 ppm
RT: 4.409 min Scan# 445
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 43 Resp: 38400

Ion	Ratio	Lower	Upper
43	100		
57	95.1	72.5	132.5
71	38.9	5.7	65.7
85	24.5	0.0	53.7

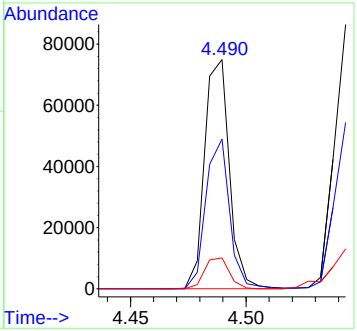


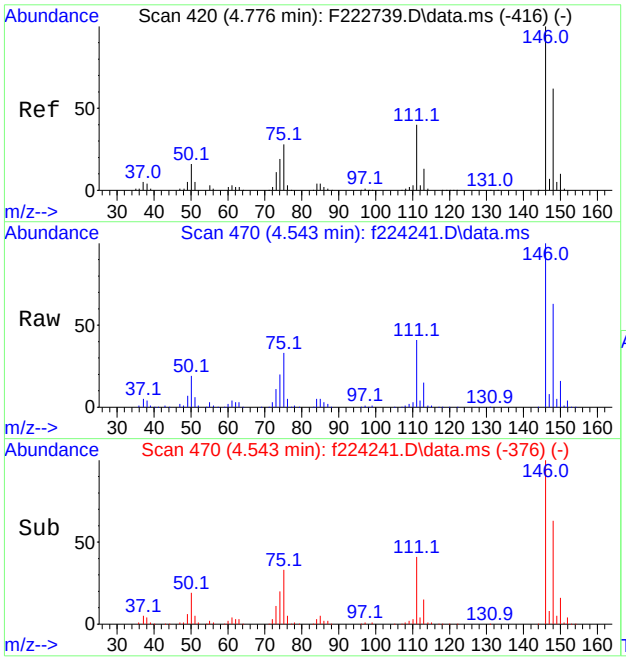


#14
1,3-Dichlorobenzene
Concen: 26.5219 ppm
RT: 4.490 min Scan# 460
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:146 Resp: 55982

Ion	Ratio	Lower	Upper
146	100		
148	65.3	32.7	92.7
113	13.5	0.0	42.3

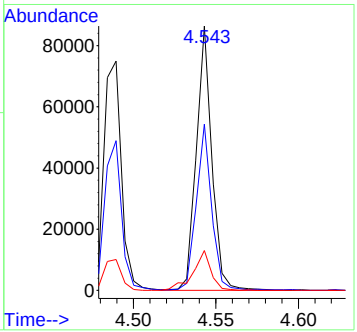


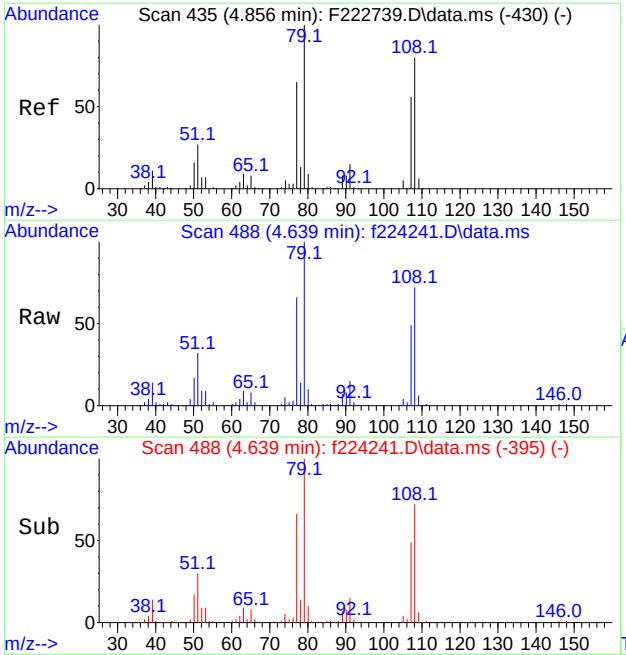


#15
1,4-Dichlorobenzene
Concen: 26.2906 ppm
RT: 4.543 min Scan# 470
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:146 Resp: 56824

Ion	Ratio	Lower	Upper
146	100		
148	62.7	33.1	93.1
113	15.1	0.0	43.1

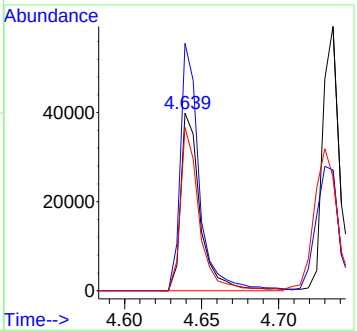


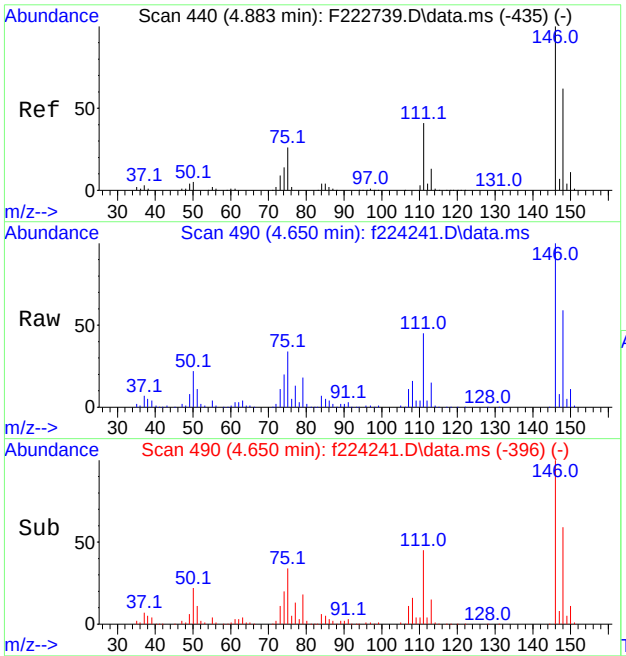


#16
Benzyl alcohol
Concen: 32.1880 ppm
RT: 4.639 min Scan# 488
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:108 Resp: 35140

Ion	Ratio	Lower	Upper
108	100		
79	139.3	92.2	152.2
77	91.9	52.5	112.5

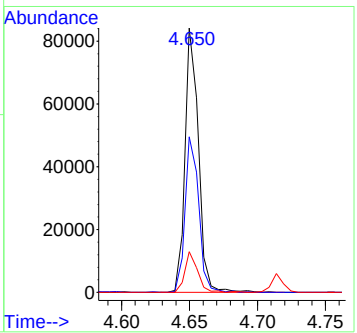


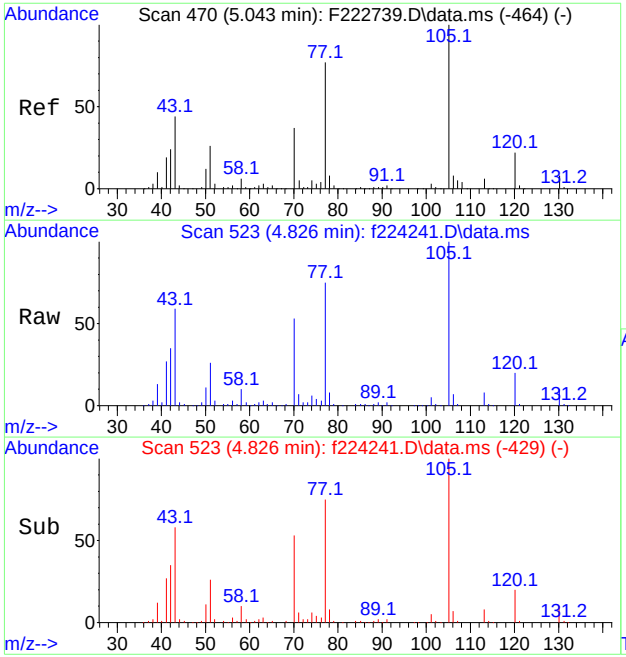


#17
1,2-Dichlorobenzene
Concen: 28.2076 ppm
RT: 4.650 min Scan# 490
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:146 Resp: 58376

Ion	Ratio	Lower	Upper
146	100		
148	58.8	31.7	91.7
113	13.8	0.0	43.7

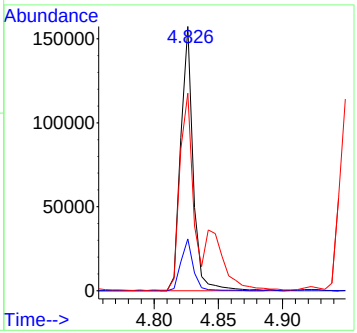


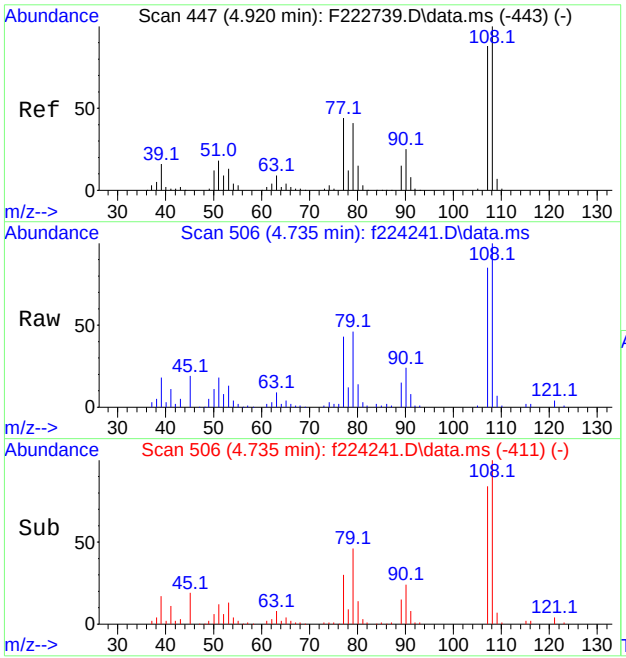


#18
Acetophenone
Concen: 41.1277 ppm
RT: 4.826 min Scan# 523
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:105 Resp: 105889

Ion	Ratio	Lower	Upper
105	100		
120	19.6	0.0	49.3
77	74.5	51.3	111.3

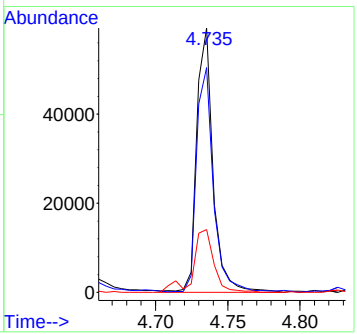


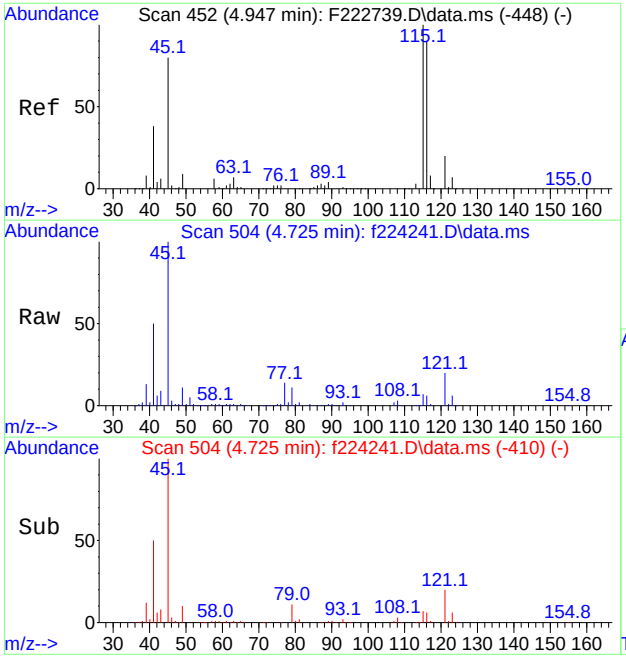


#19
2-Methylphenol
Concen: 30.6747 ppm
RT: 4.735 min Scan# 506
Delta R.T. 0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:108 Resp: 46612

Ion	Ratio	Lower	Upper
108	100		
107	84.6	58.9	118.9
90	23.8	0.0	56.1

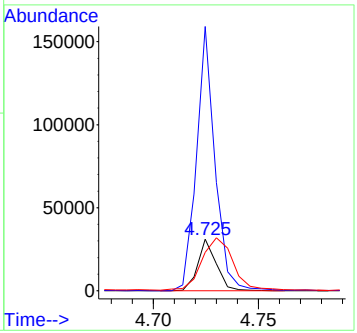


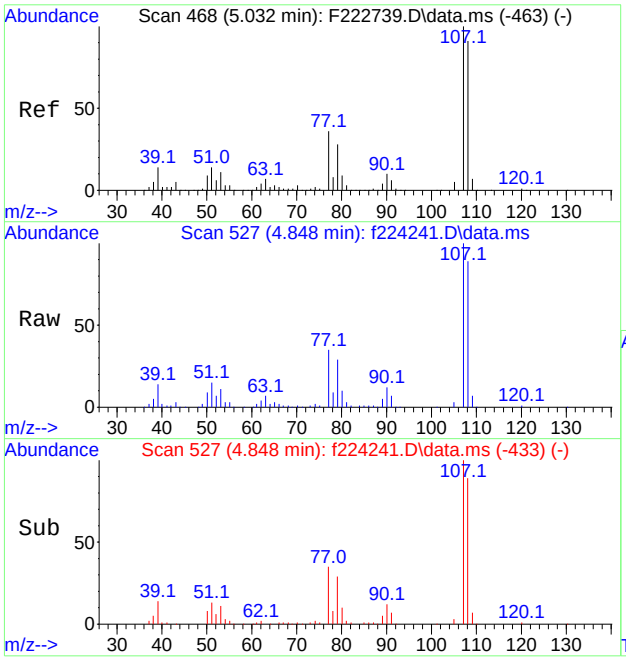


#20
2,2'-oxybis(1-Chloropropane
Concen: 37.1365 ppm
RT: 4.725 min Scan# 504
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:121 Resp: 19108

Ion	Ratio	Lower	Upper
121	100		
45	512.0	513.2	573.2#
77	72.7	62.1	122.1

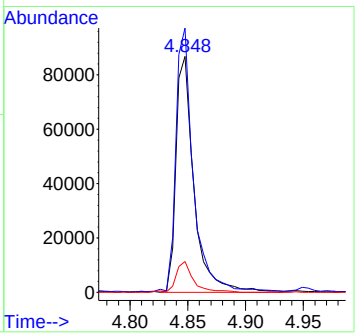


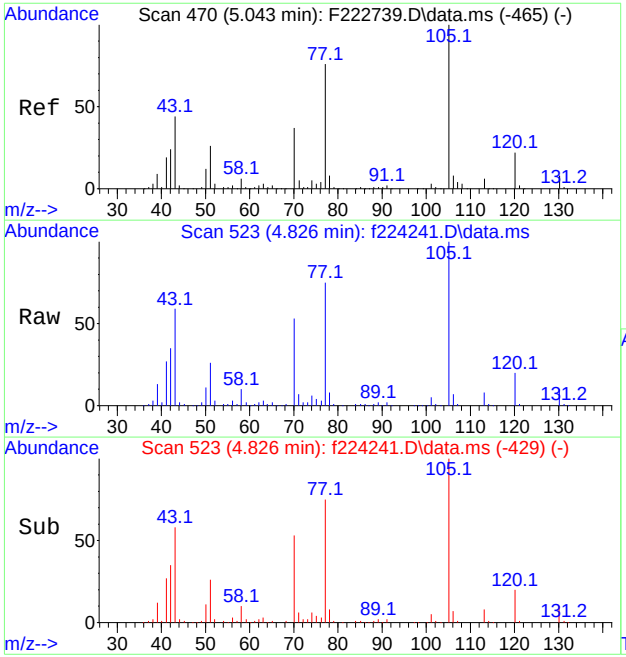


#21
3&4-Methylphenol
Concen: 58.7994 ppm
RT: 4.848 min Scan# 527
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:108 Resp: 94587

Ion	Ratio	Lower	Upper
108	100		
107	111.5	77.4	137.4
90	12.8	0.0	41.3

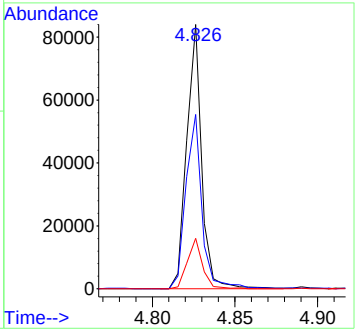


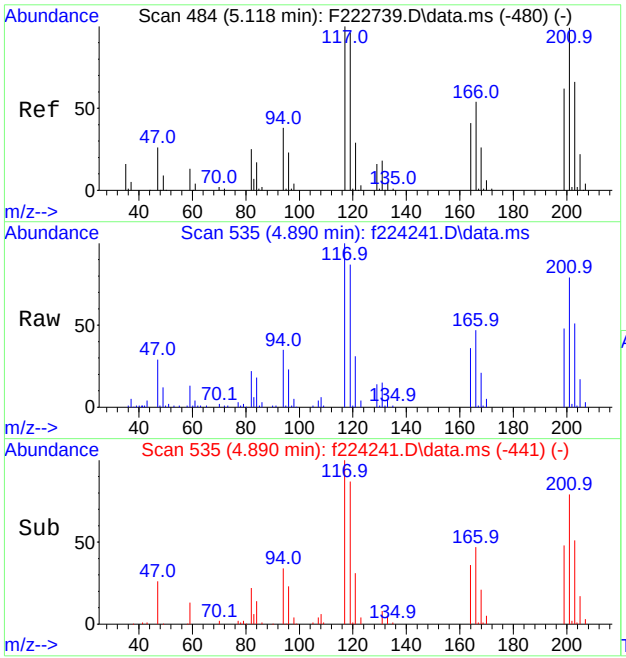


#22
n-Nitroso-di-n-propylamine
Concen: 45.2109 ppm
RT: 4.826 min Scan# 523
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 70 Resp: 53085

Ion	Ratio	Lower	Upper
70	100		
42	65.9	48.1	89.3
130	19.1	12.1	22.5

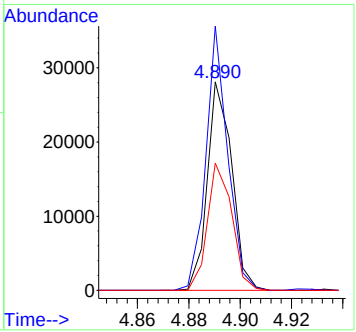


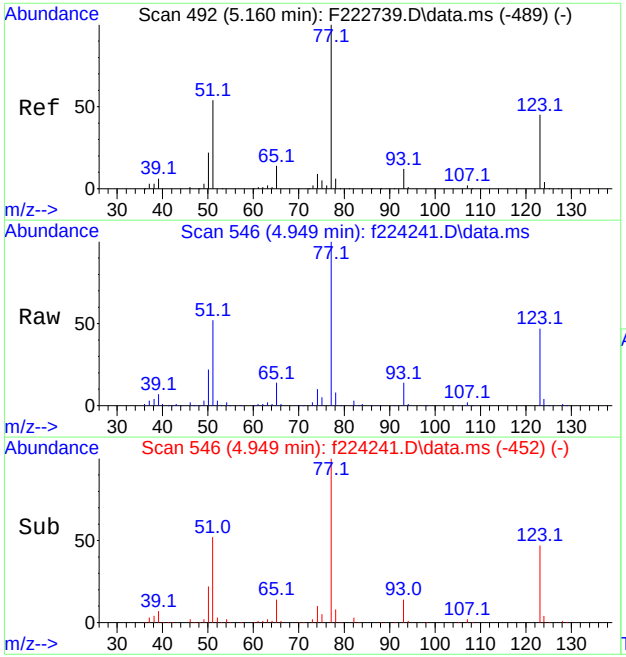


#23
Hexachloroethane
Concen: 22.3354 ppm
RT: 4.890 min Scan# 535
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:201 Resp: 18605

Ion	Ratio	Lower	Upper
201	100		
117	126.7	98.1	158.1
199	60.9	31.6	91.6

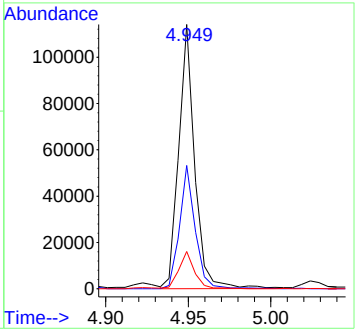


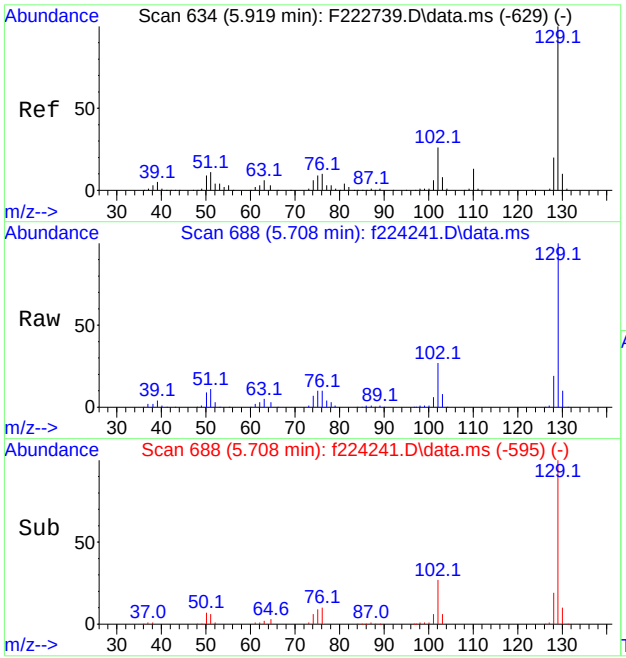


#26
Nitrobenzene
Concen: 45.3976 ppm
RT: 4.949 min Scan# 546
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 77 Resp: 77144

Ion	Ratio	Lower	Upper
77	100		
123	46.9	12.2	72.2
65	14.0	0.0	44.0

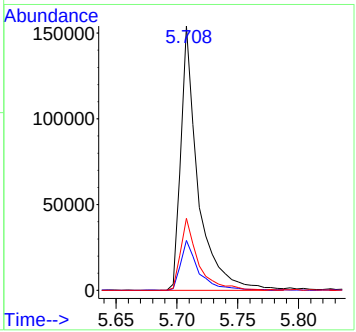


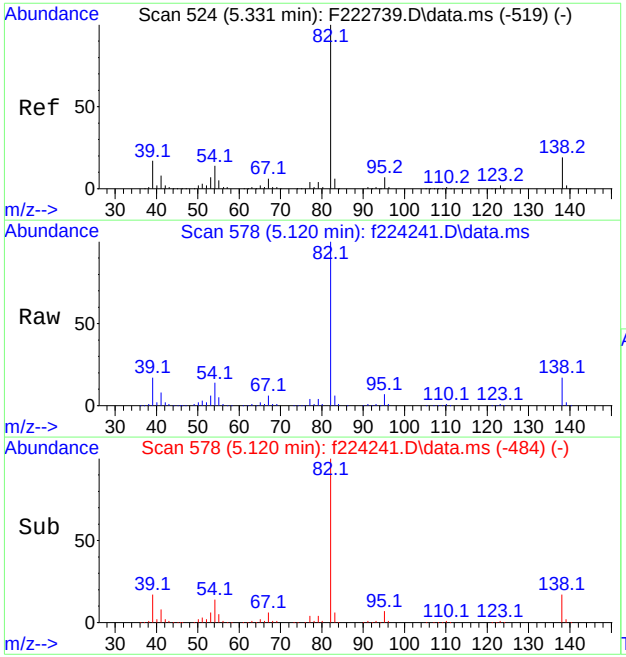


#27
Quinoline
Concen: 43.7969 ppm
RT: 5.708 min Scan# 688
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:129 Resp: 151603

Ion	Ratio	Lower	Upper
129	100		
128	18.8	0.0	49.2
102	27.2	0.0	57.9

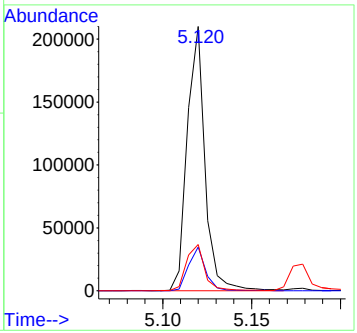


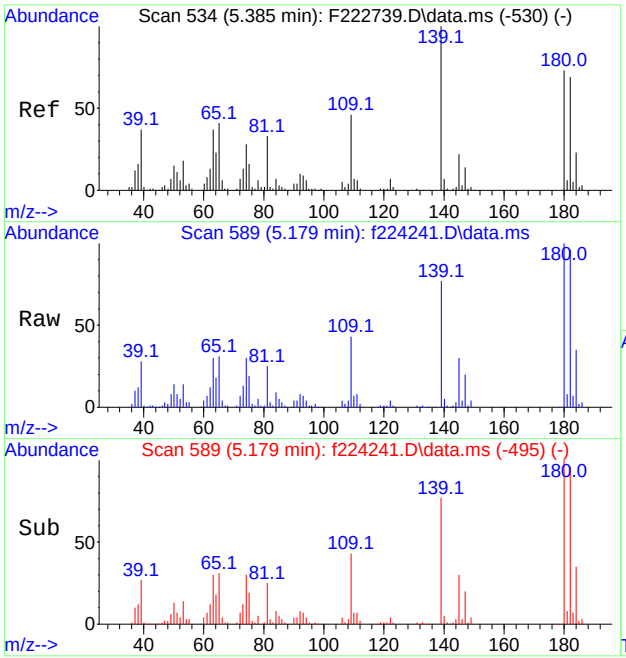


#28
Isophorone
Concen: 47.1016 ppm
RT: 5.120 min Scan# 578
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 82 Resp: 146270

Ion	Ratio	Lower	Upper
82	100		
138	16.6	0.0	45.5
39	16.7	0.0	48.5

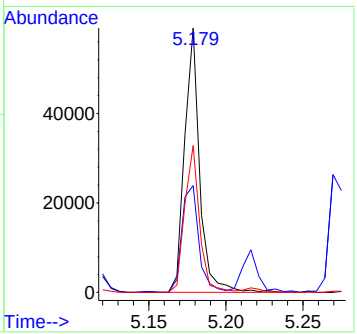


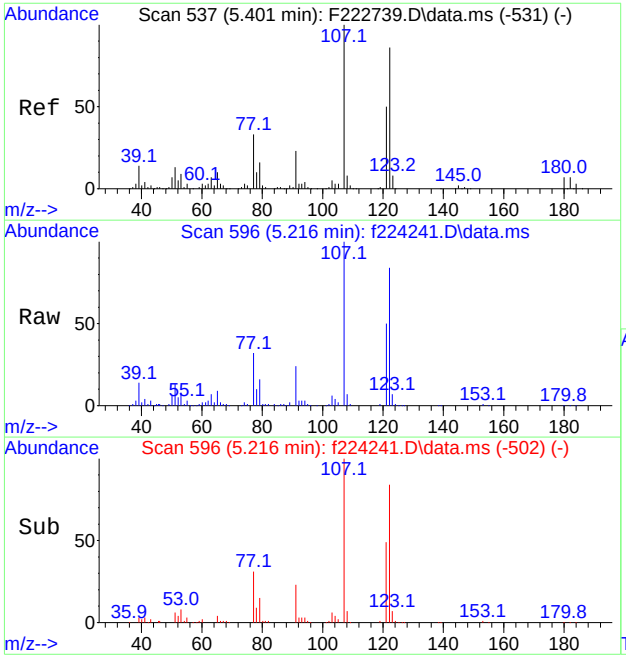


#29
2-Nitrophenol
Concen: 48.9949 ppm
RT: 5.179 min Scan# 589
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:139 Resp: 40298

Ion	Ratio	Lower	Upper
139	100		
65	40.2	15.5	75.5
109	55.5	42.7	102.7

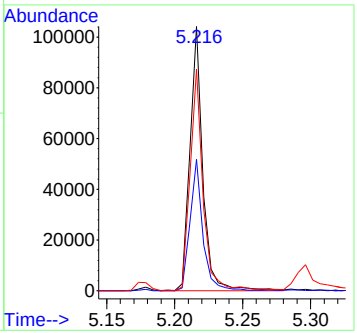


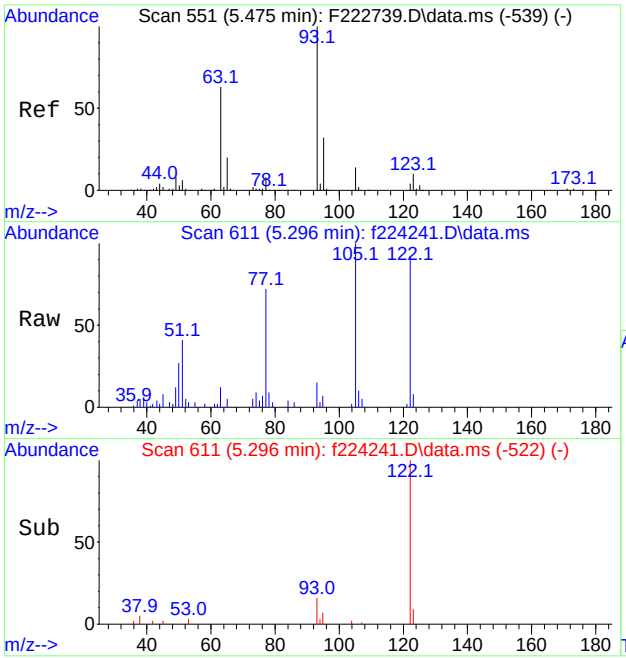


#30
2,4-Dimethylphenol
Concen: 40.2443 ppm
RT: 5.216 min Scan# 596
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:107 Resp: 69017

Ion	Ratio	Lower	Upper
107	100		
121	49.7	19.2	79.2
122	83.7	52.6	112.6

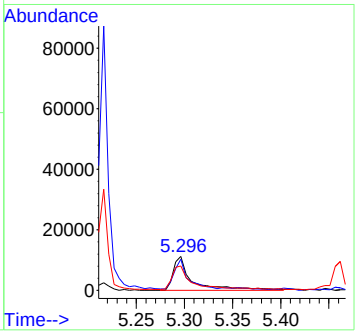


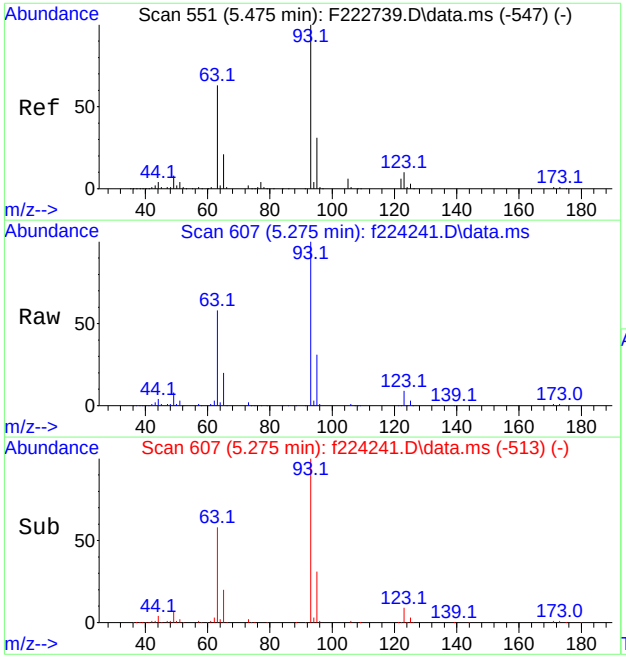


#31
Benzoic acid
Concen: 19.0557 ppm
RT: 5.296 min Scan# 611
Delta R.T. -0.027 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:105 Resp: 15438

Ion	Ratio	Lower	Upper
105	100		
122	87.1	56.0	116.0
77	69.4	46.0	106.0

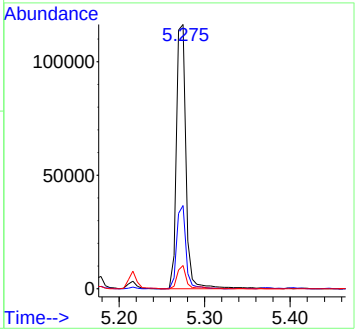


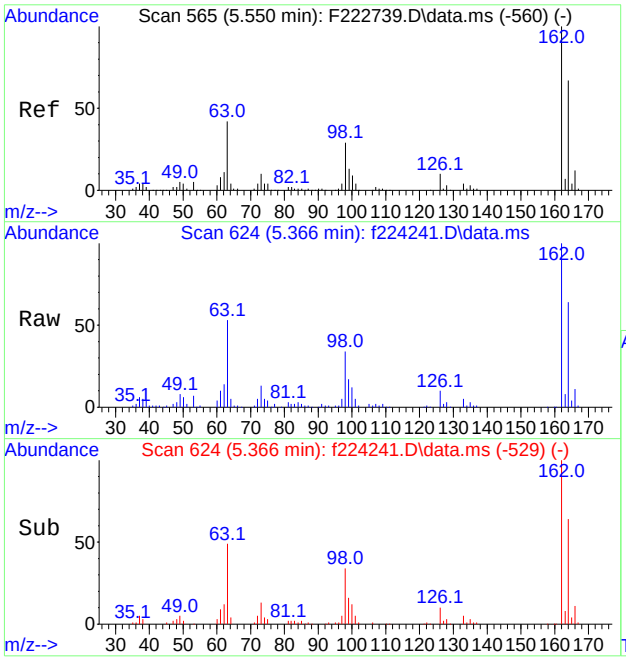


#32
bis(2-Chloroethoxy)methane
Concen: 44.9306 ppm
RT: 5.275 min Scan# 607
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 93 Resp: 90989

Ion	Ratio	Lower	Upper
93	100		
95	31.4	2.1	62.1
123	8.8	0.0	38.6

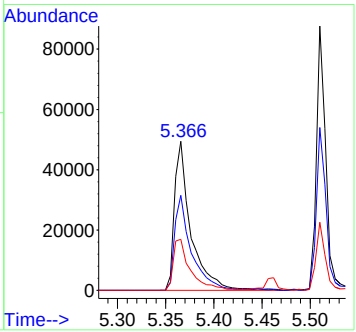


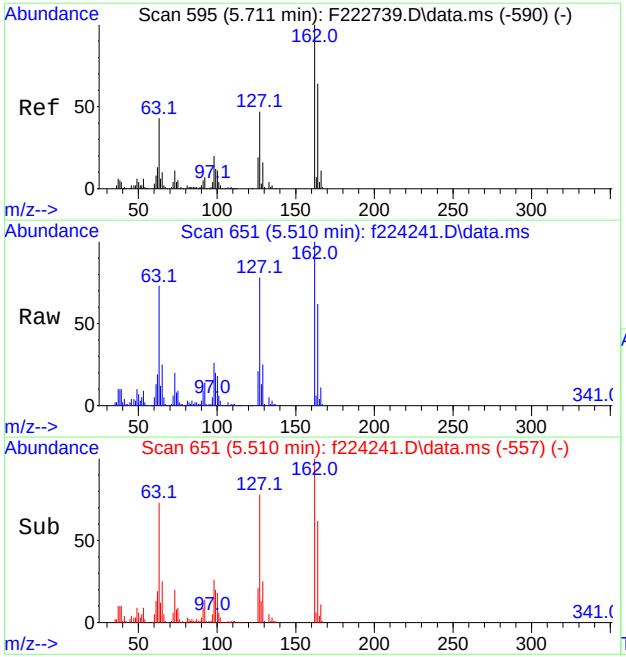


#33
2,4-Dichlorophenol
Concen: 38.6326 ppm
RT: 5.366 min Scan# 624
Delta R.T. 0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:162 Resp: 58640

Ion	Ratio	Lower	Upper
162	100		
164	63.8	35.1	95.1
98	33.7	7.5	67.5

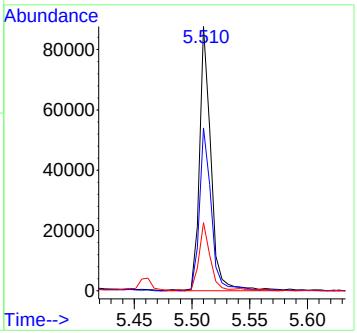


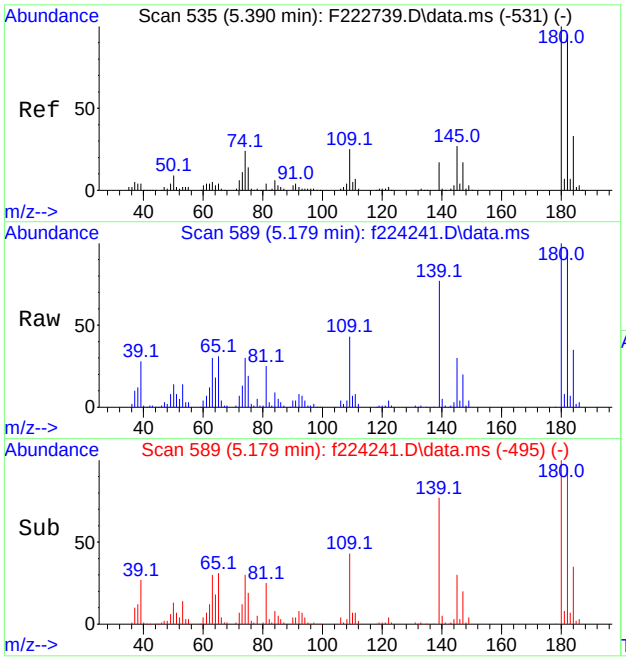


#34
2,6-Dichlorophenol
Concen: 39.0638 ppm
RT: 5.510 min Scan# 651
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:162 Resp: 60659

Ion	Ratio	Lower	Upper
162	100		
164	61.6	32.3	92.3
98	25.4	0.0	58.2

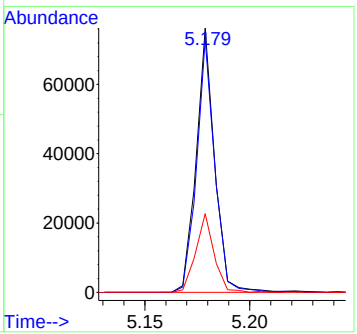


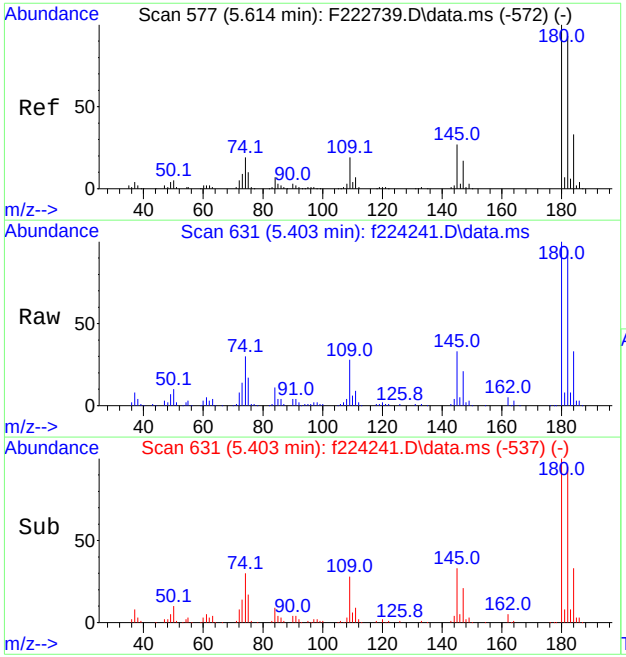


#35
1,3,5-Trichlorobenzene
Concen: 23.5941 ppm
RT: 5.179 min Scan# 589
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:180 Resp: 46558

Ion	Ratio	Lower	Upper
180	100		
182	95.7	64.7	124.7
145	29.9	2.4	62.4

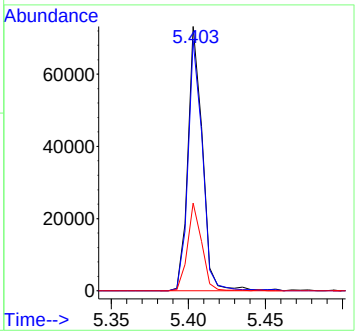


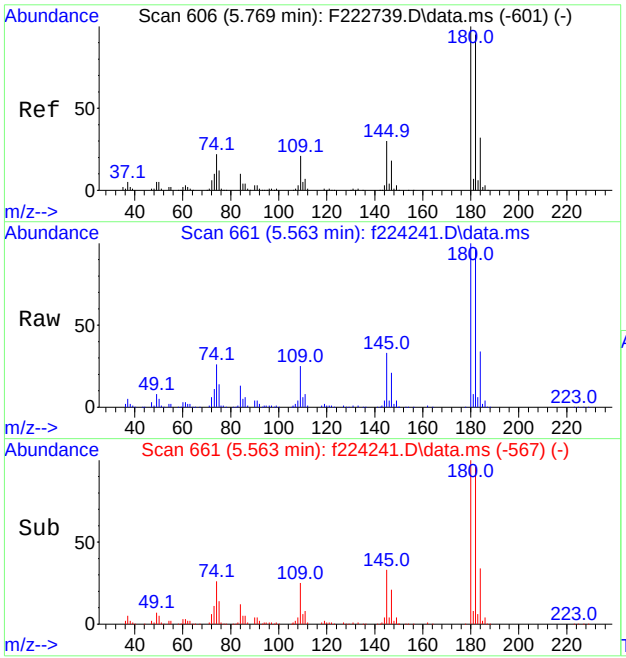


#36
1,2,4-Trichlorobenzene
Concen: 26.1393 ppm
RT: 5.403 min Scan# 631
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:180 Resp: 47990

Ion	Ratio	Lower	Upper
180	100		
182	94.6	70.3	130.3
145	33.2	4.4	64.4

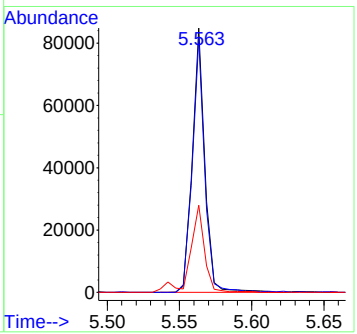


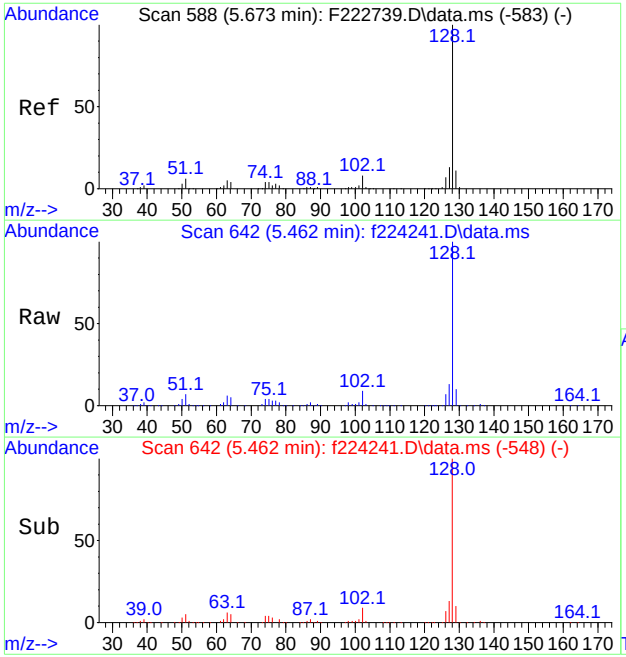


#37
1,2,3-Trichlorobenzene
Concen: 27.3993 ppm
RT: 5.563 min Scan# 661
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:180 Resp: 51202

Ion	Ratio	Lower	Upper
180	100		
182	95.7	64.9	124.9
145	32.3	3.4	63.4

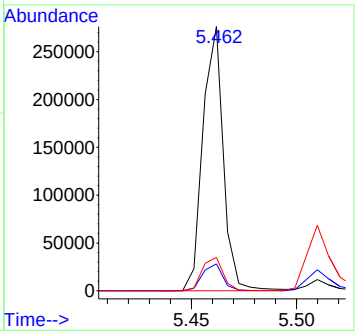


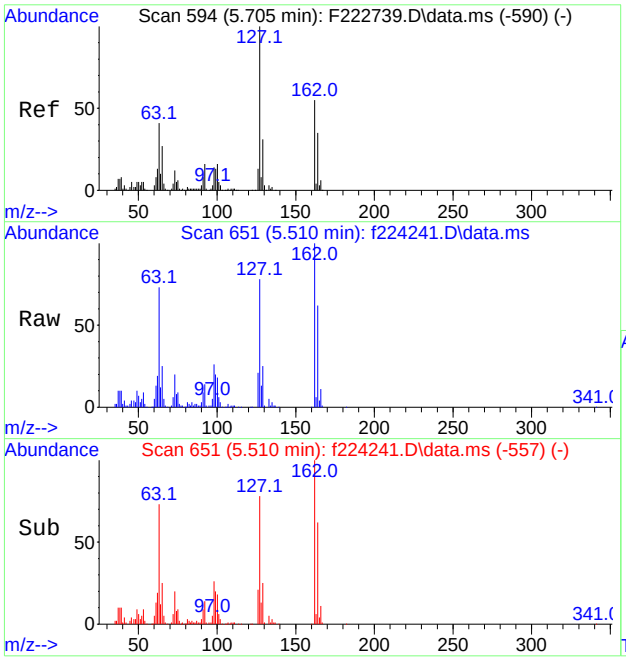


#38
Naphthalene
Concen: 35.0142 ppm
RT: 5.462 min Scan# 642
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:128 Resp: 187499

Ion	Ratio	Lower	Upper
128	100		
129	10.1	0.0	40.7
127	12.6	0.0	43.3

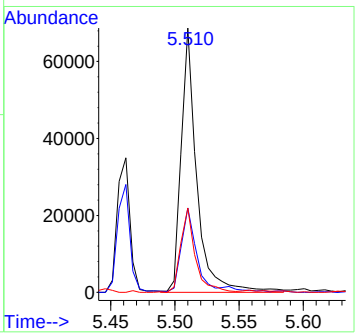


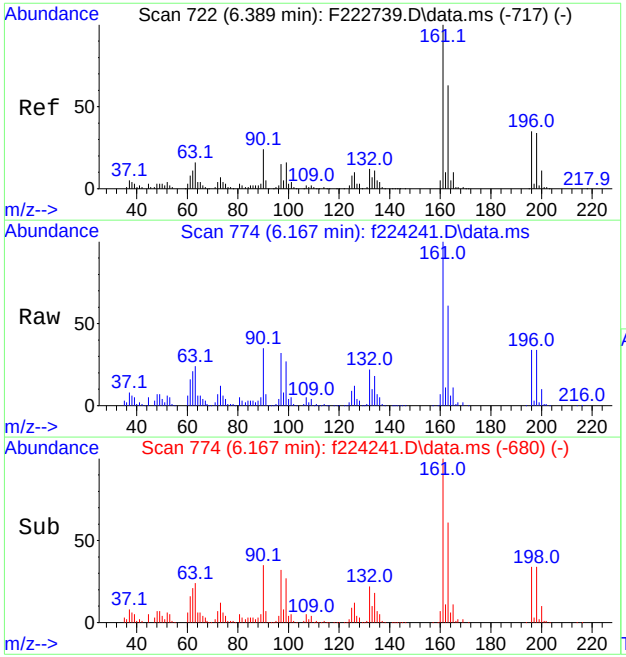


#39
4-Chloroaniline
Concen: 26.2550 ppm
RT: 5.510 min Scan# 651
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:127 Resp: 58360

Ion	Ratio	Lower	Upper
127	100		
129	31.6	0.9	60.9
65	31.7	0.0	56.7

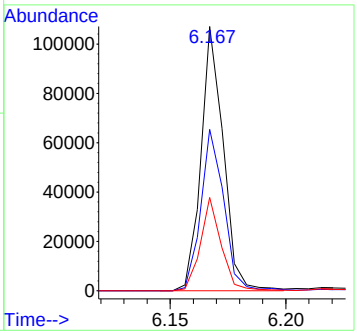


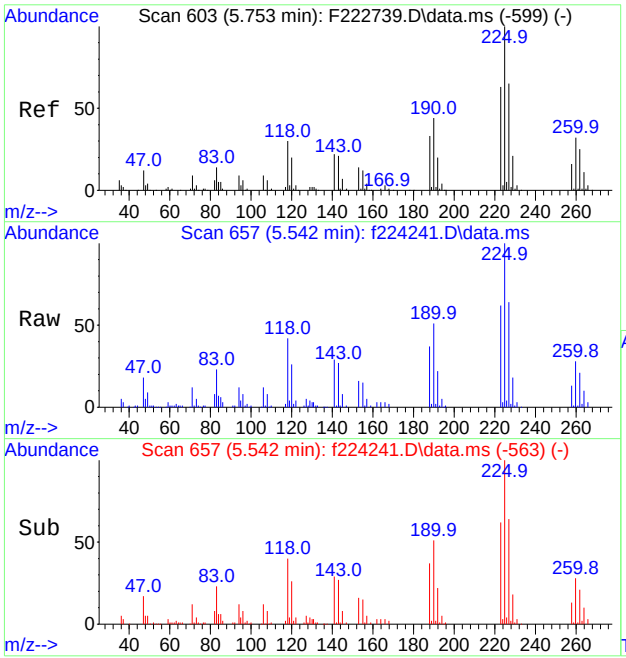


#40
2,3-Dichloroaniline
Concen: 39.1619 ppm
RT: 6.167 min Scan# 774
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:161 Resp: 72106

Ion	Ratio	Lower	Upper
161	100		
163	61.1	33.4	93.4
90	35.3	2.8	62.8

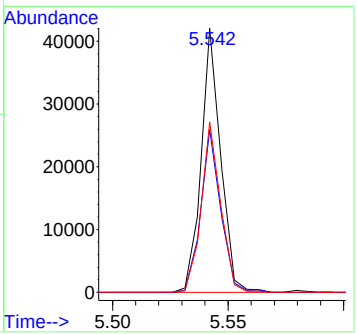


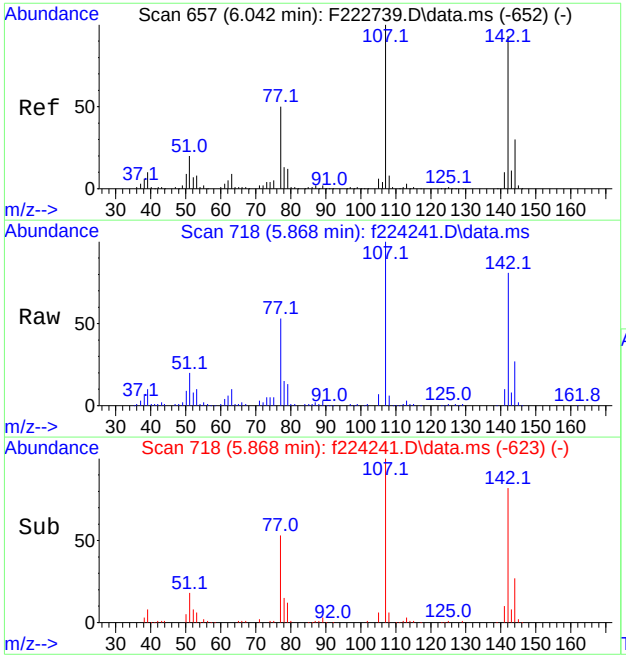


#42
Hexachlorobutadiene
Concen: 21.0091 ppm
RT: 5.542 min Scan# 657
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:225 Resp: 24720

Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.3	91.3
227	64.4	32.4	92.4

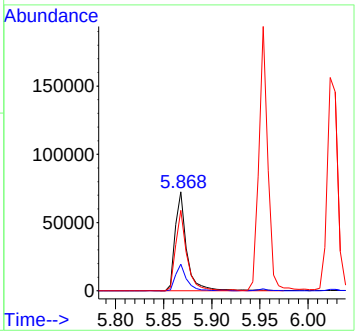


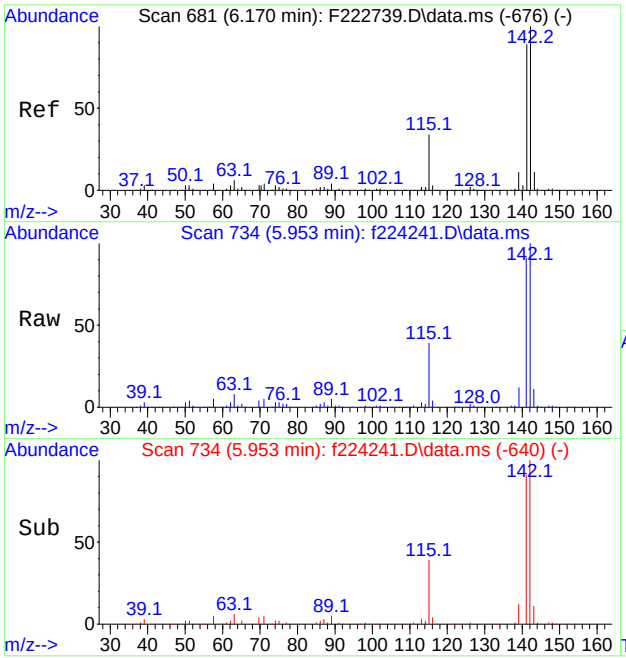


#43
4-Chloro-3-methylphenol
Concen: 44.4774 ppm
RT: 5.868 min Scan# 718
Delta R.T. 0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:107 Resp: 60837

Ion	Ratio	Lower	Upper
107	100		
144	26.9	0.0	54.8
142	79.8	47.5	107.5

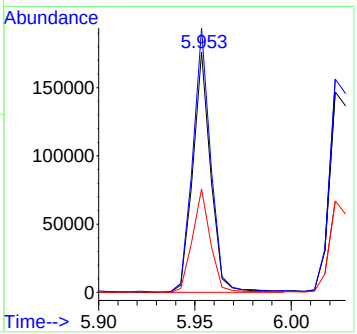


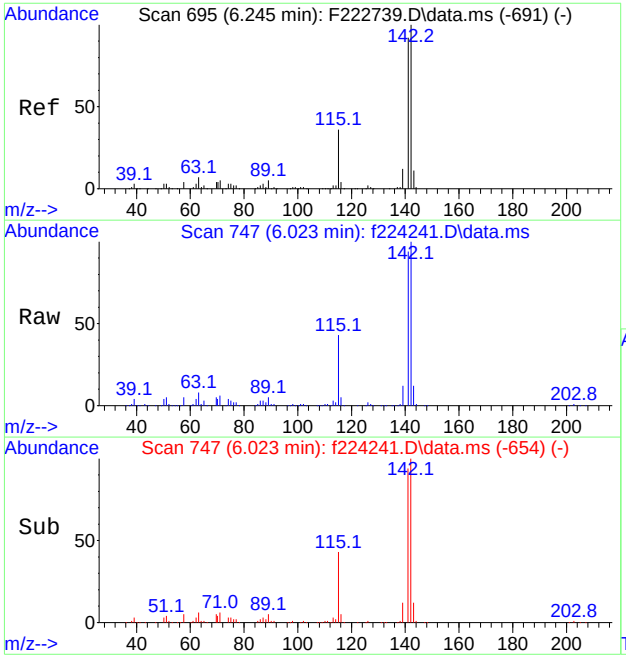


#44
2-Methylnaphthalene
Concen: 35.5173 ppm
RT: 5.953 min Scan# 734
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:141 Resp: 114449

Ion	Ratio	Lower	Upper
141	100		
142	110.1	80.8	140.8
115	43.1	13.7	73.7

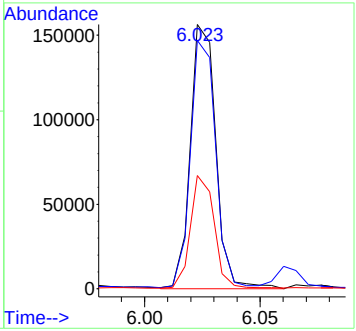


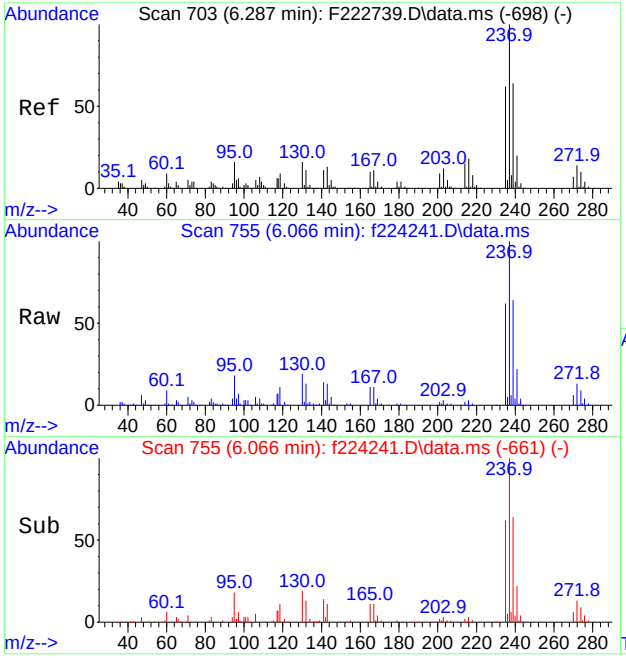


#45
1-Methylnaphthalene
Concen: 35.8134 ppm
RT: 6.023 min Scan# 747
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:142 Resp: 120446

Ion	Ratio	Lower	Upper
142	100		
141	89.6	61.4	121.4
115	42.6	7.9	67.9

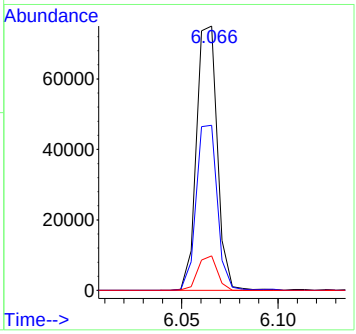


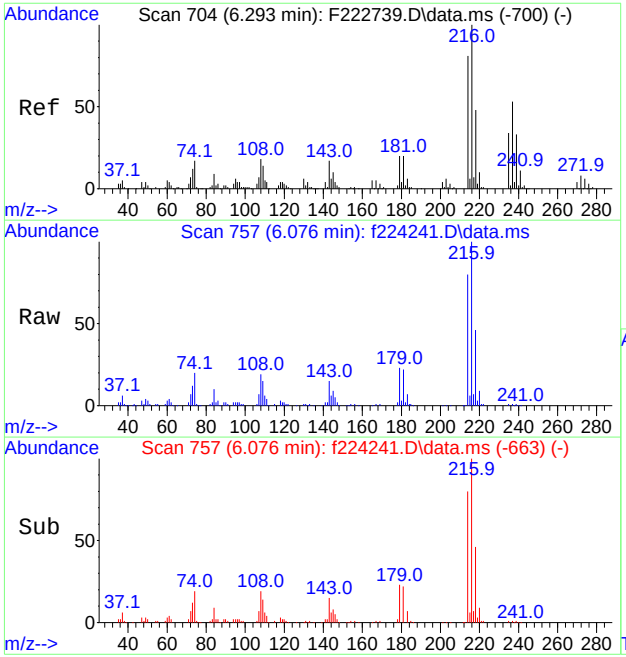


#47
Hexachlorocyclopentadiene
Concen: 51.5183 ppm
RT: 6.066 min Scan# 755
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:237 Resp: 56688

Ion	Ratio	Lower	Upper
237	100		
235	62.4	33.1	93.1
272	13.0	0.0	41.6

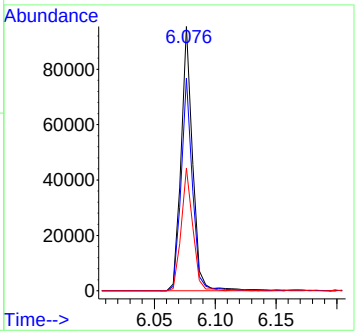


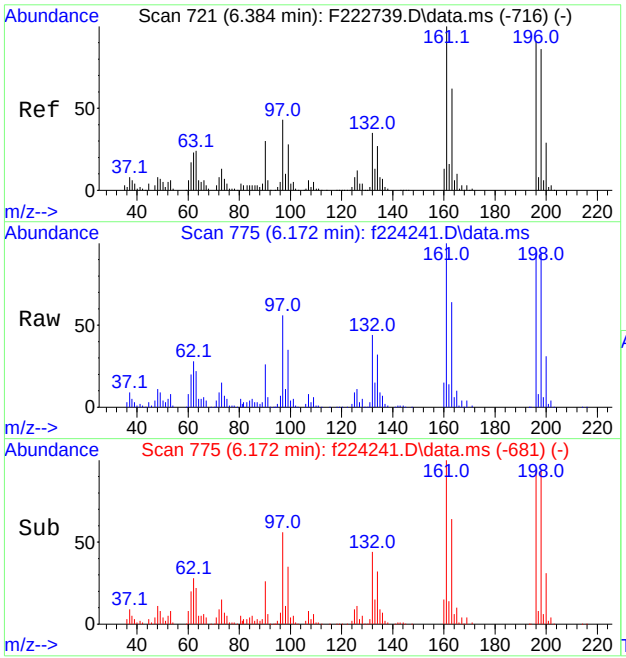


#48
1,2,4,5-tetrachlorobenzene
Concen: 33.2576 ppm
RT: 6.076 min Scan# 757
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:216 Resp: 62822

Ion	Ratio	Lower	Upper
216	100		
214	79.1	56.4	104.8
218	46.2	33.2	61.7

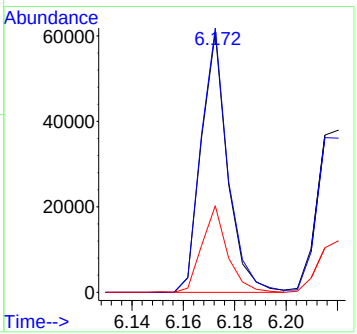


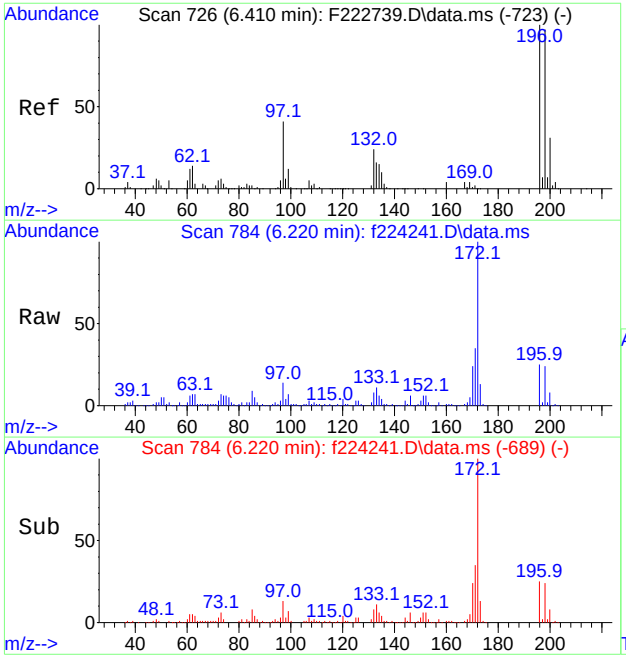


#49
2,4,6-Trichlorophenol
Concen: 39.8470 ppm
RT: 6.172 min Scan# 775
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:196 Resp: 43635

Ion	Ratio	Lower	Upper
196	100		
198	101.8	58.7	118.7
200	33.3	0.0	59.7

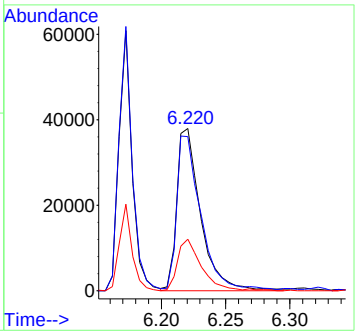


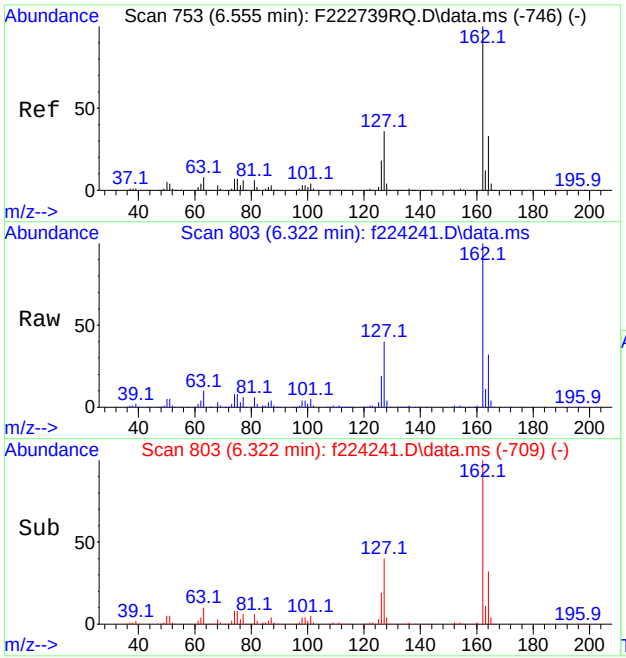


#50
2,4,5-Trichlorophenol
Concen: 39.1530 ppm
RT: 6.220 min Scan# 784
Delta R.T. 0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:196 Resp: 49087

Ion	Ratio	Lower	Upper
196	100		
198	94.8	65.2	125.2
200	32.2	0.0	59.1

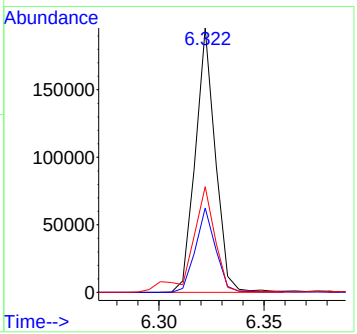


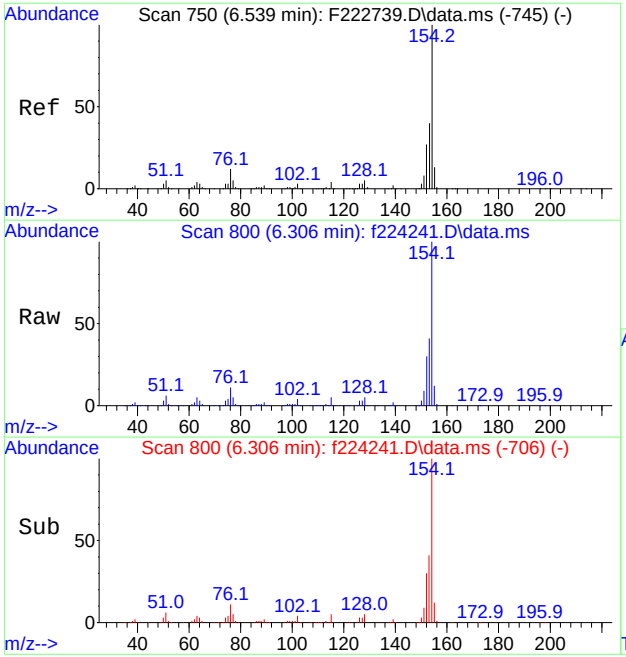


#52
2-Chloronaphthalene
Concen: 38.3594 ppm
RT: 6.322 min Scan# 803
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:162 Resp: 130301

Ion	Ratio	Lower	Upper
162	100		
164	31.9	2.1	62.1
127	38.0	10.3	70.3

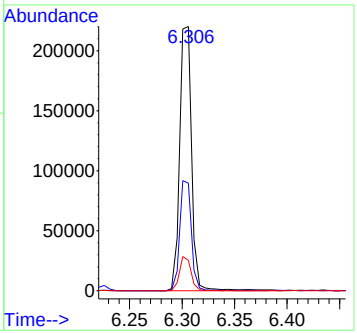


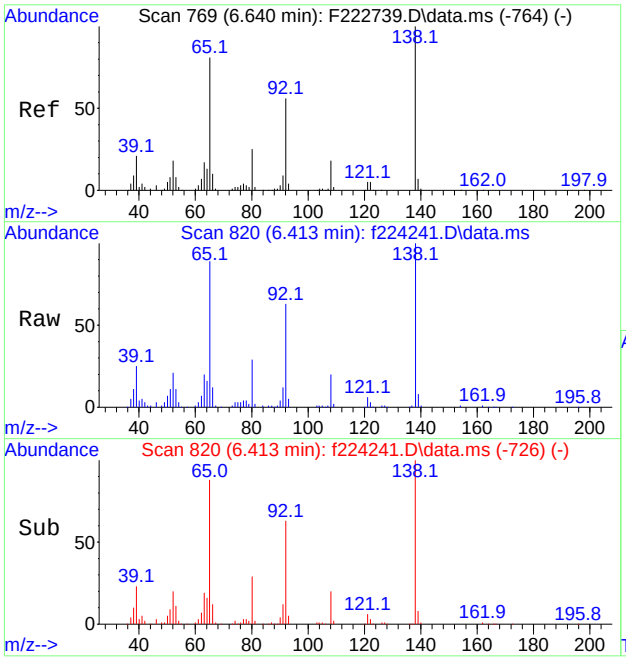


#53
Biphenyl
Concen: 40.1963 ppm
RT: 6.306 min Scan# 800
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:154 Resp: 175262

Ion	Ratio	Lower	Upper
154	100		
153	40.7	10.9	70.9
155	11.6	0.0	42.5

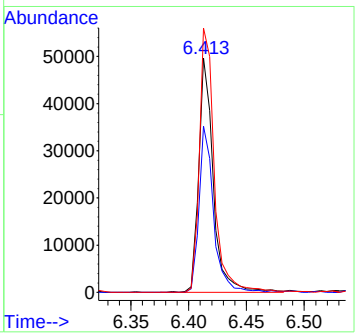


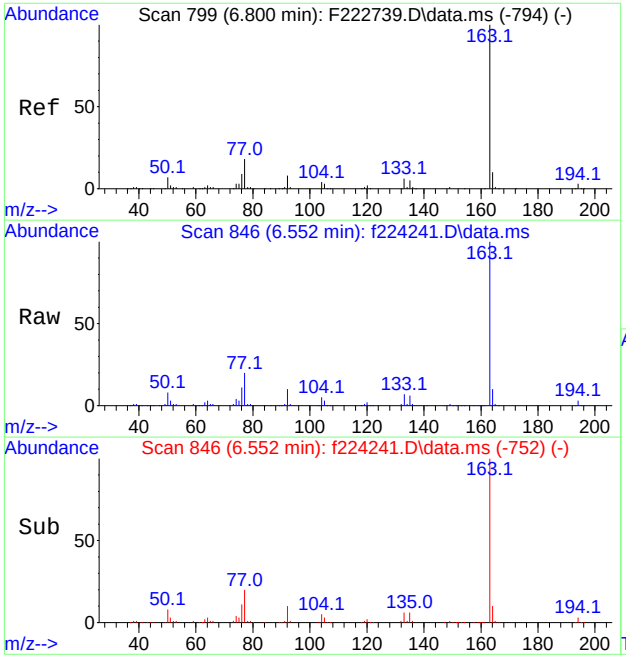


#54
2-Nitroaniline
Concen: 57.2751 ppm
RT: 6.413 min Scan# 820
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 65 Resp: 43794

Ion	Ratio	Lower	Upper
65	100		
92	71.0	35.3	95.3
138	112.9	72.9	132.9

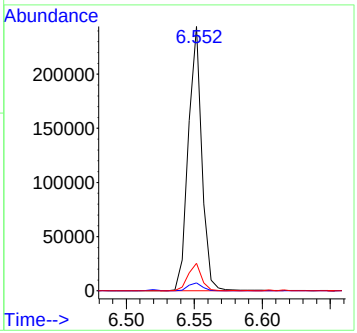


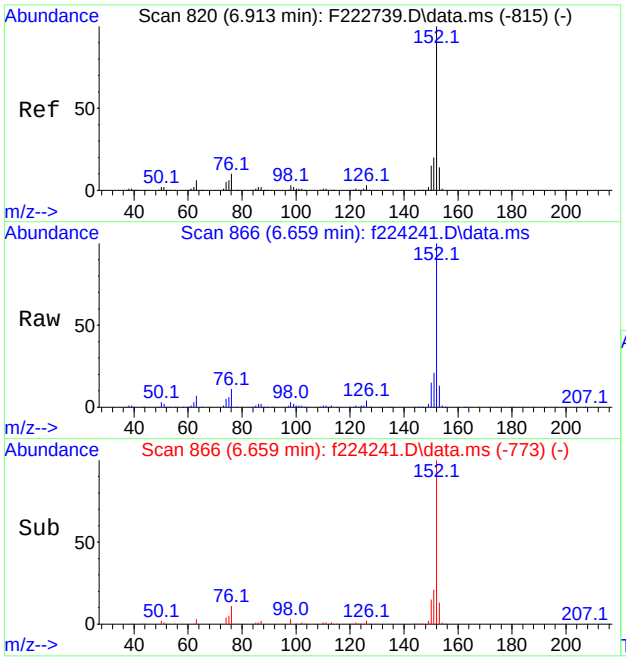


#55
Dimethylphthalate
Concen: 45.5422 ppm
RT: 6.552 min Scan# 846
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:163 Resp: 169664

Ion	Ratio	Lower	Upper
163	100		
194	2.9	0.0	32.8
164	10.2	0.0	40.8

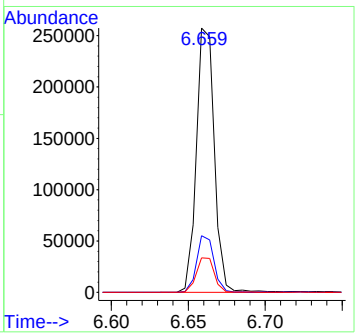


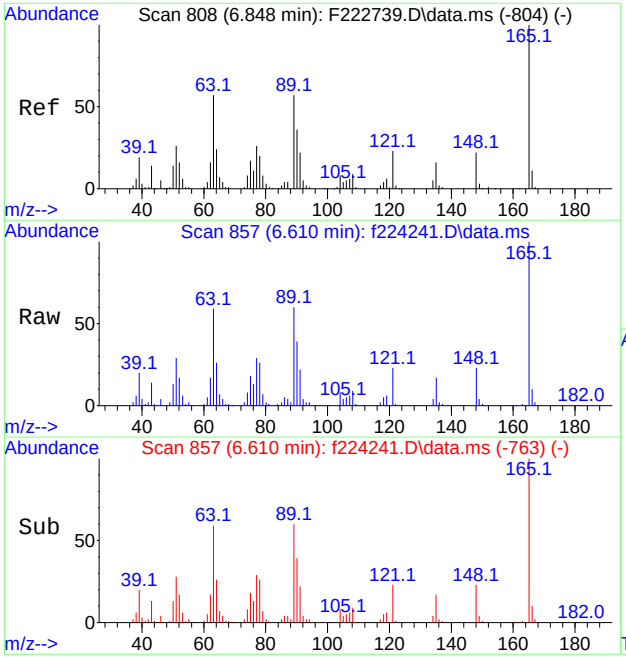


#56
Acenaphthylene
Concen: 44.7946 ppm
RT: 6.659 min Scan# 866
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:152 Resp: 210474

Ion	Ratio	Lower	Upper
152	100		
151	21.4	0.0	50.5
153	13.1	0.0	42.4

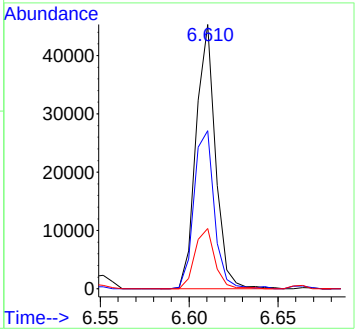


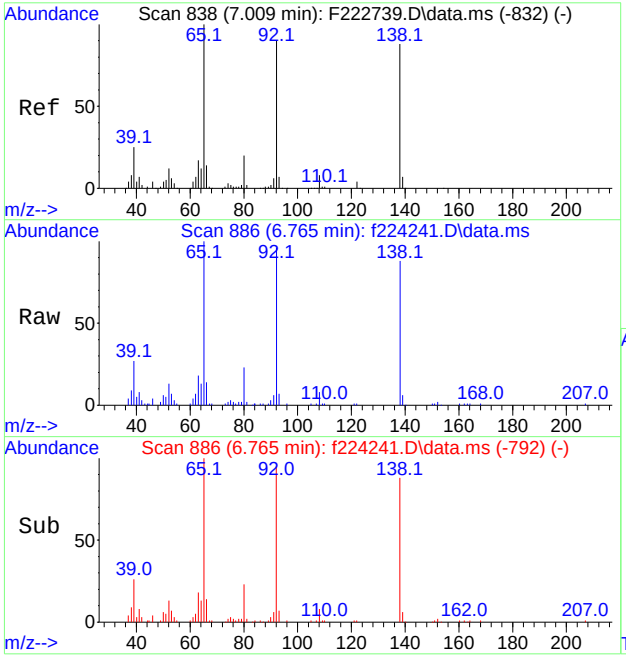


#57
2,6-Dinitrotoluene
Concen: 48.8622 ppm
RT: 6.610 min Scan# 857
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:165 Resp: 34475

Ion	Ratio	Lower	Upper
165	100		
89	59.8	29.7	89.7
121	22.8	0.0	52.3

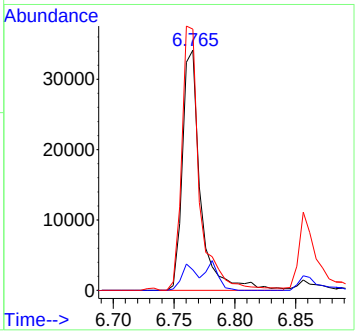


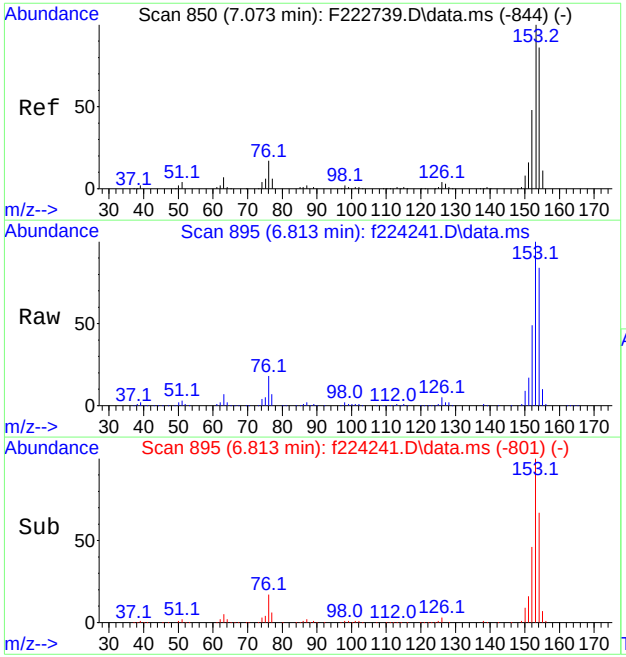


#58
3-Nitroaniline
Concen: 43.6210 ppm
RT: 6.765 min Scan# 886
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:138 Resp: 35449

Ion	Ratio	Lower	Upper
138	100		
108	8.5	0.0	39.6
92	108.6	80.7	140.7

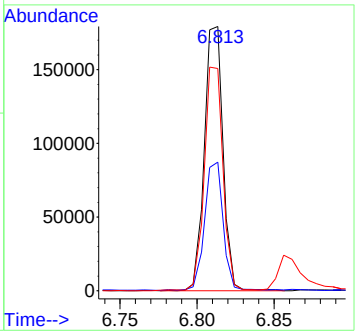


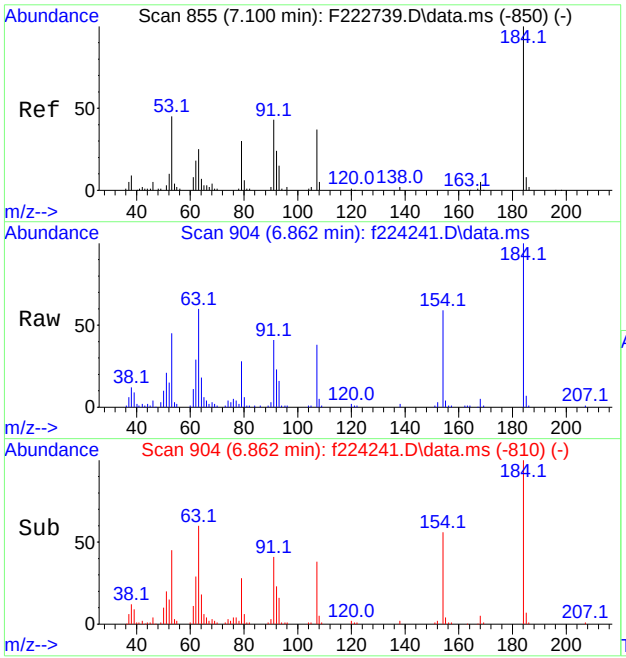


#59
Acenaphthene
Concen: 41.9629 ppm
RT: 6.813 min Scan# 895
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:153 Resp: 151946

Ion	Ratio	Lower	Upper
153	100		
152	48.4	19.0	79.0
154	77.2	50.2	110.2

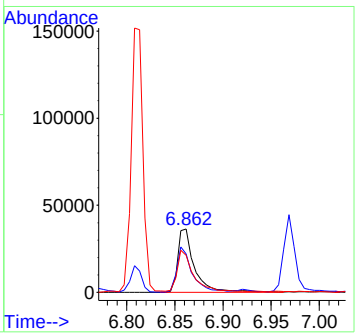


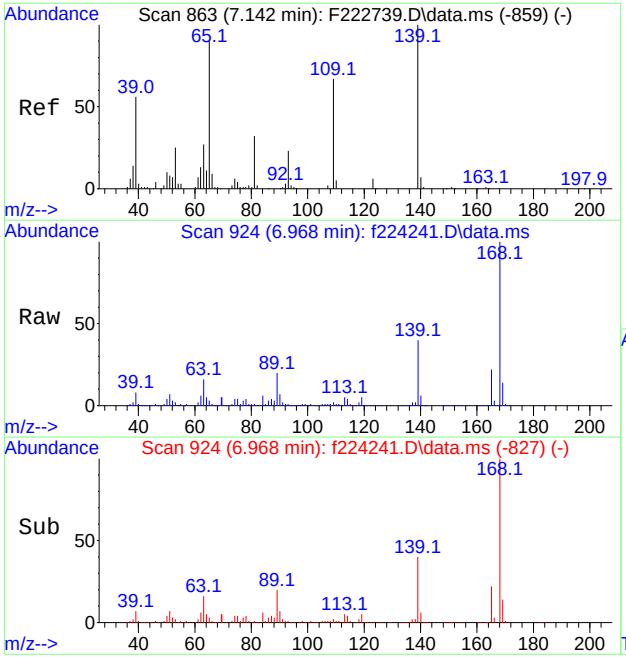


#60
2,4-Dinitrophenol
Concen: 111.5042 ppm
RT: 6.862 min Scan# 904
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:184 Resp: 43921

Ion	Ratio	Lower	Upper
184	100		
63	26.2	33.5	93.5#
154	57.0	33.6	93.6

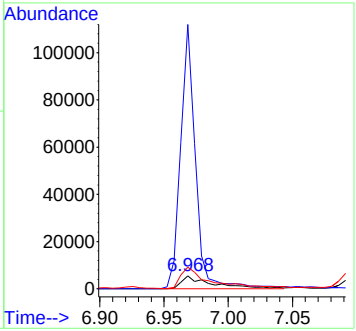


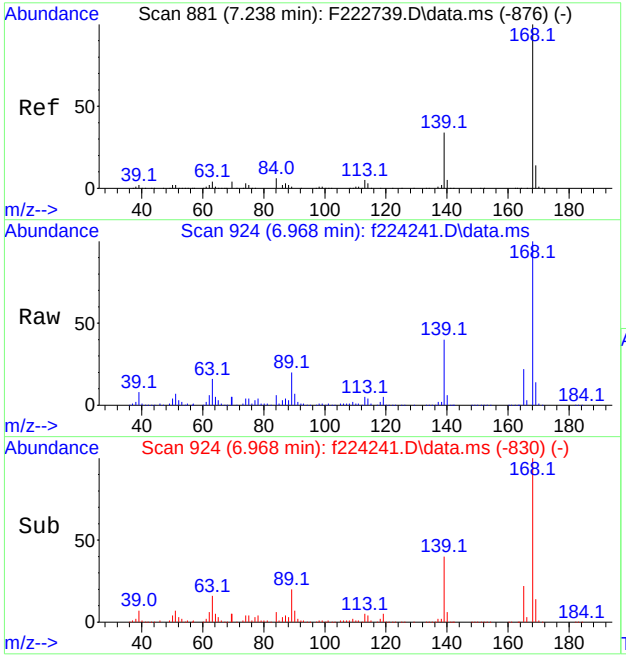


#61
4-Nitrophenol
Concen: 19.9447 ppm
RT: 6.968 min Scan# 924
Delta R.T. 0.016 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:109 Resp: 9303

Ion	Ratio	Lower	Upper
109	100		
139	2082.5	108.4	168.4#
65	160.0	96.4	156.4#

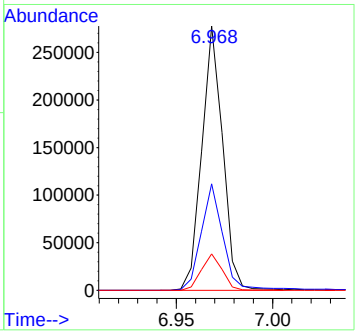


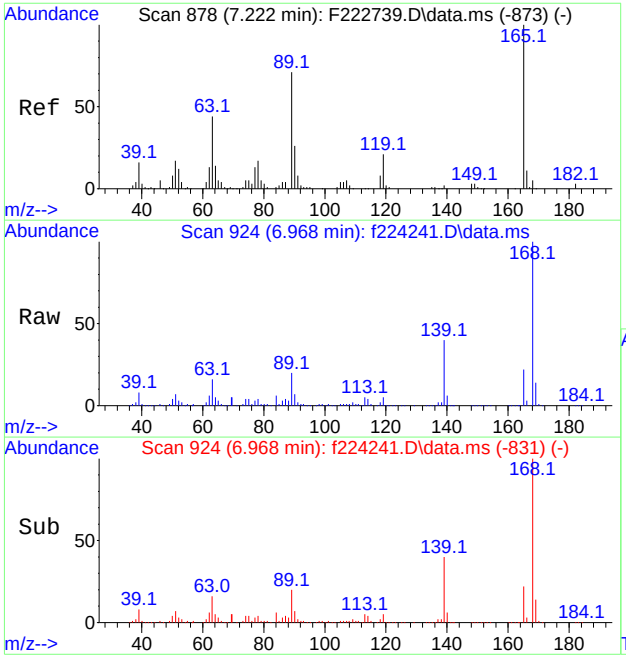


#62
Dibenzofuran
Concen: 41.7573 ppm
RT: 6.968 min Scan# 924
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:168 Resp: 209821

Ion	Ratio	Lower	Upper
168	100		
139	40.0	12.6	72.6
169	13.9	0.0	42.8

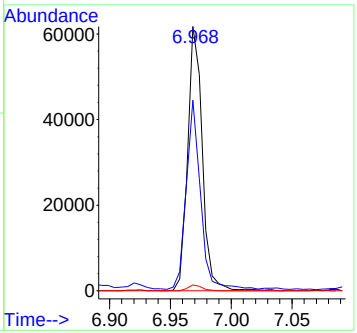


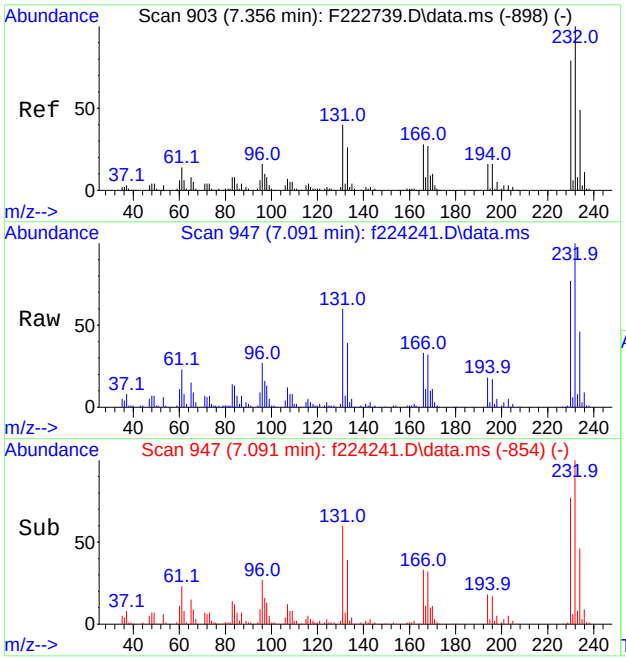


#63
2,4-Dinitrotoluene
Concen: 51.9336 ppm
RT: 6.968 min Scan# 924
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:165 Resp: 52139

Ion	Ratio	Lower	Upper
165	100		
63	71.3	23.7	83.7
182	2.2	0.0	32.2

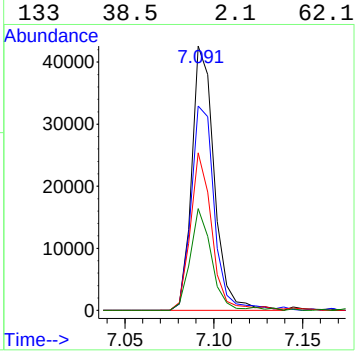


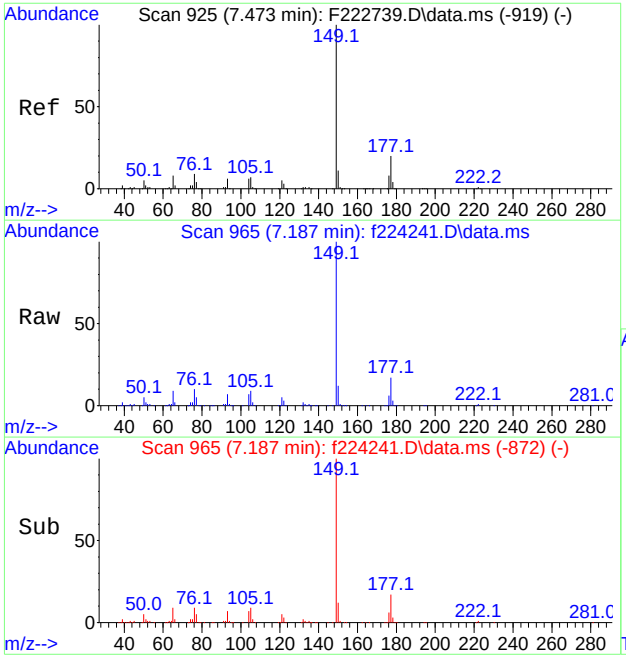


#64
2,3,4,6-Tetrachlorophenol
Concen: 38.7980 ppm
RT: 7.091 min Scan# 947
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:232 Resp: 37509

Ion	Ratio	Lower	Upper
232	100		
230	76.6	46.3	106.3
131	59.3	16.4	76.4
133	38.5	2.1	62.1

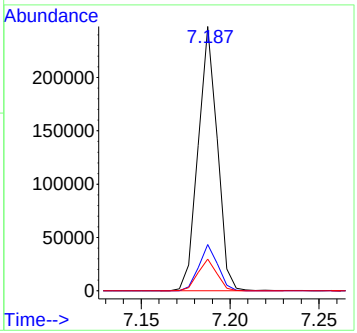


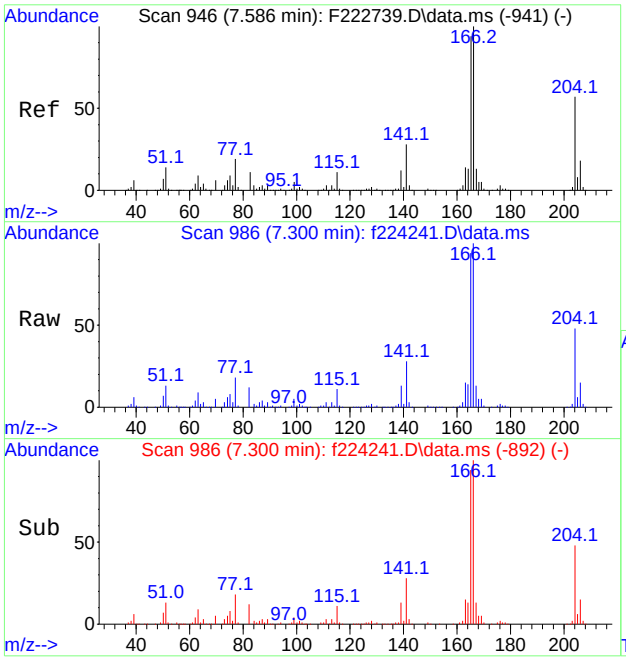


#65
Diethylphthalate
Concen: 47.3539 ppm
RT: 7.187 min Scan# 965
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:149 Resp: 185397

Ion	Ratio	Lower	Upper
149	100		
177	17.5	0.0	47.2
150	12.0	0.0	41.9

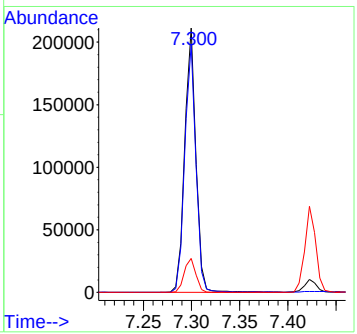


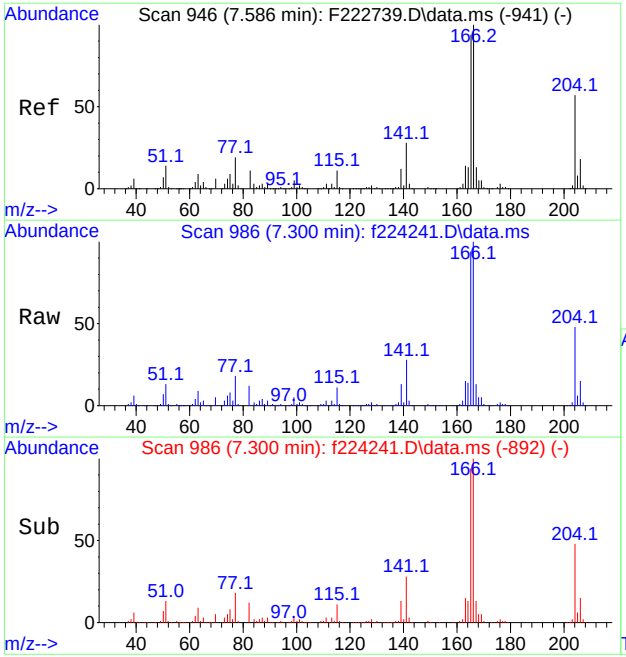


#66
Fluorene
Concen: 44.2485 ppm
RT: 7.300 min Scan# 986
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:166 Resp: 171969

Ion	Ratio	Lower	Upper
166	100		
165	93.9	65.4	125.4
167	12.8	0.0	44.3

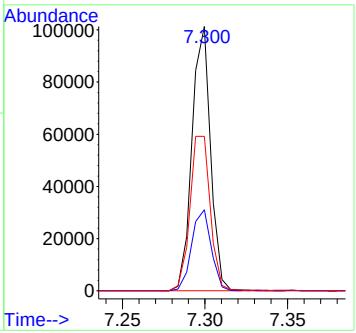


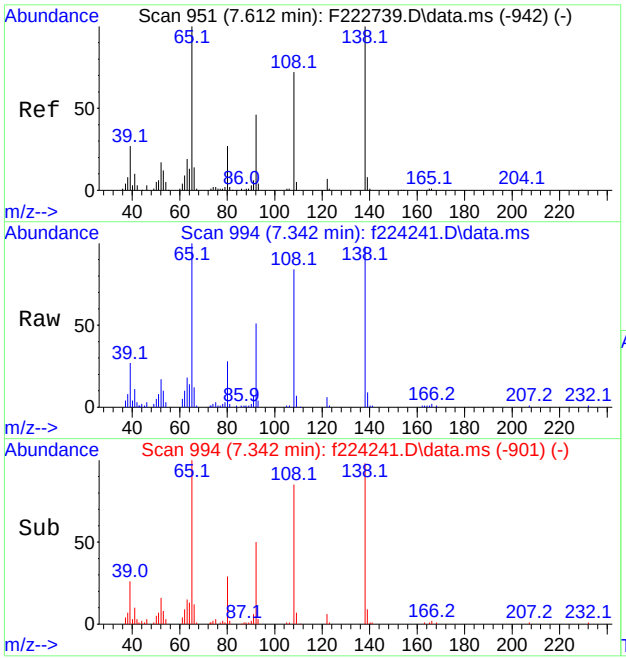


#67
4-Chlorophenyl-phenylether
Concen: 37.6497 ppm
RT: 7.300 min Scan# 986
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:204 Resp: 79399

Ion	Ratio	Lower	Upper
204	100		
206	30.7	1.3	61.3
141	58.3	32.8	92.8

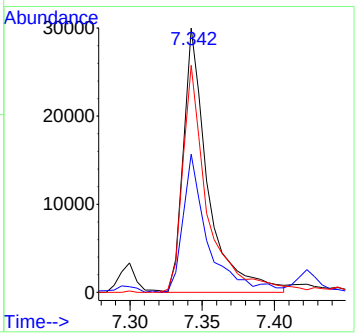


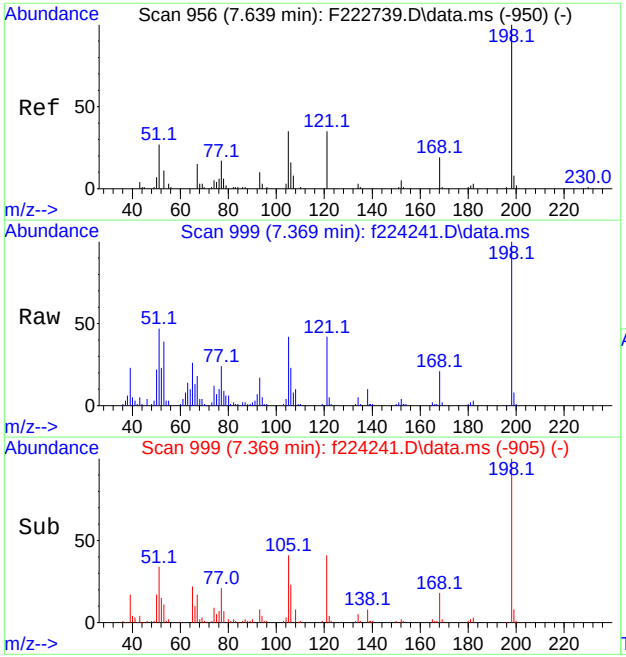


#68
4-Nitroaniline
Concen: 40.9648 ppm
RT: 7.342 min Scan# 994
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:138 Resp: 35481

Ion	Ratio	Lower	Upper
138	100		
92	52.3	17.2	77.2
108	86.1	51.3	111.3

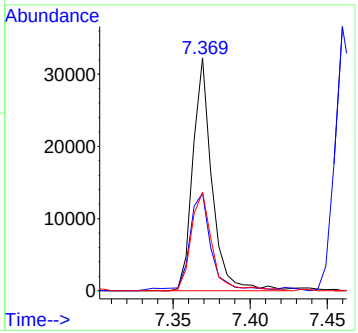


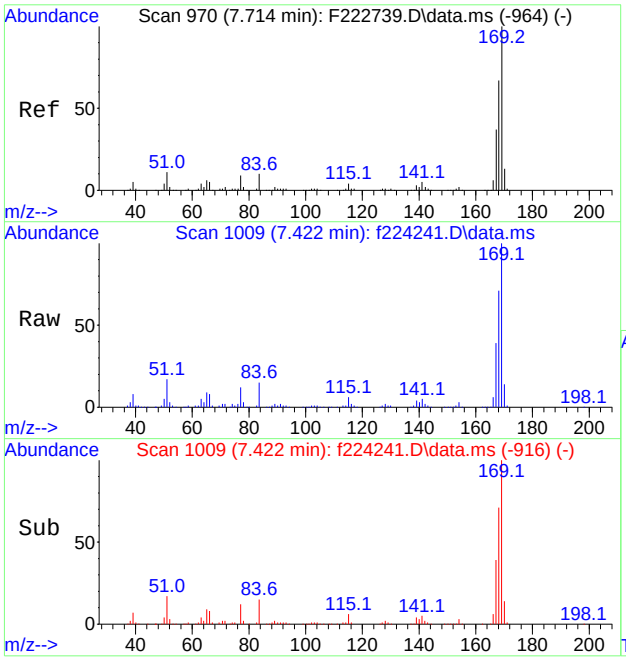


#70
4,6-Dinitro-2-methylphenol
Concen: 60.9347 ppm
RT: 7.369 min Scan# 999
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:198 Resp: 28002

Ion	Ratio	Lower	Upper
198	100		
105	40.9	15.9	75.9
121	42.6	17.3	77.3

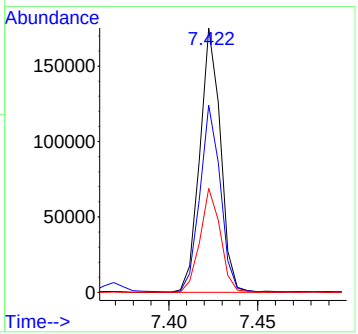


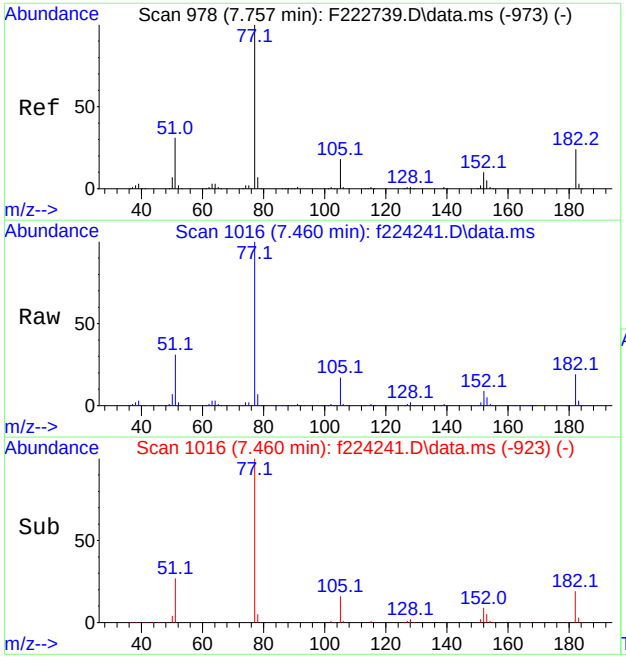


#71
n-Nitrosodiphenylamine
Concen: 48.6525 ppm
RT: 7.422 min Scan# 1009
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:169 Resp: 141526

Ion	Ratio	Lower	Upper
169	100		
168	70.7	41.9	101.9
167	39.3	8.5	68.5

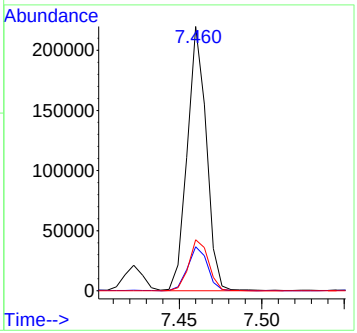


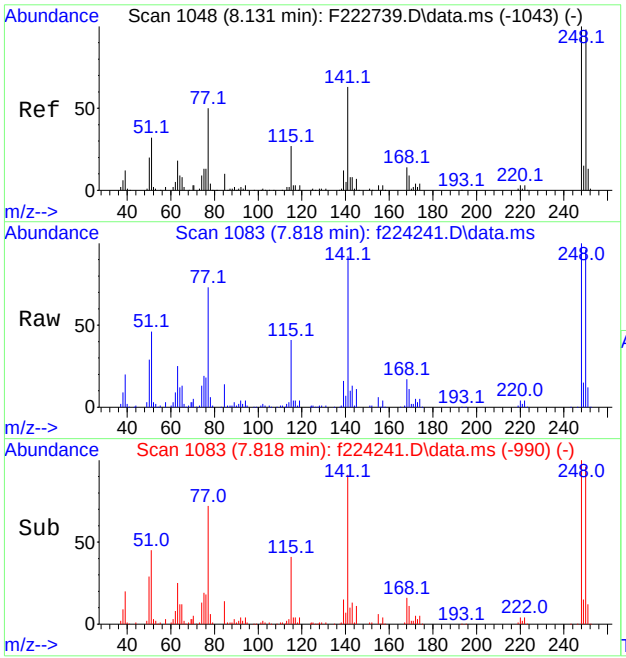


#72
1,2-Diphenylhydrazine
Concen: 57.4008 ppm
RT: 7.460 min Scan# 1016
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 77 Resp: 176508

Ion	Ratio	Lower	Upper
77	100		
105	16.7	0.0	48.2
182	19.3	0.0	51.8

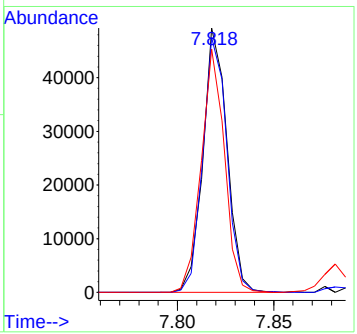


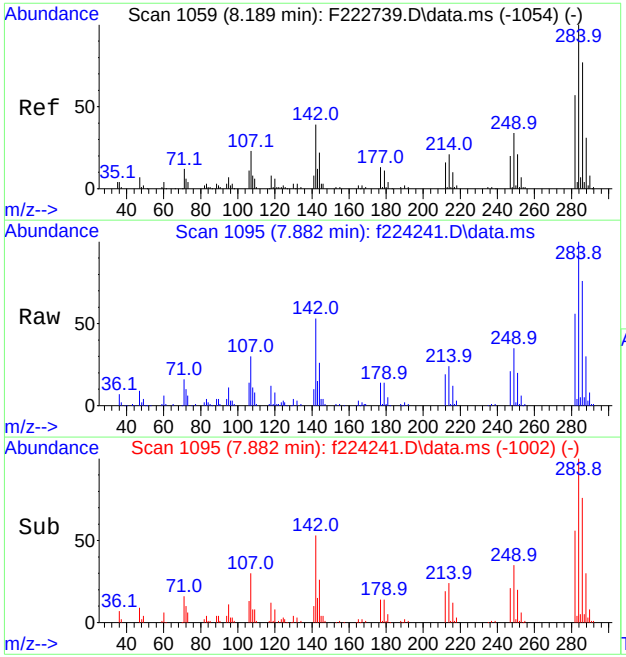


#74
4-Bromophenyl-phenylether
Concen: 40.5528 ppm
RT: 7.818 min Scan# 1083
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:248 Resp: 42914

Ion	Ratio	Lower	Upper
248	100		
250	96.3	67.6	127.6
141	92.0	44.8	104.8

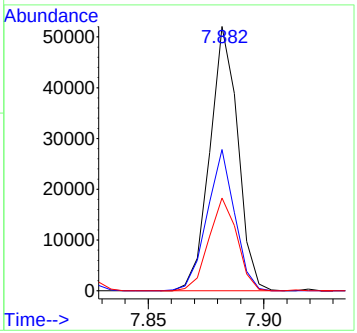


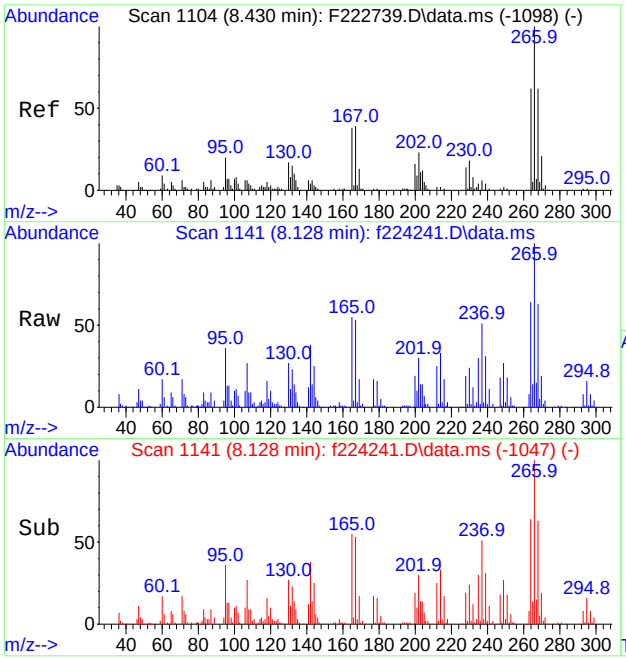


#75
Hexachlorobenzene
Concen: 38.6570 ppm
RT: 7.882 min Scan# 1095
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:284 Resp: 43902

Ion	Ratio	Lower	Upper
284	100		
142	53.5	14.9	74.9
249	35.1	5.2	65.2

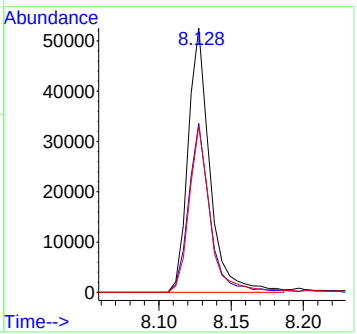


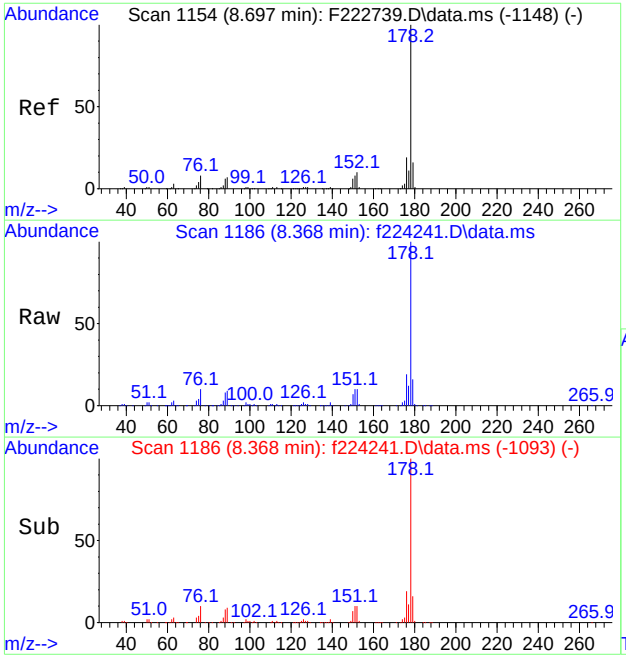


#76
Pentachlorophenol
Concen: 76.0327 ppm
RT: 8.128 min Scan# 1141
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:266 Resp: 54957

Ion	Ratio	Lower	Upper
266	100		
264	63.9	28.3	88.3
268	62.9	32.2	92.2

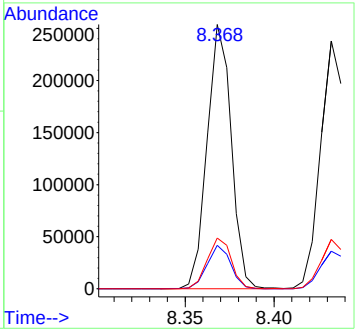


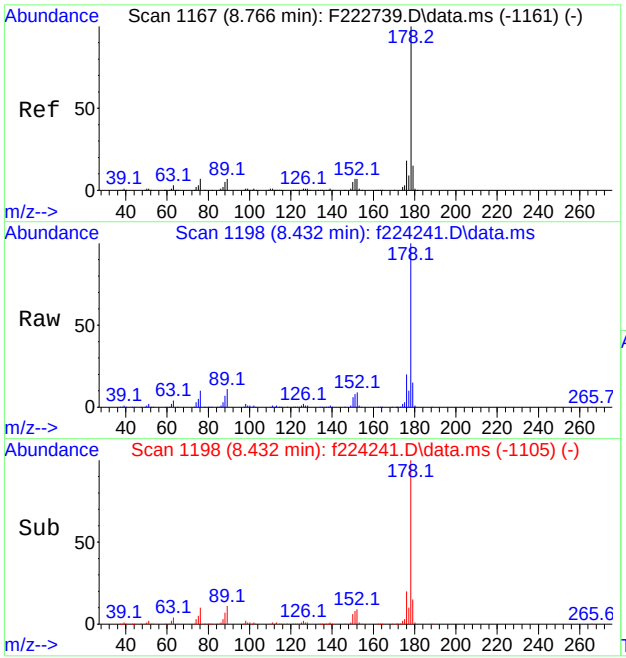


#77
Phenanthrene
Concen: 45.6007 ppm
RT: 8.368 min Scan# 1186
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:178 Resp: 239504

Ion	Ratio	Lower	Upper
178	100		
179	16.4	0.0	44.3
176	19.2	0.0	48.8

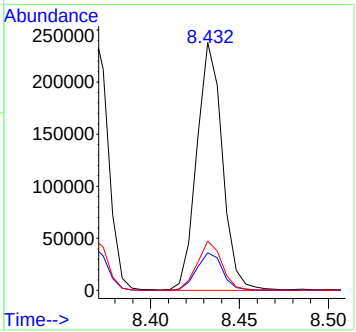


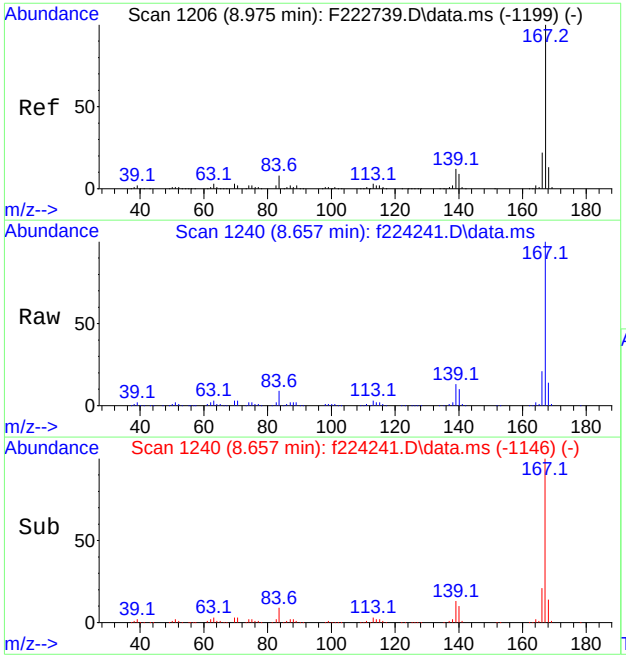


#78
Anthracene
Concen: 46.1471 ppm
RT: 8.432 min Scan# 1198
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:178 Resp: 238296

Ion	Ratio	Lower	Upper
178	100		
179	15.2	0.0	45.1
176	19.9	0.0	48.8

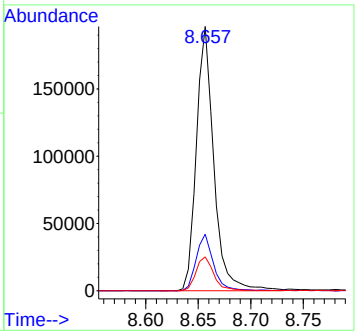


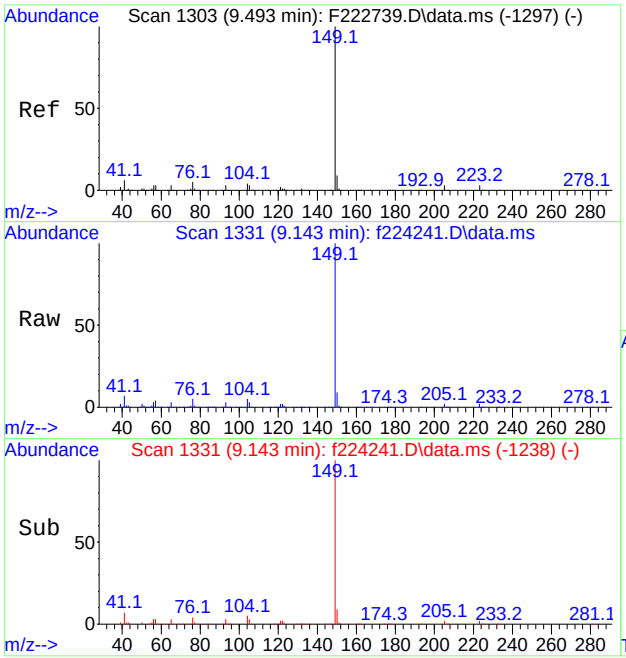


#79
Carbazole
Concen: 48.1616 ppm
RT: 8.657 min Scan# 1240
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:167 Resp: 227945

Ion	Ratio	Lower	Upper
167	100		
166	21.3	0.0	51.5
139	12.8	0.0	44.0

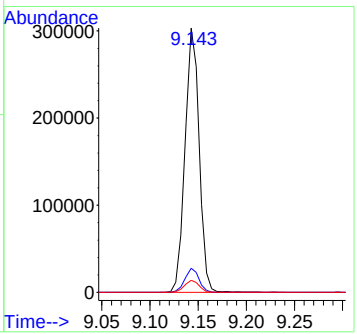


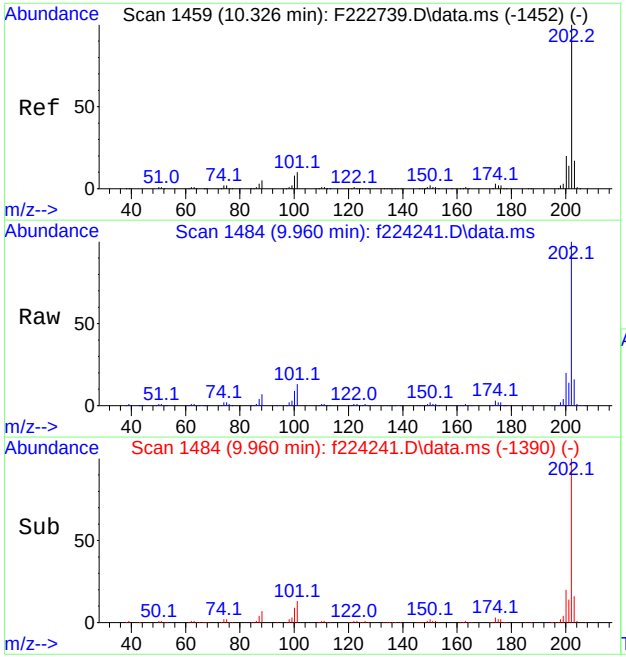


#80
Di-n-butylphthalate
Concen: 55.5996 ppm
RT: 9.143 min Scan# 1331
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:149 Resp: 310715

Ion	Ratio	Lower	Upper
149	100		
150	9.2	0.0	38.6
104	4.6	0.0	34.6

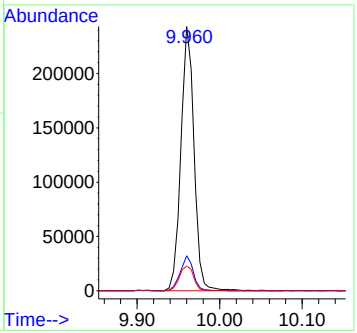


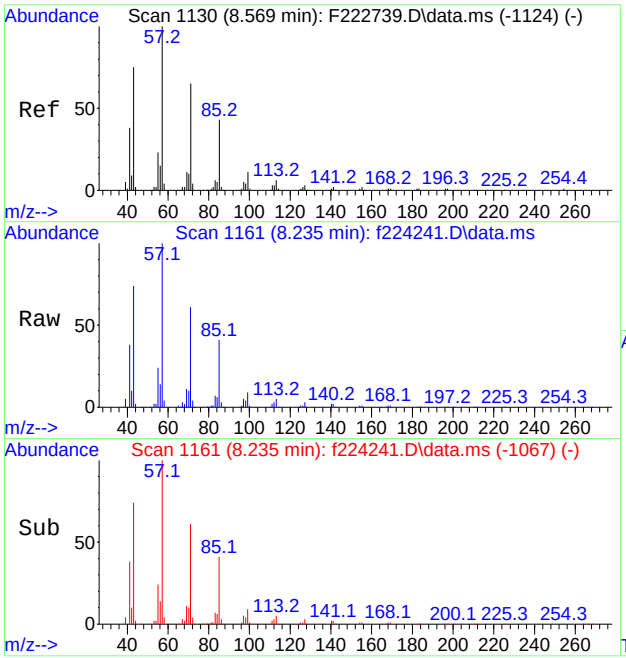


#81
Fluoranthene
Concen: 47.3366 ppm
RT: 9.960 min Scan# 1484
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:202 Resp: 268874

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	44.1
100	9.4	0.0	40.7

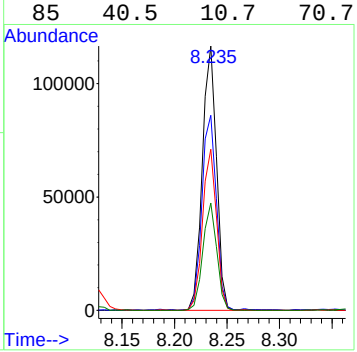


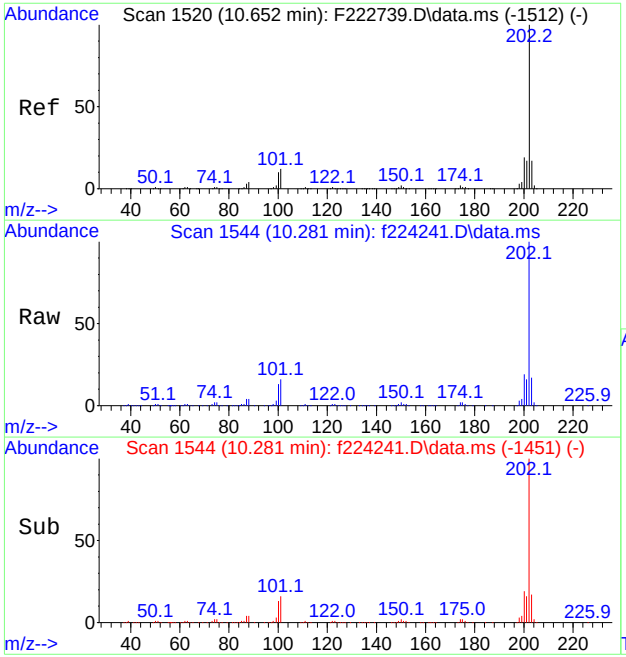


#82
Octadecane
Concen: 61.8258 ppm
RT: 8.235 min Scan# 1161
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 57 Resp: 109710

Ion	Ratio	Lower	Upper
57	100		
43	73.6	46.2	106.2
71	60.9	33.1	93.1
85	40.5	10.7	70.7

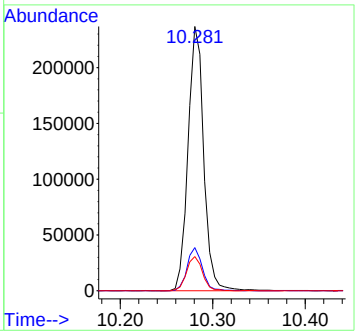


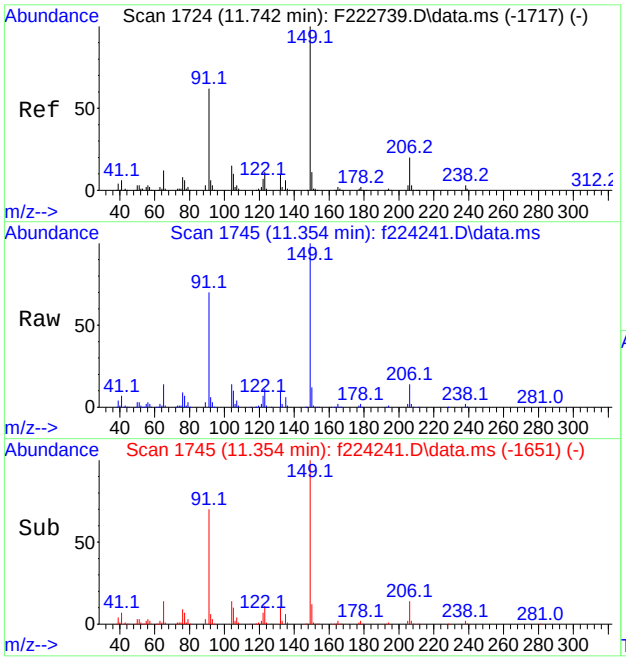


#85
Pyrene
Concen: 49.4345 ppm
RT: 10.281 min Scan# 1544
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:202 Resp: 279228

Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	44.9
100	12.9	0.0	42.4

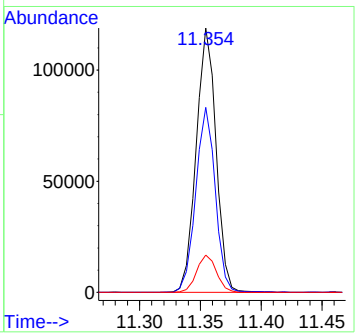


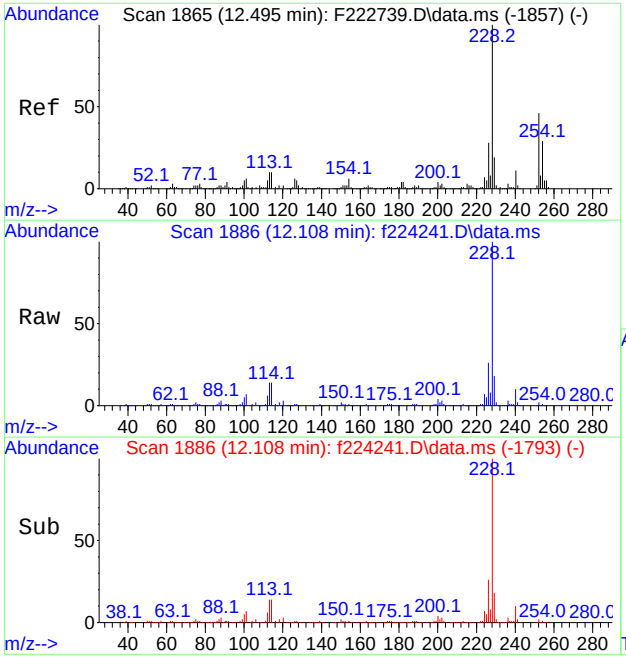


#87
Butylbenzylphthalate
Concen: 61.3954 ppm
RT: 11.354 min Scan# 1745
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:149 Resp: 135611

Ion	Ratio	Lower	Upper
149	100		
91	69.8	38.9	98.9
206	14.0	0.0	43.5

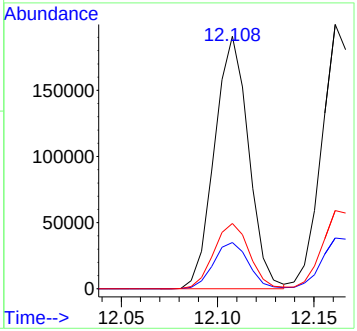


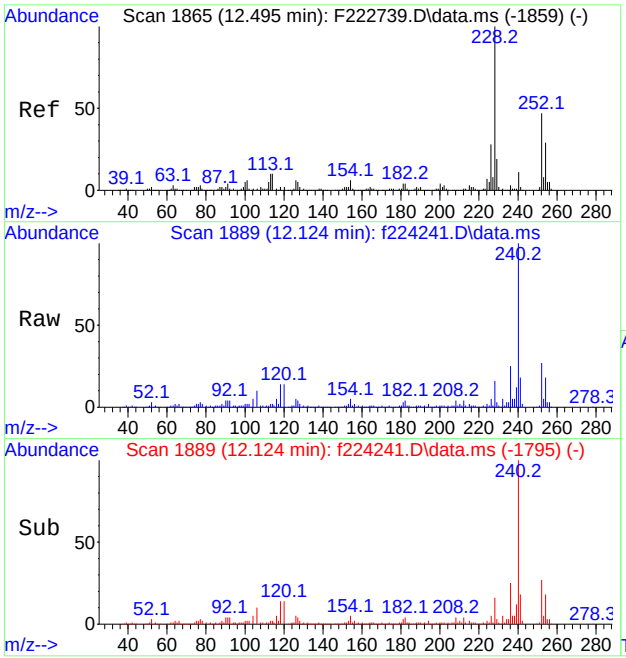


#88
Benzo[a]anthracene
Concen: 46.3282 ppm
RT: 12.108 min Scan# 1886
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:228 Resp: 235340

Ion	Ratio	Lower	Upper
228	100		
229	18.3	0.0	49.1
226	25.8	0.0	57.6

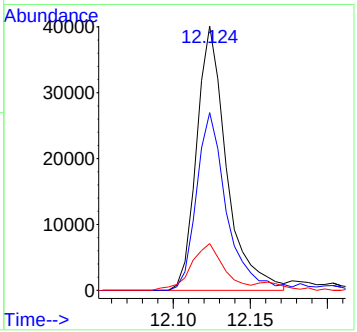


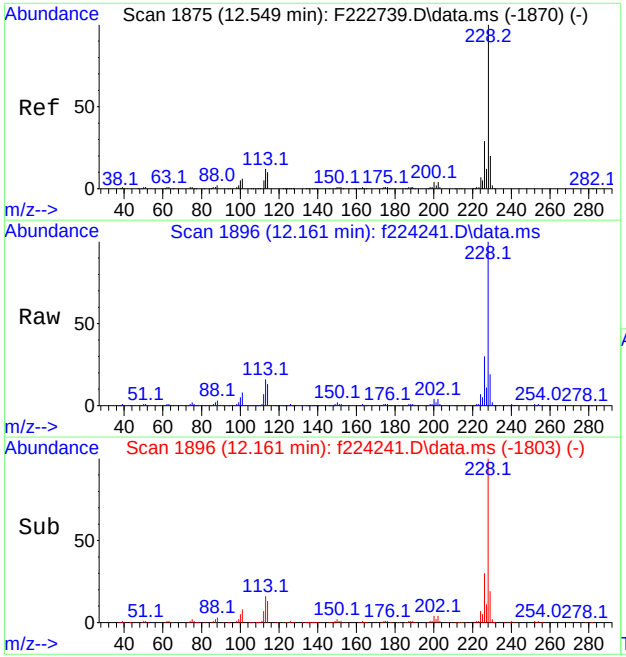


#89
3,3'-Dichlorobenzidine
Concen: 30.0226 ppm
RT: 12.124 min Scan# 1889
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:252 Resp: 54261

Ion	Ratio	Lower	Upper
252	100		
254	66.9	30.5	90.5
126	16.7	0.0	45.5

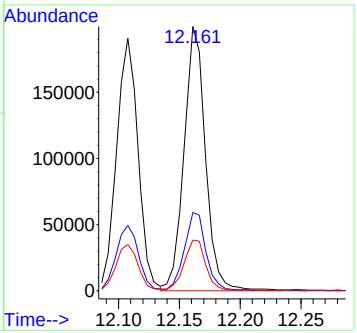


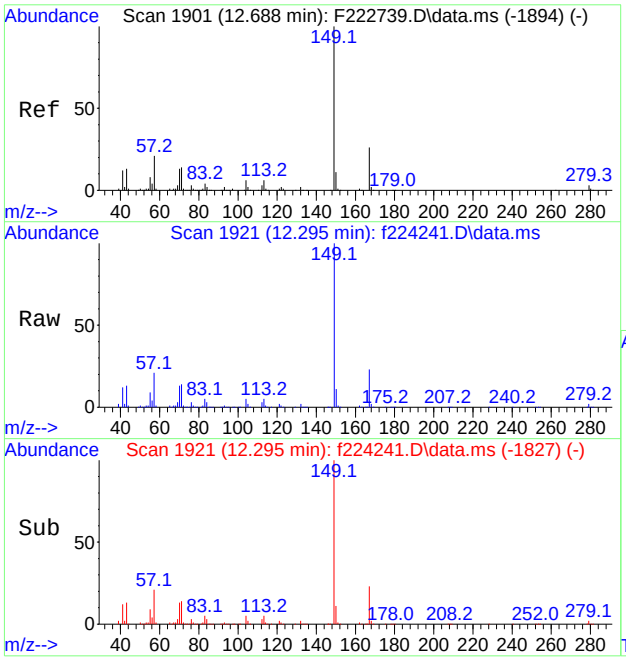


#90
Chrysene
Concen: 45.4604 ppm
RT: 12.161 min Scan# 1896
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:228 Resp: 246013

Ion	Ratio	Lower	Upper
228	100		
226	29.5	0.5	60.5
229	19.1	0.0	49.4

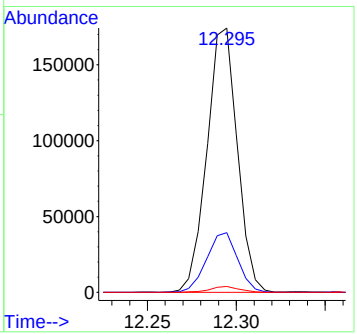


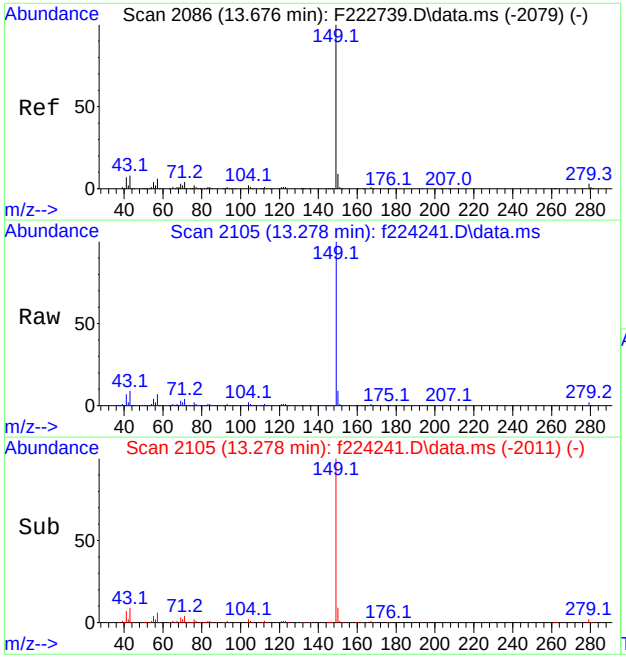


#91
bis(2-Ethylhexyl)phthalate
Concen: 59.1956 ppm
RT: 12.295 min Scan# 1921
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:149 Resp: 206665

Ion	Ratio	Lower	Upper
149	100		
167	22.6	0.0	52.5
279	2.2	0.0	32.0

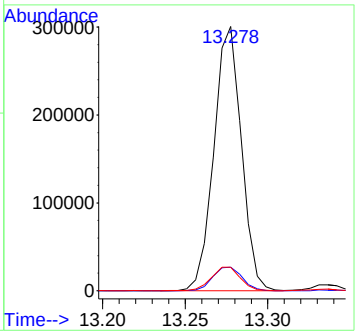


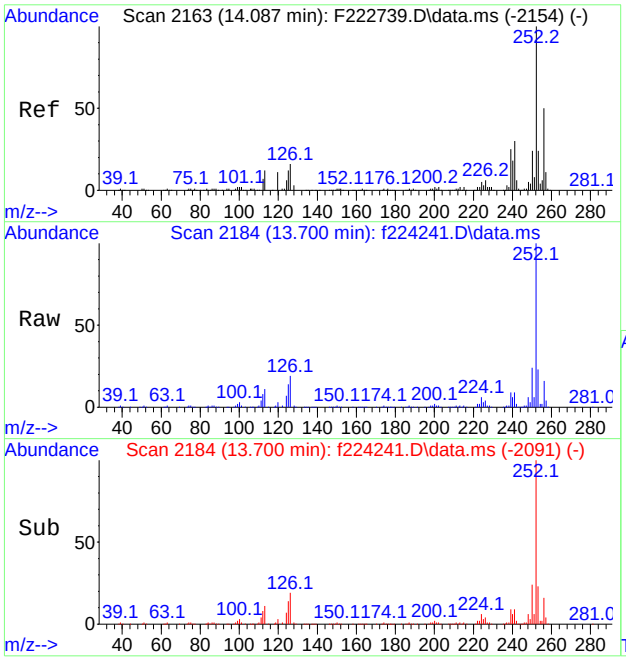


#93
Di-n-octylphthalate
Concen: 61.6522 ppm
RT: 13.278 min Scan# 2105
Delta R.T. -0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:149 Resp: 349554

Ion	Ratio	Lower	Upper
149	100		
150	9.0	0.0	39.3
43	8.9	0.0	39.1

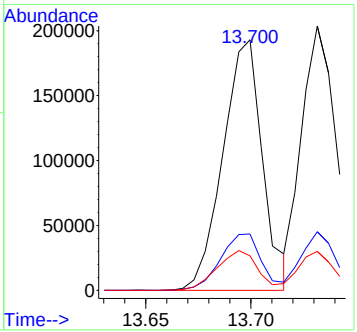


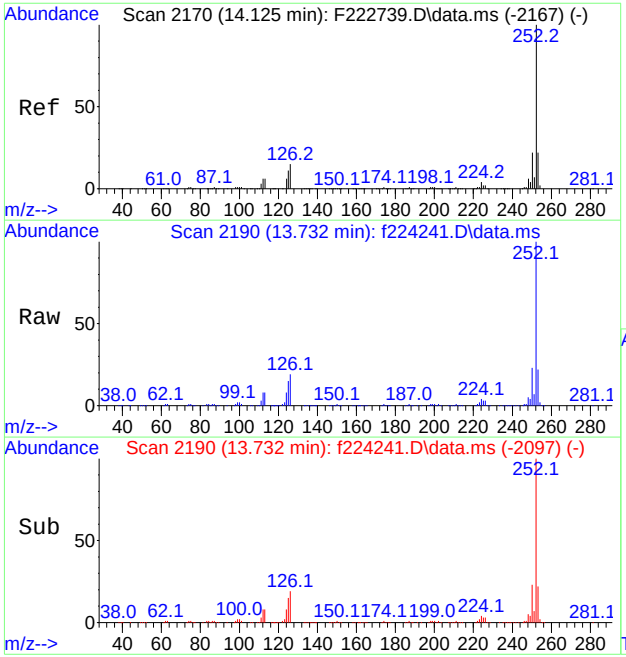


#94
Benzo[b]fluoranthene
Concen: 50.0148 ppm
RT: 13.700 min Scan# 2184
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:252 Resp: 253749

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	51.1
125	13.5	0.0	45.1

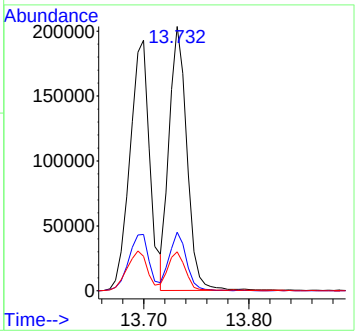


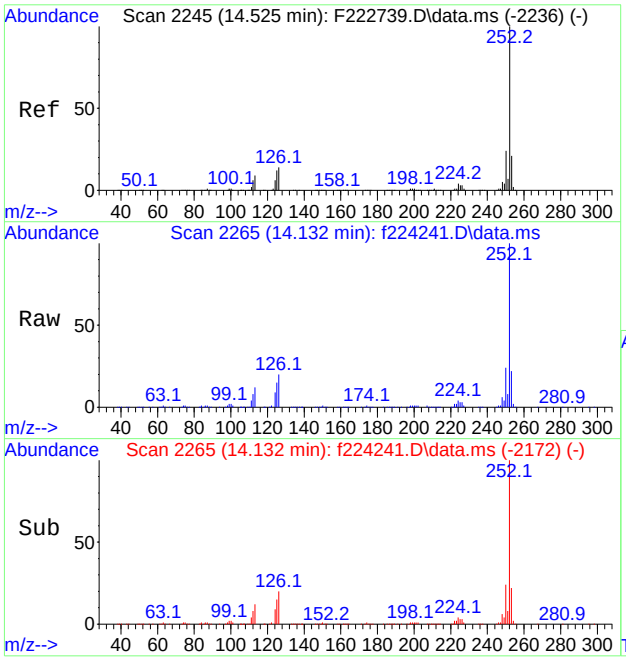


#95
Benzo[k]fluoranthene
Concen: 46.7667 ppm
RT: 13.732 min Scan# 2190
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:252 Resp: 239422

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	52.2
125	14.4	0.0	45.6

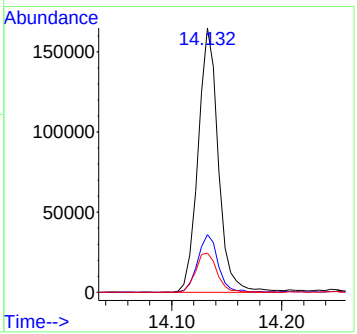


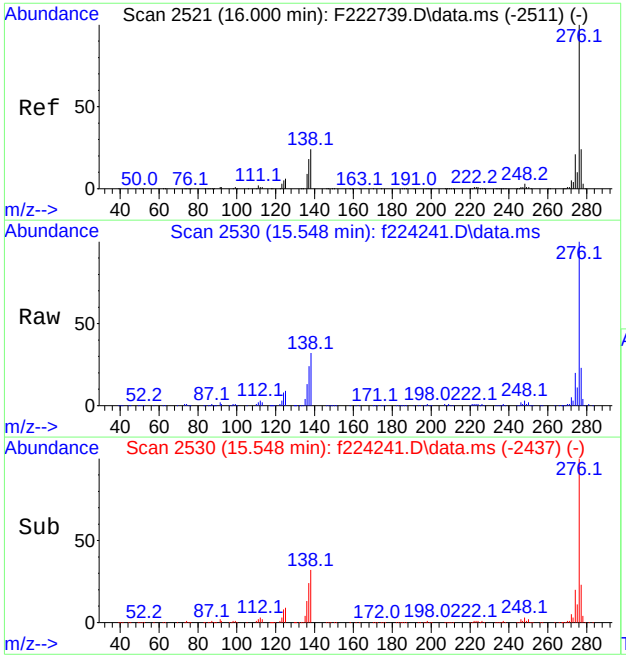


#96
Benzo[a]pyrene
Concen: 50.4038 ppm
RT: 14.132 min Scan# 2265
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:252 Resp: 211852

Ion	Ratio	Lower	Upper
252	100		
253	21.8	0.0	51.4
125	14.9	0.0	47.0

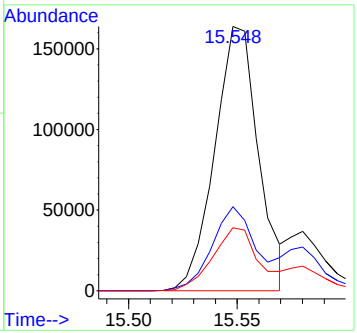


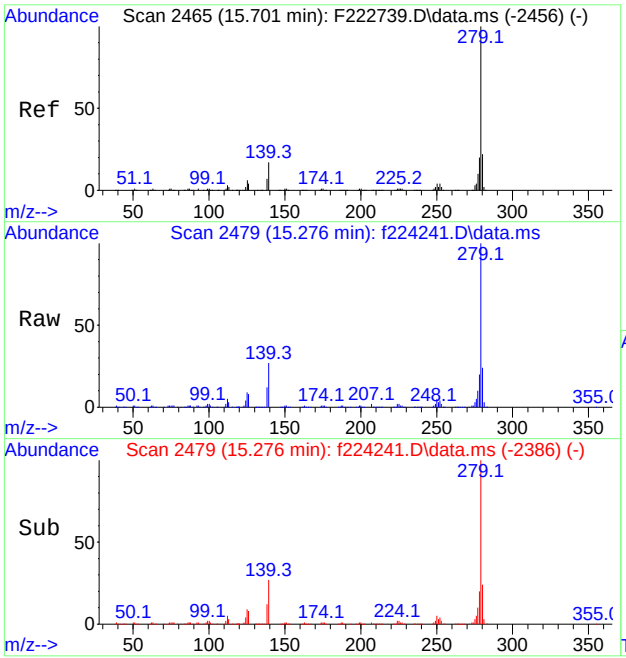


#97
Indeno[1,2,3-cd]pyrene
Concen: 47.7746 ppm m
RT: 15.548 min Scan# 2530
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:276 Resp: 229749

Ion	Ratio	Lower	Upper
276	100		
138	31.8	3.1	63.1
137	23.9	0.0	55.6

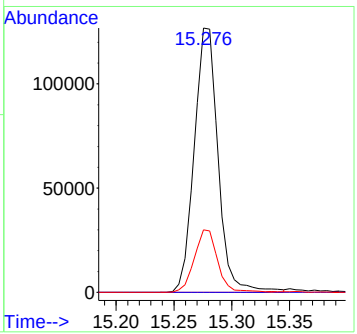


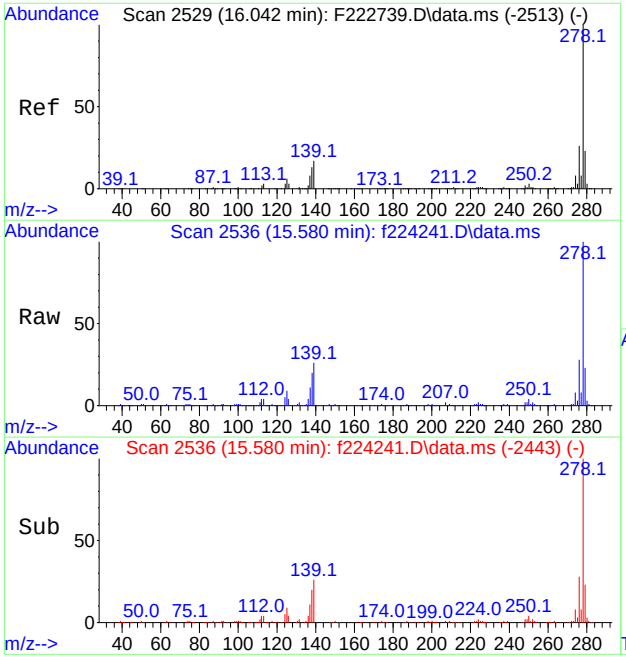


#98
Dibenz(a,h)acridine
Concen: 48.0922 ppm
RT: 15.276 min Scan# 2479
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:279 Resp: 182315

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	23.6	0.0	52.4

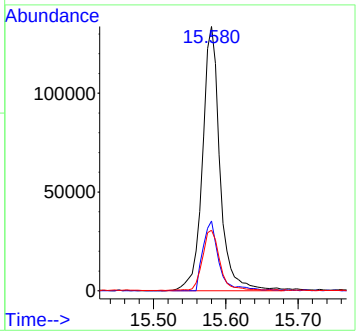


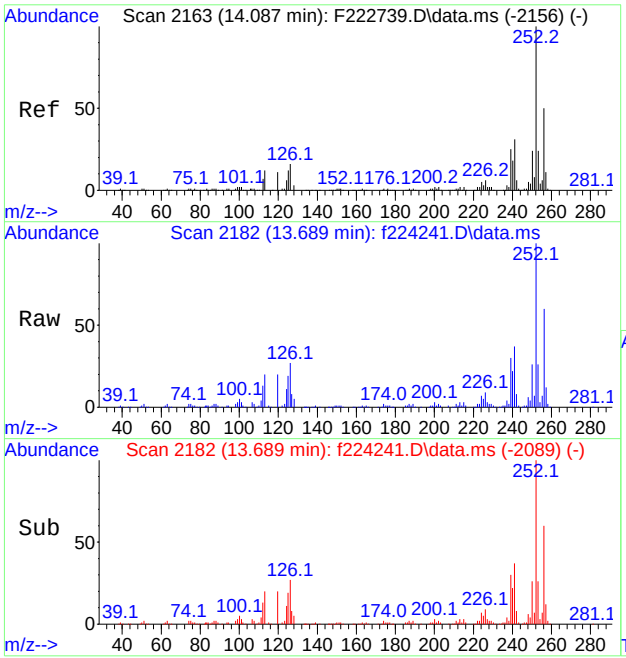


#99
Dibenz[a,h]anthracene
Concen: 50.7405 ppm
RT: 15.580 min Scan# 2536
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:278 Resp: 225154

Ion	Ratio	Lower	Upper
278	100		
139	26.4	0.0	55.3
279	22.7	0.0	54.5

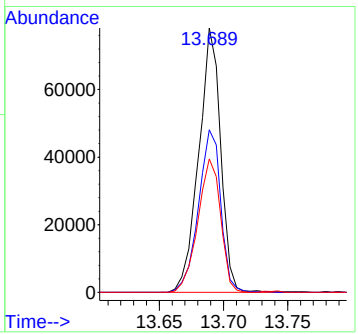


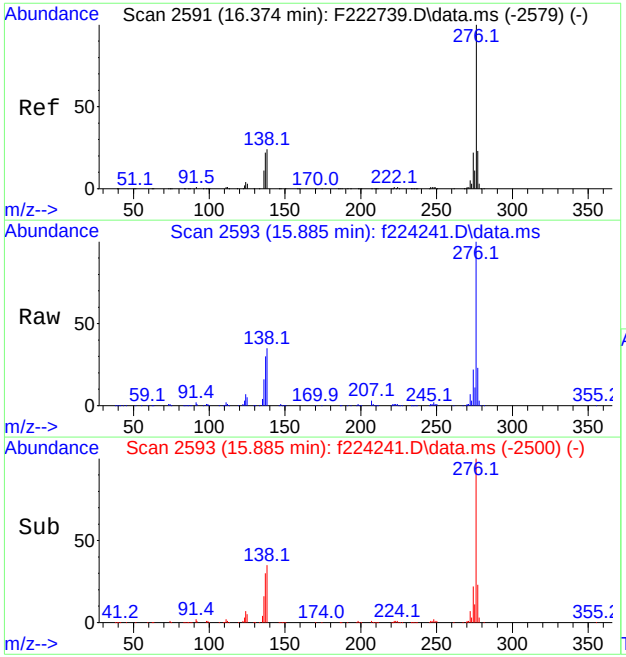


#100
7,12-Dimethylbenz(a)anthracene
Concen: 42.0980 ppm
RT: 13.689 min Scan# 2182
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:256 Resp: 92869

Ion	Ratio	Lower	Upper
256	100		
241	61.6	30.7	90.7
239	50.5	21.6	81.6

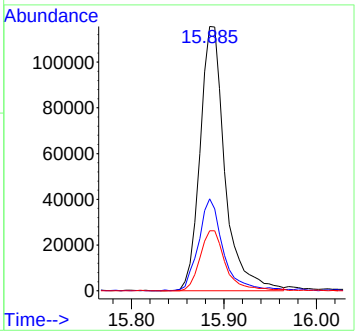


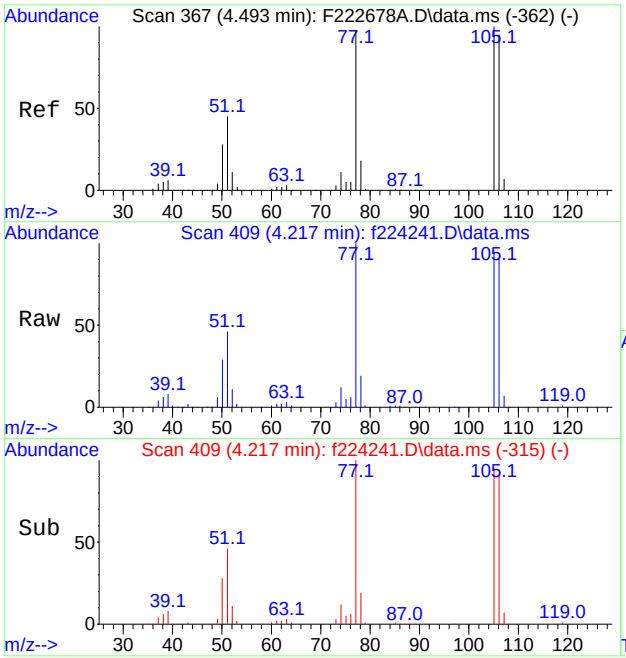


#101
Benzo[g,h,i]perylene
Concen: 50.8082 ppm
RT: 15.885 min Scan# 2593
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:276 Resp: 216392

Ion	Ratio	Lower	Upper
276	100		
138	34.8	5.5	65.5
277	22.6	0.0	53.3

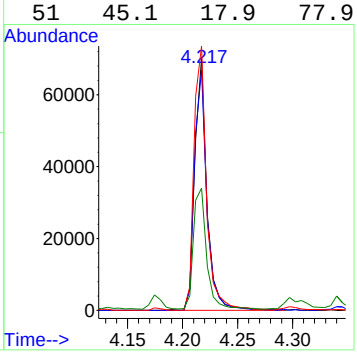


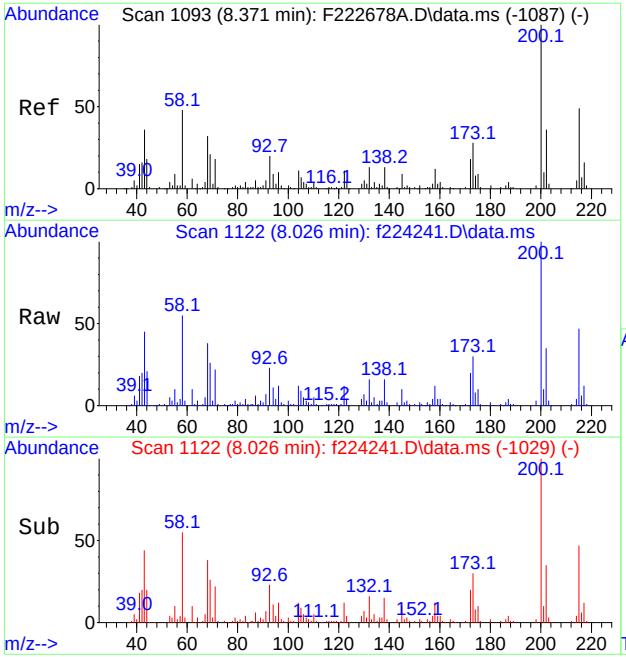


#158
Benzaldehyde
Concen: 31.9801 ppm
RT: 4.217 min Scan# 409
Delta R.T. 0.000 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:105 Resp: 54196

Ion	Ratio	Lower	Upper
105	100		
106	95.1	64.7	124.7
77	104.2	72.7	132.7
51	45.1	17.9	77.9

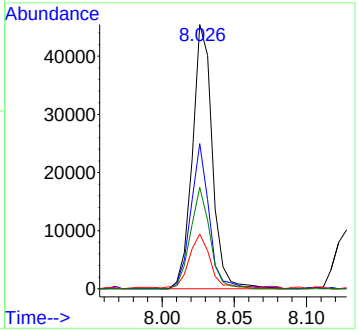


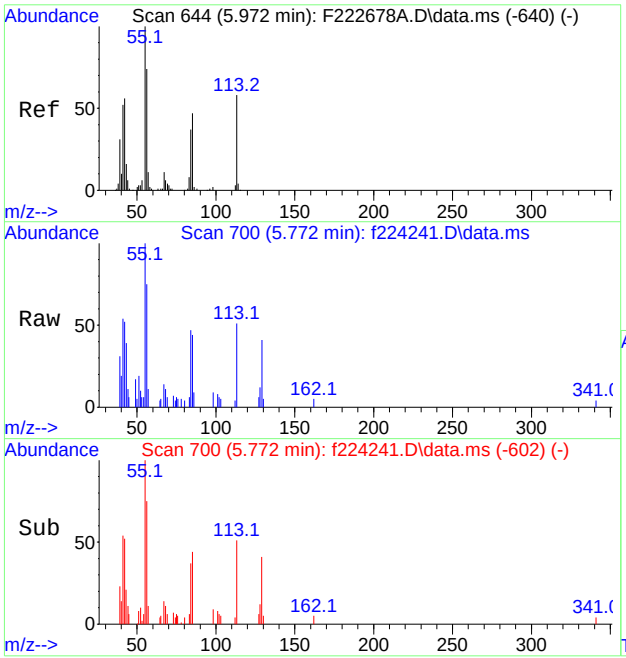


#160
Atrazine
Concen: 46.7423 ppm
RT: 8.026 min Scan# 1122
Delta R.T. -0.005 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion:200 Resp: 43836

Ion	Ratio	Lower	Upper
200	100		
58	54.9	23.3	83.3
44	21.0	0.0	50.6
68	38.4	6.6	66.6

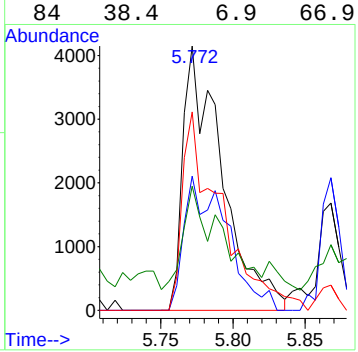




#162
Caprolactam
Concen: 10.2243 ppm
RT: 5.772 min Scan# 700
Delta R.T. 0.022 min
Lab File: f224241.D
Acq: 28 Jan 2025 10:25 am

Tgt Ion: 55 Resp: 7838

Ion	Ratio	Lower	Upper
55	100		
113	51.8	24.6	84.6
56	73.9	44.5	104.5
84	38.4	6.9	66.9



Manual Integration Approval Summary

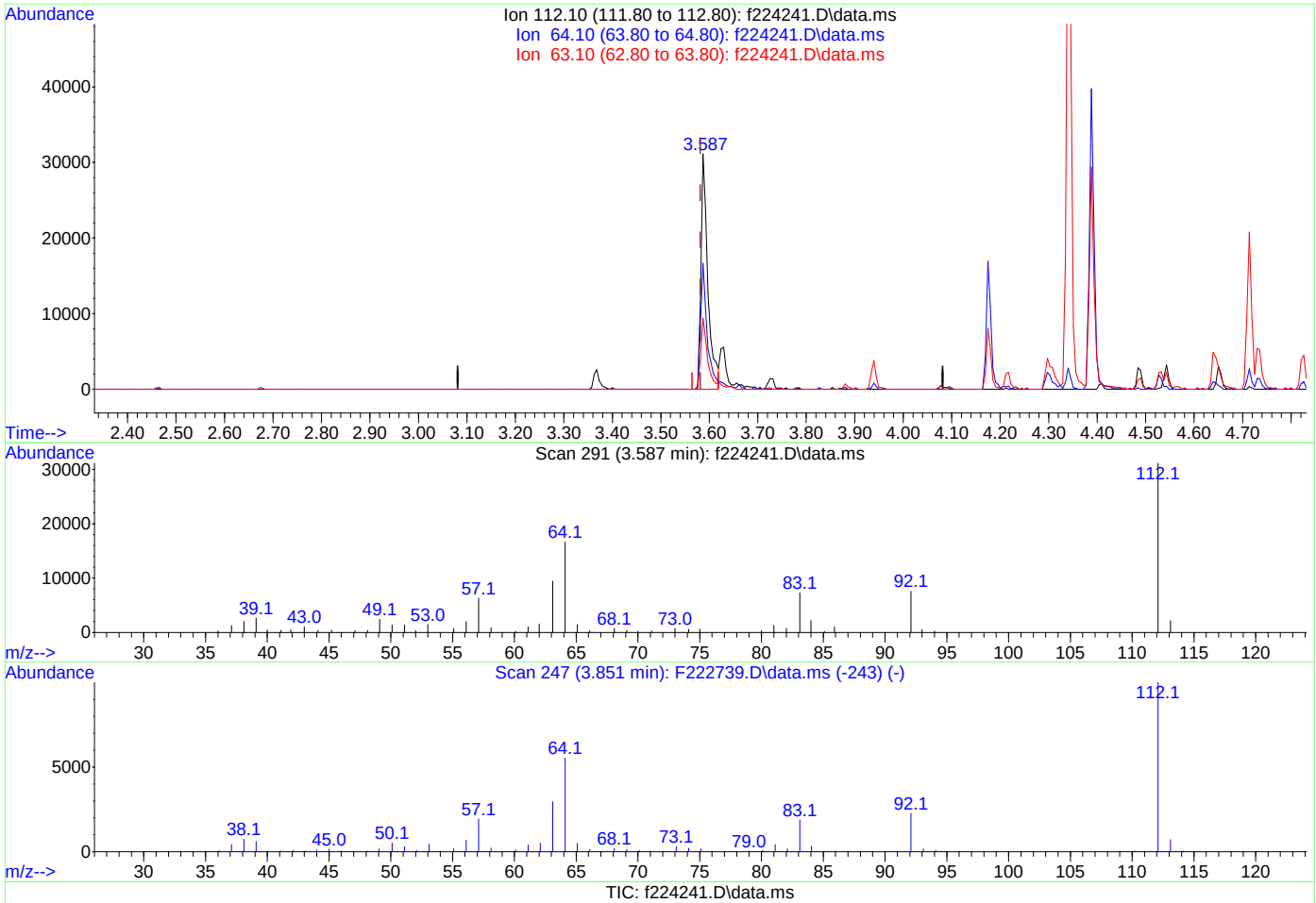
Sample Number: OP61138-BSD
Lab FileID: F224241.D
Injection Time: 01/28/25 10:25
Method: SW846 8270E
Analyst approved: 01/28/25 14:37 Michael Lozano
Supervisor approved: 01/28/25 18:41 Jacky Takeuchi

Parameter	CAS	Sig#	R.T. (min.)	Reason
2-Fluorophenol	367-12-4		3.59	Poor instrument integration
Indeno(1,2,3-cd)pyrene	193-39-5		15.55	Poor instrument integration

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224241.D
Acq On : 28 Jan 2025 10:25 am
Operator : kaleigh
Sample : op61138-bsd Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 28 16:32:29 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration



TIC: f224241.D\data.ms

(5) 2-Fluorophenol (S)

3.587min (+0.005) 19.43ppm

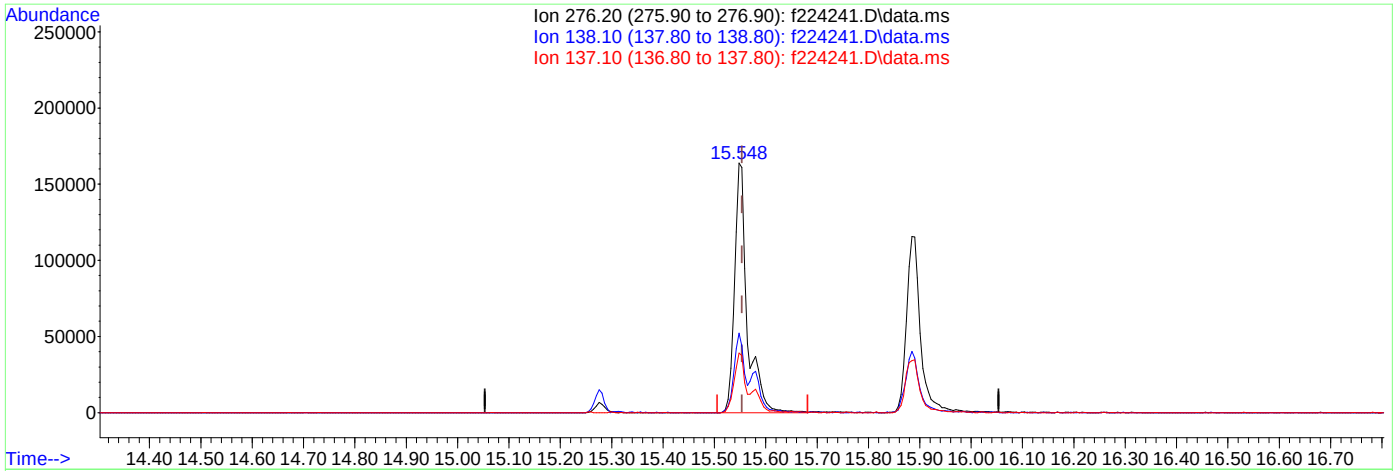
response 30879

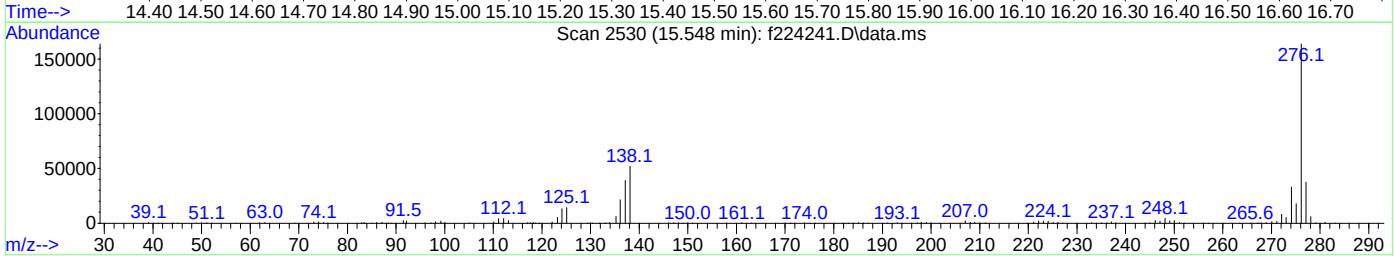
Ion	Exp%	Act%
112.10	100	100
64.10	52.70	54.27
63.10	29.30	30.11
0.00	0.00	0.00

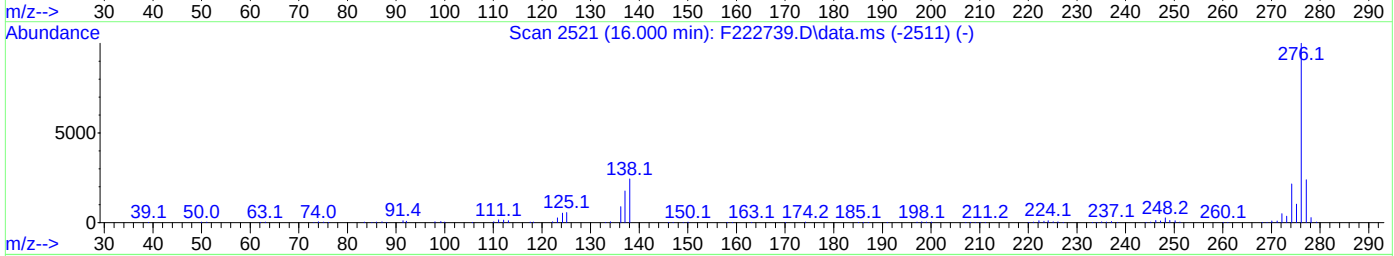
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224241.D
Acq On : 28 Jan 2025 10:25 am
Operator : kaleigh
Sample : op61138-bsd Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 28 16:32:29 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration







TIC: f224241.D\data.ms

(97) Indeno[1,2,3-cd]pyrene (t)

15.548min (-0.005) 56.60ppm

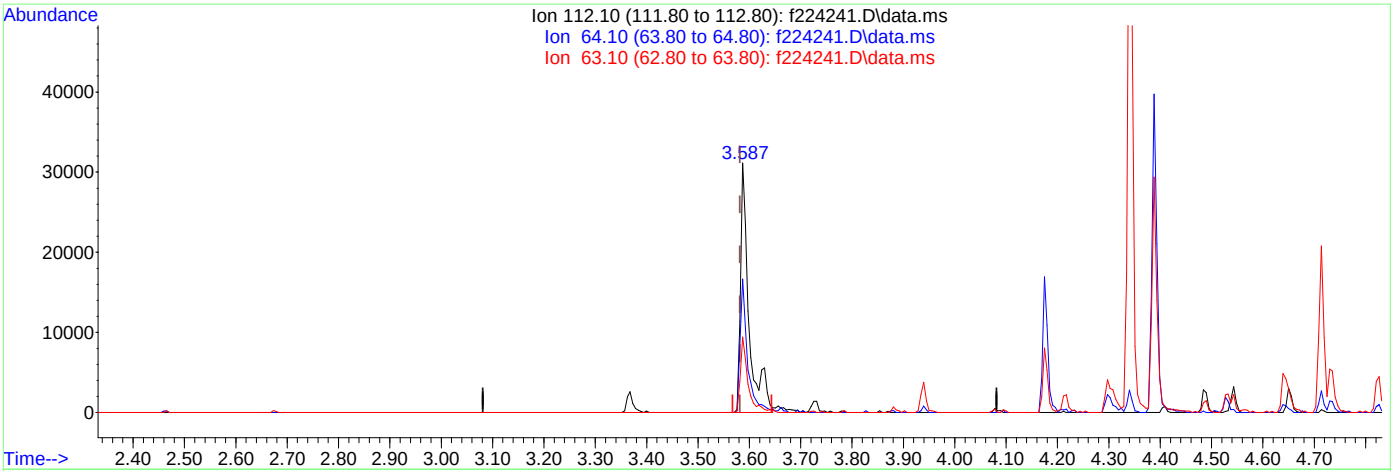
response 279777

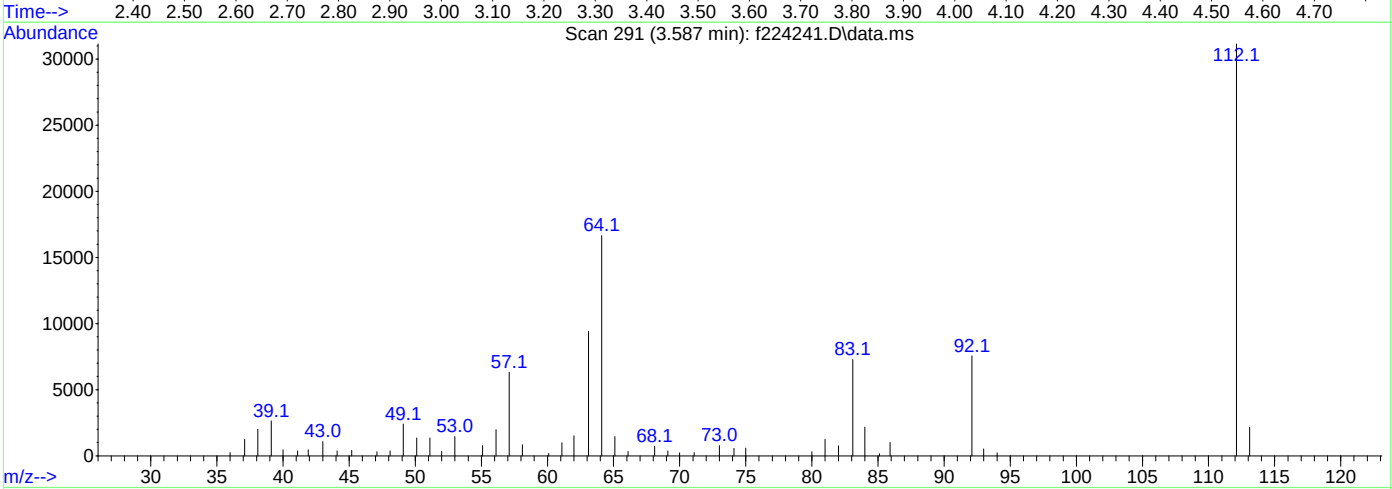
Ion	Exp%	Act%
276.20	100	100
138.10	33.10	31.85
137.10	25.60	23.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224241.D
Acq On : 28 Jan 2025 10:25 am
Operator : kaleigh
Sample : op61138-bsd Inst : GCMSF
Misc : op61138,ef9960,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 28 16:55:13 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:29:42 2025
Response via : Initial Calibration





TIC: f224241.D\data.ms

(5) 2-Fluorophenol (S)

3.587min (+0.005) 22.44ppm m

response 35678

Ion	Exp%	Act%
112.10	100	100
64.10	52.70	53.44
63.10	29.30	30.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10554.D
Acq On : 27 Jan 2025 06:27 pm
Operator : anthonyo
Sample : op61130-bs1 Inst : GCMSCJ
Misc : op61130,ecj451,30.0,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 28 01:58:52 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.098	152	109747	40.00	ppm	0.00
24) Naphthalene-d8	4.847	136	404584	40.00	ppm	0.00
46) Acenaphthene-d10	5.900	164	221404	40.00	ppm	0.00
69) Phenanthrene-d10	7.007	188	377685	40.00	ppm	0.00
84) Chrysene-d12	9.420	240	310642	40.00	ppm	0.00
93) Perylene-d12	10.714	264	304130	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	4.098	152	109747	40.00	ppm	0.00
105) Phenanthrene-d10a	7.007	188	377685	40.00	ppm	0.00
107) Naphthalene-d8a	4.847	136	404584	40.00	ppm	0.00
109) Phenanthrene-d10b	7.007	188	377685	40.00	ppm	0.00
112) Chrysene-d12a	9.420	240	310642	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.306	112	117128	34.63	ppm	0.00
Spiked Amount 50.000			Recovery = 69.26%			
8) Phenol-d5	3.937	99	149556	35.08	ppm	0.00
Spiked Amount 50.000			Recovery = 70.16%			
25) Nitrobenzene-d5	4.440	82	139879	35.74	ppm	0.00
Spiked Amount 50.000			Recovery = 71.48%			
51) 2-Fluorobiphenyl	5.467	172	292684	40.23	ppm	0.00
Spiked Amount 50.000			Recovery = 80.46%			
74) 2,4,6-Tribromophenol	6.467	330	38142	45.04	ppm	0.00
Spiked Amount 50.000			Recovery = 90.08%			
87) Terphenyl-d14	8.425	244	334795	42.97	ppm	0.00
Spiked Amount 50.000			Recovery = 85.94%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	1.873	88	24439	17.9240	ppm	97
3) Pyridine	2.231	79	84559	22.9582	ppm	100
4) N-Nitrosodimethylamine	2.183	74	61093	29.9102	ppm	99
6) Indene	4.253	116	202433	31.8814	ppm	99
7) Cumene	3.590	105	221224	29.9335	ppm	98
9) Phenol	3.943	94	168302	36.7063	ppm	96
10) Aniline	3.916	93	102030	17.8615	ppm	98
11) bis(2-Chloroethyl)ether	3.943	93	120269	33.1057	ppm	95
12) 2-Chlorophenol	3.991	128	132666	34.6294	ppm	99
13) Decane	3.980	43	101938	24.8215	ppm	98
14) 1,3-Dichlorobenzene	4.060	146	132756	31.7206	ppm	95
15) 1,4-Dichlorobenzene	4.108	146	132915	31.2785	ppm	100
16) Benzyl alcohol	4.205	108	84401	33.5494	ppm	95
17) 1,2-Dichlorobenzene	4.205	146	131797	32.7964	ppm	93
18) Acetophenone	4.349	105	184402	34.2986	ppm	99
19) 2-Methylphenol	4.290	108	124064	36.8850	ppm	96
20) 2,2'-oxybis(1-Chloropr...	4.258	121	38203	31.8546	ppm #	47
21) 3&4-Methylphenol	4.387	108	264345	75.0123	ppm	96
22) n-Nitroso-di-n-propyla...	4.349	70	90946	34.7899	ppm	96
23) Hexachloroethane	4.397	201	50284	35.6851	ppm #	78
26) Nitrobenzene	4.451	77	139612	36.4784	ppm	95
27) Quinoline	5.060	129	259791	37.6874	ppm	99
28) Isophorone	4.584	82	259277	38.2214	ppm	98
29) 2-Nitrophenol	4.638	139	73811	41.8660	ppm	94
30) 2,4-Dimethylphenol	4.675	107	151671	41.4442	ppm	96
31) Benzoic acid	4.766	105	115934	45.8088	ppm	99

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10554.D
Acq On : 27 Jan 2025 06:27 pm
Operator : anthonyo
Sample : op61130-bs1 Inst : GCMSCJ
Misc : op61130,ecj451,30.0,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 28 01:58:52 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
32) bis(2-Chloroethoxy)met...	4.707	93	157854	36.0478	ppm		99
33) 2,4-Dichlorophenol	4.782	162	118926	41.0857	ppm		93
34) 2,6-Dichlorophenol	4.905	162	116986	40.5186	ppm		95
35) 1,3,5-Trichlorobenzene	4.627	180	120502	36.4952	ppm		98
36) 1,2,4-Trichlorobenzene	4.809	180	113699	36.6024	ppm		98
37) 1,2,3-Trichlorobenzene	4.943	180	115135	37.1952	ppm		98
38) Naphthalene	4.857	128	366663	34.4906	ppm		99
39) 4-Chloroaniline	4.905	127	78791	17.9516	ppm		90
40) 2,3-Dichloroaniline	5.435	161	119334	35.6257	ppm		98
41) Hydroquinone	5.130	110	121346	55.1078	ppm		94
42) Hexachlorobutadiene	4.921	225	71439	41.7743	ppm		98
43) 4-Chloro-3-methylphenol	5.200	107	134374	44.6678	ppm		90
44) 2-Methylnaphthalene	5.253	141	233242	37.4970	ppm		99
45) 1-Methylnaphthalene	5.312	141	222765	37.4484	ppm		98
47) Hexachlorocyclopentadiene	5.339	237	133791	79.4153	ppm		98
48) 1,2,4,5-tetrachloroben...	5.349	216	121938	41.0333	ppm		99
49) 2,4,6-Trichlorophenol	5.430	196	89000	42.5188	ppm		98
50) 2,4,5-Trichlorophenol	5.462	196	93739	44.9180	ppm		98
52) 2-Chloronaphthalene	5.547	162	251301	38.6986	ppm		96
53) Biphenyl	5.531	154	325633	38.2304	ppm		100
54) 2-Nitroaniline	5.627	65	85552	43.7695	ppm		88
55) Dimethylphthalate	5.724	163	311834	41.0459	ppm		100
56) Acenaphthylene	5.809	152	372771	39.6279	ppm		99
57) 2,6-Dinitrotoluene	5.772	165	68556	46.2252	ppm		94
58) 3-Nitroaniline	5.900	138	46439	25.7021	ppm		95
59) Acenaphthene	5.922	153	267801	39.2746	ppm		99
60) 2,4-Dinitrophenol	5.959	184	75878	90.8578	ppm		89
61) 4-Nitrophenol	6.045	109	52581	50.7097	ppm	#	50
62) Dibenzofuran	6.039	168	357526	39.0482	ppm		97
63) 2,4-Dinitrotoluene	6.039	165	94894	46.0249	ppm		80
64) 2,3,4,6-Tetrachlorophenol	6.136	232	74898	44.8947	ppm		93
65) Diethylphthalate	6.189	149	318907	40.4909	ppm		99
66) Fluorene	6.280	166	296726	40.5472	ppm		96
67) 4-Chlorophenyl-phenyle...	6.275	204	141785	43.1976	ppm		96
68) 4-Nitroaniline	6.333	138	69505	36.7738	ppm		92
70) 4,6-Dinitro-2-methylph...	6.333	198	52380	46.1279	ppm		98
71) n-Nitrosodiphenylamine	6.371	169	250468	40.0615	ppm		96
72) 1,2-Diphenylhydrazine	6.392	77	309022	40.5469	ppm		95
73) pentachloronitrobenzene	6.863	295	14934	48.0804	ppm		98
75) 4-Bromophenyl-phenylether	6.638	248	82174	45.1173	ppm		91
76) Hexachlorobenzene	6.692	284	83396	42.8552	ppm		87
77) Pentachlorophenol	6.868	266	107626	83.7355	ppm		98
78) Phenanthrene	7.029	178	424935	39.2255	ppm		99
79) Anthracene	7.072	178	434463	40.1907	ppm		99
80) Carbazole	7.227	167	397229	37.7861	ppm		98
81) Di-n-butylphthalate	7.500	149	545657	41.7472	ppm		99
82) Fluoranthene	8.066	202	450123	40.1727	ppm		97
83) Octadecane	6.874	57	215361	35.5780	ppm		97
85) benzidine	8.216	184	101049	15.1301	ppm		99
86) Pyrene	8.275	202	460994	39.7418	ppm		99
88) Butylbenzylphthalate	8.890	149	230906	42.7407	ppm		93
89) Benzo[a]anthracene	9.409	228	417637	39.2535	ppm		98
90) 3,3'-Dichlorobenzidine	9.409	252	70983	18.6769	ppm		96
91) Chrysene	9.446	228	396798	39.8232	ppm		99
92) bis(2-Ethylhexyl)phtha...	9.430	149	345828	42.6661	ppm		96
94) Di-n-octylphthalate	10.024	149	581241	44.3580	ppm		99
95) Benzo[b]fluoranthene	10.388	252	396971	40.7611	ppm		97
96) Benzo[k]fluoranthene	10.415	252	379729	43.5956	ppm		99

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10554.D
Acq On : 27 Jan 2025 06:27 pm
Operator : anthonyo
Sample : op61130-bs1 Inst : GCMSCJ
Misc : op61130,ecj451,30.0,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 28 01:58:52 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

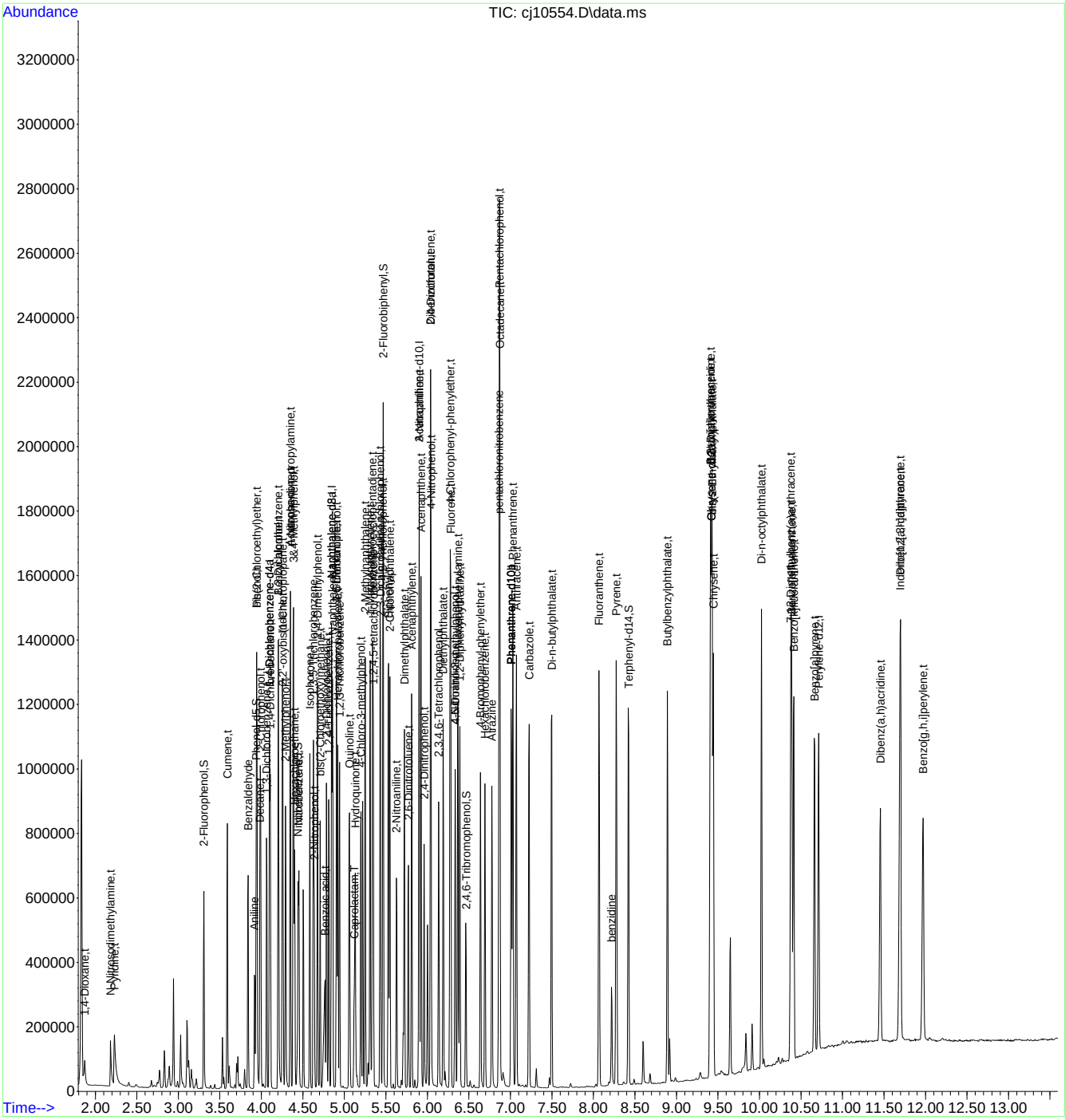
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) Benzo[a]pyrene	10.666	252	343780	43.0261	ppm	99
98) Indeno[1,2,3-cd]pyrene	11.693	276	433968	43.3683	ppm	99
99) Dibenz(a,h)acridine	11.458	279	294352	43.6756	ppm	100
100) Dibenz[a,h]anthracene	11.698	278	350365	43.9488	ppm	97
101) 7,12-Dimethylbenz(a)an...	10.377	256	172223	52.4849	ppm	97
102) Benzo[g,h,i]perylene	11.971	276	331920	42.8183	ppm	98
104) Benzaldehyde	3.841	105	100060	31.5047	ppm	97
106) Atrazine	6.777	215	40824	42.3289	ppm	89
108) Caprolactam	5.119	55	85601	49.7948	ppm	97

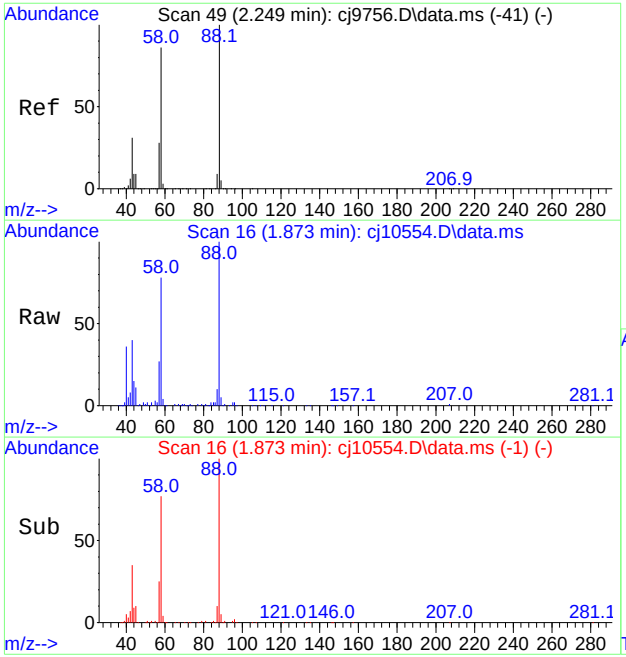
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10554.D
Acq On : 27 Jan 2025 06:27 pm
Operator : anthonyo
Sample : op61130-bs1 Inst : GCMSCJ
Misc : op61130,ecj451,30.0,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 28 01:58:52 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

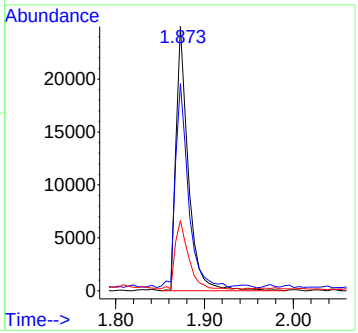


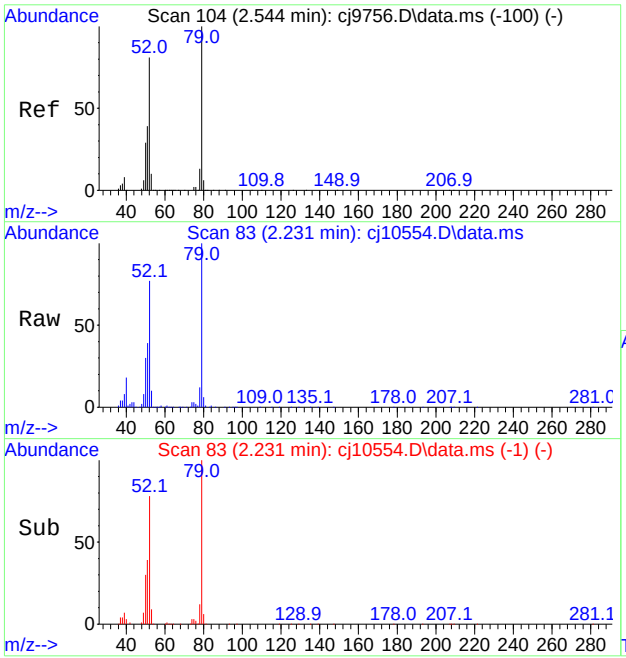


#2
1,4-Dioxane
Concen: 17.9240 ppm
RT: 1.873 min Scan# 16
Delta R.T. 0.016 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 88 Resp: 24439

Ion	Ratio	Lower	Upper
88	100		
58	76.4	43.9	103.9
57	25.9	0.0	55.2

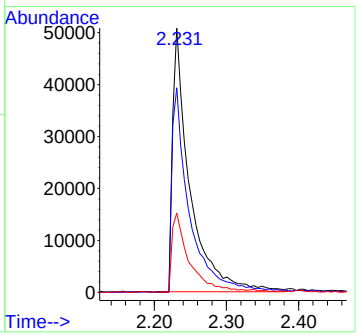


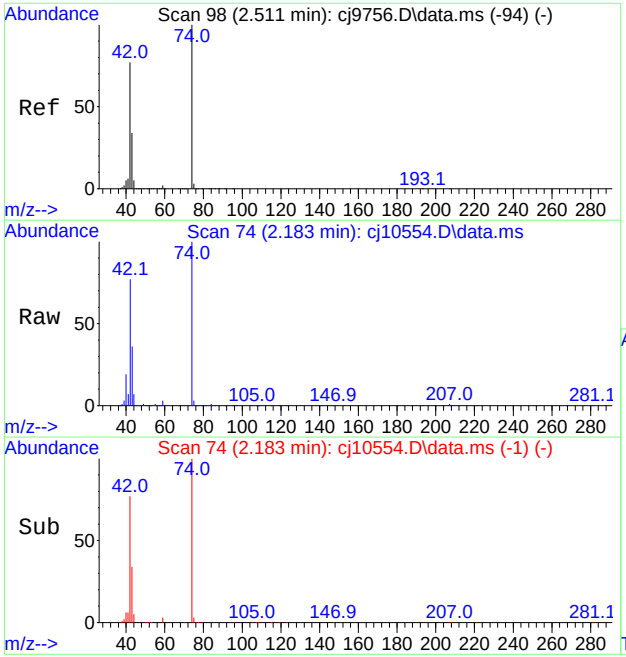


#3
Pyridine
Concen: 22.9582 ppm
RT: 2.231 min Scan# 83
Delta R.T. 0.021 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 79 Resp: 84559

Ion	Ratio	Lower	Upper
79	100		
52	77.4	47.1	107.1
50	30.1	0.0	59.7

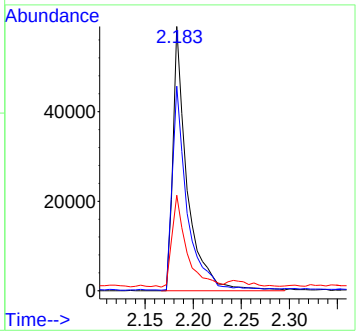


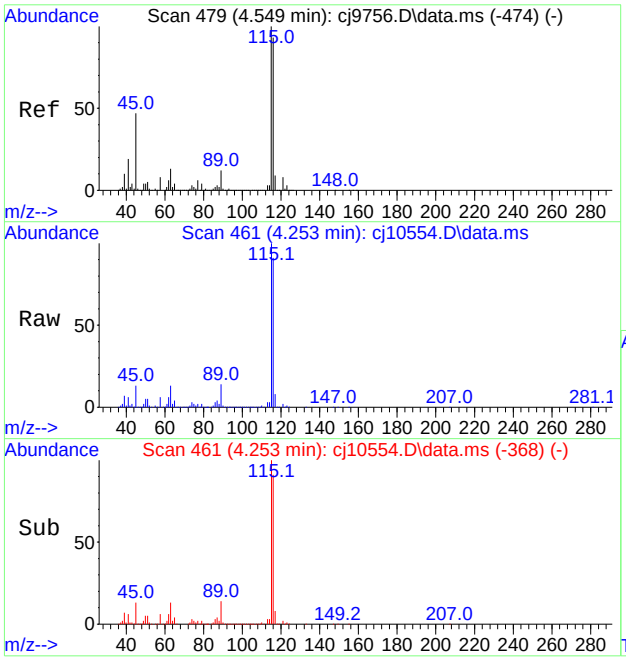


#4
N-Nitrosodimethylamine
Concen: 29.9102 ppm
RT: 2.183 min Scan# 74
Delta R.T. 0.011 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 74 Resp: 61093

Ion	Ratio	Lower	Upper
74	100		
42	77.0	46.7	106.7
43	34.6	3.2	63.2

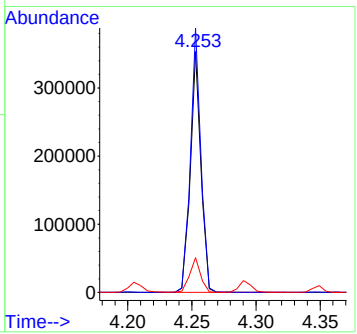


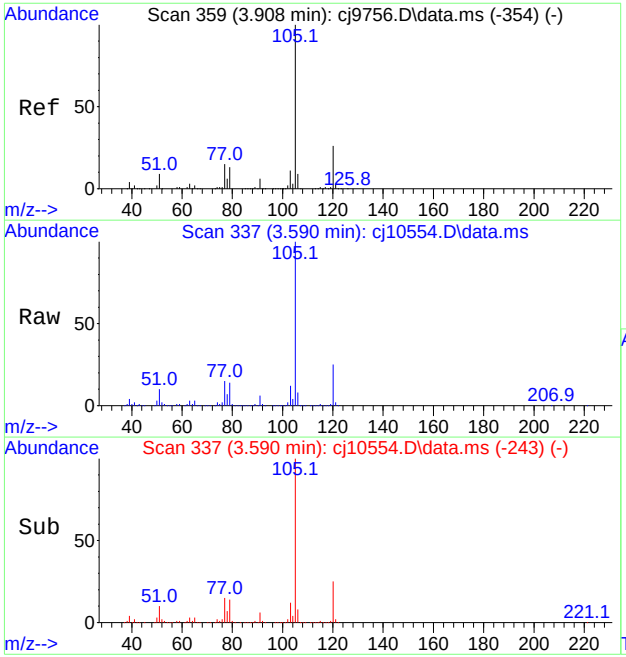


#6
Indene
Concen: 31.8814 ppm
RT: 4.253 min Scan# 461
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:116 Resp: 202433

Ion	Ratio	Lower	Upper
116	100		
115	109.8	78.5	138.5
63	14.3	0.0	45.0

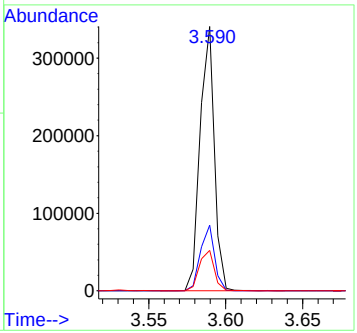


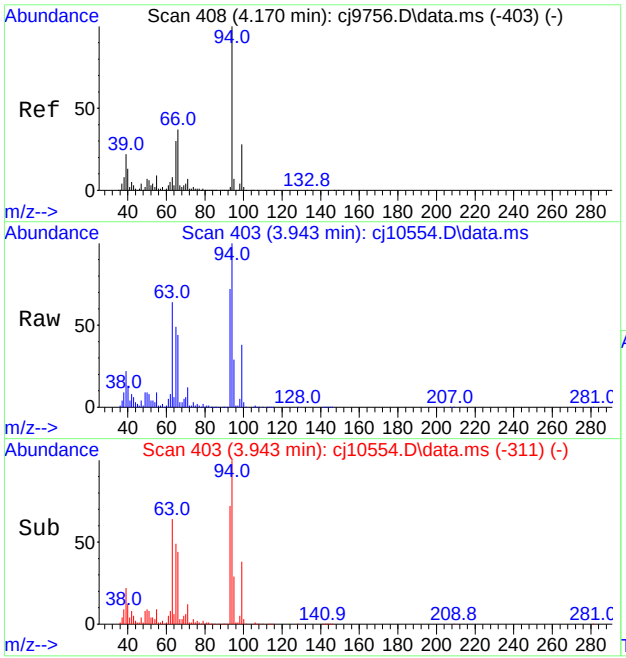


#7
Cumene
Concen: 29.9335 ppm
RT: 3.590 min Scan# 337
Delta R.T. 0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:105 Resp: 221224

Ion	Ratio	Lower	Upper
105	100		
120	24.9	0.0	54.7
77	15.3	0.0	47.2

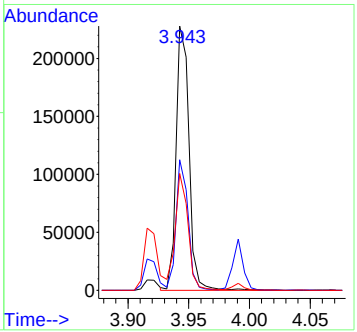


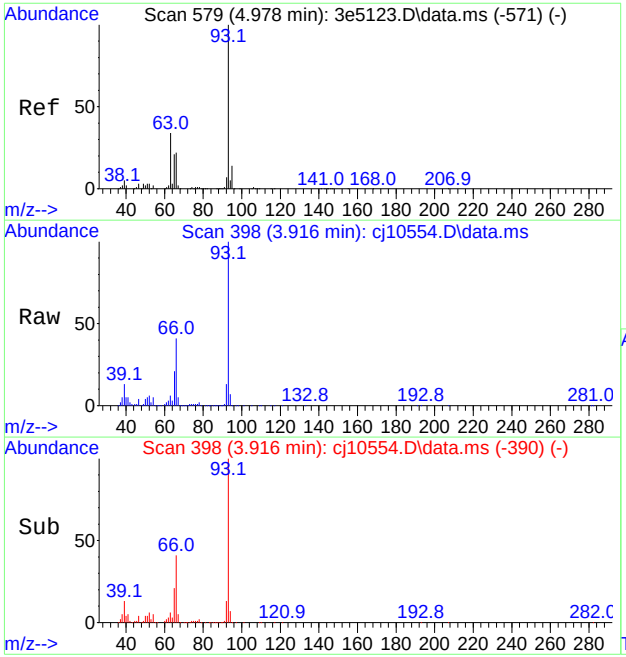


#9
Phenol
Concen: 36.7063 ppm
RT: 3.943 min Scan# 403
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 94 Resp: 168302

Ion	Ratio	Lower	Upper
94	100		
65	48.2	16.2	76.2
66	41.6	8.1	68.1

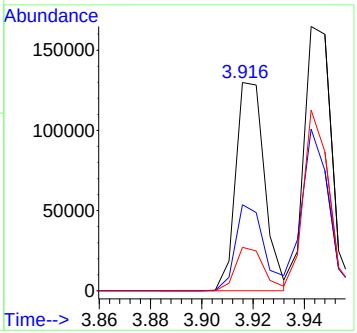


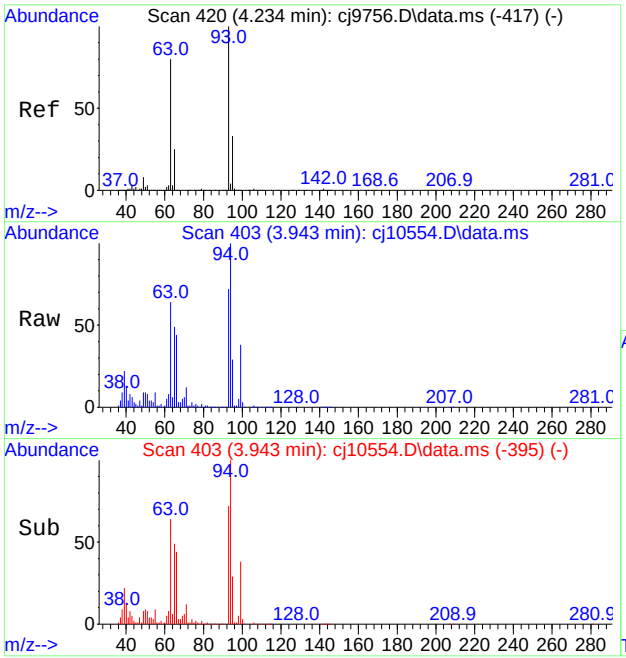


#10
Aniline
Concen: 17.8615 ppm
RT: 3.916 min Scan# 398
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 93 Resp: 102030

Ion	Ratio	Lower	Upper
93	100		
66	38.7	7.7	67.7
65	20.3	0.0	49.2

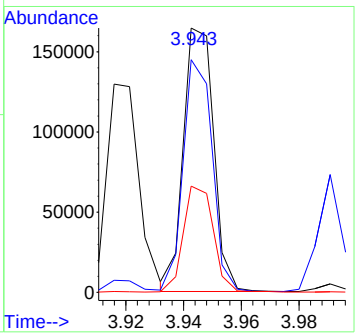


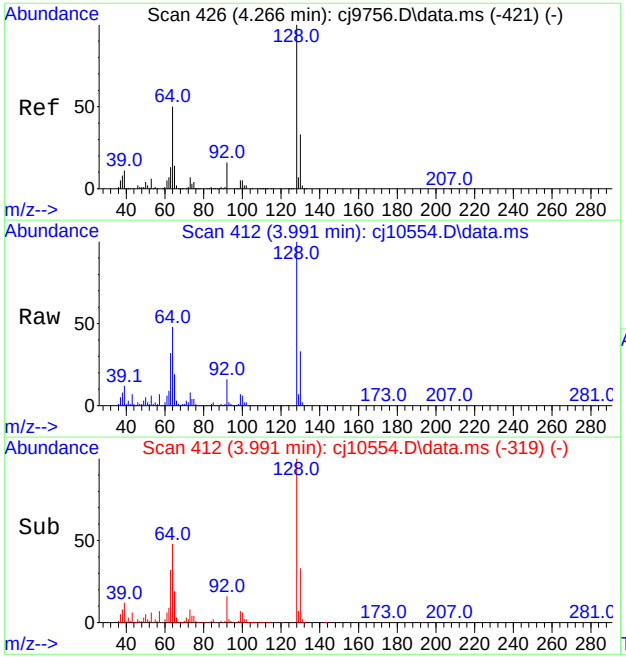


#11
bis(2-Chloroethyl)ether
Concen: 33.1057 ppm
RT: 3.943 min Scan# 403
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 93 Resp: 120269

Ion	Ratio	Lower	Upper
93	100		
63	89.3	52.9	112.9
95	40.9	11.3	71.3

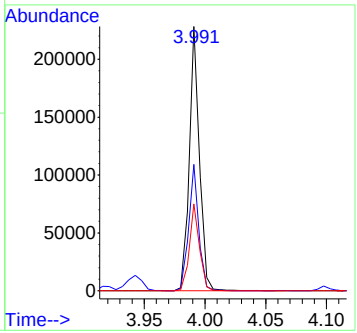


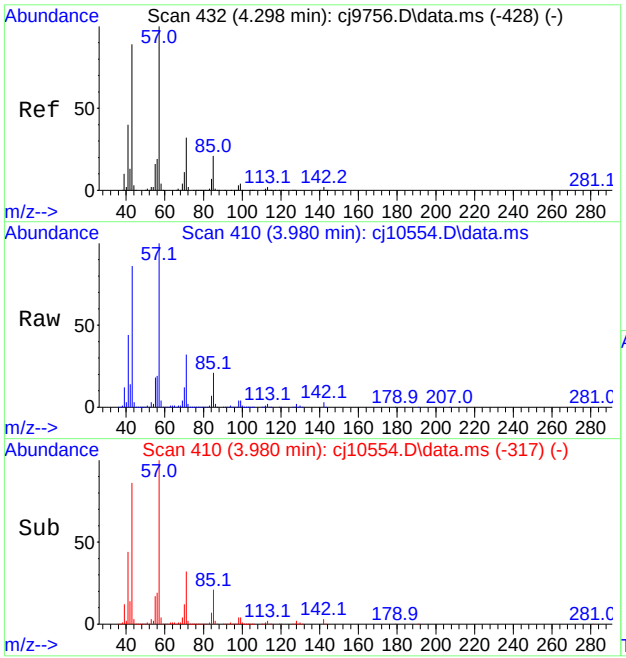


#12
2-Chlorophenol
Concen: 34.6294 ppm
RT: 3.991 min Scan# 412
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:128 Resp: 132666

Ion	Ratio	Lower	Upper
128	100		
64	47.7	18.5	78.5
130	32.9	2.3	62.3

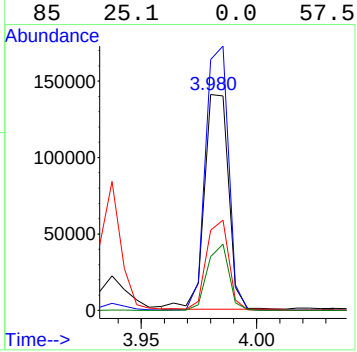


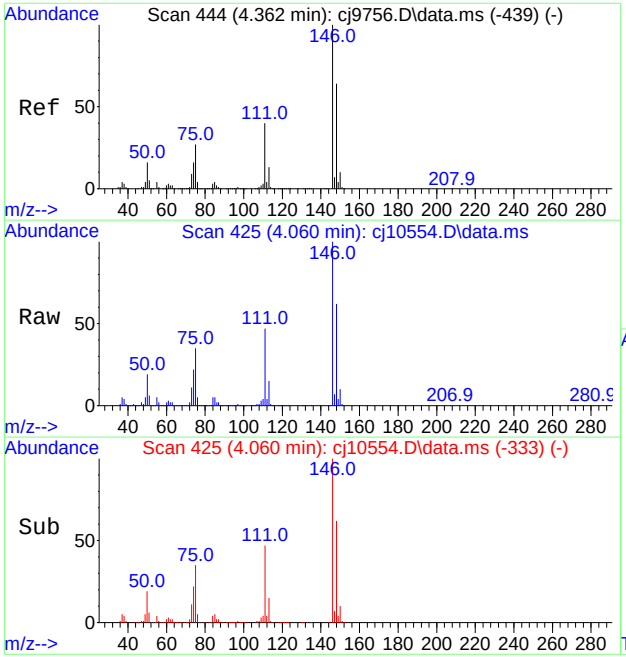


#13
Decane
Concen: 24.8215 ppm
RT: 3.980 min Scan# 410
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 43 Resp: 101938

Ion	Ratio	Lower	Upper
43	100		
57	117.5	89.1	149.1
71	37.3	9.0	69.0
85	25.1	0.0	57.5

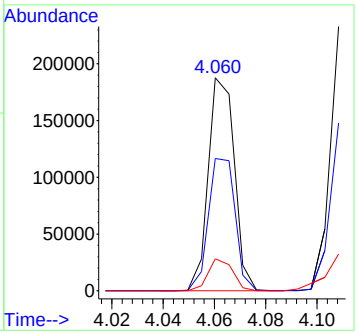


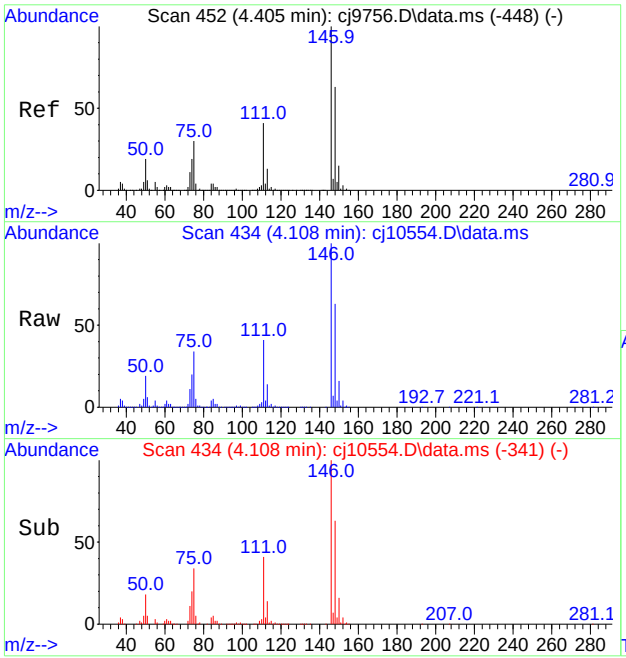


#14
1,3-Dichlorobenzene
Concen: 31.7206 ppm
RT: 4.060 min Scan# 425
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:146 Resp: 132756

Ion	Ratio	Lower	Upper
146	100		
148	62.1	35.9	95.9
113	15.0	0.0	43.0

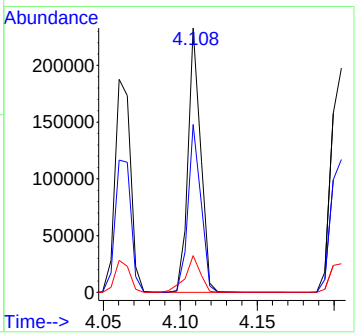


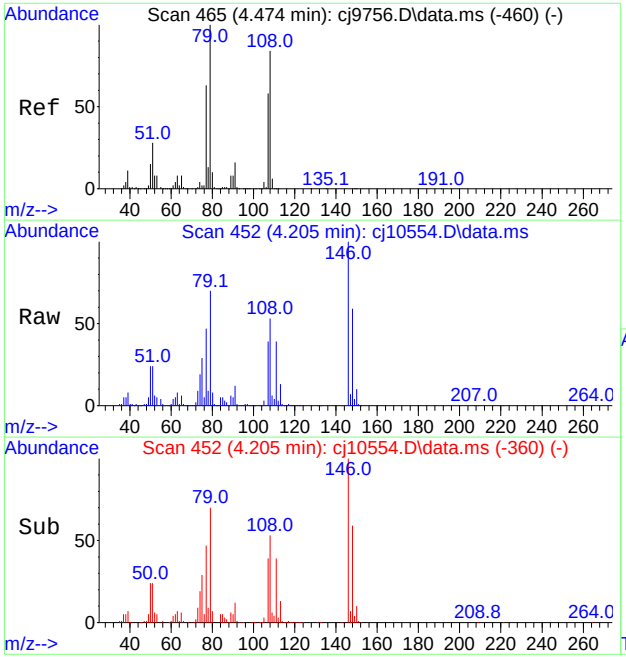


#15
1,4-Dichlorobenzene
Concen: 31.2785 ppm
RT: 4.108 min Scan# 434
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:146 Resp: 132915

Ion	Ratio	Lower	Upper
146	100		
148	63.5	33.7	93.7
113	13.8	0.0	44.1

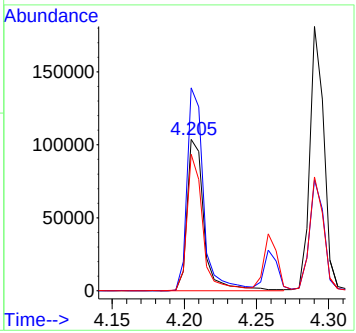


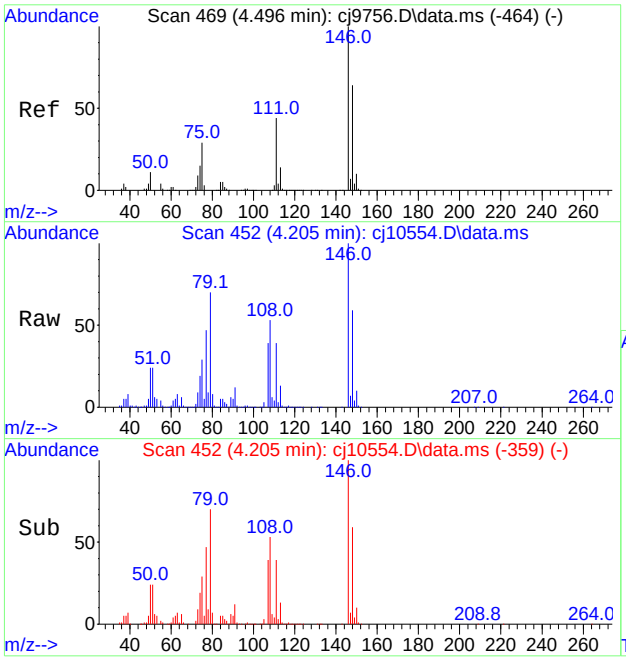


#16
Benzyl alcohol
Concen: 33.5494 ppm
RT: 4.205 min Scan# 452
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:108 Resp: 84401

Ion	Ratio	Lower	Upper
108	100		
79	133.1	99.1	159.1
77	88.9	51.3	111.3

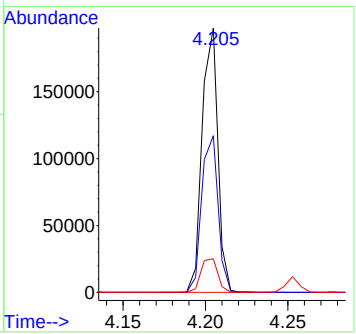


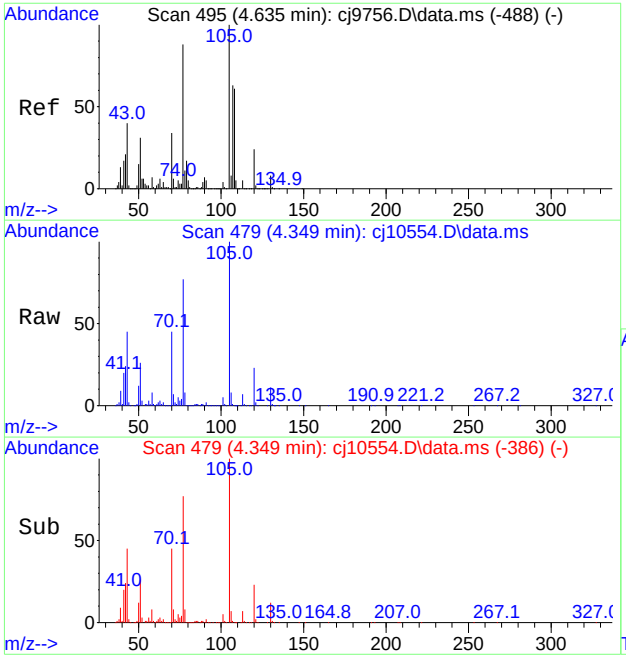


#17
1,2-Dichlorobenzene
Concen: 32.7964 ppm
RT: 4.205 min Scan# 452
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:146 Resp: 131797

Ion	Ratio	Lower	Upper
146	100		
148	59.2	35.1	95.1
113	11.7	0.0	43.7

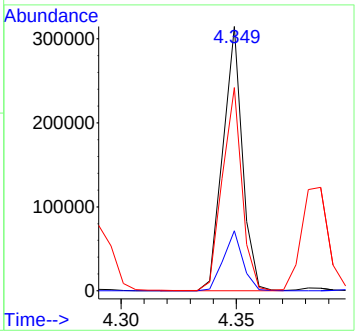


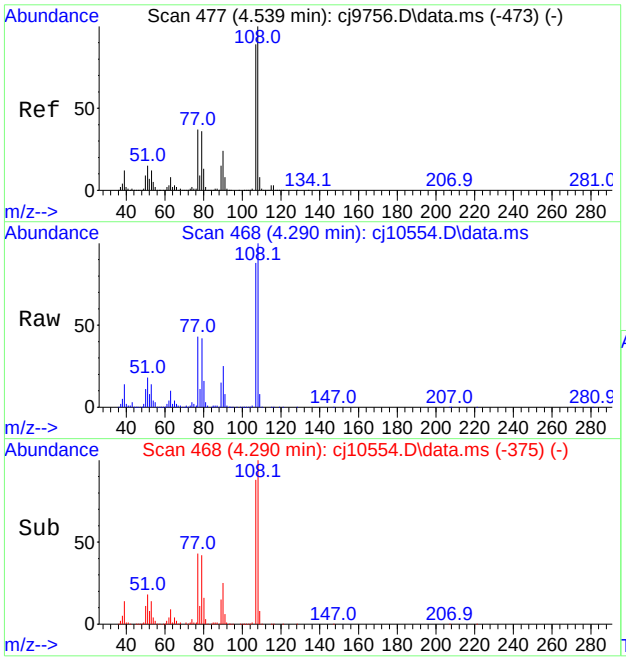


#18
Acetophenone
Concen: 34.2986 ppm
RT: 4.349 min Scan# 479
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:105 Resp: 184402

Ion	Ratio	Lower	Upper
105	100		
120	22.7	0.0	51.5
77	76.5	47.4	107.4

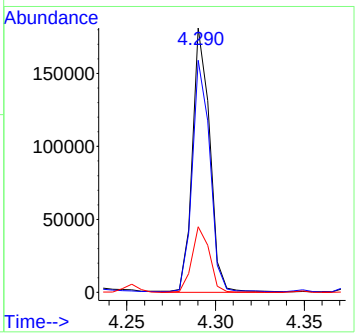


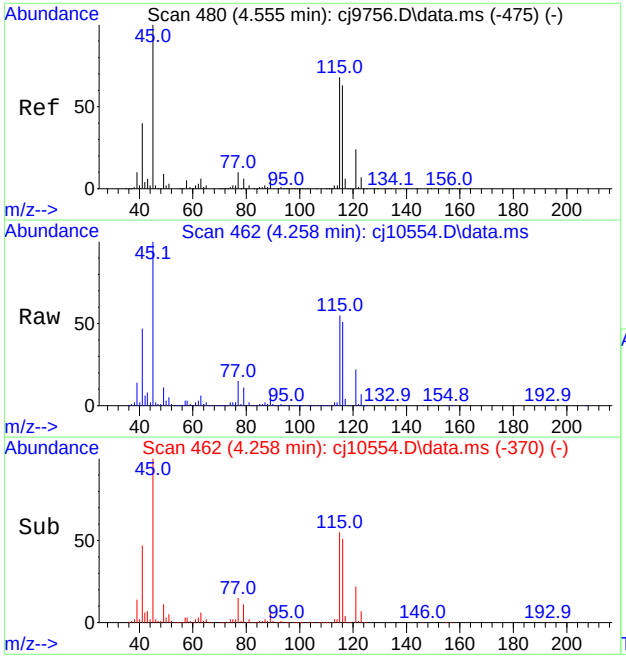


#19
2-Methylphenol
Concen: 36.8850 ppm
RT: 4.290 min Scan# 468
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:108 Resp: 124064

Ion	Ratio	Lower	Upper
108	100		
107	87.8	62.8	122.8
90	24.9	0.0	55.7

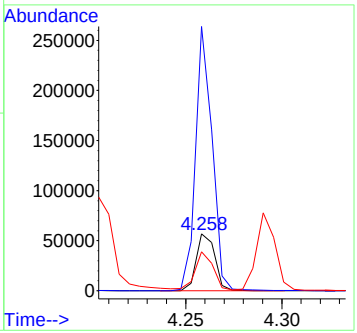


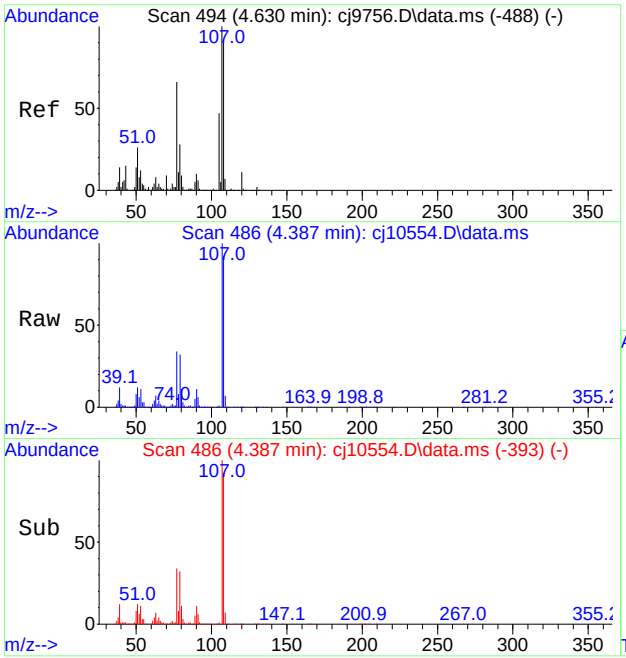


#20
2,2'-oxybis(1-Chloropropane
Concen: 31.8546 ppm
RT: 4.258 min Scan# 462
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:121 Resp: 38203

Ion	Ratio	Lower	Upper
121	100		
45	464.0	315.9	375.9#
77	58.5	7.2	67.2

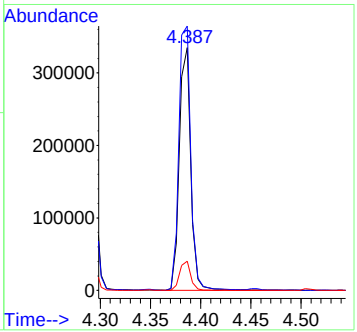


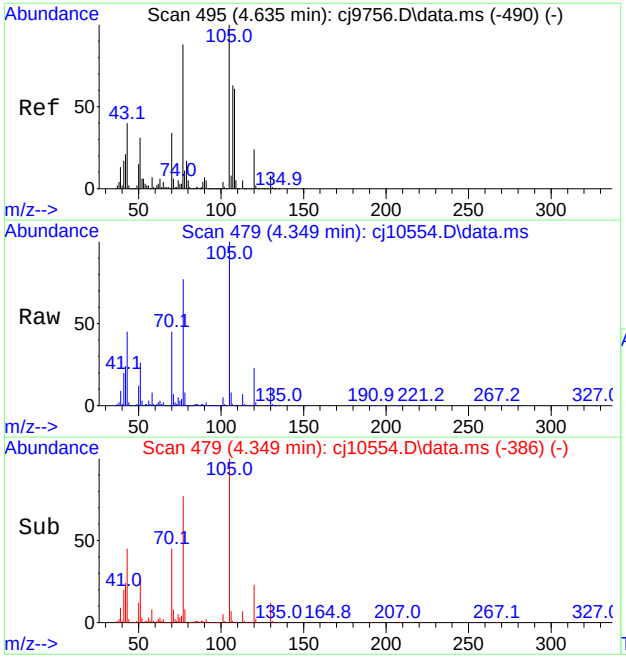


#21
3&4-Methylphenol
Concen: 75.0123 ppm
RT: 4.387 min Scan# 486
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:108 Resp: 264345

Ion	Ratio	Lower	Upper
108	100		
107	109.0	83.9	143.9
90	12.1	0.0	41.5

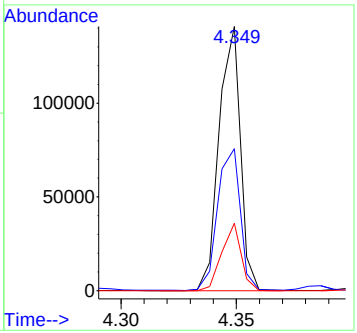


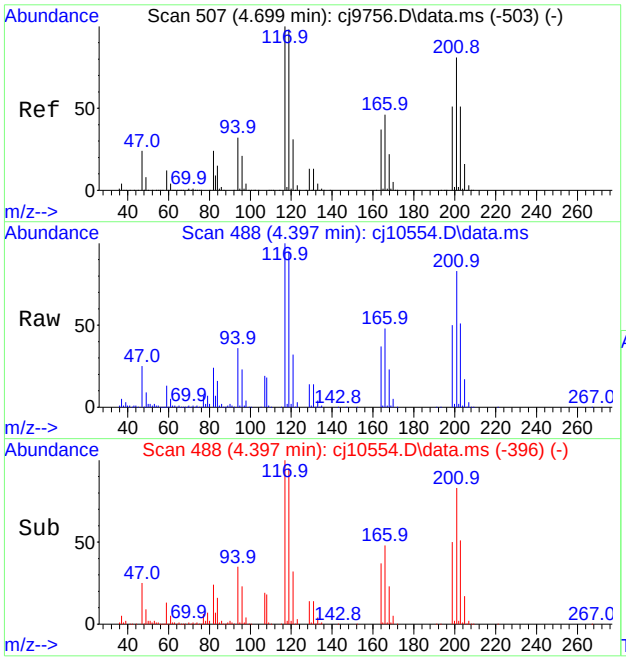


#22
n-Nitroso-di-n-propylamine
Concen: 34.7899 ppm
RT: 4.349 min Scan# 479
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 70 Resp: 90946

Ion	Ratio	Lower	Upper
70	100		
42	53.5	25.6	85.6
130	25.5	0.0	51.9

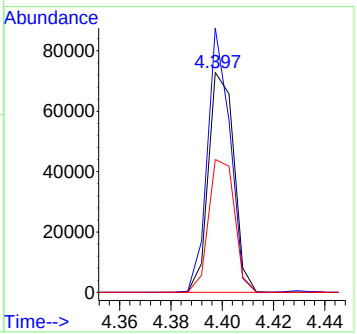


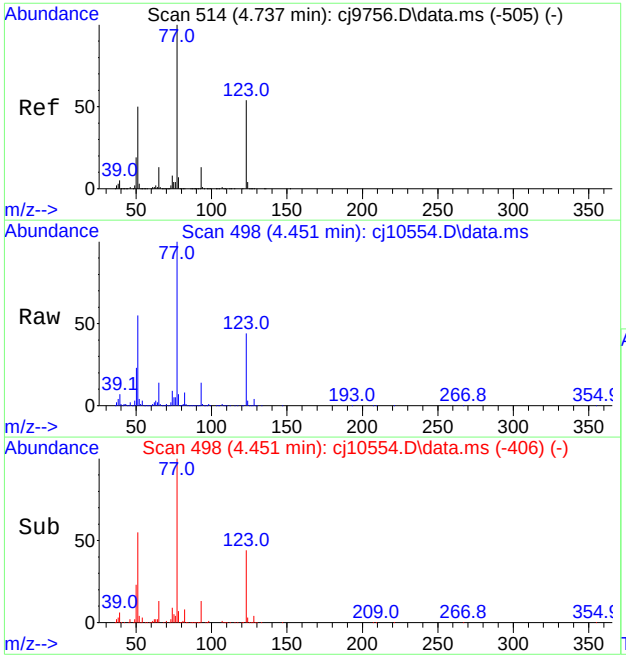


#23
Hexachloroethane
Concen: 35.6851 ppm
RT: 4.397 min Scan# 488
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:201 Resp: 50284

Ion	Ratio	Lower	Upper
201	100		
117	120.1	55.6	115.6#
199	60.4	31.1	91.1

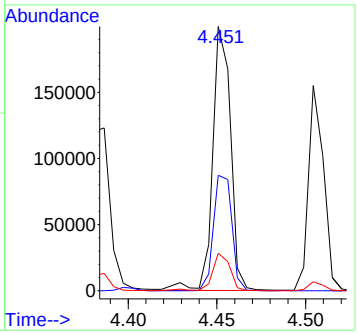


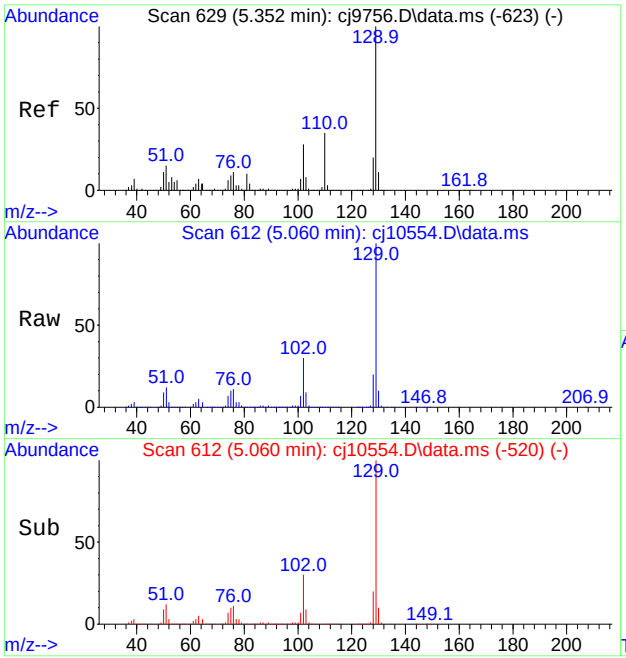


#26
Nitrobenzene
Concen: 36.4784 ppm
RT: 4.451 min Scan# 498
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 77 Resp: 139612

Ion	Ratio	Lower	Upper
77	100		
123	43.8	18.4	78.4
65	14.2	0.0	44.4

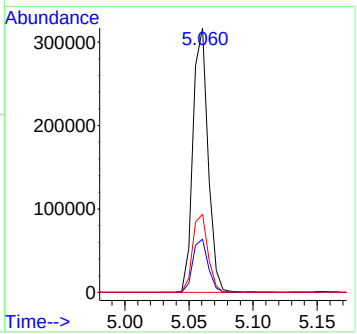


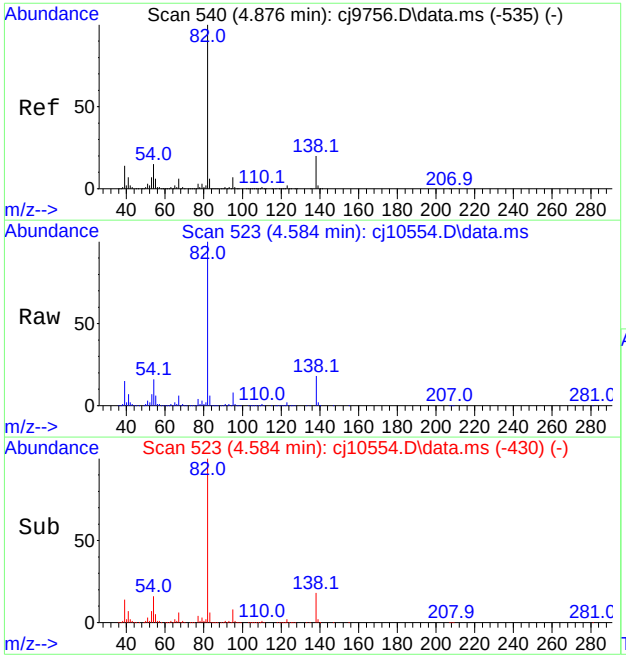


#27
Quinoline
Concen: 37.6874 ppm
RT: 5.060 min Scan# 612
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:129 Resp: 259791

Ion	Ratio	Lower	Upper
129	100		
128	20.1	0.0	49.8
102	29.6	0.0	58.9

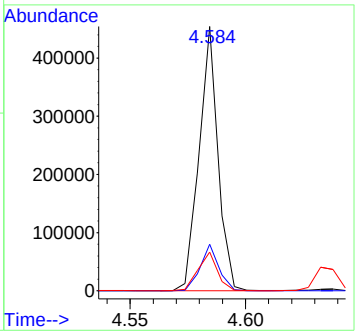


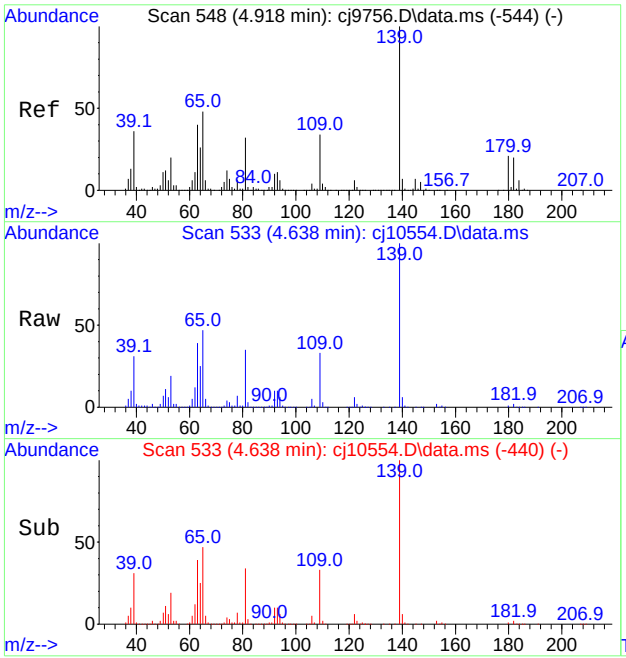


#28
Isophorone
Concen: 38.2214 ppm
RT: 4.584 min Scan# 523
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 82 Resp: 259277

Ion	Ratio	Lower	Upper
82	100		
138	17.6	0.0	46.8
39	14.5	0.0	45.7

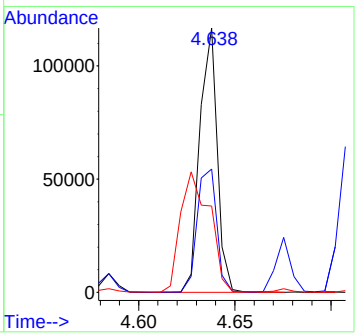


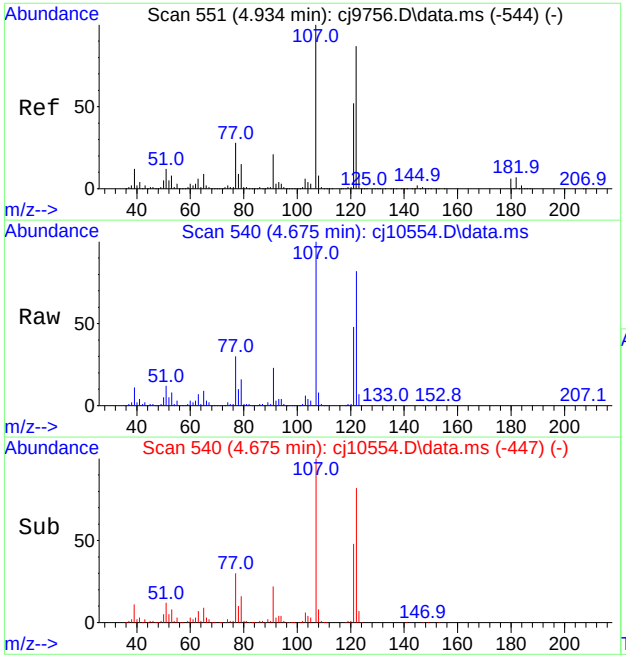


#29
2-Nitrophenol
Concen: 41.8660 ppm
RT: 4.638 min Scan# 533
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:139 Resp: 73811

Ion	Ratio	Lower	Upper
139	100		
65	36.2	13.2	73.2
109	31.8	1.8	61.8

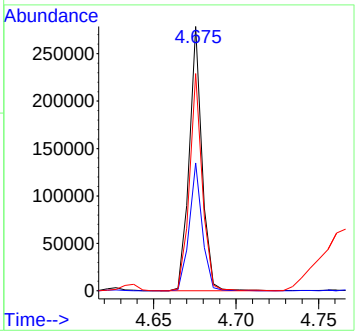


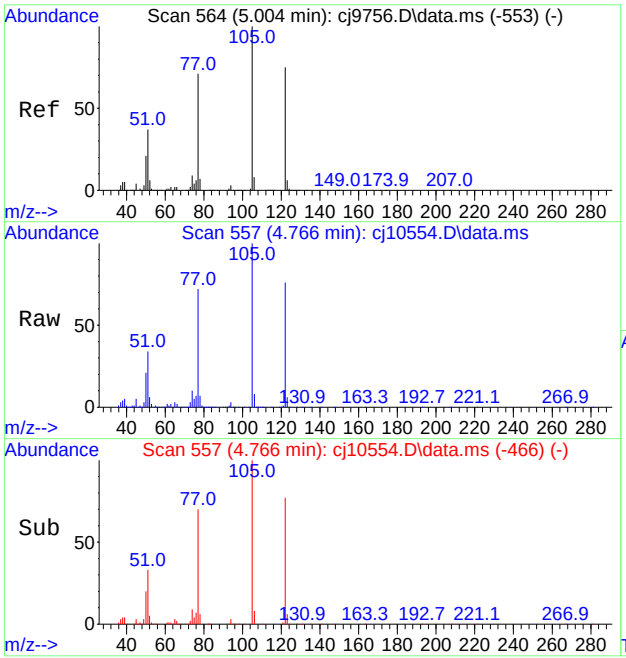


#30
2,4-Dimethylphenol
Concen: 41.4442 ppm
RT: 4.675 min Scan# 540
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:107 Resp: 151671

Ion	Ratio	Lower	Upper
107	100		
121	48.3	16.3	76.3
122	82.1	47.8	107.8

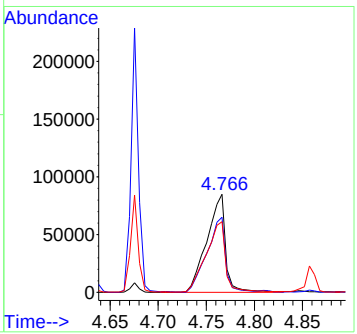


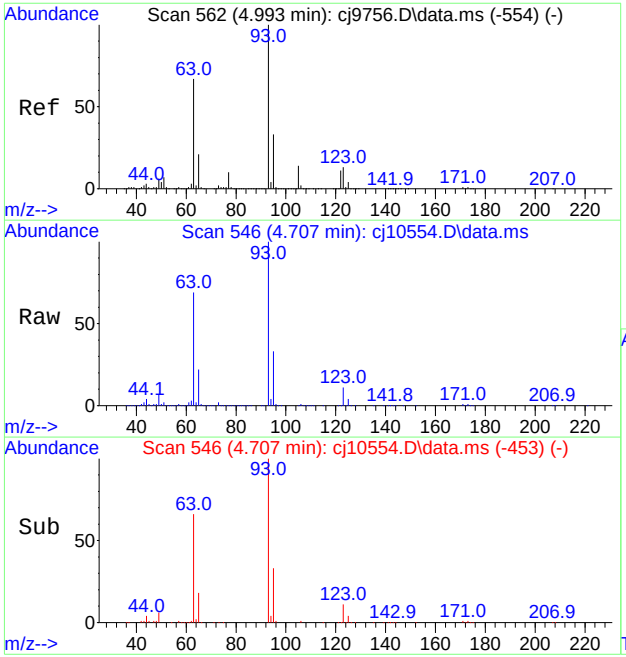


#31
Benzoic acid
Concen: 45.8088 ppm
RT: 4.766 min Scan# 557
Delta R.T. -0.011 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:105 Resp: 115934

Ion	Ratio	Lower	Upper
105	100		
122	76.3	45.4	105.4
77	71.5	42.8	102.8

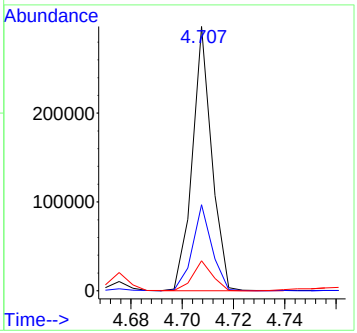


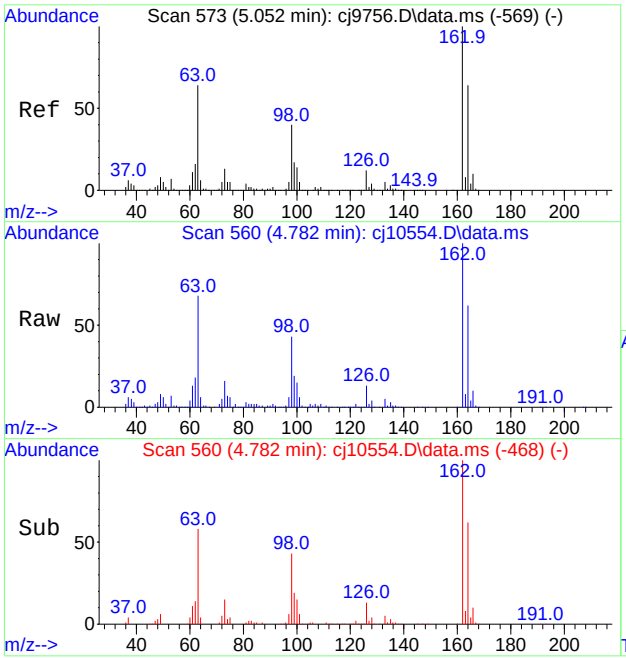


#32
bis(2-Chloroethoxy)methane
Concen: 36.0478 ppm
RT: 4.707 min Scan# 546
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 93 Resp: 157854

Ion	Ratio	Lower	Upper
93	100		
95	32.5	2.9	62.9
123	11.1	0.0	41.0

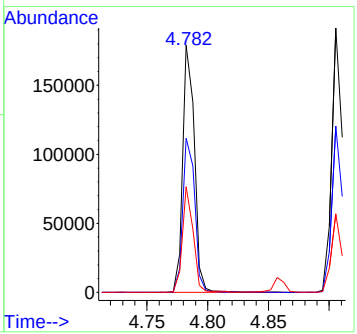


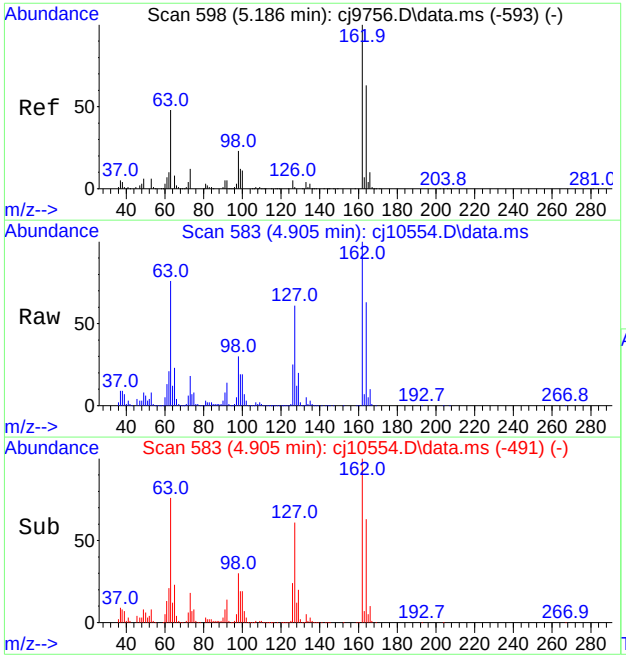


#33
2,4-Dichlorophenol
Concen: 41.0857 ppm
RT: 4.782 min Scan# 560
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:162 Resp: 118926

Ion	Ratio	Lower	Upper
162	100		
164	62.3	36.4	96.4
98	40.6	4.0	64.0

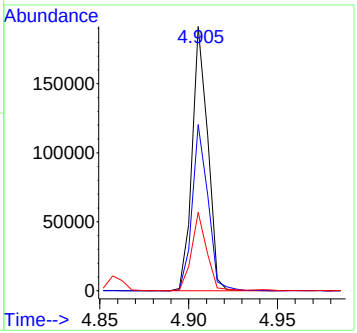


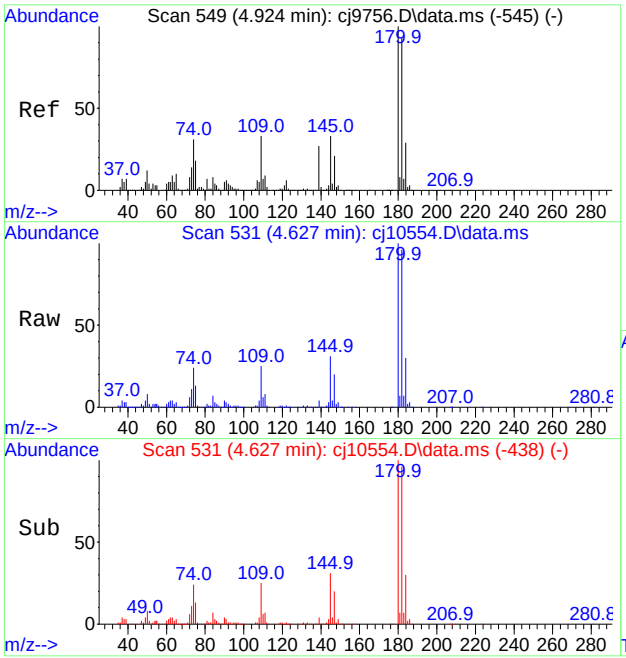


#34
2,6-Dichlorophenol
Concen: 40.5186 ppm
RT: 4.905 min Scan# 583
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:162 Resp: 116986

Ion	Ratio	Lower	Upper
162	100		
164	62.9	35.0	95.0
98	29.7	0.0	54.7

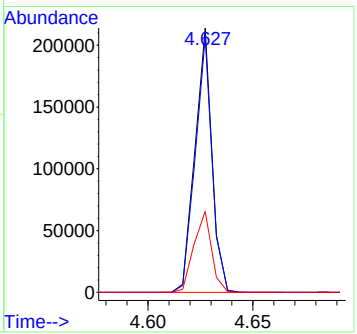


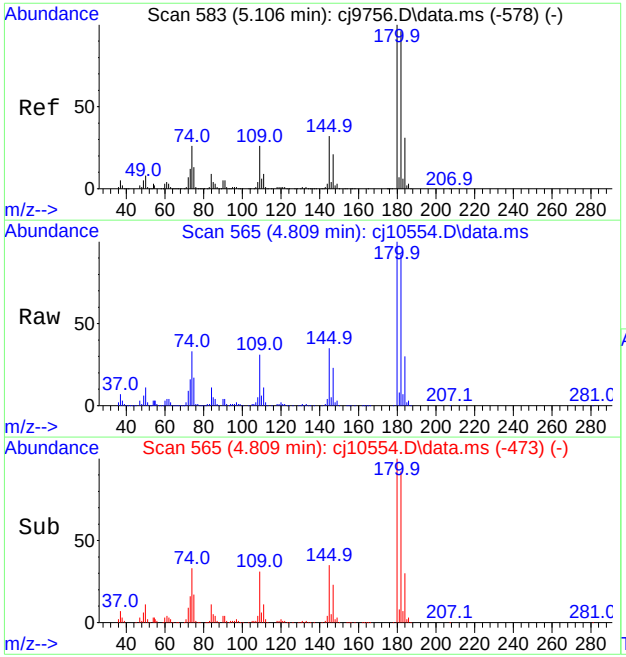


#35
1,3,5-Trichlorobenzene
Concen: 36.4952 ppm
RT: 4.627 min Scan# 531
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:180 Resp: 120502

Ion	Ratio	Lower	Upper
180	100		
182	96.4	65.1	125.1
145	30.6	2.5	62.5

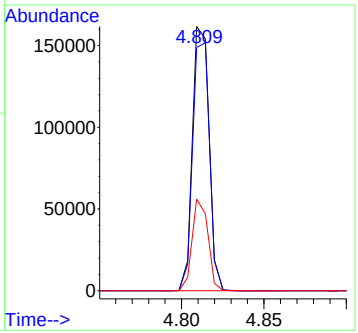


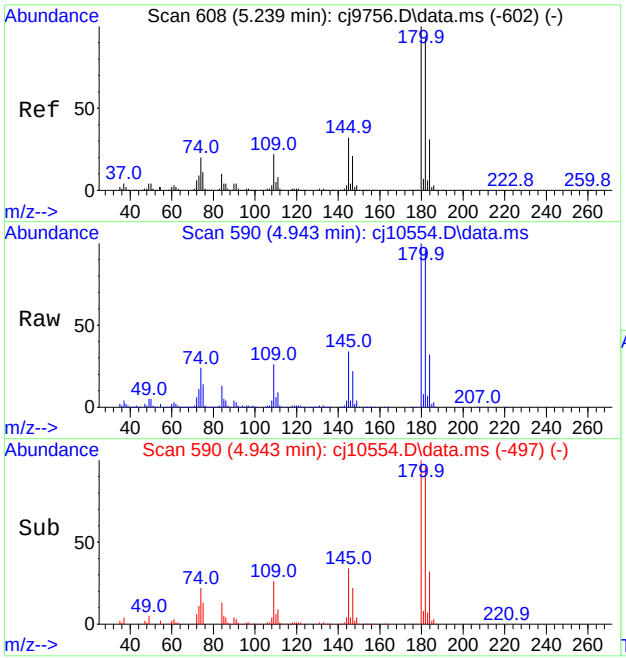


#36
1,2,4-Trichlorobenzene
Concen: 36.6024 ppm
RT: 4.809 min Scan# 565
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:180 Resp: 113699

Ion	Ratio	Lower	Upper
180	100		
182	92.0	63.0	123.0
145	34.6	1.9	61.9

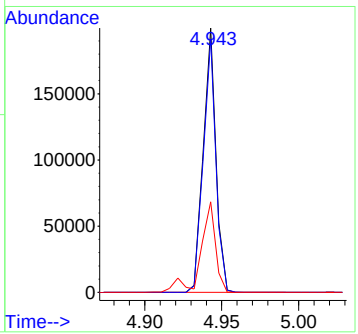


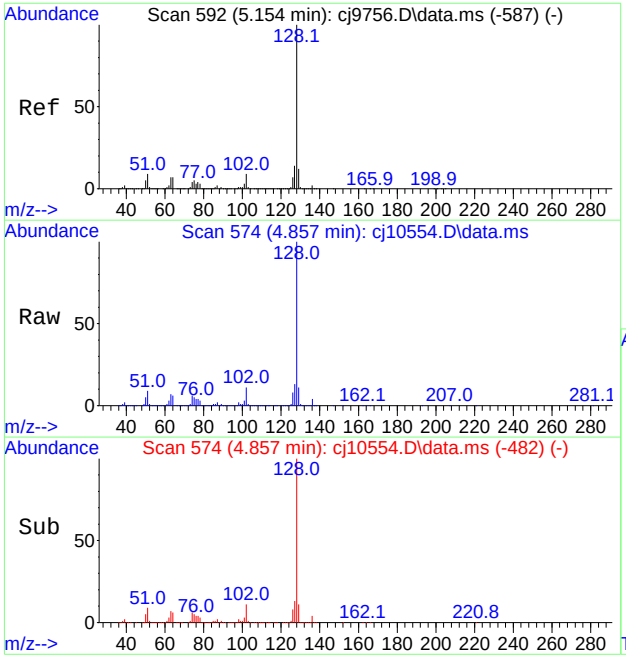


#37
1,2,3-Trichlorobenzene
Concen: 37.1952 ppm
RT: 4.943 min Scan# 590
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:180 Resp: 115135

Ion	Ratio	Lower	Upper
180	100		
182	95.8	62.6	122.6
145	34.2	4.1	64.1

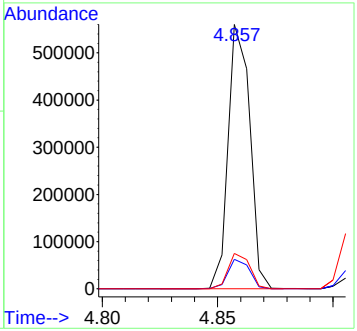


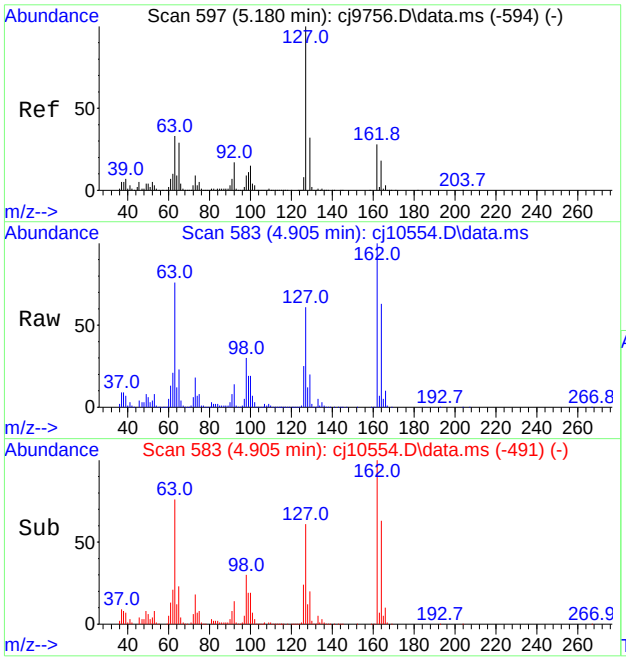


#38
Naphthalene
Concen: 34.4906 ppm
RT: 4.857 min Scan# 574
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:128 Resp: 366663

Ion	Ratio	Lower	Upper
128	100		
129	11.1	0.0	40.9
127	13.4	0.0	43.8

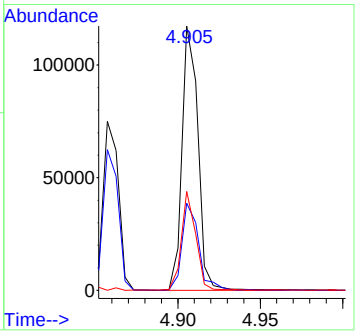


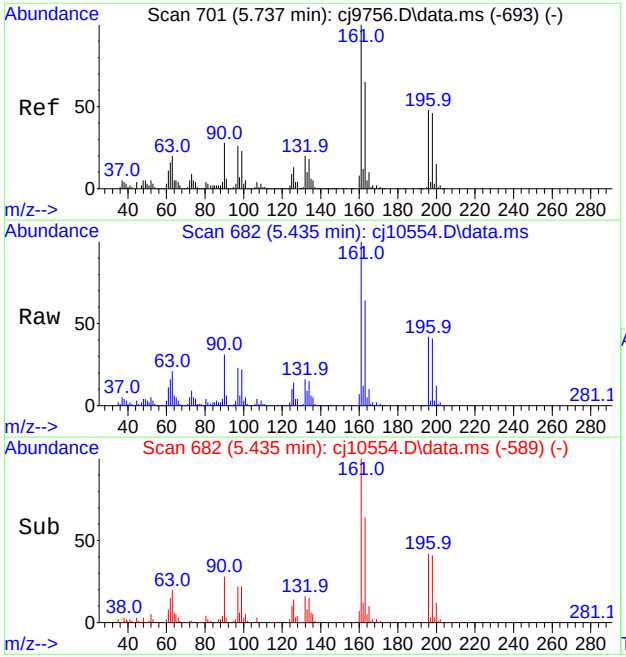


#39
4-Chloroaniline
Concen: 17.9516 ppm
RT: 4.905 min Scan# 583
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:127 Resp: 78791

Ion	Ratio	Lower	Upper
127	100		
129	32.9	1.3	61.3
65	37.3	0.0	58.3

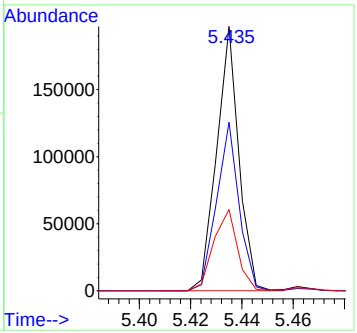


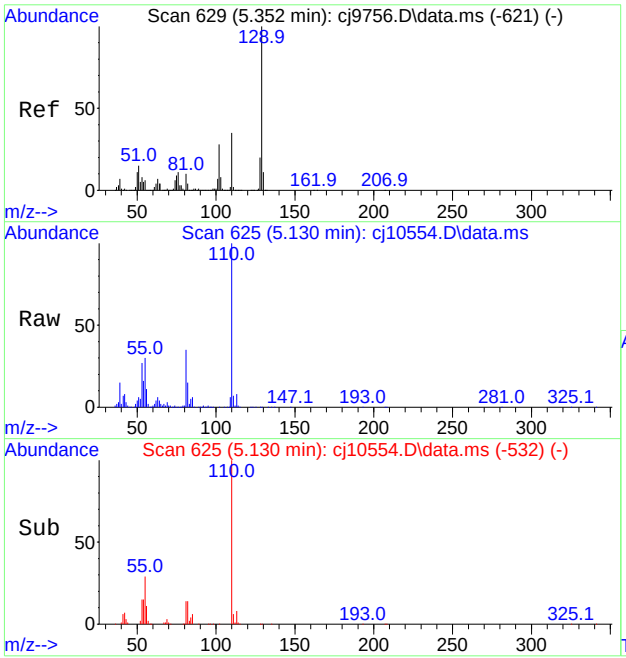


#40
2,3-Dichloroaniline
Concen: 35.6257 ppm
RT: 5.435 min Scan# 682
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:161 Resp: 119334

Ion	Ratio	Lower	Upper
161	100		
163	63.9	35.0	95.0
90	30.7	2.8	62.8

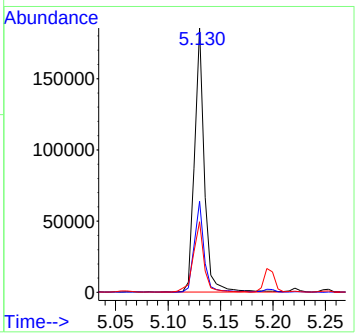


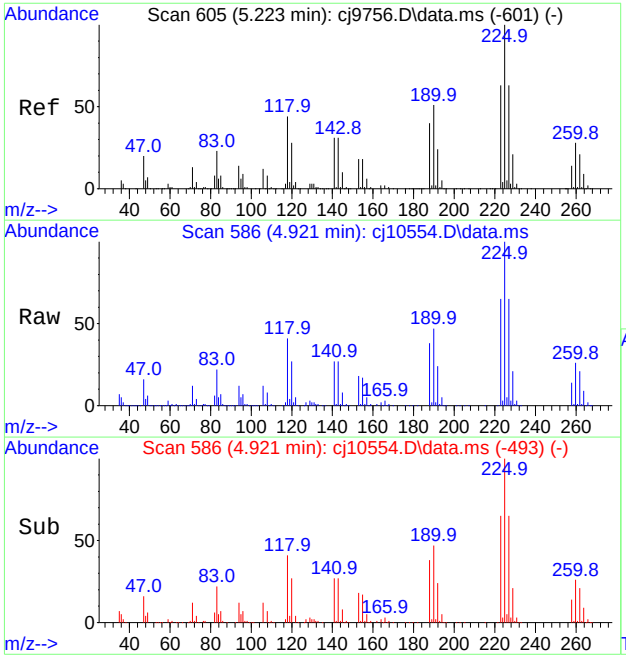


#41
Hydroquinone
Concen: 55.1078 ppm
RT: 5.130 min Scan# 625
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:110 Resp: 121346

Ion	Ratio	Lower	Upper
110	100		
81	34.4	1.6	61.6
53	26.6	0.0	53.5

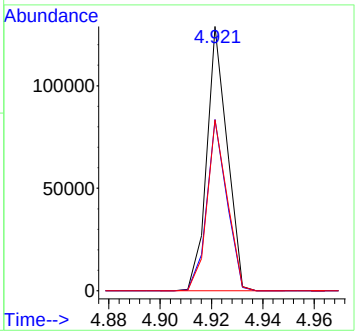


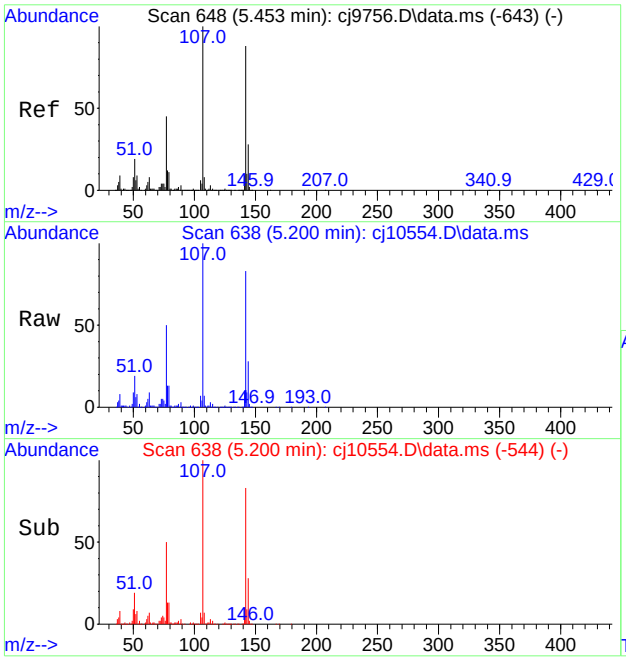


#42
Hexachlorobutadiene
Concen: 41.7743 ppm
RT: 4.921 min Scan# 586
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:225 Resp: 71439

Ion	Ratio	Lower	Upper
225	100		
223	64.8	33.9	93.9
227	64.6	31.9	91.9

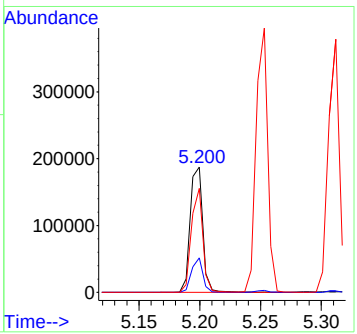


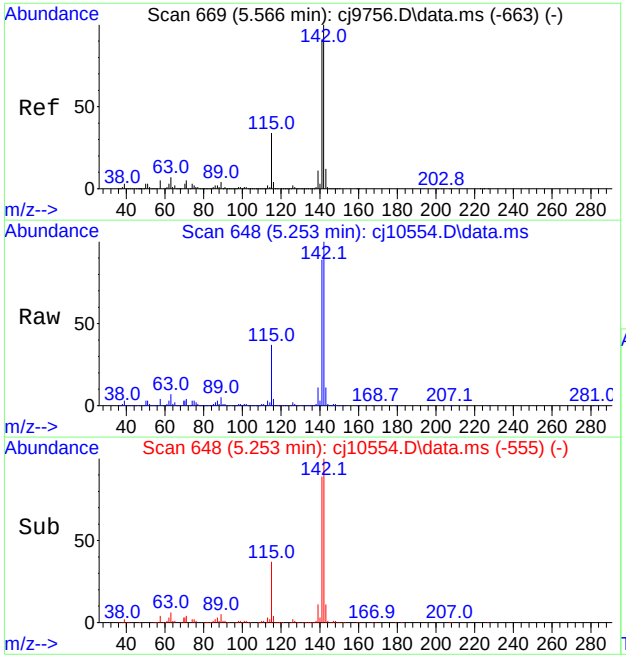


#43
4-Chloro-3-methylphenol
Concen: 44.6678 ppm
RT: 5.200 min Scan# 638
Delta R.T. 0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:107 Resp: 134374

Ion	Ratio	Lower	Upper
107	100		
144	27.6	0.0	53.5
142	82.9	43.8	103.8

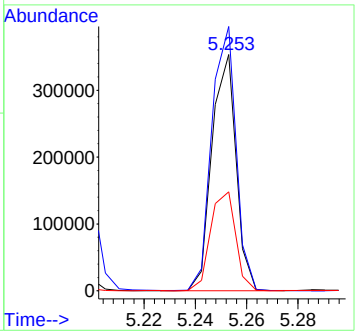


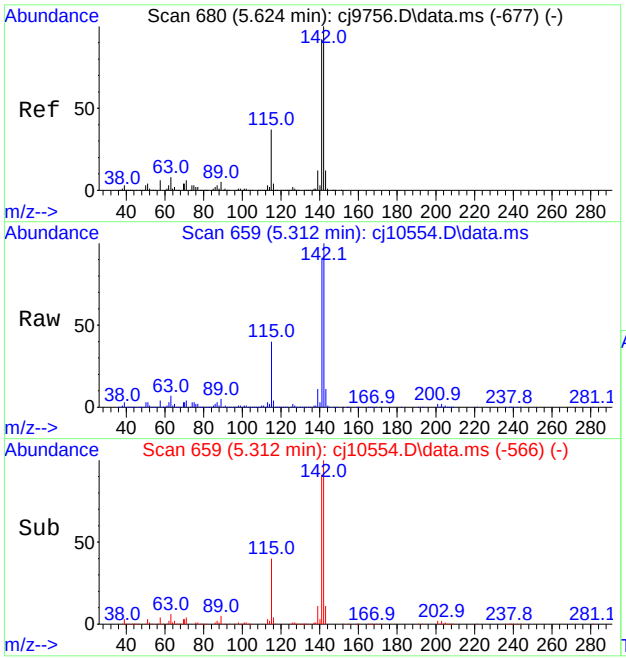


#44
2-Methylnaphthalene
Concen: 37.4970 ppm
RT: 5.253 min Scan# 648
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:141 Resp: 233242

Ion	Ratio	Lower	Upper
141	100		
142	111.9	82.6	142.6
115	41.8	11.3	71.3

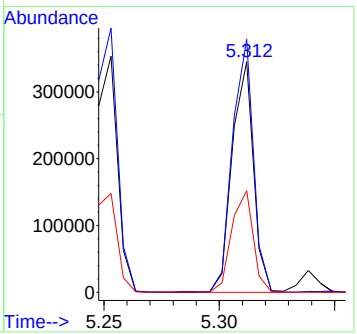


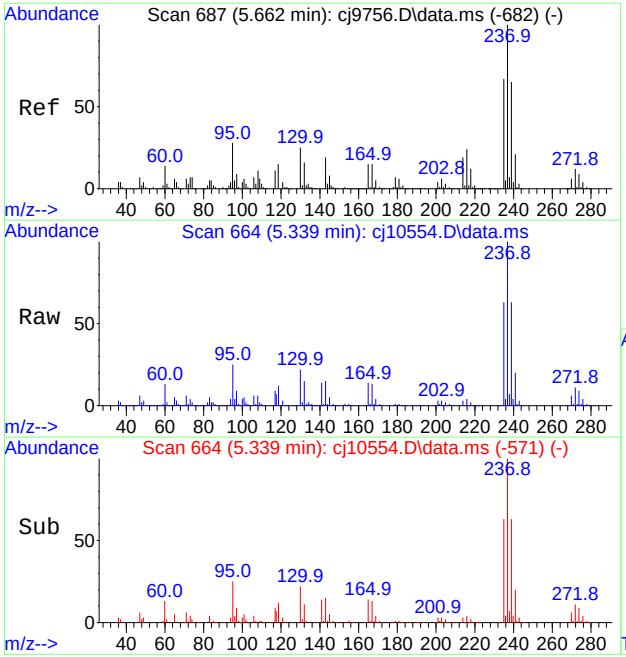


#45
1-Methylnaphthalene
Concen: 37.4484 ppm
RT: 5.312 min Scan# 659
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:141 Resp: 222765

Ion	Ratio	Lower	Upper
141	100		
142	109.9	78.7	138.7
115	44.1	12.3	72.3

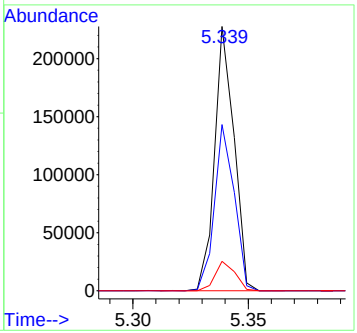


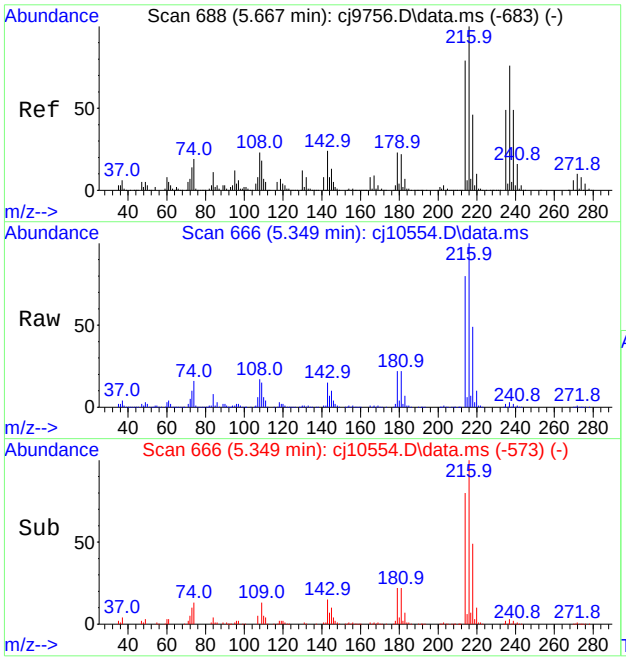


#47
Hexachlorocyclopentadiene
Concen: 79.4153 ppm
RT: 5.339 min Scan# 664
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:237 Resp: 133791

Ion	Ratio	Lower	Upper
237	100		
235	62.8	34.5	94.5
272	11.2	0.0	40.7

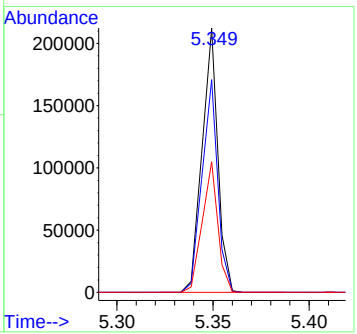


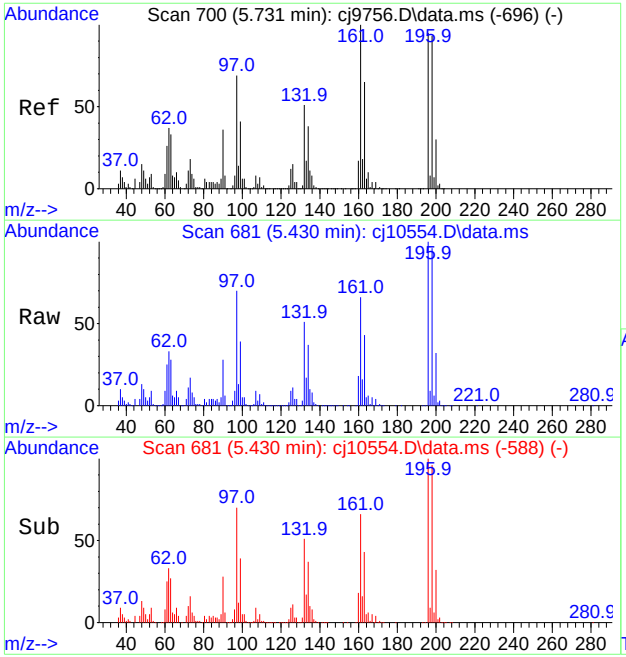


#48
1,2,4,5-tetrachlorobenzene
Concen: 41.0333 ppm
RT: 5.349 min Scan# 666
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:216 Resp: 121938

Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.6	95.4
218	48.9	38.3	57.5

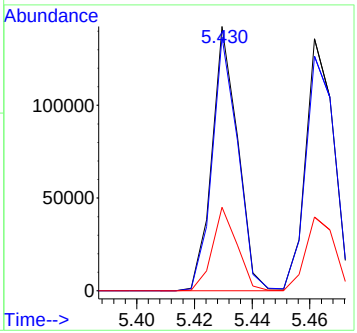


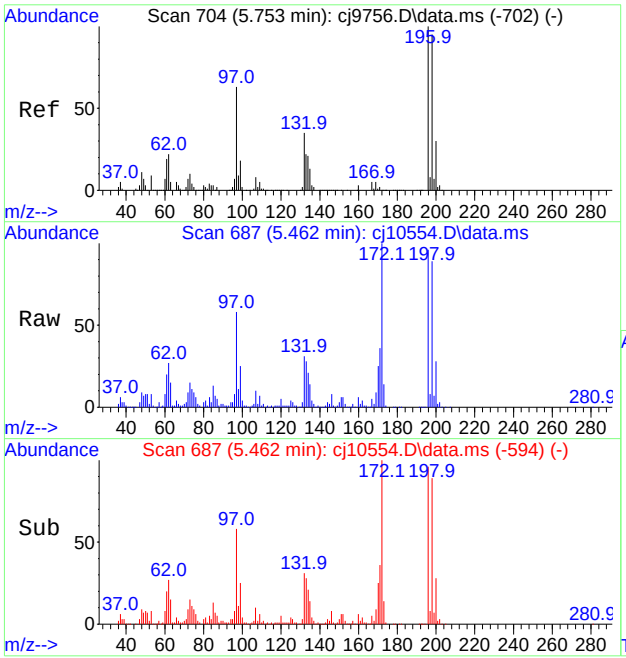


#49
2,4,6-Trichlorophenol
Concen: 42.5188 ppm
RT: 5.430 min Scan# 681
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:196 Resp: 89000

Ion	Ratio	Lower	Upper
196	100		
198	95.9	64.3	124.3
200	31.7	0.0	59.2

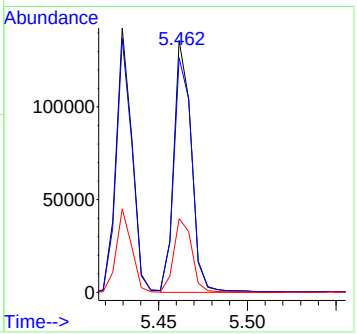




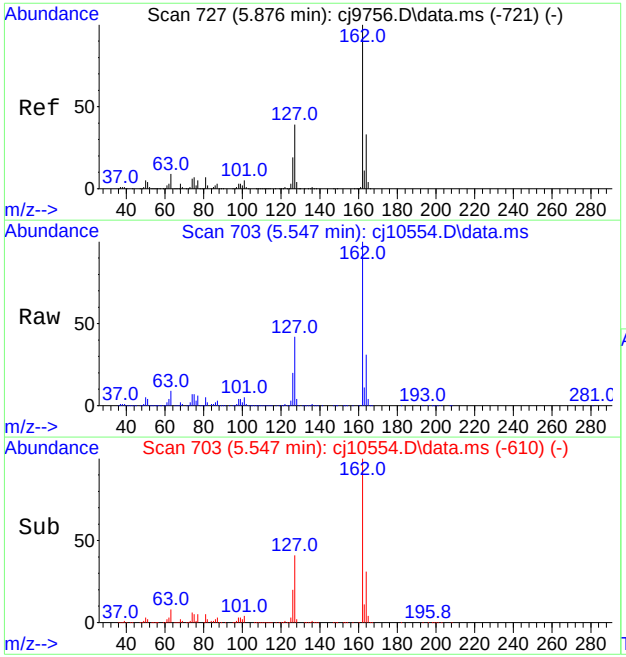
#50
2,4,5-Trichlorophenol
Concen: 44.9180 ppm
RT: 5.462 min Scan# 687
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:196 Resp: 93739

Ion	Ratio	Lower	Upper
196	100		
198	93.1	65.4	125.4
200	29.3	0.0	59.9



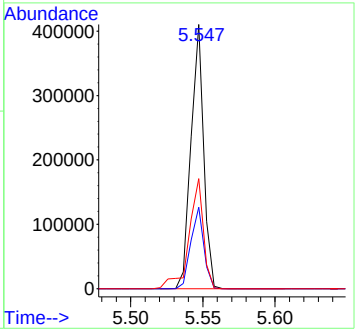
7.3.3

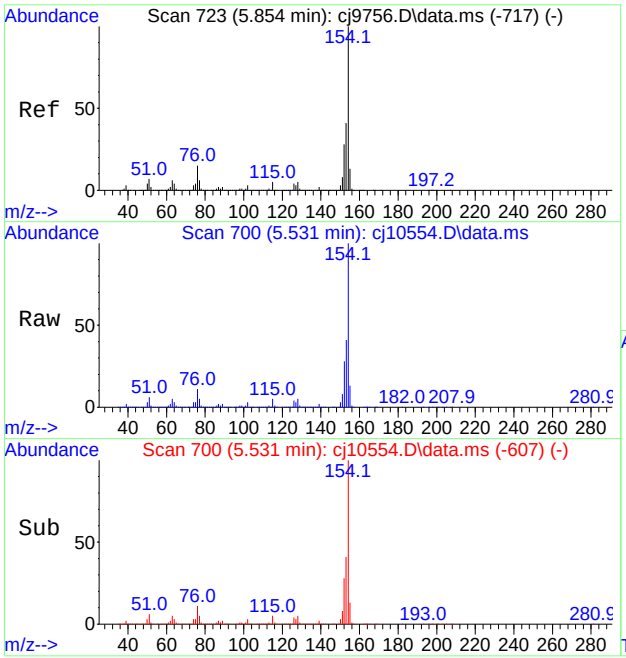


#52
2-Chloronaphthalene
Concen: 38.6986 ppm
RT: 5.547 min Scan# 703
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:162 Resp: 251301

Ion	Ratio	Lower	Upper
162	100		
164	30.9	2.3	62.3
127	41.4	14.6	74.6

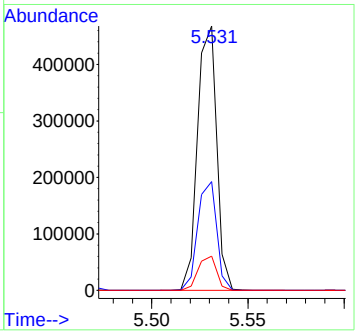


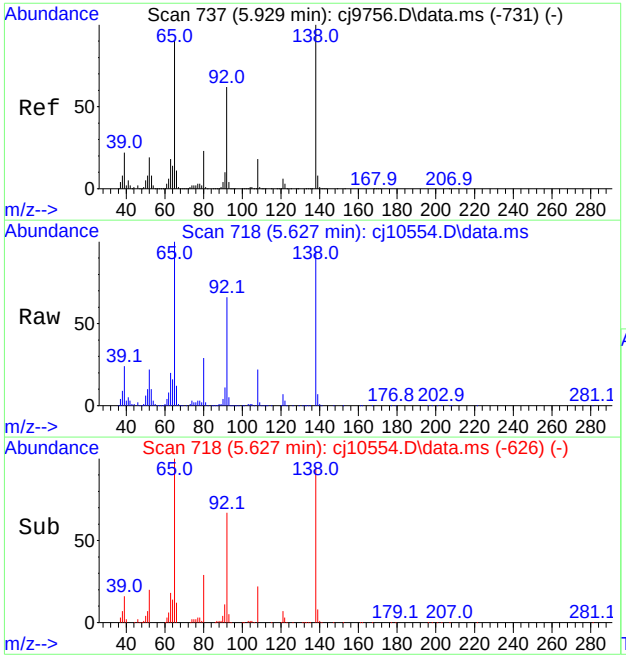


#53
Biphenyl
Concen: 38.2304 ppm
RT: 5.531 min Scan# 700
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:154 Resp: 325633

Ion	Ratio	Lower	Upper
154	100		
153	41.2	11.1	71.1
155	12.9	0.0	42.7

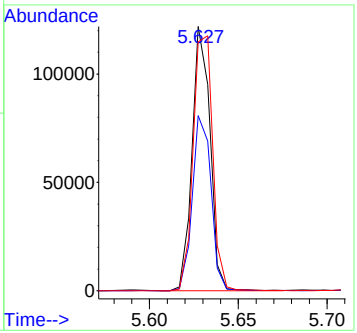


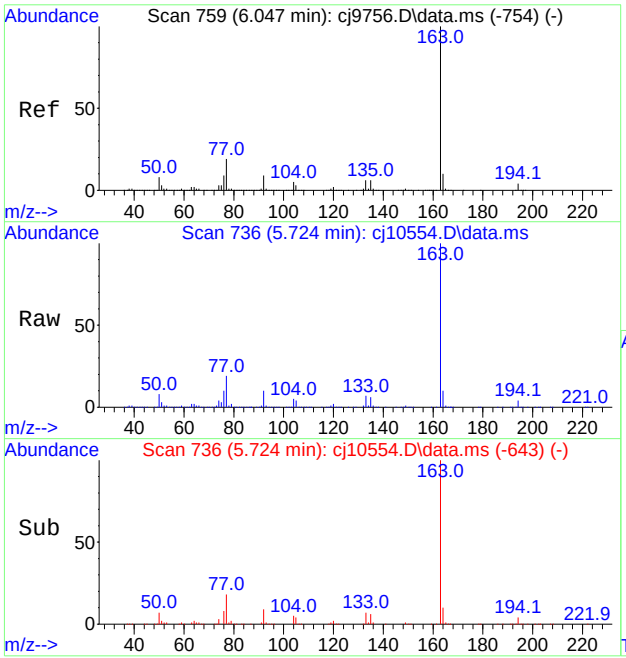


#54
2-Nitroaniline
Concen: 43.7695 ppm
RT: 5.627 min Scan# 718
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 65 Resp: 85552

Ion	Ratio	Lower	Upper
65	100		
92	66.2	39.4	99.4
138	94.2	81.7	141.7

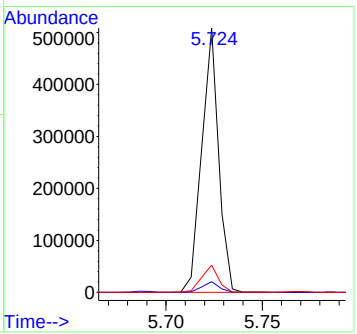


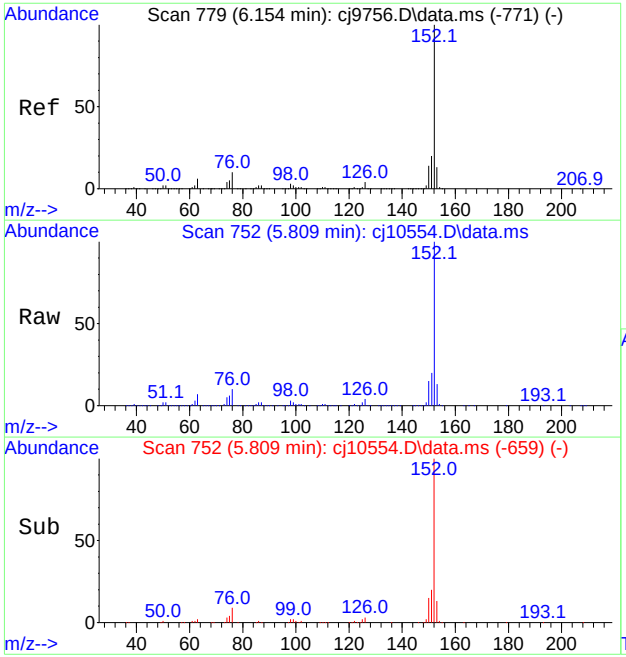


#55
Dimethylphthalate
Concen: 41.0459 ppm
RT: 5.724 min Scan# 736
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:163 Resp: 311834

Ion	Ratio	Lower	Upper
163	100		
194	4.0	0.0	33.8
164	10.3	0.0	40.3

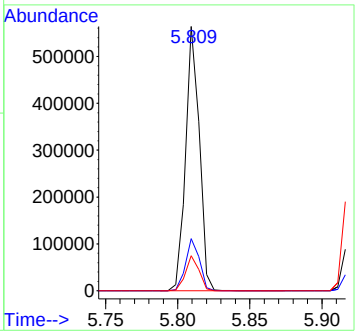


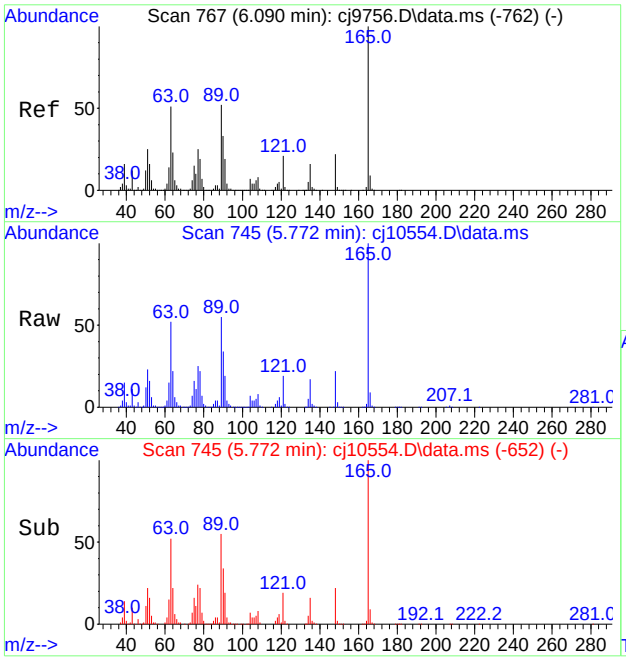


#56
Acenaphthylene
Concen: 39.6279 ppm
RT: 5.809 min Scan# 752
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:152 Resp: 372771

Ion	Ratio	Lower	Upper
152	100		
151	19.7	0.0	50.6
153	13.3	0.0	43.6

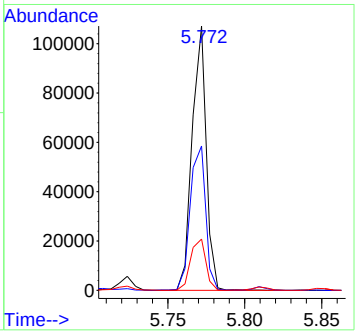


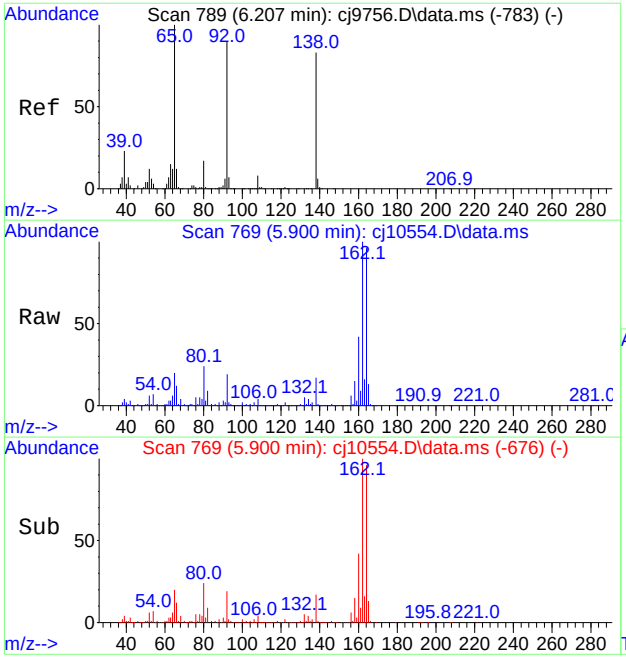


#57
2,6-Dinitrotoluene
Concen: 46.2252 ppm
RT: 5.772 min Scan# 745
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:165 Resp: 68556

Ion	Ratio	Lower	Upper
165	100		
89	54.6	29.3	89.3
121	19.4	0.0	52.4

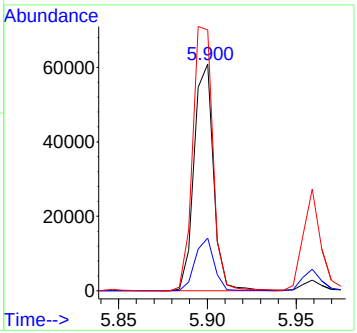


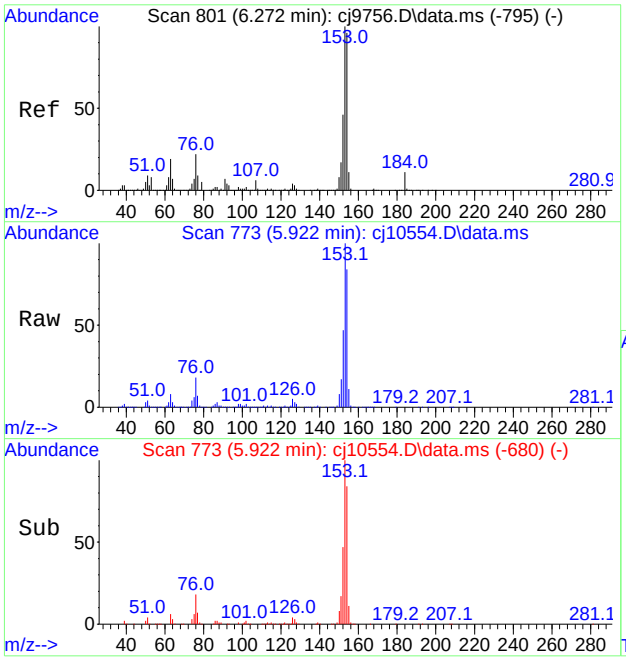


#58
3-Nitroaniline
Concen: 25.7021 ppm
RT: 5.900 min Scan# 769
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:138 Resp: 46439

Ion	Ratio	Lower	Upper
138	100		
108	23.3	0.0	47.1
92	115.1	89.1	149.1

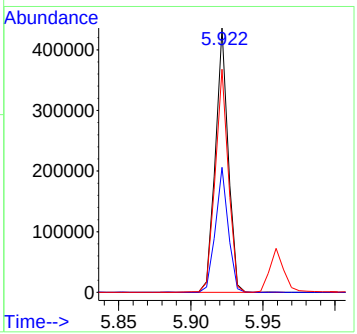


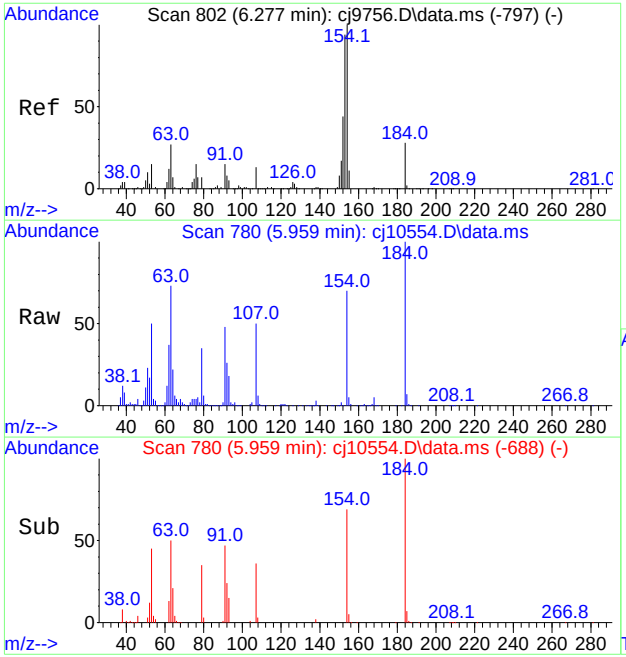


#59
Acenaphthene
Concen: 39.2746 ppm
RT: 5.922 min Scan# 773
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:153 Resp: 267801

Ion	Ratio	Lower	Upper
153	100		
152	47.2	17.2	77.2
154	80.1	49.3	109.3

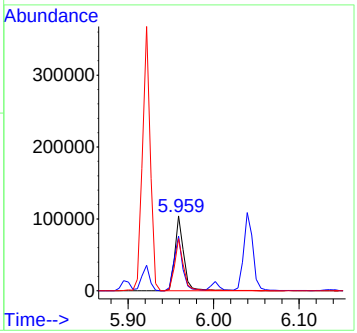


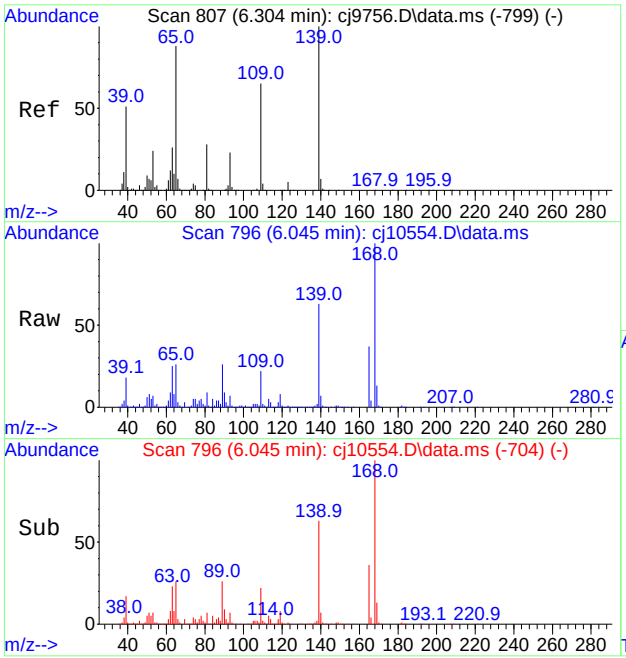


#60
2,4-Dinitrophenol
Concen: 90.8578 ppm
RT: 5.959 min Scan# 780
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:184 Resp: 75878

Ion	Ratio	Lower	Upper
184	100		
63	72.9	29.1	89.1
154	69.6	36.3	96.3

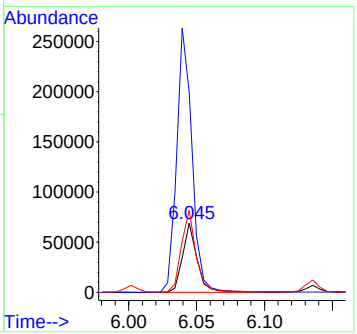


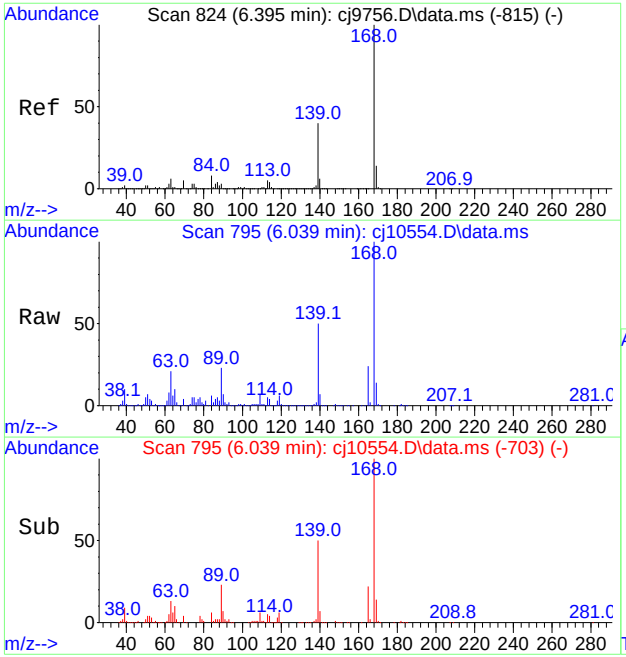


#61
4-Nitrophenol
Concen: 50.7097 ppm
RT: 6.045 min Scan# 796
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:109 Resp: 52581

Ion	Ratio	Lower	Upper
109	100		
139	288.5	150.5	210.5#
65	118.2	80.9	140.9

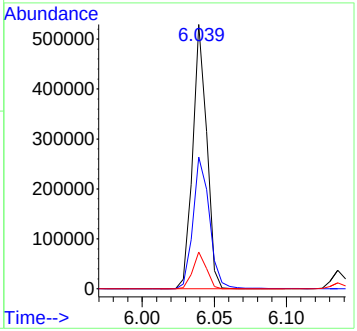


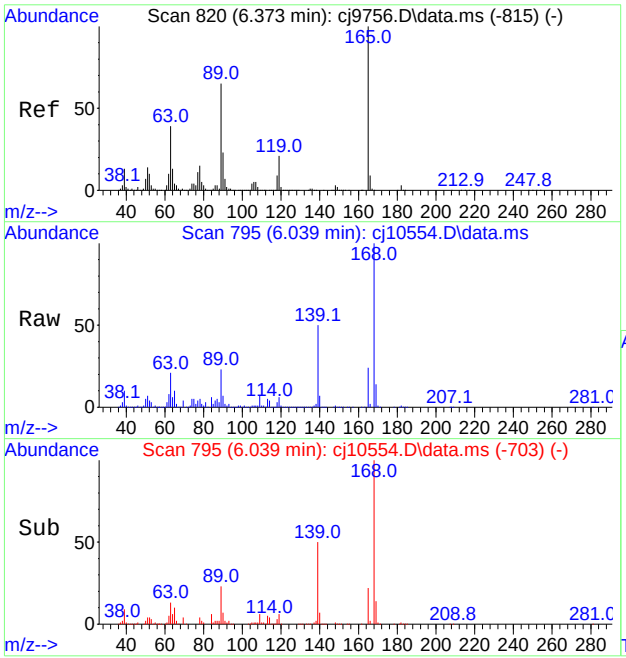


#62
Dibenzofuran
Concen: 39.0482 ppm
RT: 6.039 min Scan# 795
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:168 Resp: 357526

Ion	Ratio	Lower	Upper
168	100		
139	49.7	21.8	81.8
169	13.9	0.0	42.4

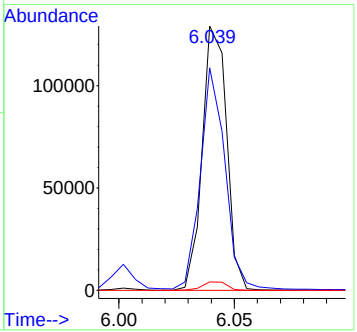


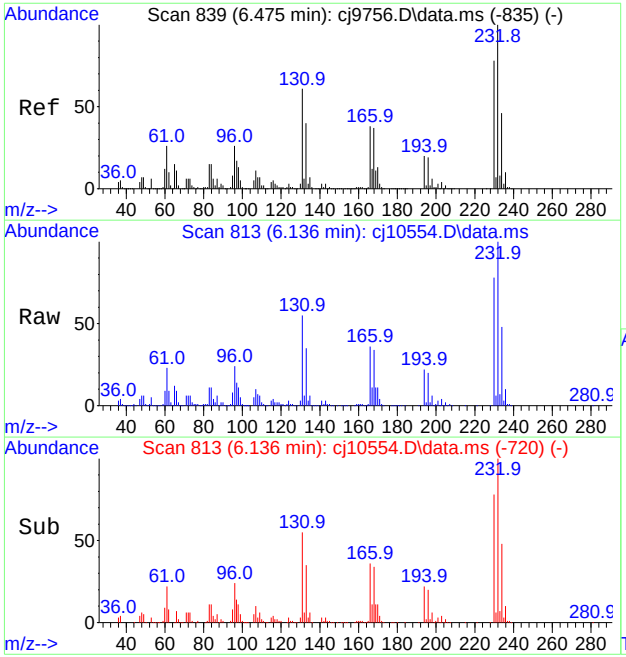


#63
2,4-Dinitrotoluene
Concen: 46.0249 ppm
RT: 6.039 min Scan# 795
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:165 Resp: 94894

Ion	Ratio	Lower	Upper
165	100		
63	83.6	36.6	96.6
182	3.2	0.0	33.0

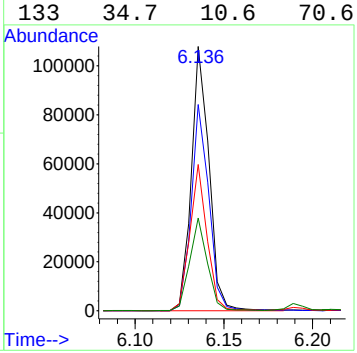


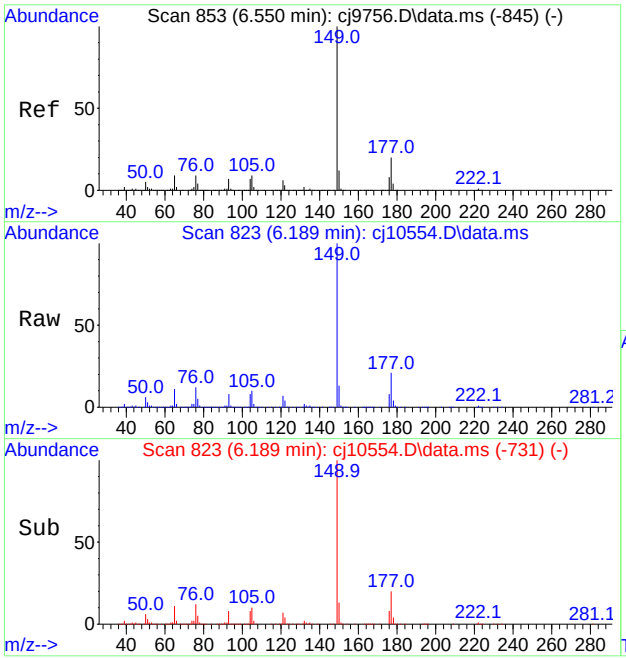


#64
2,3,4,6-Tetrachlorophenol
Concen: 44.8947 ppm
RT: 6.136 min Scan# 813
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:232 Resp: 74898

Ion	Ratio	Lower	Upper
232	100		
230	77.9	49.8	109.8
131	55.2	33.5	93.5
133	34.7	10.6	70.6

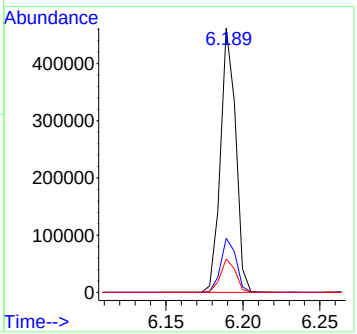


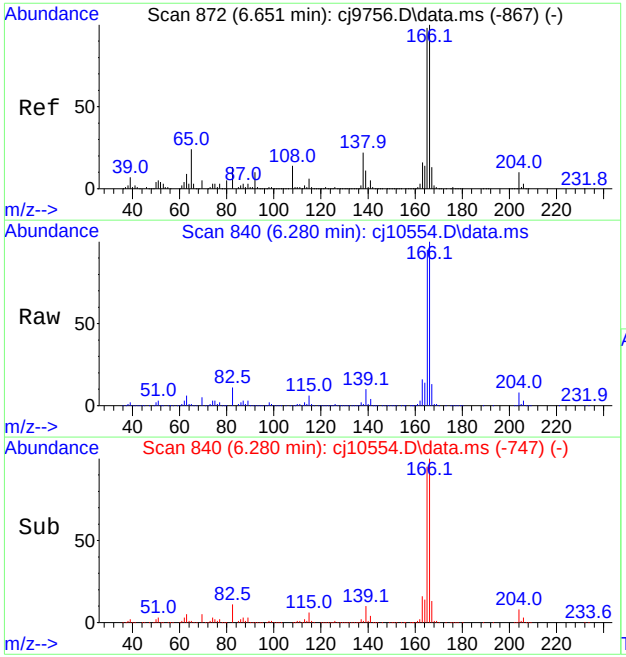


#65
Diethylphthalate
Concen: 40.4909 ppm
RT: 6.189 min Scan# 823
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:149 Resp: 318907

Ion	Ratio	Lower	Upper
149	100		
177	20.5	0.0	50.4
150	12.6	0.0	42.1

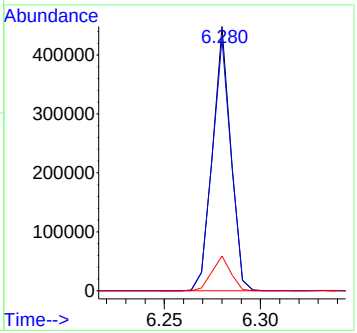


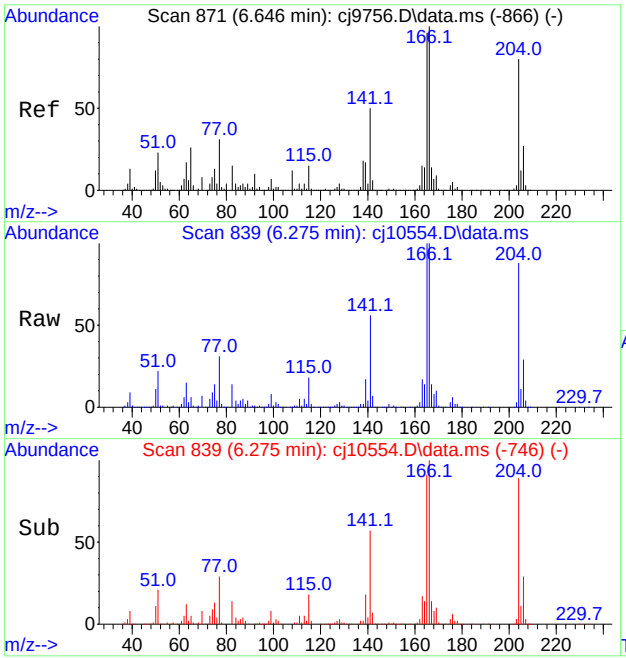


#66
Fluorene
Concen: 40.5472 ppm
RT: 6.280 min Scan# 840
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:166 Resp: 296726

Ion	Ratio	Lower	Upper
166	100		
165	95.3	70.0	130.0
167	13.2	0.0	44.0

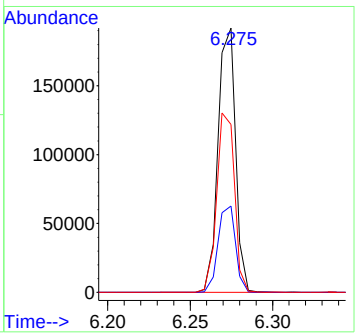


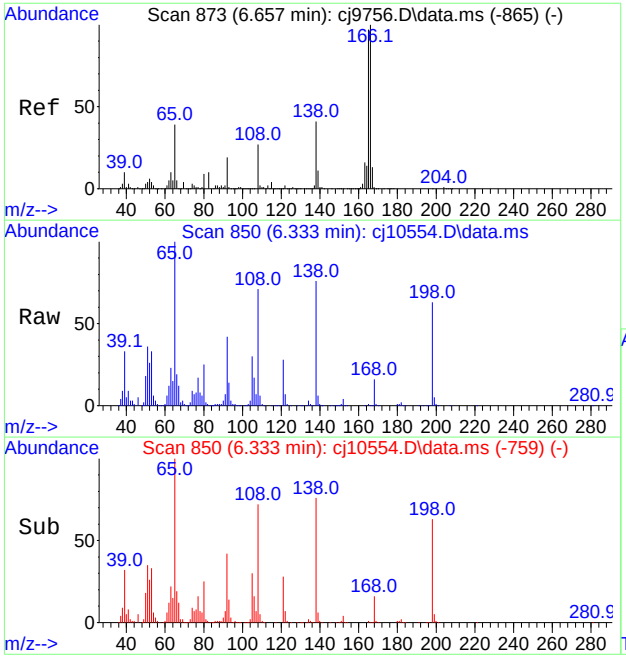


#67
4-Chlorophenyl-phenylether
Concen: 43.1976 ppm
RT: 6.275 min Scan# 839
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:204 Resp: 141785

Ion	Ratio	Lower	Upper
204	100		
206	32.7	3.2	63.2
141	63.5	38.1	98.1

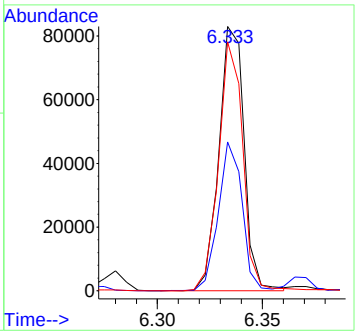


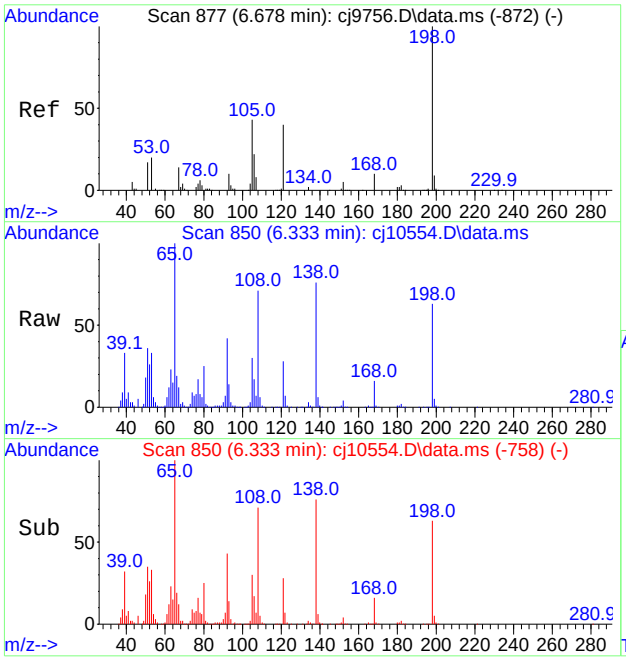


#68
4-Nitroaniline
Concen: 36.7738 ppm
RT: 6.333 min Scan# 850
Delta R.T. -0.011 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:138 Resp: 69505

Ion	Ratio	Lower	Upper
138	100		
92	55.8	18.8	78.8
108	94.3	57.9	117.9

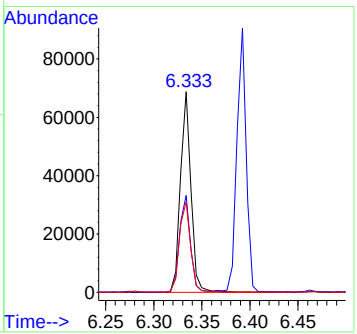


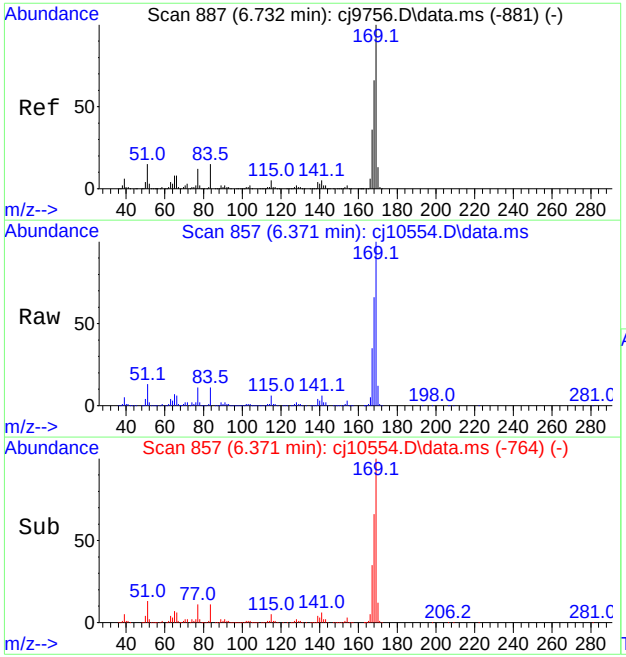


#70
4,6-Dinitro-2-methylphenol
Concen: 46.1279 ppm
RT: 6.333 min Scan# 850
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:198 Resp: 52380

Ion	Ratio	Lower	Upper
198	100		
105	48.1	15.4	75.4
121	45.1	15.6	75.6

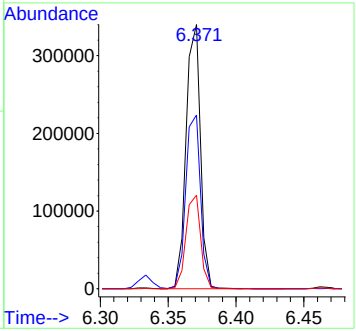


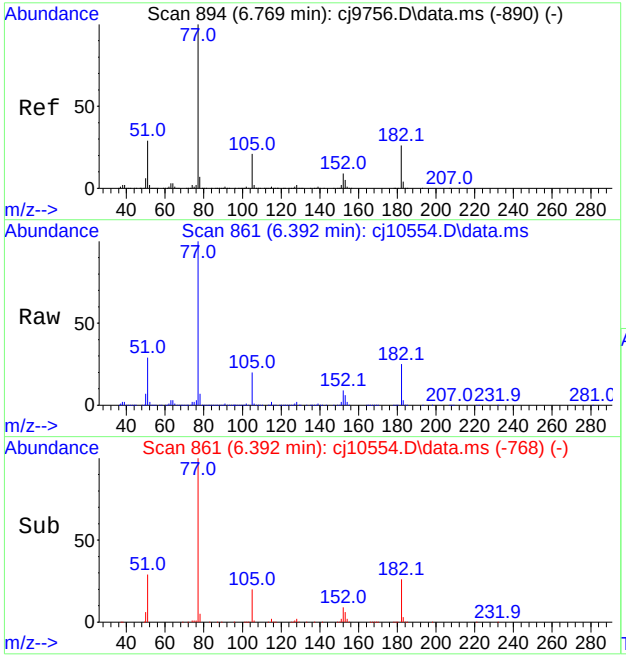


#71
n-Nitrosodiphenylamine
Concen: 40.0615 ppm
RT: 6.371 min Scan# 857
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:169 Resp: 250468

Ion	Ratio	Lower	Upper
169	100		
168	65.5	38.6	98.6
167	35.4	7.2	67.2

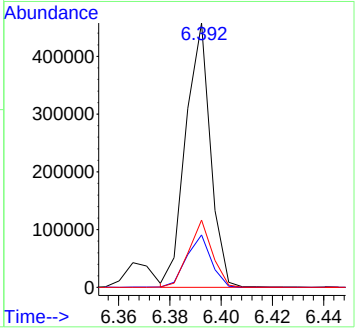


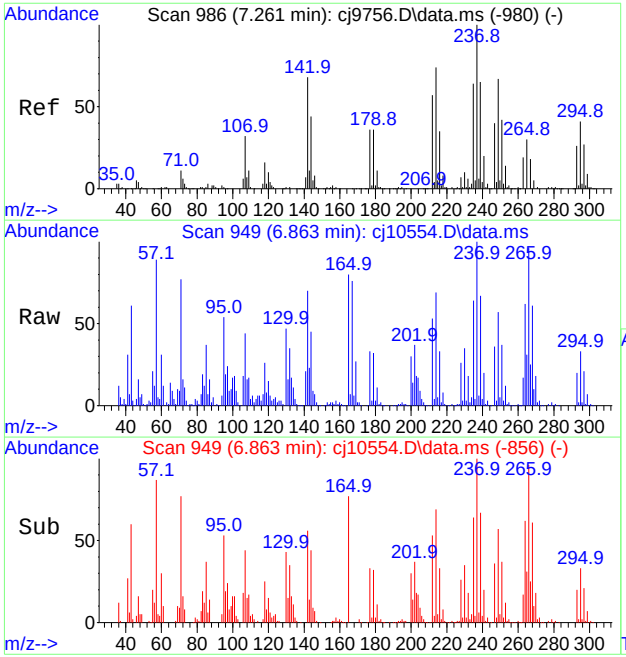


#72
1,2-Diphenylhydrazine
Concen: 40.5469 ppm
RT: 6.392 min Scan# 861
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 77 Resp: 309022

Ion	Ratio	Lower	Upper
77	100		
105	19.8	0.0	49.4
182	25.6	0.0	52.0

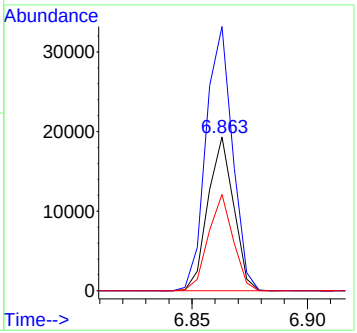


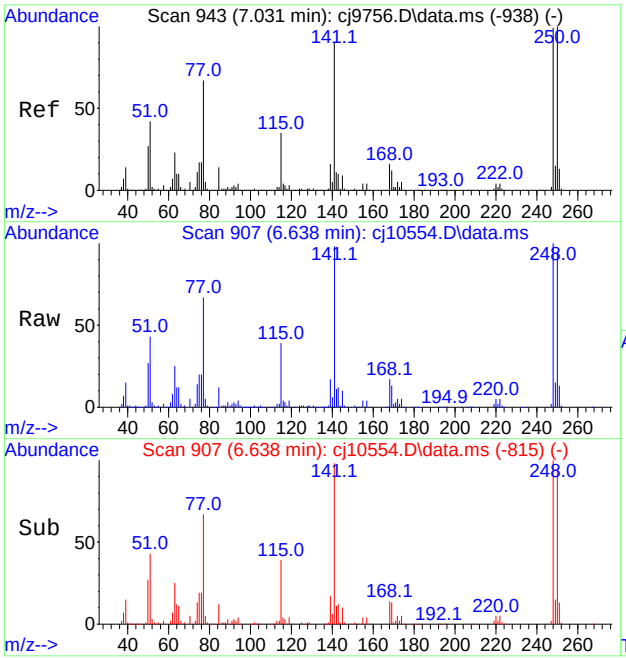


#73
pentachloronitrobenzene
Concen: 48.0804 ppm
RT: 6.863 min Scan# 949
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:295 Resp: 14934

Ion	Ratio	Lower	Upper
295	100		
249	177.7	140.9	211.3
297	60.7	50.8	76.2

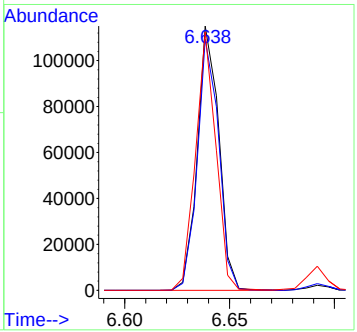


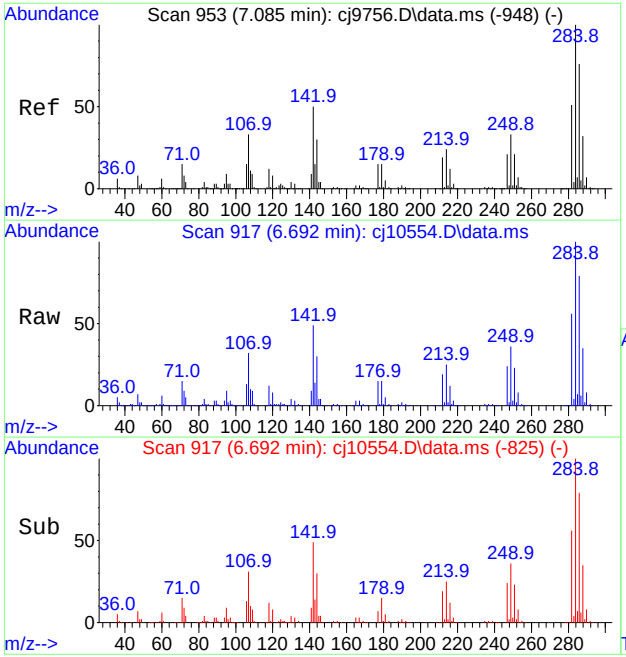


#75
4-Bromophenyl-phenylether
Concen: 45.1173 ppm
RT: 6.638 min Scan# 907
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:248 Resp: 82174

Ion	Ratio	Lower	Upper
248	100		
250	95.0	67.5	127.5
141	97.4	52.3	112.3

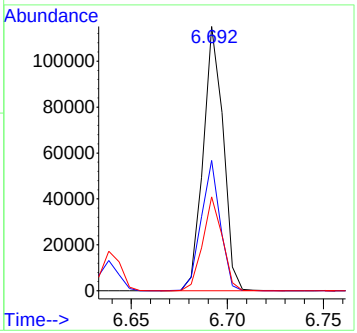


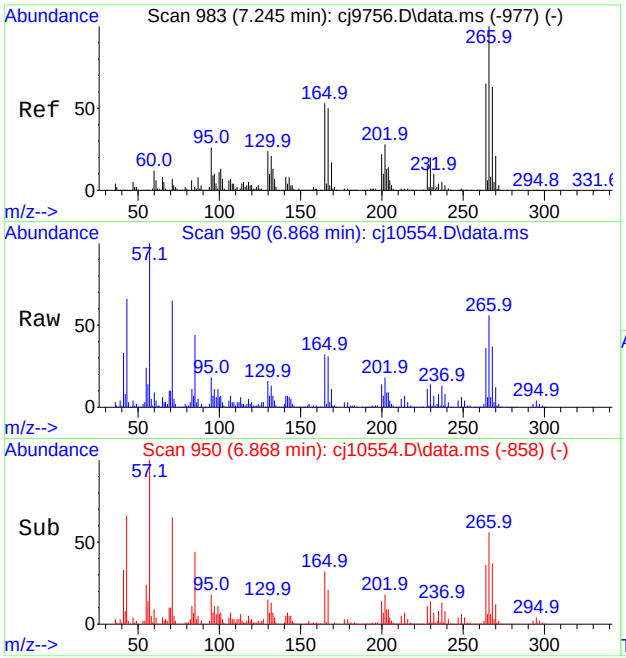


#76
Hexachlorobenzene
Concen: 42.8552 ppm
RT: 6.692 min Scan# 917
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:284 Resp: 83396

Ion	Ratio	Lower	Upper
284	100		
142	49.3	6.9	66.9
249	35.5	2.7	62.7

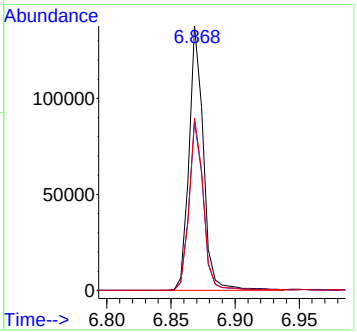


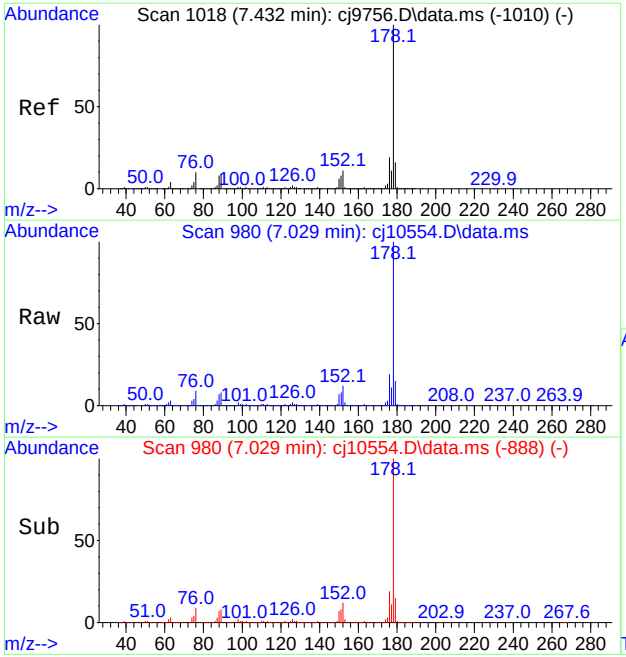


#77
Pentachlorophenol
Concen: 83.7355 ppm
RT: 6.868 min Scan# 950
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:266 Resp: 107626

Ion	Ratio	Lower	Upper
266	100		
264	63.8	36.3	96.3
268	65.1	35.6	95.6

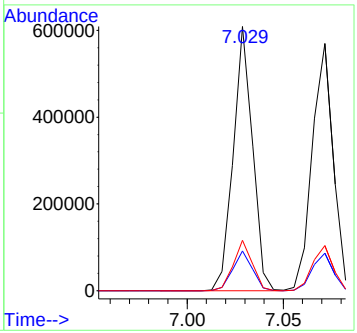


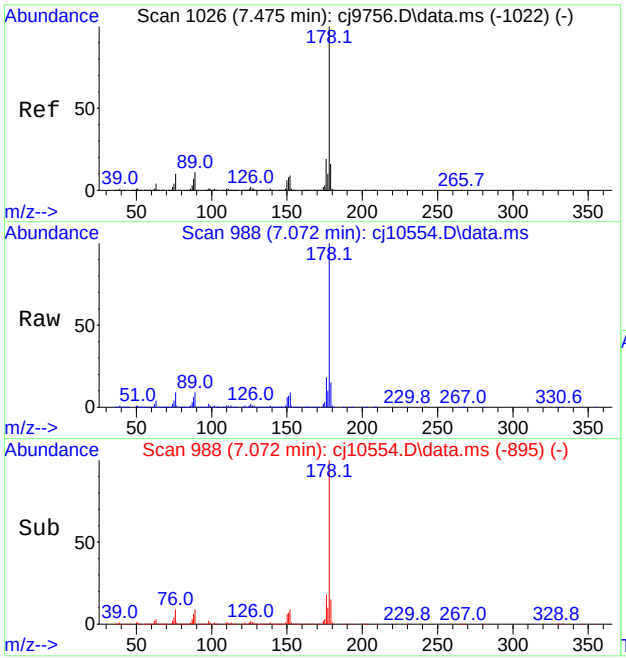


#78
Phenanthrene
Concen: 39.2255 ppm
RT: 7.029 min Scan# 980
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:178 Resp: 424935

Ion	Ratio	Lower	Upper
178	100		
179	15.0	0.0	45.5
176	19.1	0.0	49.9

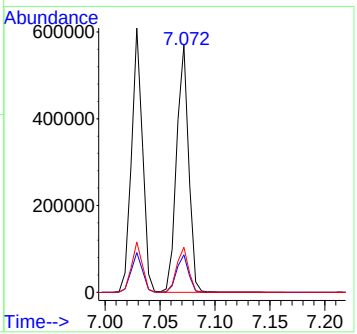


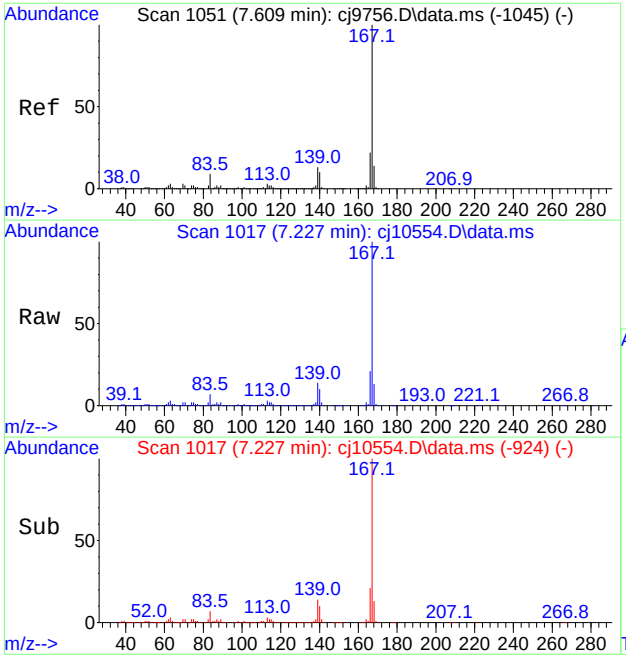


#79
Anthracene
Concen: 40.1907 ppm
RT: 7.072 min Scan# 988
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:178 Resp: 434463

Ion	Ratio	Lower	Upper
178	100		
179	15.2	0.0	45.8
176	18.3	0.0	48.7

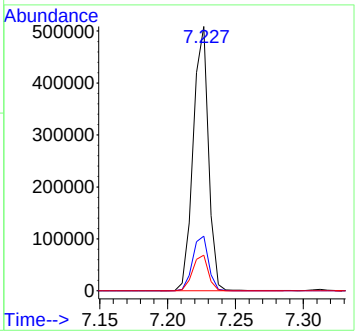


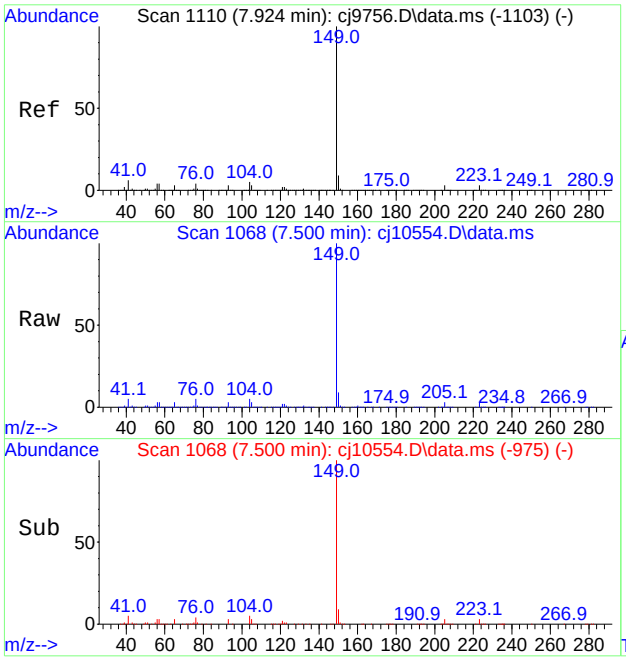


#80
Carbazole
Concen: 37.7861 ppm
RT: 7.227 min Scan# 1017
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:167 Resp: 397229

Ion	Ratio	Lower	Upper
167	100		
166	20.7	0.0	51.8
139	13.5	0.0	44.2

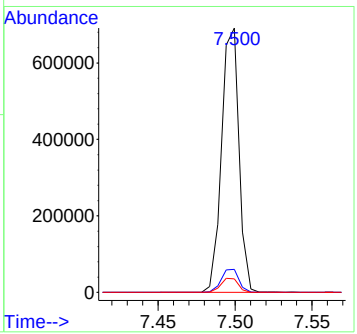


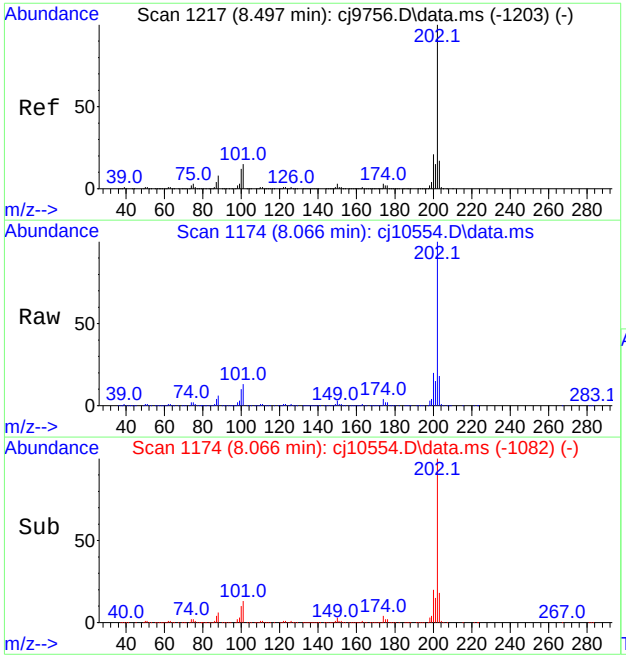


#81
Di-n-butylphthalate
Concen: 41.7472 ppm
RT: 7.500 min Scan# 1068
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:149 Resp: 545657

Ion	Ratio	Lower	Upper
149	100		
150	8.7	0.0	39.1
104	5.1	0.0	35.0

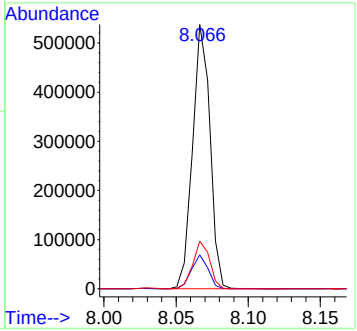


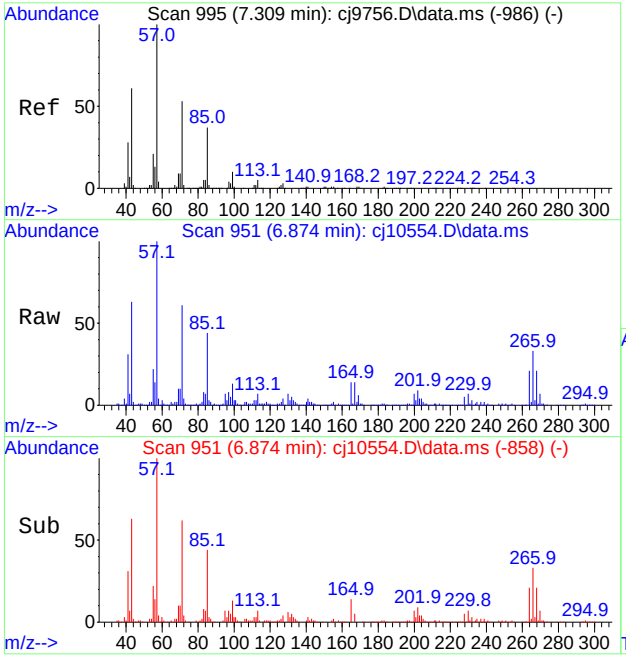


#82
Fluoranthene
Concen: 40.1727 ppm
RT: 8.066 min Scan# 1174
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:202 Resp: 450123

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	41.2
203	18.0	0.0	46.8

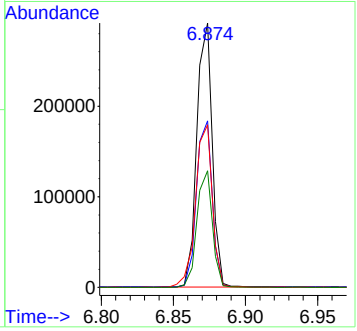


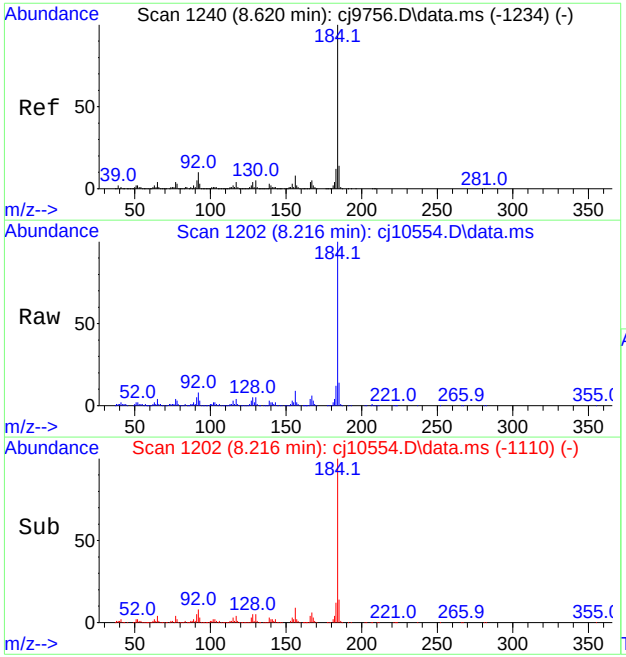


#83
Octadecane
Concen: 35.5780 ppm
RT: 6.874 min Scan# 951
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 57 Resp: 215361

Ion	Ratio	Lower	Upper
57	100		
43	62.8	32.3	92.3
71	61.4	34.9	94.9
85	44.1	15.7	75.7

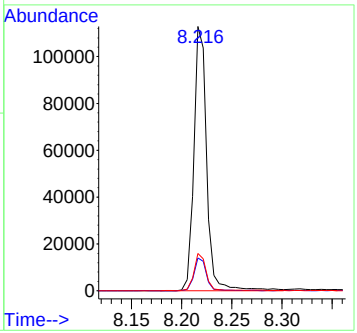


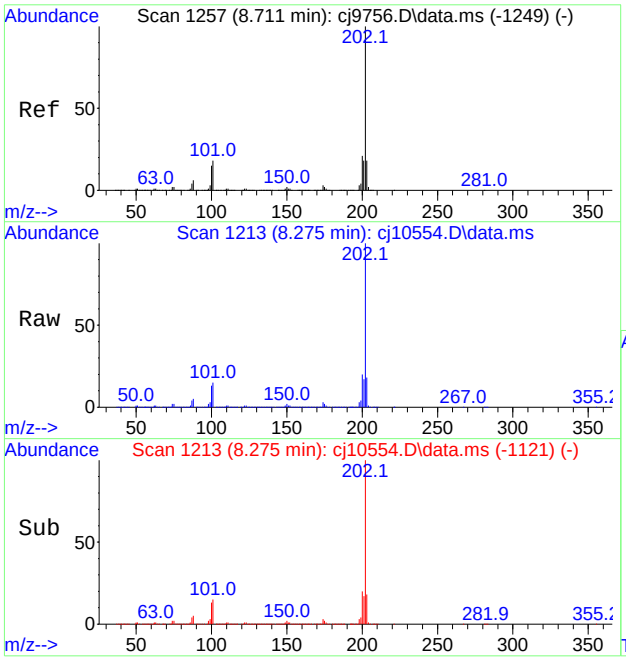


#85
benzidine
Concen: 15.1301 ppm
RT: 8.216 min Scan# 1202
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:184 Resp: 101049

Ion	Ratio	Lower	Upper
184	100		
183	12.1	9.6	14.4
185	13.6	11.3	16.9

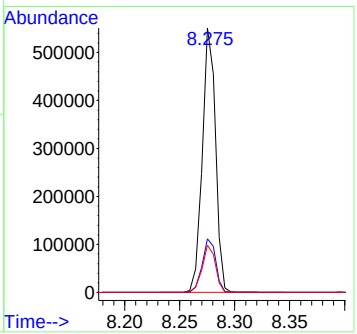


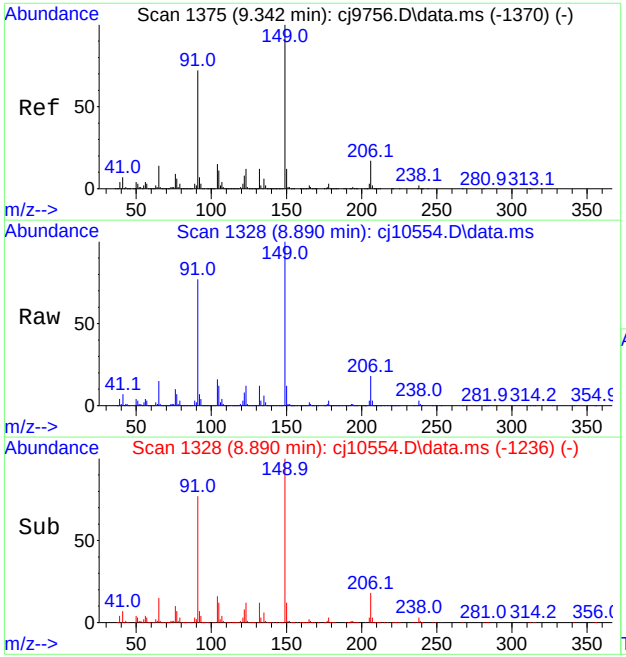


#86
Pyrene
Concen: 39.7418 ppm
RT: 8.275 min Scan# 1213
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:202 Resp: 460994

Ion	Ratio	Lower	Upper
202	100		
200	20.3	0.0	50.8
203	17.8	0.0	47.0

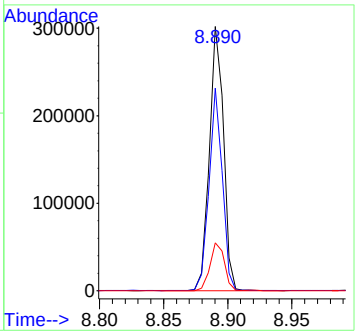


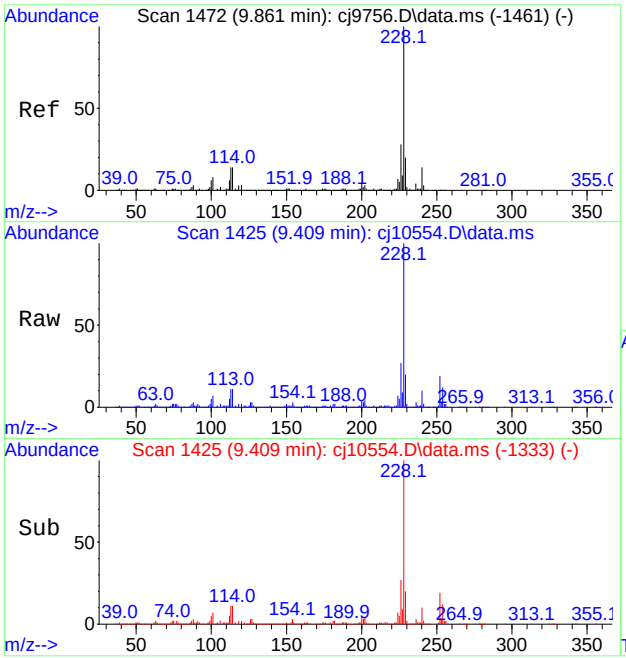


#88
Butylbenzylphthalate
Concen: 42.7407 ppm
RT: 8.890 min Scan# 1328
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:149 Resp: 230906

Ion	Ratio	Lower	Upper
149	100		
91	76.6	39.2	99.2
206	18.2	0.0	49.0

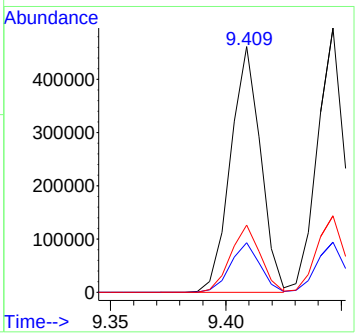


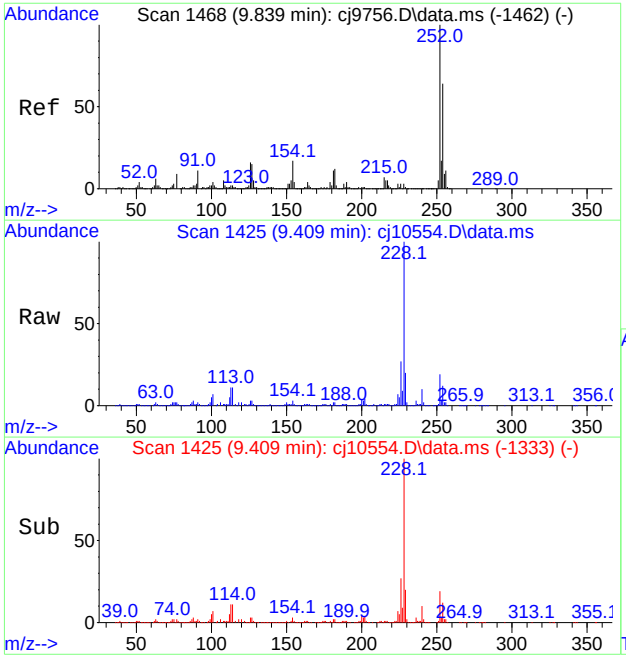


#89
Benzo[a]anthracene
Concen: 39.2535 ppm
RT: 9.409 min Scan# 1425
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:228 Resp: 417637

Ion	Ratio	Lower	Upper
228	100		
229	20.1	0.0	48.6
226	27.4	0.0	57.2

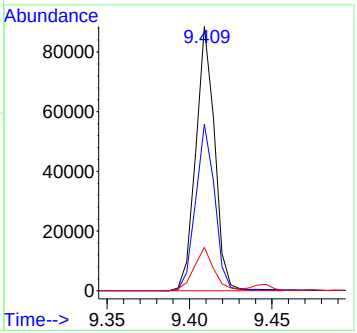


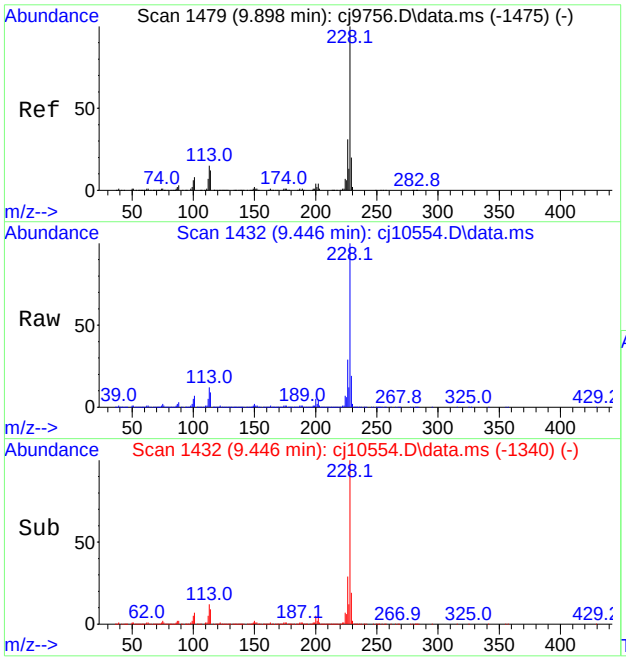


#90
3,3'-Dichlorobenzidine
Concen: 18.6769 ppm
RT: 9.409 min Scan# 1425
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:252 Resp: 70983

Ion	Ratio	Lower	Upper
252	100		
254	63.0	35.9	95.9
126	16.3	0.0	45.0

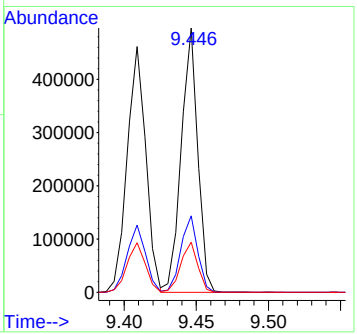


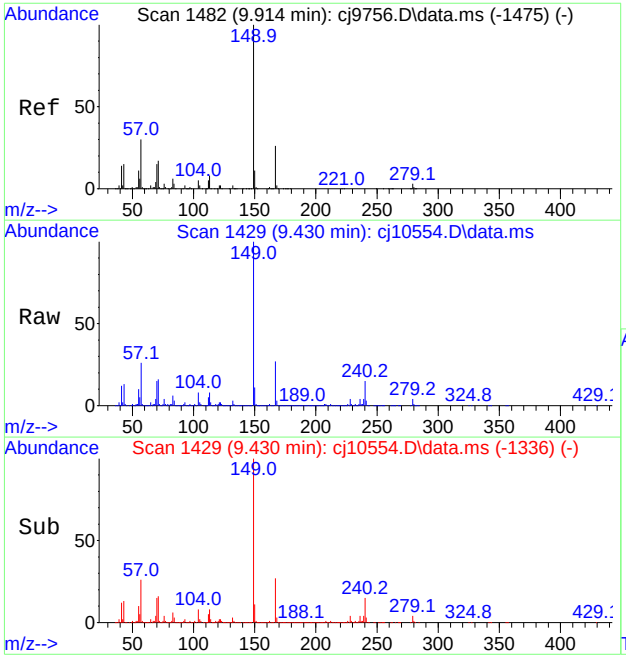


#91
Chrysene
Concen: 39.8232 ppm
RT: 9.446 min Scan# 1432
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:228 Resp: 396798

Ion	Ratio	Lower	Upper
228	100		
226	28.9	0.0	59.6
229	18.9	0.0	49.1

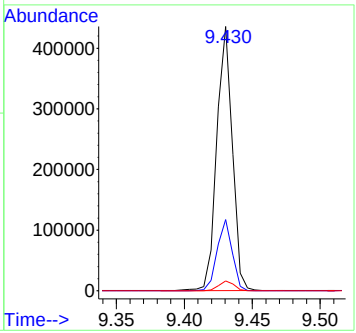


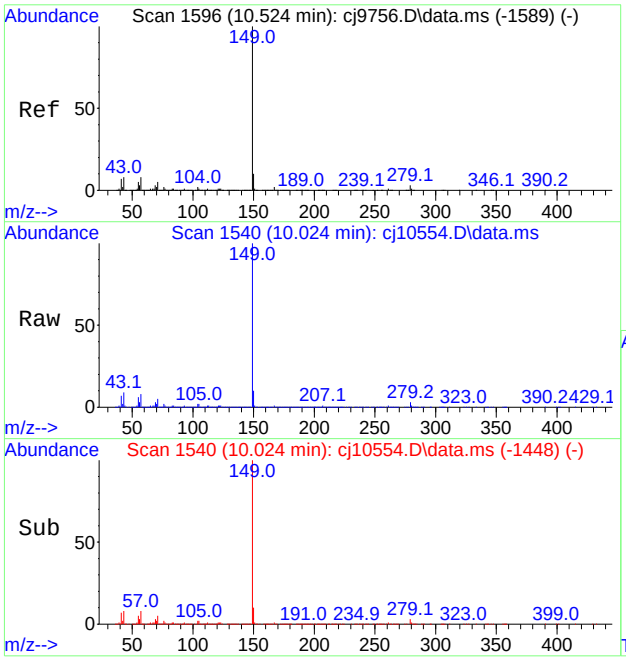


#92
bis(2-Ethylhexyl)phthalate
Concen: 42.6661 ppm
RT: 9.430 min Scan# 1429
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:149 Resp: 345828

Ion	Ratio	Lower	Upper
149	100		
167	27.0	0.0	55.1
279	3.7	0.0	33.1

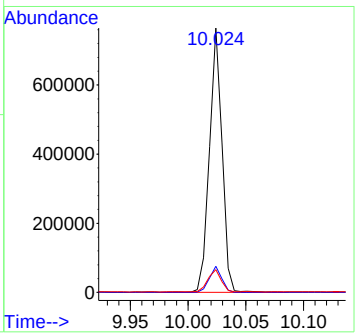


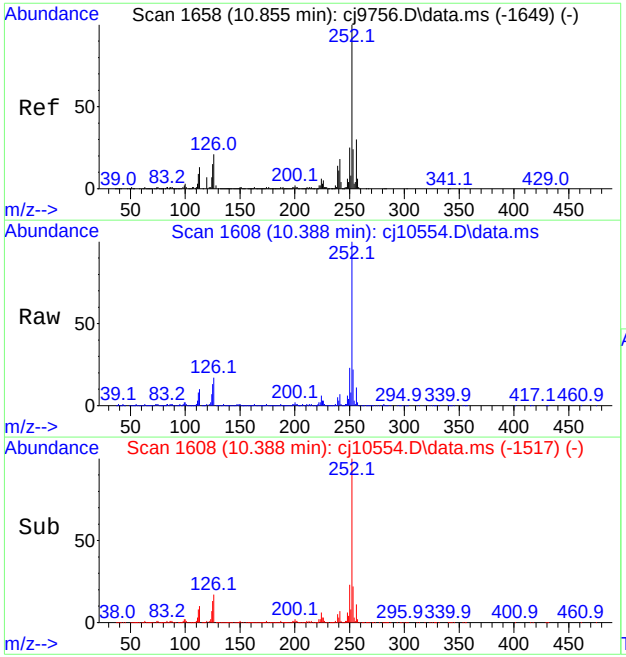


#94
Di-n-octylphthalate
Concen: 44.3580 ppm
RT: 10.024 min Scan# 1540
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:149 Resp: 581241

Ion	Ratio	Lower	Upper
149	100		
150	9.8	0.0	39.8
43	8.4	0.0	37.8

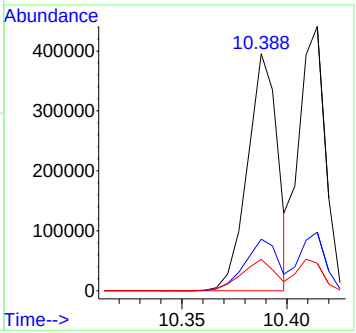


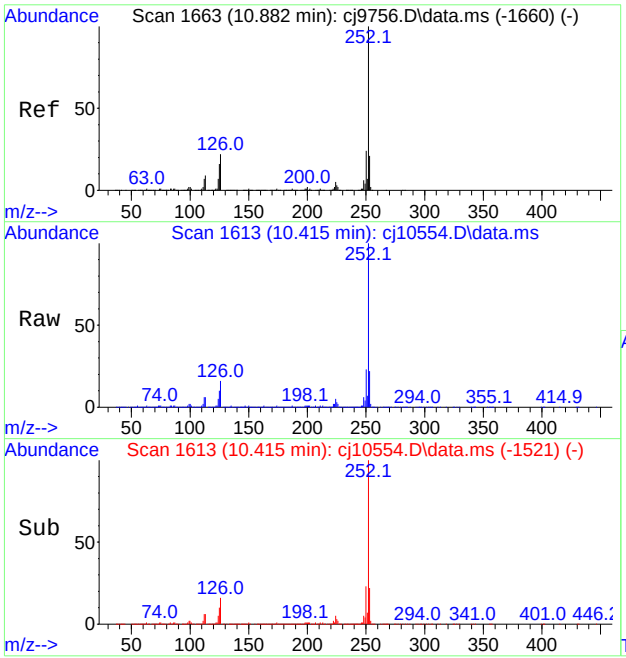


#95
Benzo[b]fluoranthene
Concen: 40.7611 ppm
RT: 10.388 min Scan# 1608
Delta R.T. -0.011 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:252 Resp: 396971

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	51.8
125	13.6	0.0	39.5

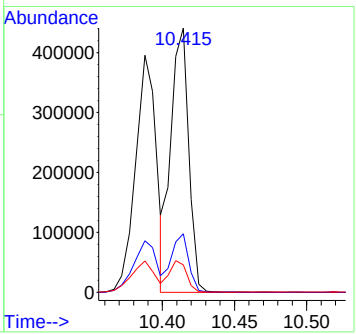


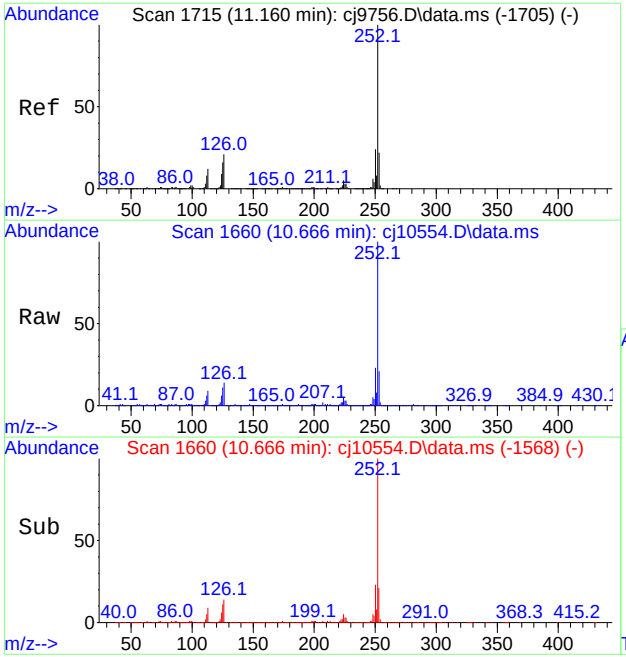


#96
Benzo[k]fluoranthene
Concen: 43.5956 ppm
RT: 10.415 min Scan# 1613
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:252 Resp: 379729

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	52.1
125	10.2	0.0	40.6

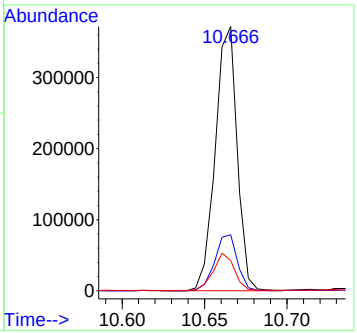


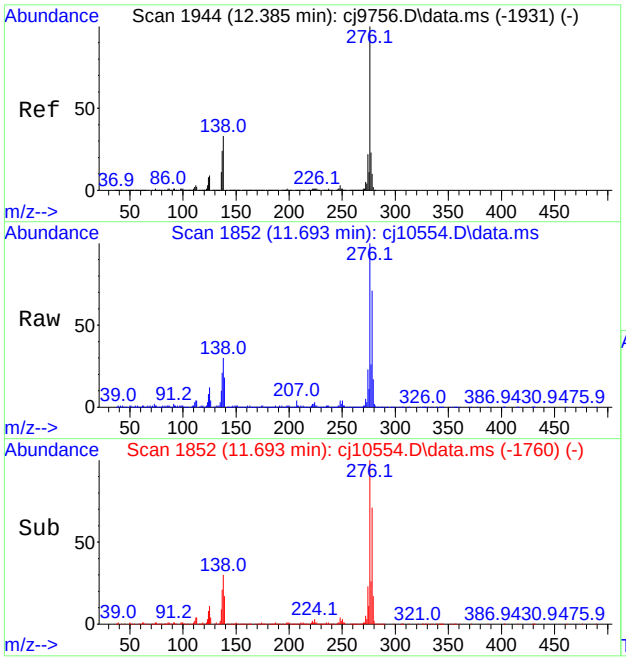


#97
Benzo[a]pyrene
Concen: 43.0261 ppm
RT: 10.666 min Scan# 1660
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:252 Resp: 343780

Ion	Ratio	Lower	Upper
252	100		
253	21.1	0.0	50.9
125	11.3	0.0	41.7

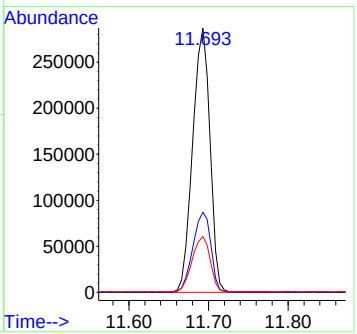


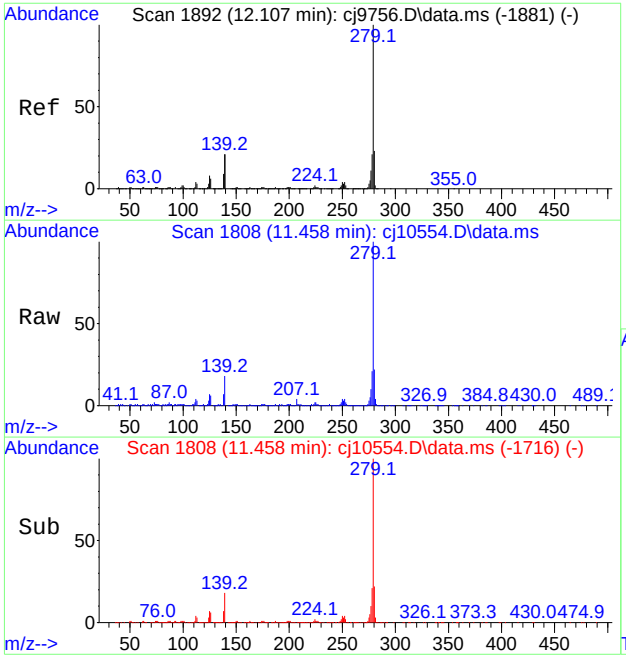


#98
Indeno[1,2,3-cd]pyrene
Concen: 43.3683 ppm
RT: 11.693 min Scan# 1852
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:276 Resp: 433968

Ion	Ratio	Lower	Upper
276	100		
138	30.2	0.9	60.9
137	20.8	0.0	51.0

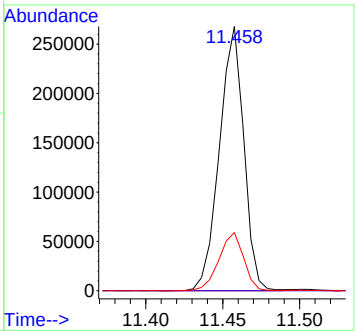


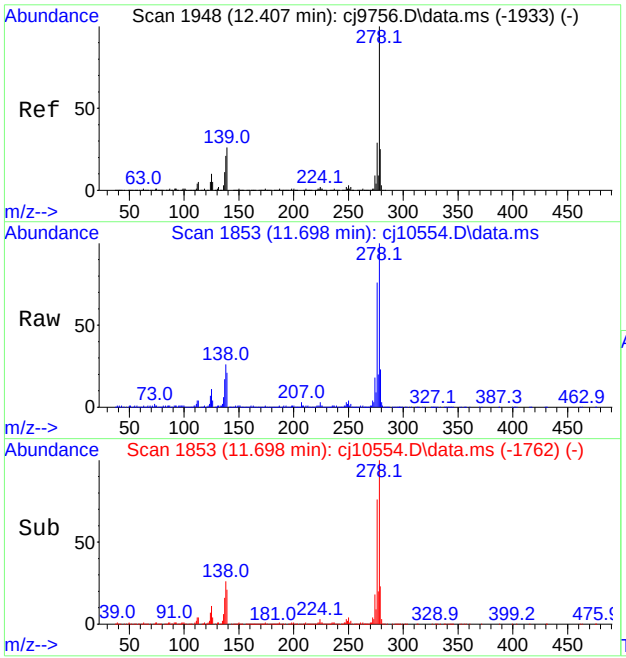


#99
Dibenz(a,h)acridine
Concen: 43.6756 ppm
RT: 11.458 min Scan# 1808
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:279 Resp: 294352

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.0	0.0	51.9

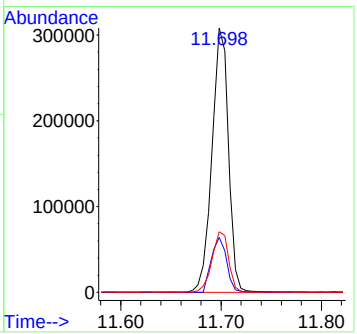


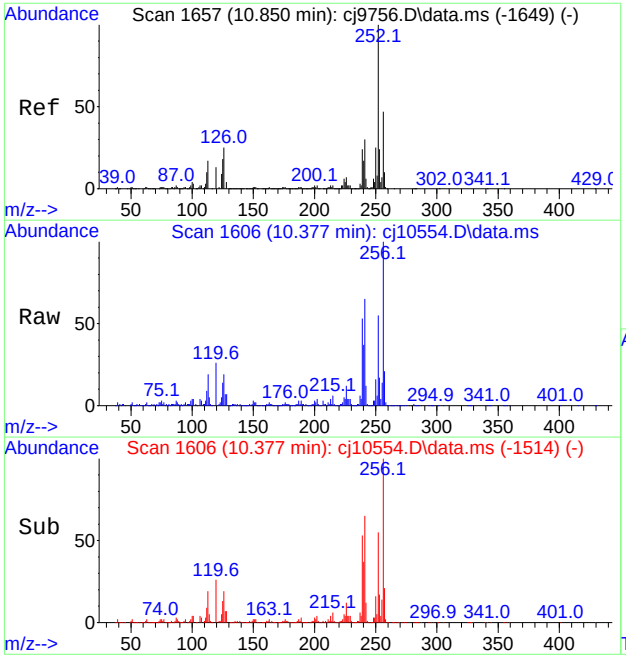


#100
Dibenz[a,h]anthracene
Concen: 43.9488 ppm
RT: 11.698 min Scan# 1853
Delta R.T. -0.011 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:278 Resp: 350365

Ion	Ratio	Lower	Upper
278	100		
139	20.7	0.0	48.3
279	22.9	0.0	53.3

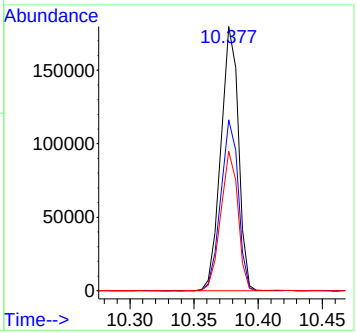


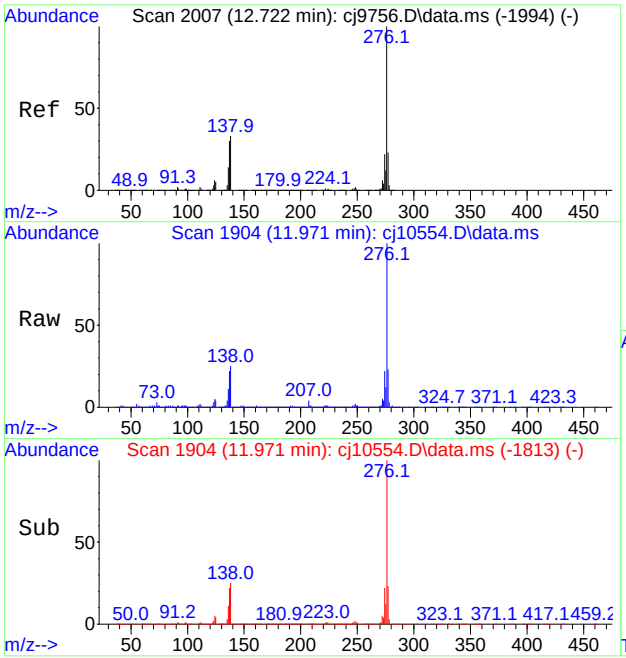


#101
7,12-Dimethylbenz(a)anthracene
Concen: 52.4849 ppm
RT: 10.377 min Scan# 1606
Delta R.T. -0.005 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:256 Resp: 172223

Ion	Ratio	Lower	Upper
256	100		
241	64.6	32.5	92.5
239	52.7	20.1	80.1

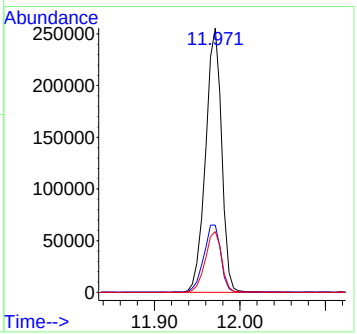


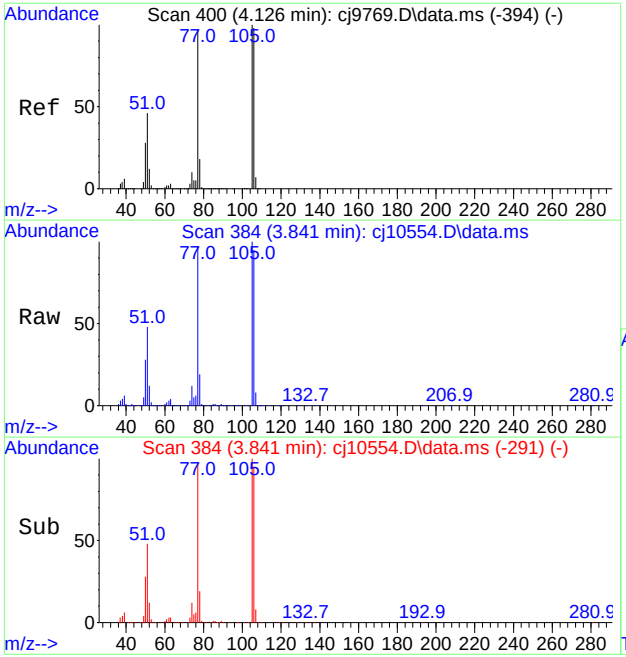


#102
Benzo[g,h,i]perylene
Concen: 42.8183 ppm
RT: 11.971 min Scan# 1904
Delta R.T. -0.011 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:276 Resp: 331920

Ion	Ratio	Lower	Upper
276	100		
138	25.3	0.0	56.8
277	22.9	0.0	53.4

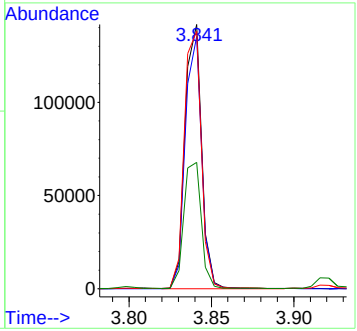


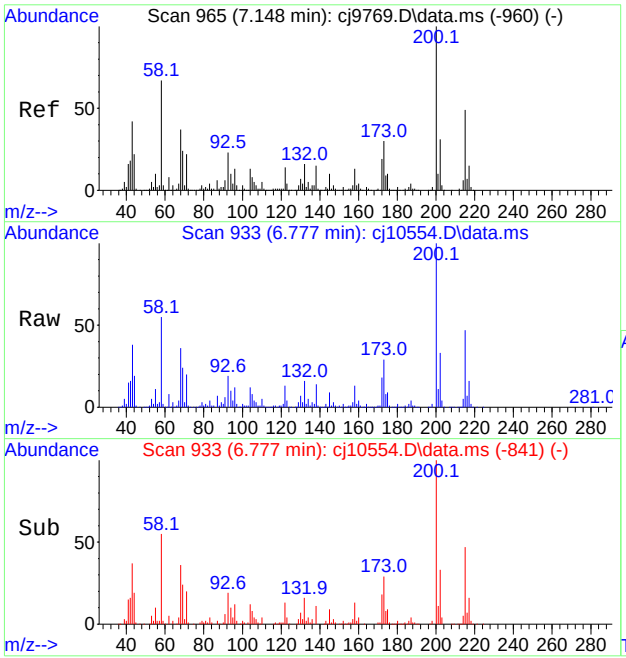


#104
Benzaldehyde
Concen: 31.5047 ppm
RT: 3.841 min Scan# 384
Delta R.T. -0.000 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:105 Resp: 100060

Ion	Ratio	Lower	Upper
105	100		
106	95.5	64.7	124.7
77	97.4	64.8	124.8
51	47.7	13.4	73.4

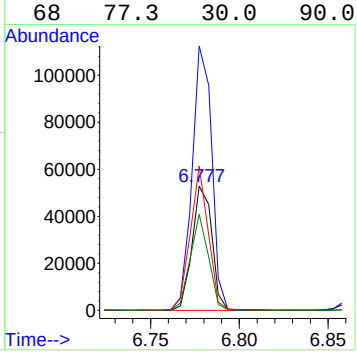


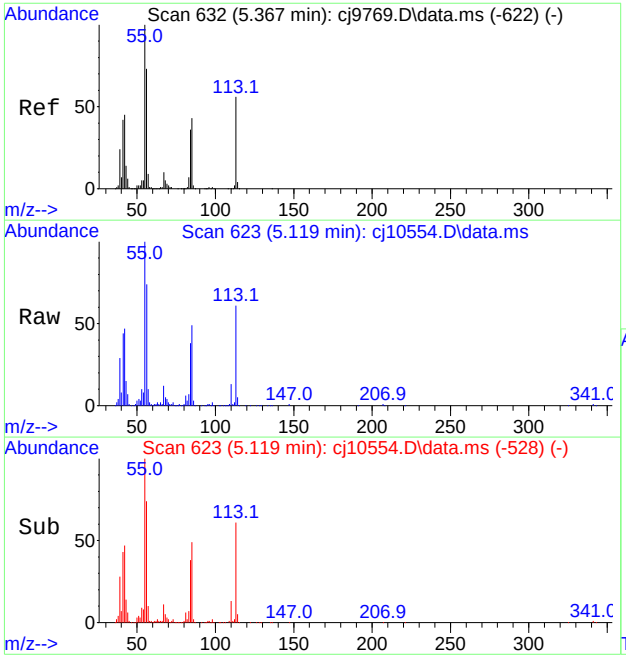


#106
Atrazine
Concen: 42.3289 ppm
RT: 6.777 min Scan# 933
Delta R.T. -0.006 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion:215 Resp: 40824

Ion	Ratio	Lower	Upper
215	100		
200	212.8	184.8	244.8
58	116.1	62.3	122.3
68	77.3	30.0	90.0

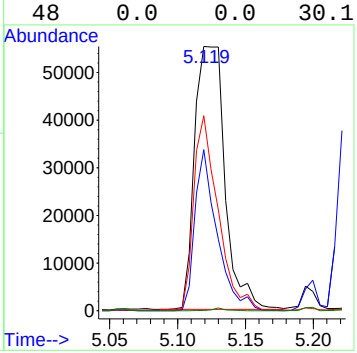




#108
Caprolactam
Concen: 49.7948 ppm
RT: 5.119 min Scan# 623
Delta R.T. 0.010 min
Lab File: cj10554.D
Acq: 27 Jan 2025 06:27 pm

Tgt Ion: 55 Resp: 85601

Ion	Ratio	Lower	Upper
55	100		
113	61.4	29.2	89.2
56	74.0	47.1	107.1
48	0.0	0.0	30.1



Manual Integrations APPROVED (compounds with "m" flag)
Ying Li
01/28/25 13:34

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10570.D
Acq On : 27 Jan 2025 11:14 pm
Operator : anthonyo
Sample : op61130-ms Inst : GCMSCJ
Misc : op61130,ecj451,16.6,,,1,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 05:19:04 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.097	152	100215	40.00	ppm	0.00
24) Naphthalene-d8	4.846	136	368713	40.00	ppm	0.00
46) Acenaphthene-d10	5.900	164	207220	40.00	ppm	0.00
69) Phenanthrene-d10	7.018	188	358789	40.00	ppm	0.01
84) Chrysene-d12	9.446	240	322314	40.00	ppm	0.03
93) Perylene-d12	10.757	264	334746	40.00	ppm	0.04
103) 1,4-Dichlorobenzene-d4a	4.097	152	100215	40.00	ppm	0.00
105) Phenanthrene-d10a	7.018	188	358789	40.00	ppm	0.01
107) Naphthalene-d8a	4.846	136	368713	40.00	ppm	0.00
109) Phenanthrene-d10b	7.018	188	358789	40.00	ppm	0.01
112) Chrysene-d12a	9.446	240	322314	40.00	ppm	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.306	112	100270	32.47	ppm	0.00
Spiked Amount 50.000			Recovery =	64.94%		
8) Phenol-d5	3.937	99	125533	32.25	ppm	0.00
Spiked Amount 50.000			Recovery =	64.50%		
25) Nitrobenzene-d5	4.440	82	118649	33.27	ppm	0.00
Spiked Amount 50.000			Recovery =	66.54%		
51) 2-Fluorobiphenyl	5.467	172	233898	34.35	ppm	0.00
Spiked Amount 50.000			Recovery =	68.70%		
74) 2,4,6-Tribromophenol	6.478	330	28856	35.87	ppm	0.01
Spiked Amount 50.000			Recovery =	71.74%		
87) Terphenyl-d14	8.435	244	262084	32.42	ppm	0.01
Spiked Amount 50.000			Recovery =	64.84%		
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) 1,4-Dioxane	1.862	88	19553	15.7045	ppm	96
3) Pyridine	2.225	79	67363	20.0290	ppm	98
4) N-Nitrosodimethylamine	2.177	74	50325	26.9819	ppm	98
6) Indene	4.253	116	174048	30.0182	ppm	98
7) Cumene	3.584	105	190872	28.2831	ppm	100
9) Phenol	3.948	94	163806	39.1238	ppm	97
10) Aniline	3.921	93	77890	14.9324	ppm	98
11) bis(2-Chloroethyl)ether	3.948	93	104642	31.5439	ppm	98
12) 2-Chlorophenol	3.990	128	111873	31.9794	ppm	96
13) Decane	3.985	43	138033	36.8073	ppm	95
14) 1,3-Dichlorobenzene	4.065	146	113439	29.6831	ppm	96
15) 1,4-Dichlorobenzene	4.108	146	115662	29.8073	ppm	99
16) Benzyl alcohol	4.210	108	71154	30.9739	ppm	98
17) 1,2-Dichlorobenzene	4.204	146	111655	30.4269	ppm	98
18) Acetophenone	4.349	105	177710	36.1978	ppm	97
19) 2-Methylphenol	4.295	108	102359	33.3265	ppm	97
20) 2,2'-oxybis(1-Chloropr...	4.263	121	34600	31.5945	ppm	93
21) 3&4-Methylphenol	4.386	108	228779	71.0947	ppm	98
22) n-Nitroso-di-n-propyla...	4.349	70	78323	32.8109	ppm	97
23) Hexachloroethane	4.402	201	39866	30.9827	ppm	97
26) Nitrobenzene	4.456	77	120069	34.4242	ppm	99
27) Quinoline	5.060	129	202212	32.1884	ppm	98
28) Isophorone	4.584	82	209063	33.8174	ppm	99
29) 2-Nitrophenol	4.638	139	59546	37.0607	ppm	95
30) 2,4-Dimethylphenol	4.675	107	124624	37.3666	ppm	98
32) bis(2-Chloroethoxy)met...	4.707	93	132345	33.1628	ppm	99

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10570.D
Acq On : 27 Jan 2025 11:14 pm
Operator : anthonyo
Sample : op61130-ms Inst : GCMSCJ
Misc : op61130,ecj451,16.6,,,1,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 05:19:04 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) 2,4-Dichlorophenol	4.787	162	96506	36.5838	ppm		96
34) 2,6-Dichlorophenol	4.910	162	94901	36.0671	ppm		97
35) 1,3,5-Trichlorobenzene	4.627	180	103205	34.2975	ppm		99
36) 1,2,4-Trichlorobenzene	4.814	180	97421	34.4132	ppm		99
37) 1,2,3-Trichlorobenzene	4.943	180	98292	34.8432	ppm		98
38) Naphthalene	4.862	128	331156	34.1812	ppm		99
39) 4-Chloroaniline	4.910	127	83943	20.9861	ppm		96
40) 2,3-Dichloroaniline	5.435	161	103675	33.9620	ppm		97
41) Hydroquinone	5.140	110	48350	24.0938	ppm		95
42) Hexachlorobutadiene	4.921	225	61798	39.6523	ppm		98
43) 4-Chloro-3-methylphenol	5.199	107	104073	37.9610	ppm	#	33
44) 2-Methylnaphthalene	5.253	141	221098	39.0027	ppm		97
45) 1-Methylnaphthalene	5.312	141	202436	37.3418	ppm		96
48) 1,2,4,5-tetrachloroben...	5.349	216	101646	36.5462	ppm		98
49) 2,4,6-Trichlorophenol	5.435	196	3781m	1.9300	ppm		
50) 2,4,5-Trichlorophenol	5.456	196	63080	32.2958	ppm		97
52) 2-Chloronaphthalene	5.547	162	199956	32.8995	ppm		98
53) Biphenyl	5.531	154	270170	33.8899	ppm		98
54) 2-Nitroaniline	5.633	65	74932	40.9603	ppm		99
55) Dimethylphthalate	5.723	163	245312	34.5000	ppm		100
56) Acenaphthylene	5.814	152	310112	35.2234	ppm		99
57) 2,6-Dinitrotoluene	5.772	165	52037	37.4886	ppm		100
58) 3-Nitroaniline	5.900	138	50666	29.9610	ppm		93
59) Acenaphthene	5.927	153	278838m	43.6923	ppm		
62) Dibenzofuran	6.044	168	297371	34.7013	ppm		84
63) 2,4-Dinitrotoluene	6.044	165	75178	38.9582	ppm		93
64) 2,3,4,6-Tetrachlorophenol	6.162	232	47272	30.2749	ppm		87
65) Diethylphthalate	6.194	149	247503	33.5759	ppm		98
66) Fluorene	6.285	166	263515	38.4737	ppm		98
67) 4-Chlorophenyl-phenyle...	6.274	204	109477	35.6374	ppm		98
68) 4-Nitroaniline	6.333	138	55541	31.3971	ppm		94
70) 4,6-Dinitro-2-methylph...	6.349	198	5233	6.4715	ppm	#	65
71) n-Nitrosodiphenylamine	6.371	169	225401	37.9508	ppm		100
72) 1,2-Diphenylhydrazine	6.392	77	262727	36.2880	ppm		96
73) pentachloronitrobenzene	6.868	295	11069	37.5138	ppm		94
75) 4-Bromophenyl-phenylether	6.643	248	63243	36.5520	ppm		95
76) Hexachlorobenzene	6.697	284	64931	35.1237	ppm		85
77) Pentachlorophenol	6.890	266	67251	55.0785	ppm		95
78) Phenanthrene	7.034	178	623804	60.6156	ppm		99
79) Anthracene	7.077	178	396571	38.6176	ppm		97
80) Carbazole	7.232	167	336664	33.7115	ppm		99
81) Di-n-butylphthalate	7.505	149	438339	35.3027	ppm		100
82) Fluoranthene	8.082	202	690023	64.8268	ppm		99
83) Octadecane	6.879	57	312000	54.2575	ppm		95
86) Pyrene	8.296	202	657042	54.5916	ppm		99
88) Butylbenzylphthalate	8.906	149	201788	35.9984	ppm		99
89) Benzo[a]anthracene	9.435	228	459267	41.6031	ppm		99
90) 3,3'-Dichlorobenzidine	9.441	252	67760	17.1832	ppm		92
91) Chrysene	9.473	228	459282	44.4250	ppm		99
92) bis(2-Ethylhexyl)phtha...	9.452	149	707089	84.0772	ppm		98
94) Di-n-octylphthalate	10.051	149	505535m	35.0519	ppm		
95) Benzo[b]fluoranthene	10.430	252	478188	44.6097	ppm		96
96) Benzo[k]fluoranthene	10.452	252	373100	38.9169	ppm		97
97) Benzo[a]pyrene	10.708	252	377160	42.8865	ppm		97
98) Indeno[1,2,3-cd]pyrene	11.746	276	432374	39.2570	ppm		92
99) Dibenz(a,h)acridine	11.511	279	261218	35.2143	ppm		99
100) Dibenz[a,h]anthracene	11.751	278	324569	36.9894	ppm		99
101) 7,12-Dimethylbenz(a)an...	10.420	256	146826	40.6527	ppm		97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10570.D
Acq On : 27 Jan 2025 11:14 pm
Operator : anthonyo
Sample : op61130-ms Inst : GCMSCJ
Misc : op61130,ecj451,16.6,,,1,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 05:19:04 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) Benzo[g,h,i]perylene	12.030	276	333224	39.0549	ppm	98
104) Benzaldehyde	3.841	105	107574	37.0921	ppm	94
106) Atrazine	6.788	215	33858	36.9550	ppm	90
108) Caprolactam	5.108	55	40146m	25.6252	ppm	

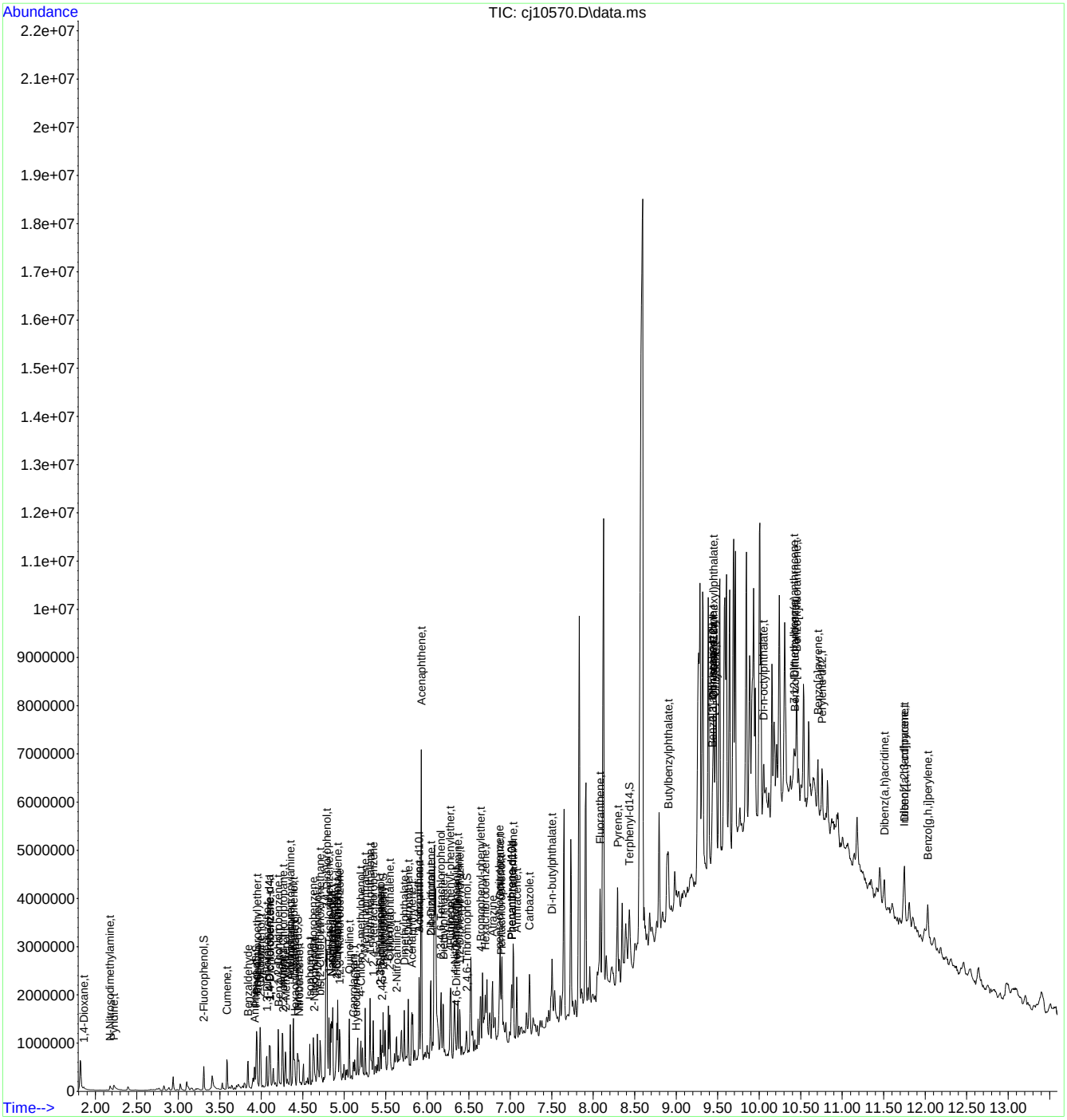
(#) = qualifier out of range (m) = manual integration (+) = signals summed

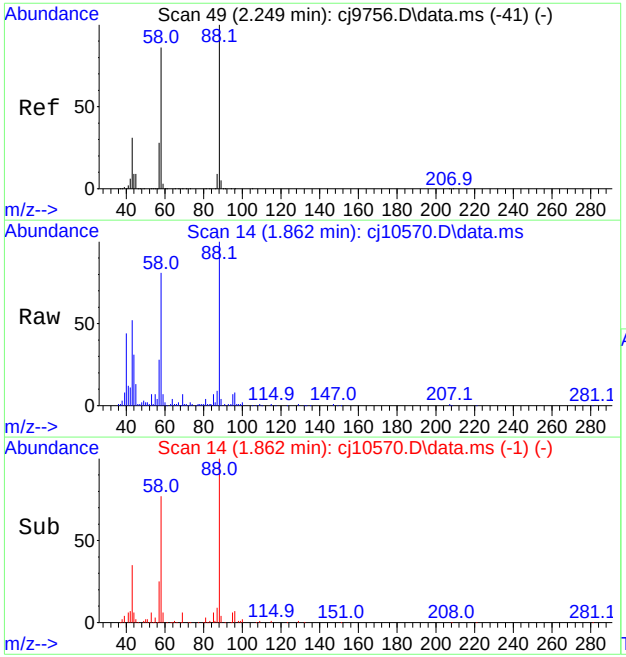
7.4.1
7

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10570.D
Acq On : 27 Jan 2025 11:14 pm
Operator : anthonyo
Sample : op61130-ms Inst : GCMSCJ
Misc : op61130,ecj451,16.6,,,1,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 05:19:04 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

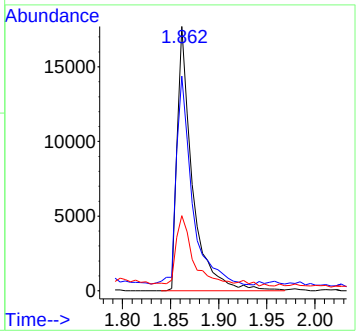


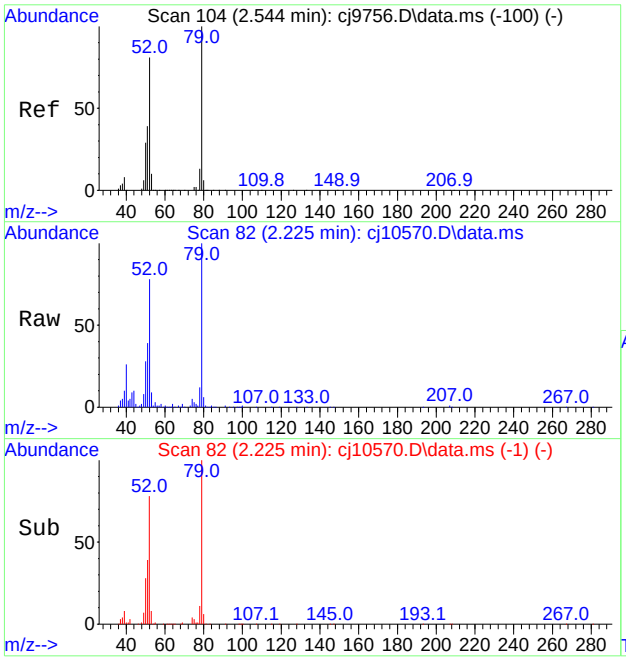


#2
1,4-Dioxane
Concen: 15.7045 ppm
RT: 1.862 min Scan# 14
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 88 Resp: 19553

Ion	Ratio	Lower	Upper
88	100		
58	78.2	43.9	103.9
57	26.0	0.0	55.2

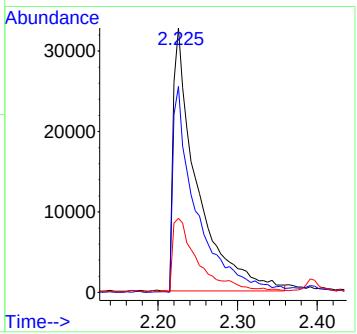


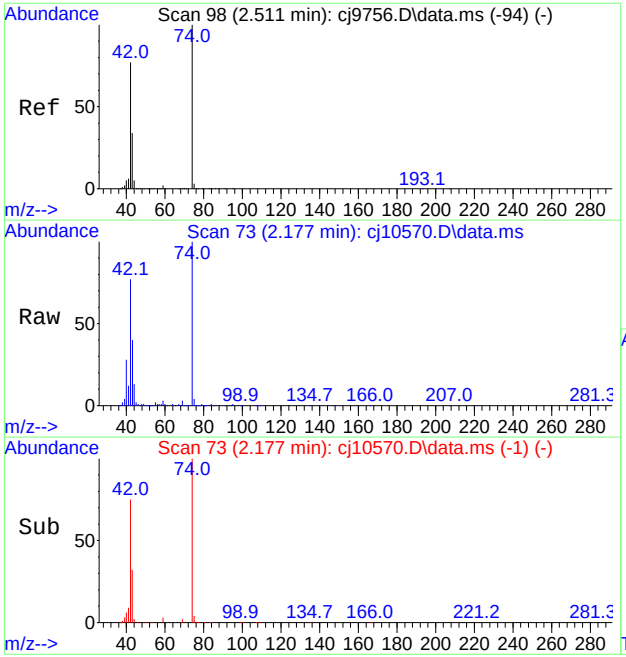


#3
Pyridine
Concen: 20.0290 ppm
RT: 2.225 min Scan# 82
Delta R.T. 0.016 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 79 Resp: 67363

Ion	Ratio	Lower	Upper
79	100		
52	78.3	47.1	107.1
50	28.0	0.0	59.7

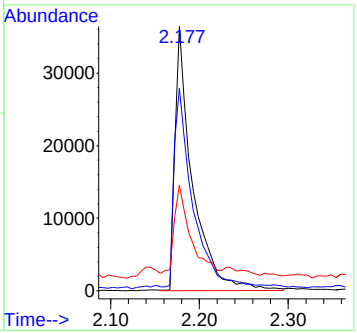


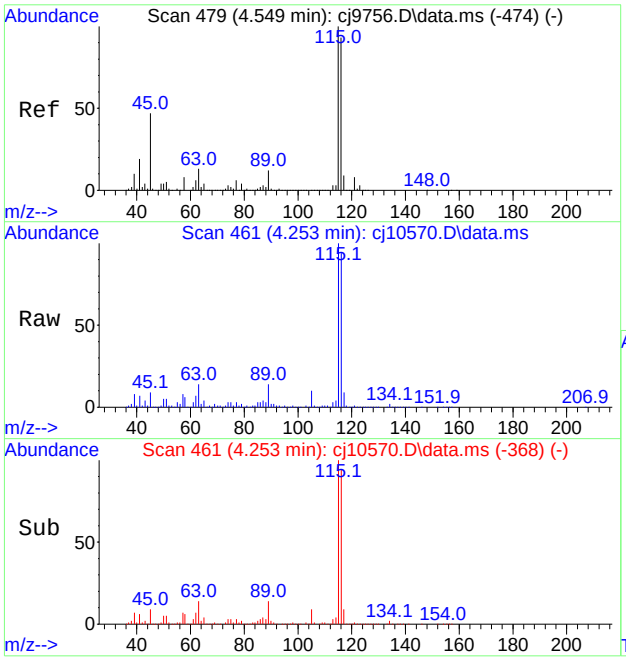


#4
N-Nitrosodimethylamine
Concen: 26.9819 ppm
RT: 2.177 min Scan# 73
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 74 Resp: 50325

Ion	Ratio	Lower	Upper
74	100		
42	75.4	46.7	106.7
43	34.0	3.2	63.2

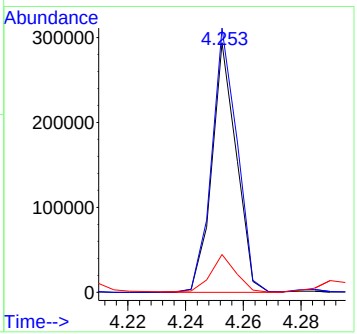


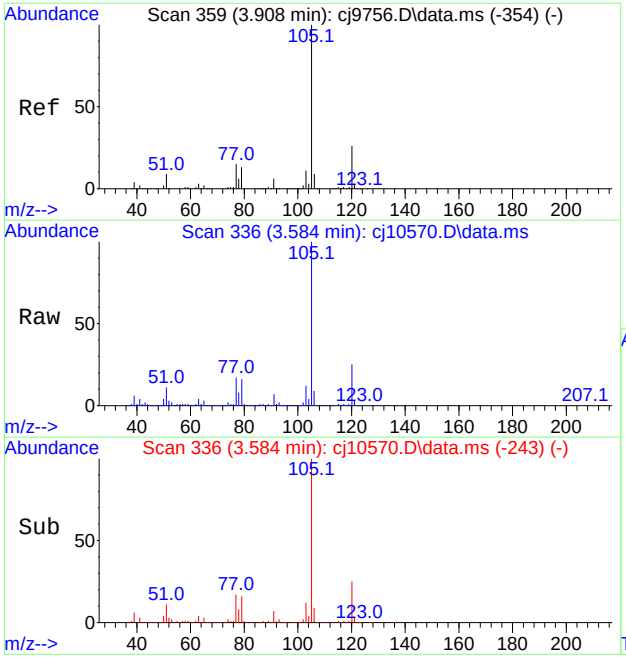


#6
Indene
Concen: 30.0182 ppm
RT: 4.253 min Scan# 461
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:116 Resp: 174048

Ion	Ratio	Lower	Upper
116	100		
115	105.8	78.5	138.5
63	15.0	0.0	45.0

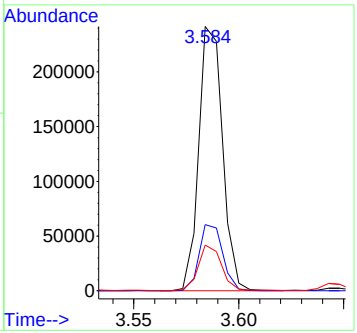


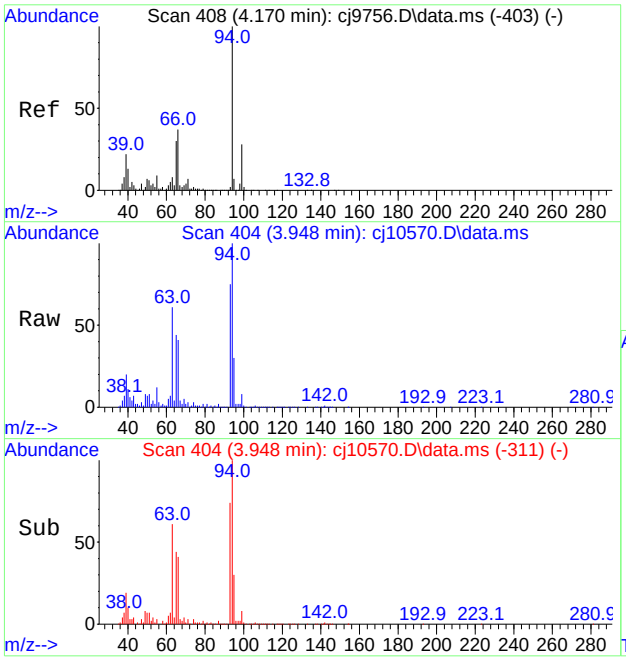


#7
Cumene
Concen: 28.2831 ppm
RT: 3.584 min Scan# 336
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:105 Resp: 190872

Ion	Ratio	Lower	Upper
105	100		
120	25.0	0.0	54.7
77	17.1	0.0	47.2

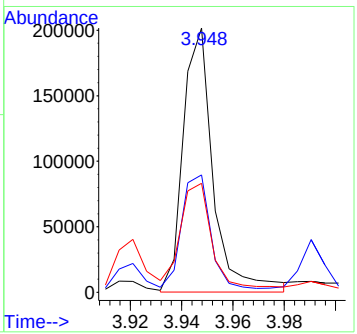


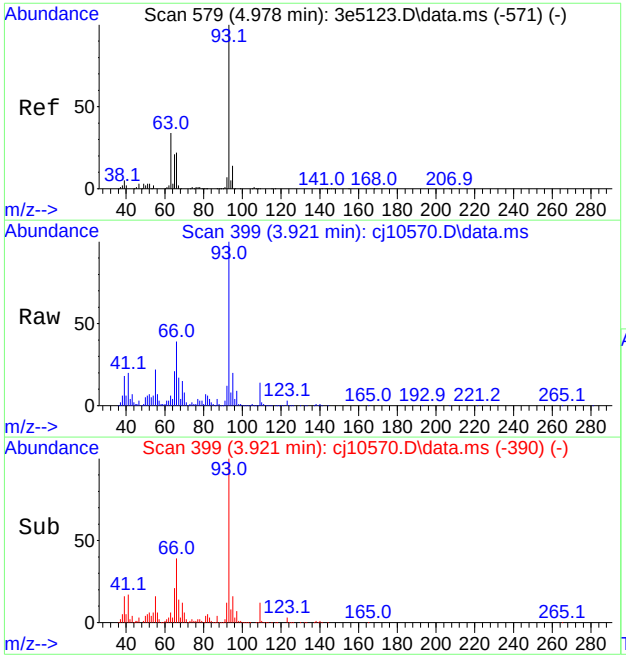


#9
Phenol
Concen: 39.1238 ppm
RT: 3.948 min Scan# 404
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 94 Resp: 163806

Ion	Ratio	Lower	Upper
94	100		
65	43.3	16.2	76.2
66	38.9	8.1	68.1

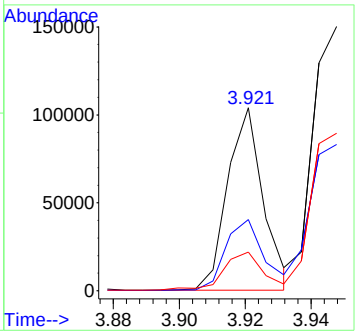


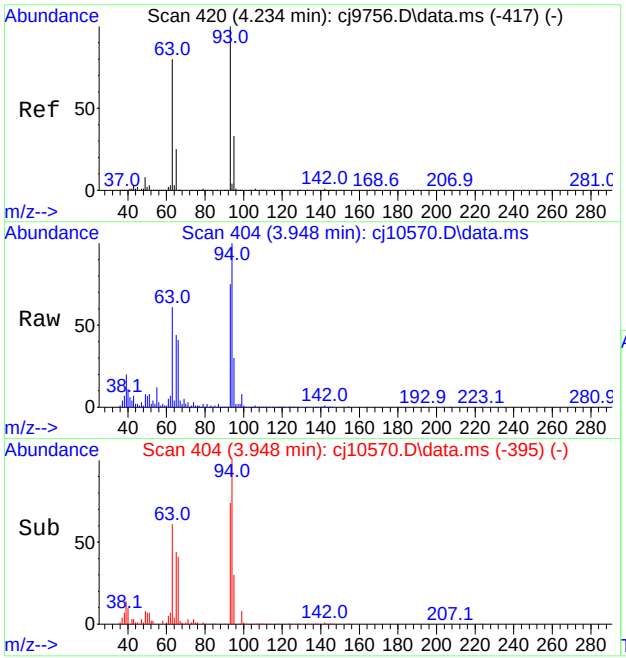


#10
Aniline
Concen: 14.9324 ppm
RT: 3.921 min Scan# 399
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 93 Resp: 77890

Ion	Ratio	Lower	Upper
93	100		
66	36.7	7.7	67.7
65	20.4	0.0	49.2

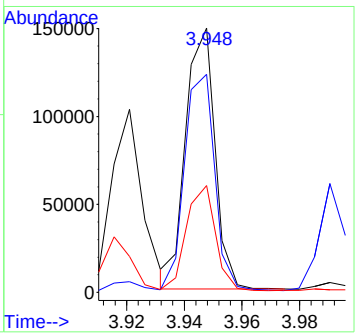


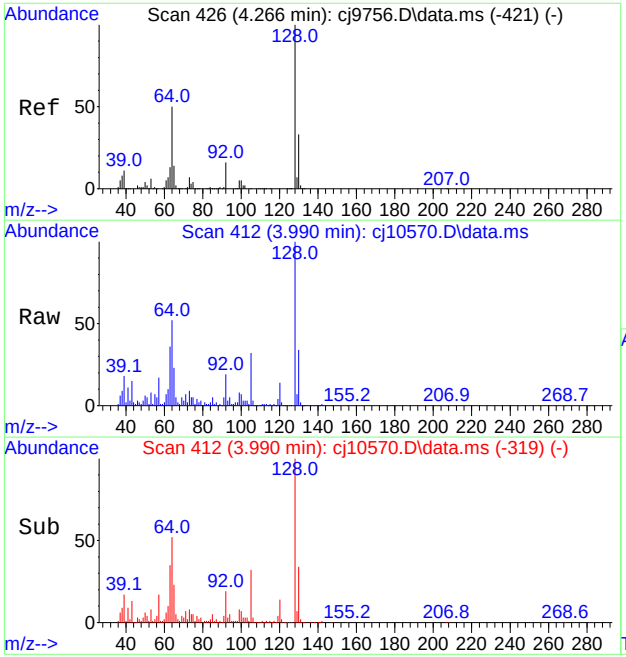


#11
bis(2-Chloroethyl)ether
Concen: 31.5439 ppm
RT: 3.948 min Scan# 404
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 93 Resp: 104642

Ion	Ratio	Lower	Upper
93	100		
63	85.9	52.9	112.9
95	41.6	11.3	71.3

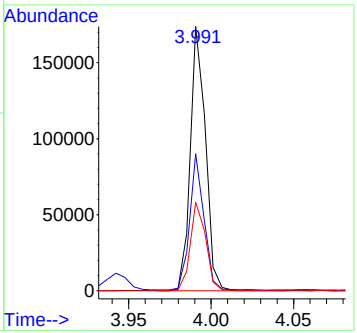


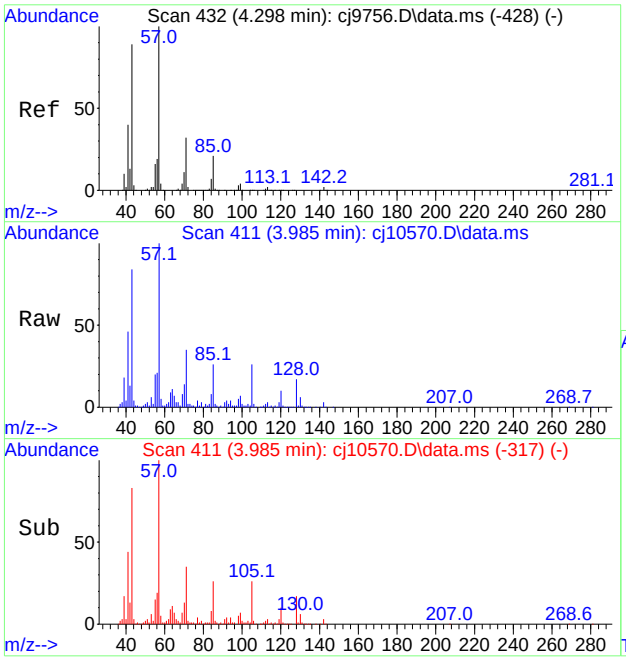


#12
2-Chlorophenol
Concen: 31.9794 ppm
RT: 3.990 min Scan# 412
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:128 Resp: 111873

Ion	Ratio	Lower	Upper
128	100		
64	51.6	18.5	78.5
130	33.5	2.3	62.3

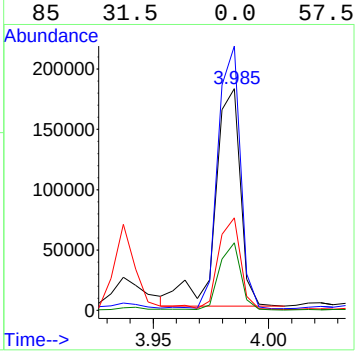


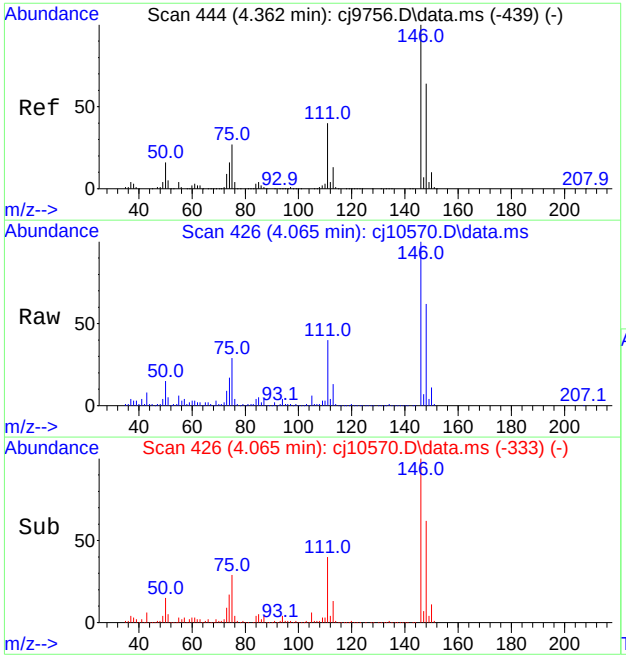


#13
Decane
Concen: 36.8073 ppm
RT: 3.985 min Scan# 411
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 43 Resp: 138033

Ion	Ratio	Lower	Upper
43	100		
57	123.5	89.1	149.1
71	42.3	9.0	69.0
85	31.5	0.0	57.5

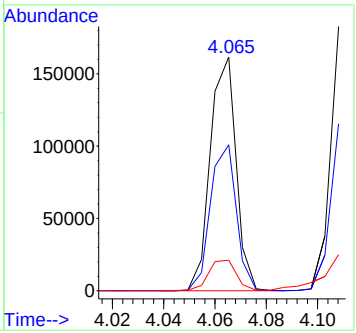


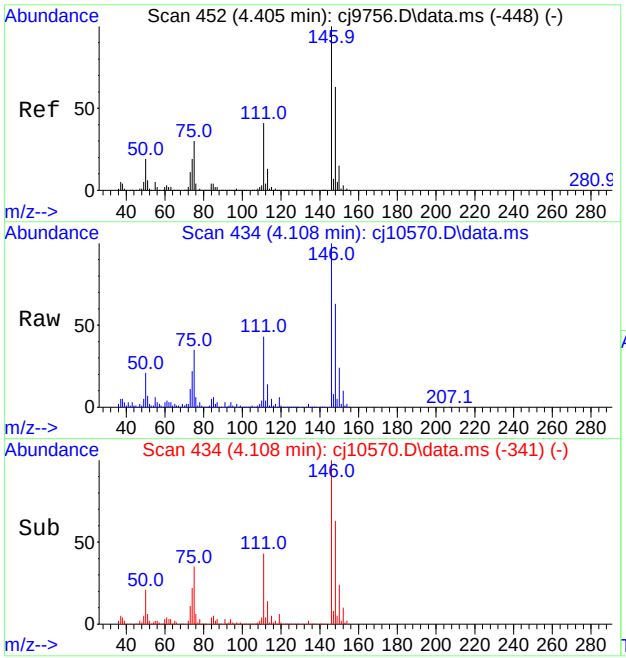


#14
1,3-Dichlorobenzene
Concen: 29.6831 ppm
RT: 4.065 min Scan# 426
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:146 Resp: 113439

Ion	Ratio	Lower	Upper
146	100		
148	62.4	35.9	95.9
113	12.3	0.0	43.0

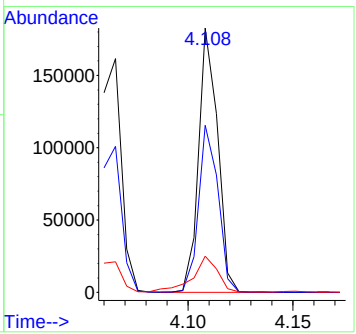


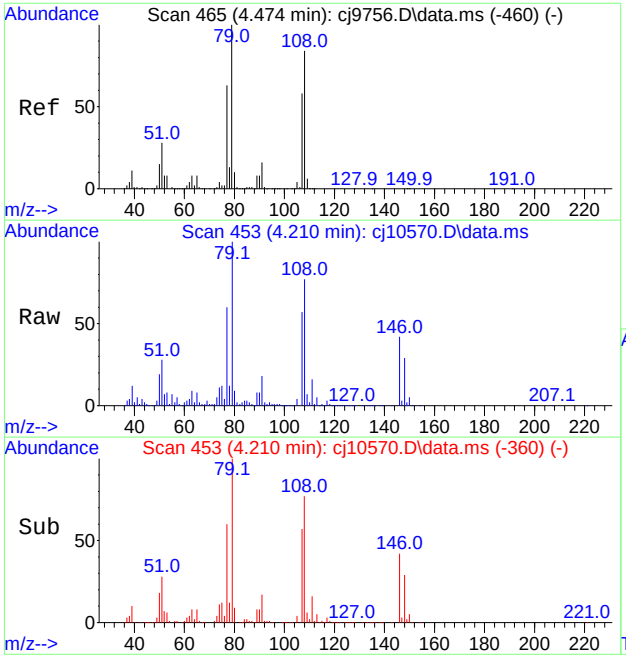


#15
1,4-Dichlorobenzene
Concen: 29.8073 ppm
RT: 4.108 min Scan# 434
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:146 Resp: 115662

Ion	Ratio	Lower	Upper
146	100		
148	63.1	33.7	93.7
113	12.9	0.0	44.1

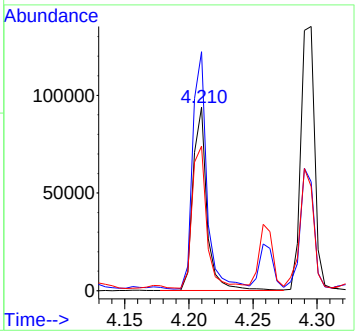


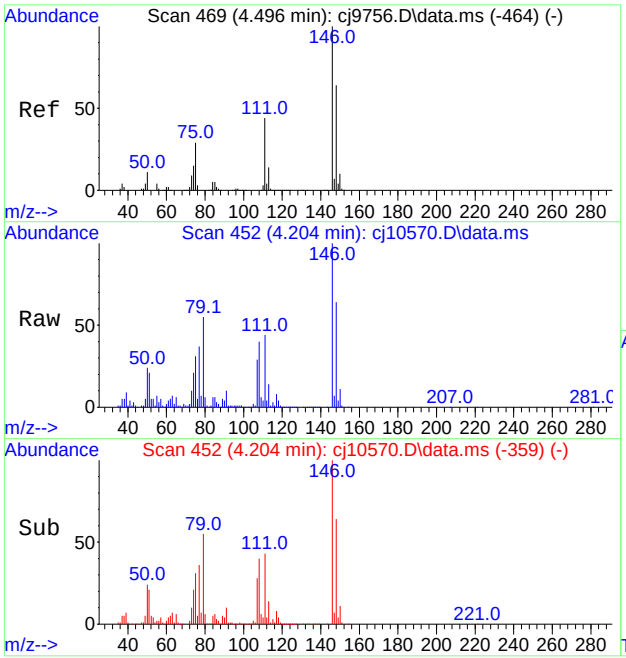


#16
Benzyl alcohol
Concen: 30.9739 ppm
RT: 4.210 min Scan# 453
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:108 Resp: 71154

Ion	Ratio	Lower	Upper
108	100		
79	128.8	99.1	159.1
77	76.3	51.3	111.3

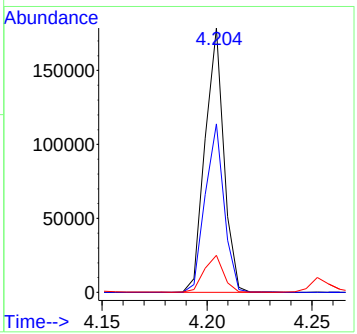


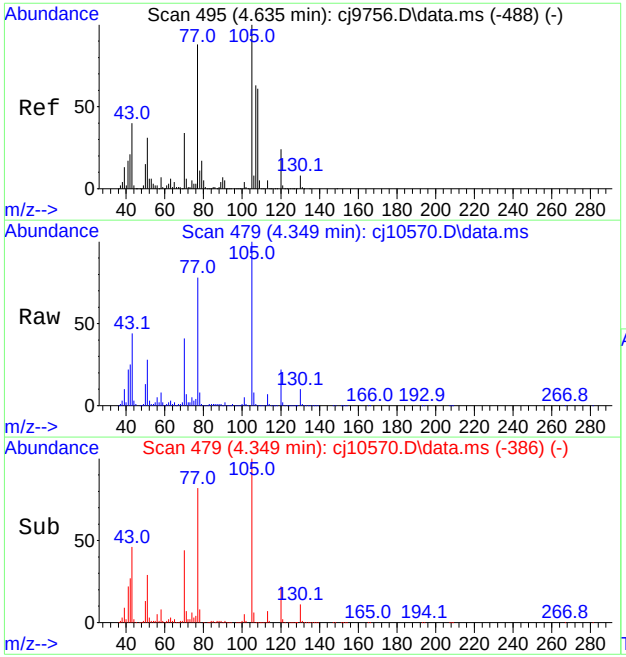


#17
1,2-Dichlorobenzene
Concen: 30.4269 ppm
RT: 4.204 min Scan# 452
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:146 Resp: 111655

Ion	Ratio	Lower	Upper
146	100		
148	63.7	35.1	95.1
113	13.8	0.0	43.7

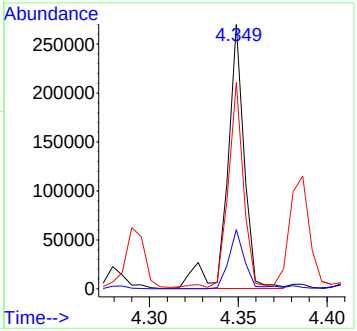


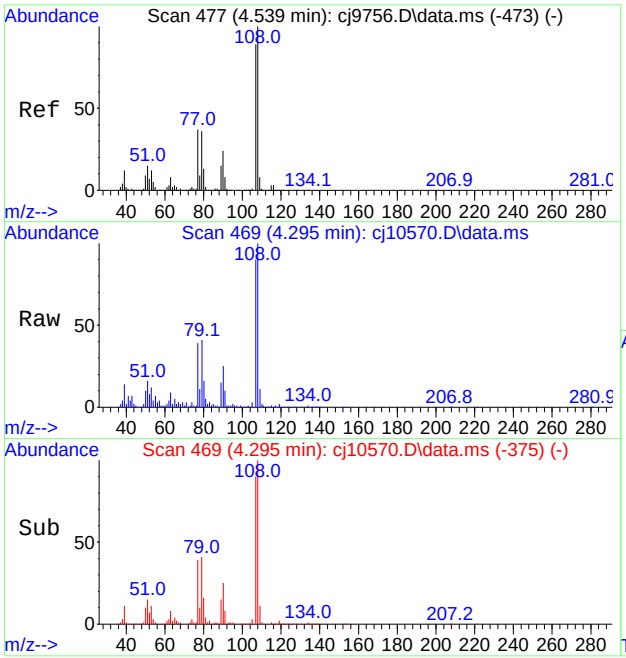


#18
Acetophenone
Concen: 36.1978 ppm
RT: 4.349 min Scan# 479
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:105 Resp: 177710

Ion	Ratio	Lower	Upper
105	100		
120	22.2	0.0	51.5
77	74.2	47.4	107.4

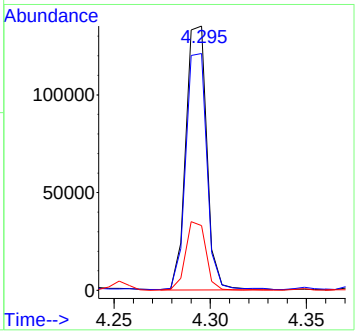


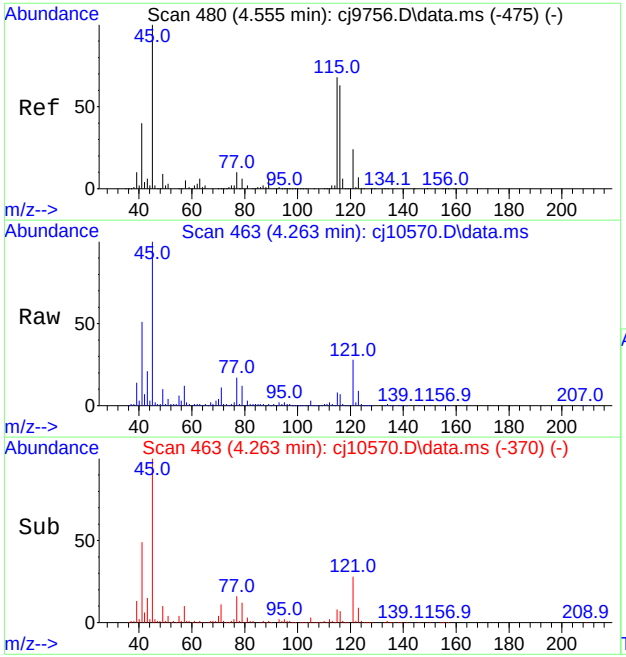


#19
2-Methylphenol
Concen: 33.3265 ppm
RT: 4.295 min Scan# 469
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:108 Resp: 102359

Ion	Ratio	Lower	Upper
108	100		
107	89.5	62.8	122.8
90	24.5	0.0	55.7

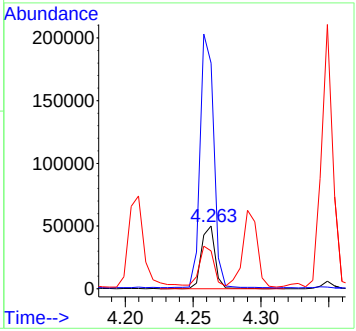


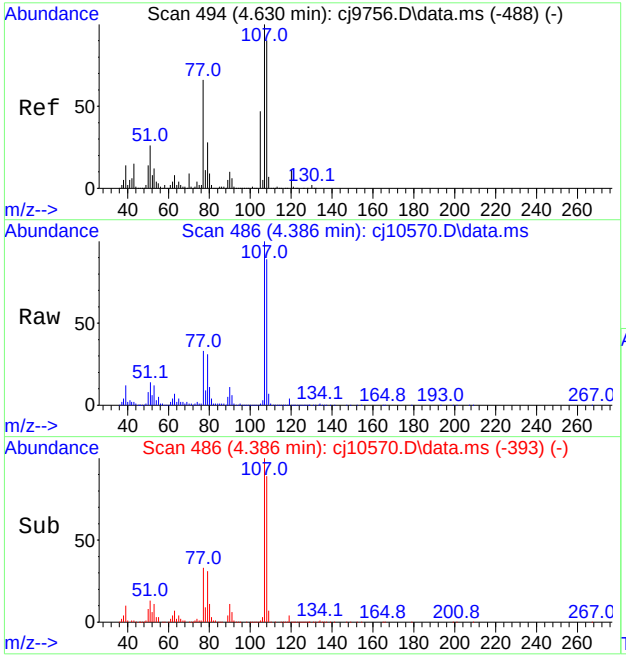


#20
2,2'-oxybis(1-Chloropropane
Concen: 31.5945 ppm
RT: 4.263 min Scan# 463
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:121 Resp: 34600

Ion	Ratio	Lower	Upper
121	100		
45	357.4	315.9	375.9
77	53.5	7.2	67.2

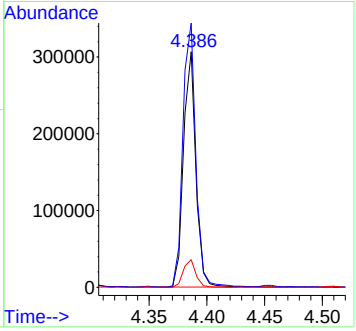


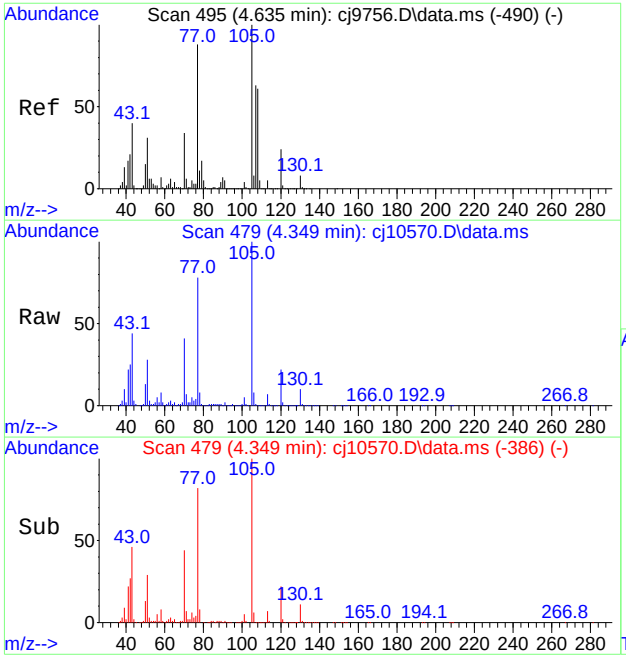


#21
3&4-Methylphenol
Concen: 71.0947 ppm
RT: 4.386 min Scan# 486
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:108 Resp: 228779

Ion	Ratio	Lower	Upper
108	100		
107	112.1	83.9	143.9
90	11.8	0.0	41.5

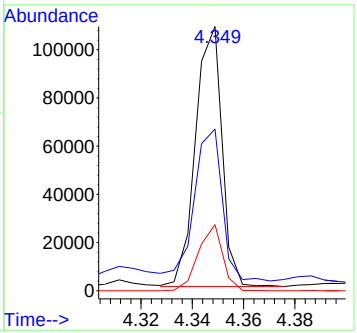


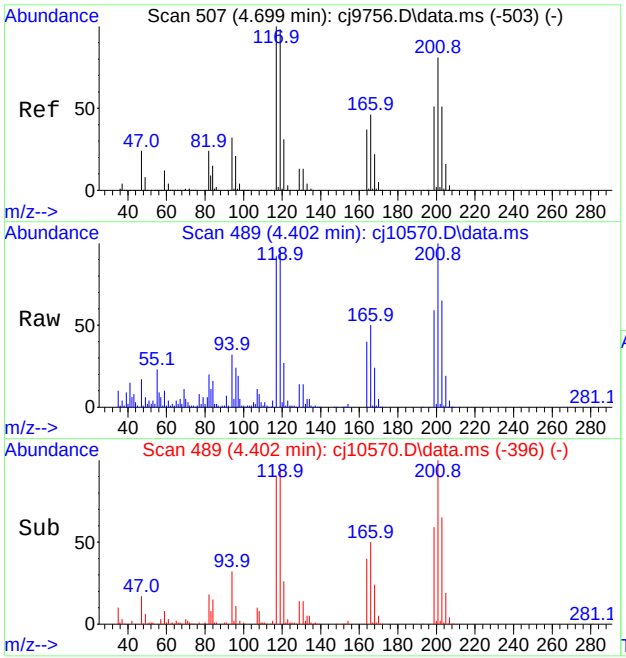


#22
n-Nitroso-di-n-propylamine
Concen: 32.8109 ppm
RT: 4.349 min Scan# 479
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 70 Resp: 78323

Ion	Ratio	Lower	Upper
70	100		
42	56.7	25.6	85.6
130	25.5	0.0	51.9

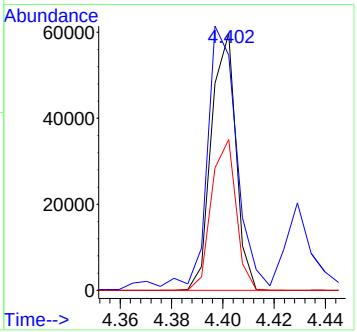


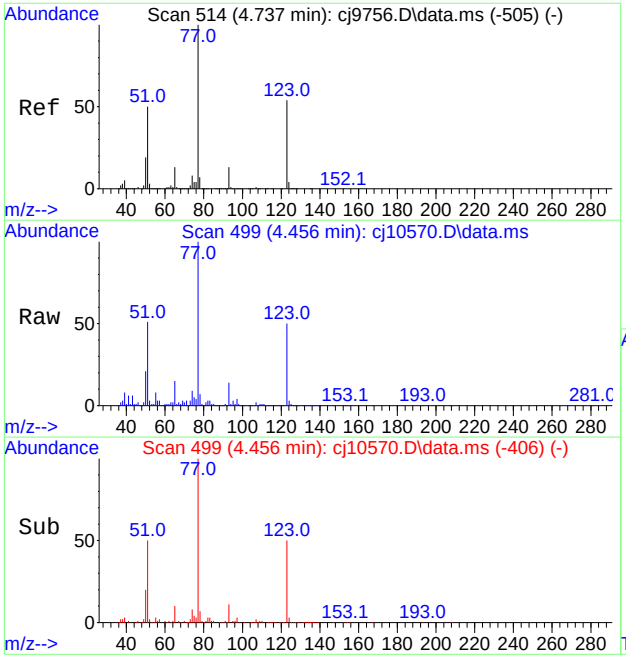


#23
Hexachloroethane
Concen: 30.9827 ppm
RT: 4.402 min Scan# 489
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:201 Resp: 39866

Ion	Ratio	Lower	Upper
201	100		
117	82.8	55.6	115.6
199	58.7	31.1	91.1

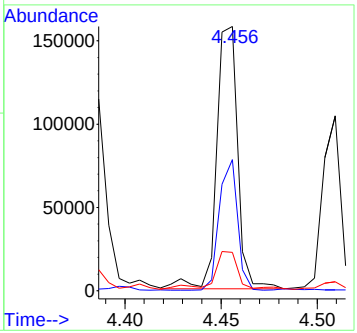


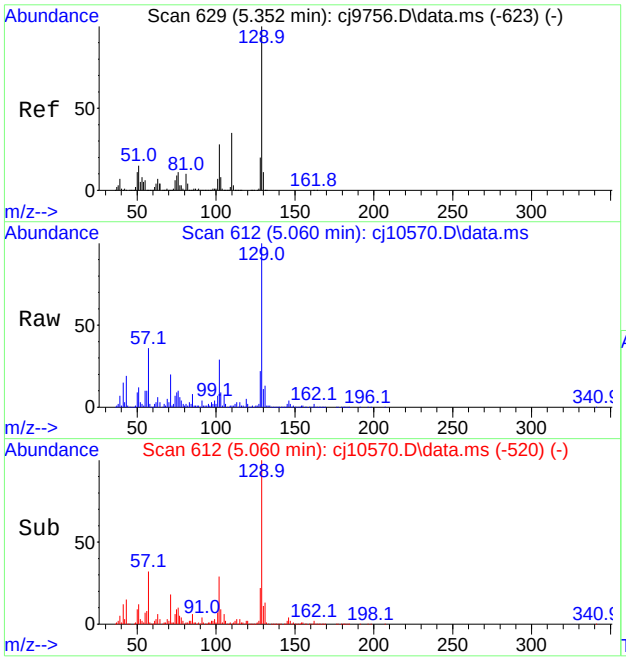


#26
Nitrobenzene
Concen: 34.4242 ppm
RT: 4.456 min Scan# 499
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 77 Resp: 120069

Ion	Ratio	Lower	Upper
77	100		
123	49.5	18.4	78.4
65	14.0	0.0	44.4

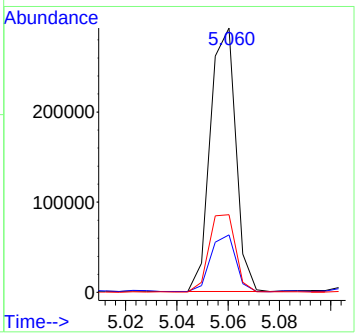


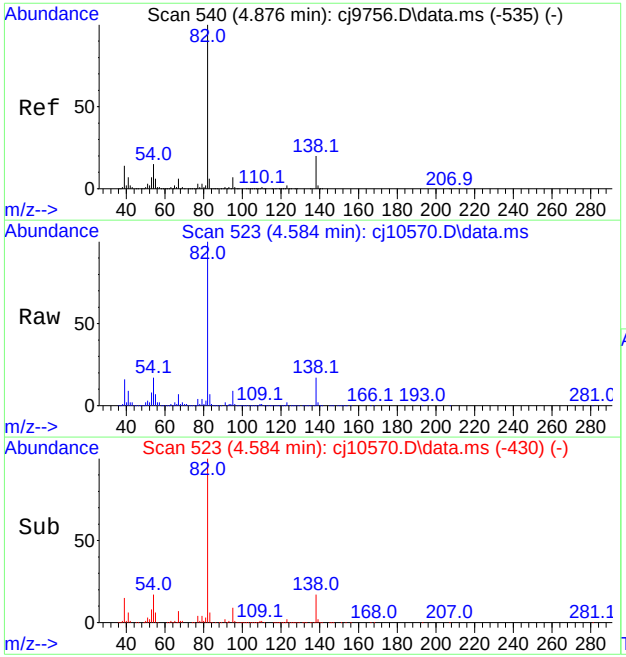


#27
Quinoline
Concen: 32.1884 ppm
RT: 5.060 min Scan# 612
Delta R.T. -0.006 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:129 Resp: 202212

Ion	Ratio	Lower	Upper
129	100		
128	21.4	0.0	49.8
102	29.3	0.0	58.9

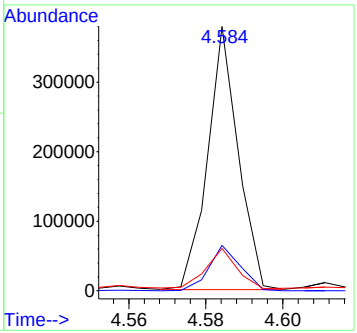


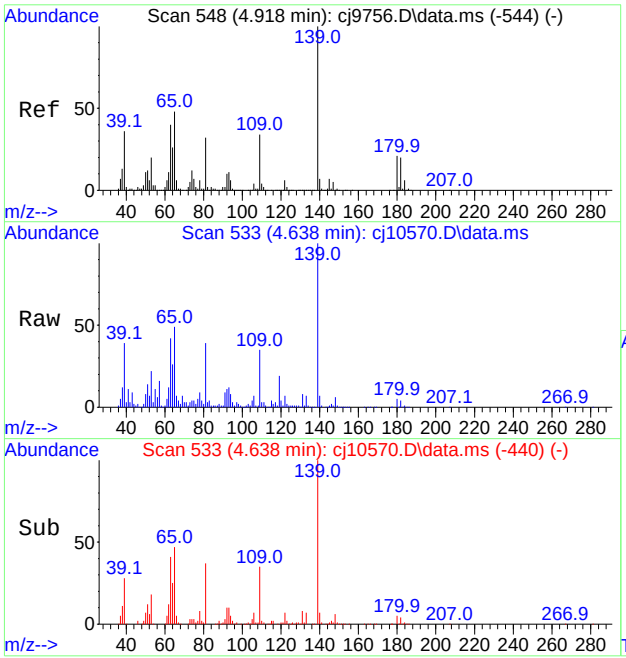


#28
Isophorone
Concen: 33.8174 ppm
RT: 4.584 min Scan# 523
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 82 Resp: 209063

Ion	Ratio	Lower	Upper
82	100		
138	17.2	0.0	46.8
39	15.1	0.0	45.7

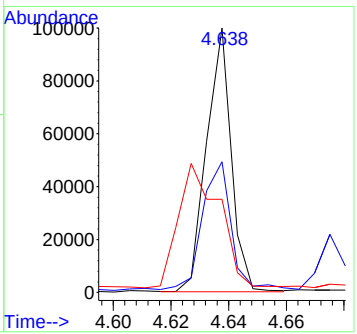


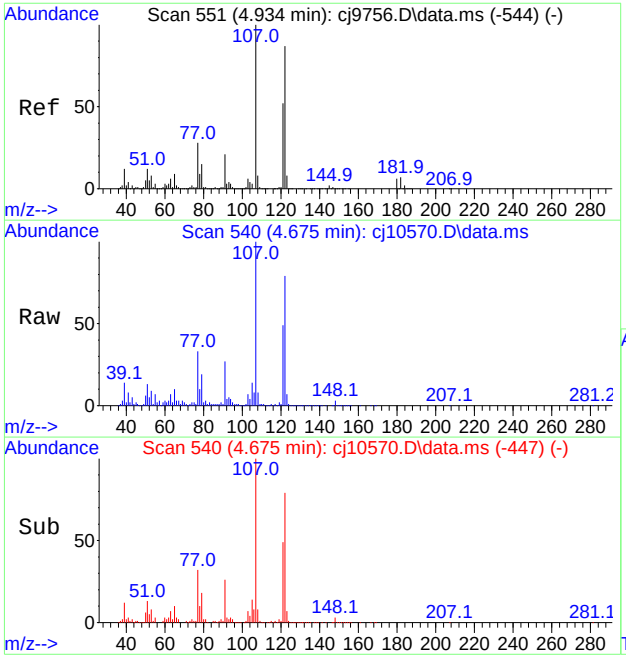


#29
2-Nitrophenol
Concen: 37.0607 ppm
RT: 4.638 min Scan# 533
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:139 Resp: 59546

Ion	Ratio	Lower	Upper
139	100		
65	48.2	13.2	73.2
109	33.0	1.8	61.8

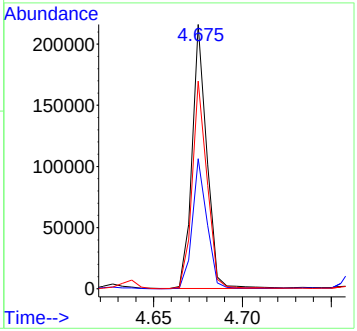


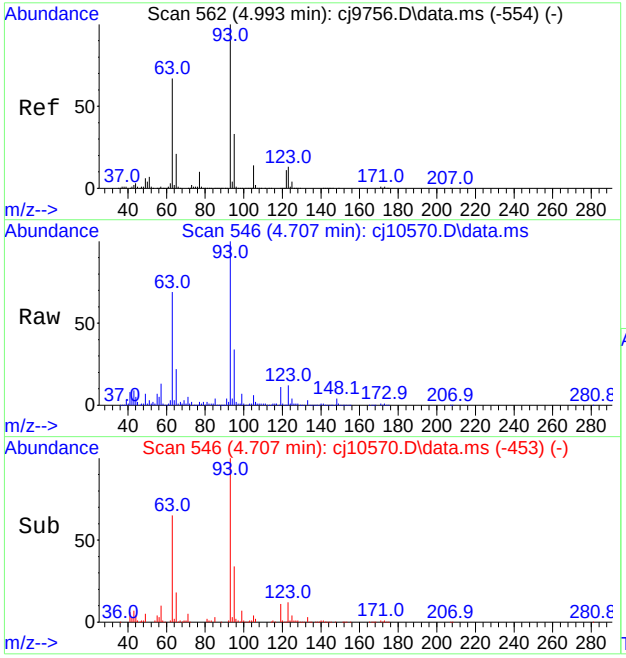


#30
2,4-Dimethylphenol
Concen: 37.3666 ppm
RT: 4.675 min Scan# 540
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:107 Resp: 124624

Ion	Ratio	Lower	Upper
107	100		
121	49.1	16.3	76.3
122	78.6	47.8	107.8

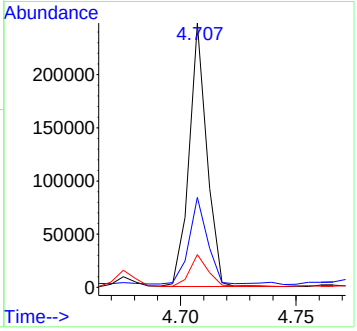


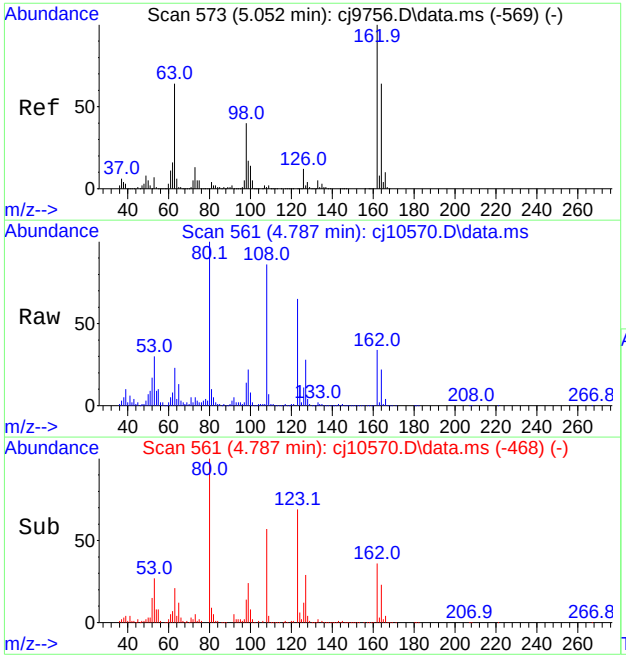


#32
bis(2-Chloroethoxy)methane
Concen: 33.1628 ppm
RT: 4.707 min Scan# 546
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 93 Resp: 132345

Ion	Ratio	Lower	Upper
93	100		
95	33.0	2.9	62.9
123	12.1	0.0	41.0

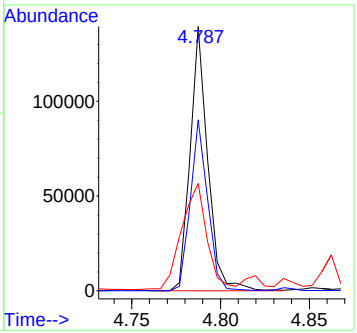


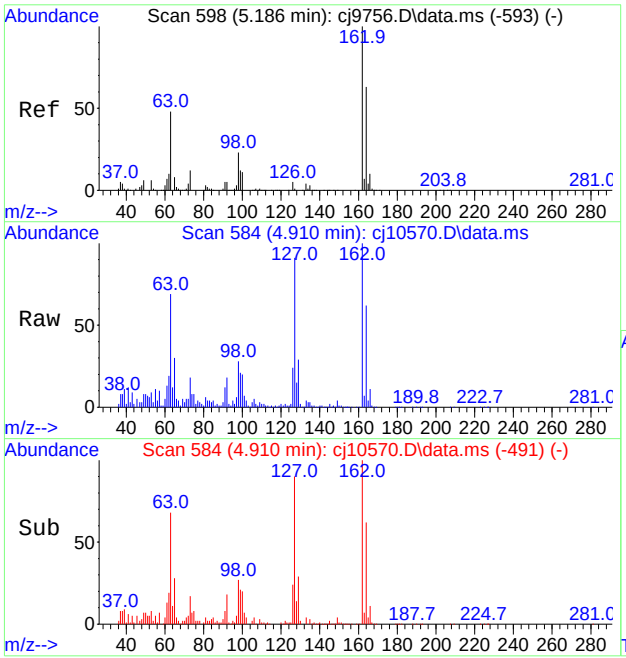


#33
2,4-Dichlorophenol
Concen: 36.5838 ppm
RT: 4.787 min Scan# 561
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:162 Resp: 96506

Ion	Ratio	Lower	Upper
162	100		
164	64.1	36.4	96.4
98	37.9	4.0	64.0

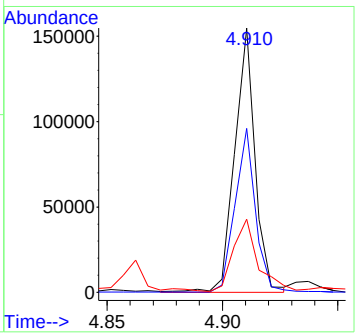


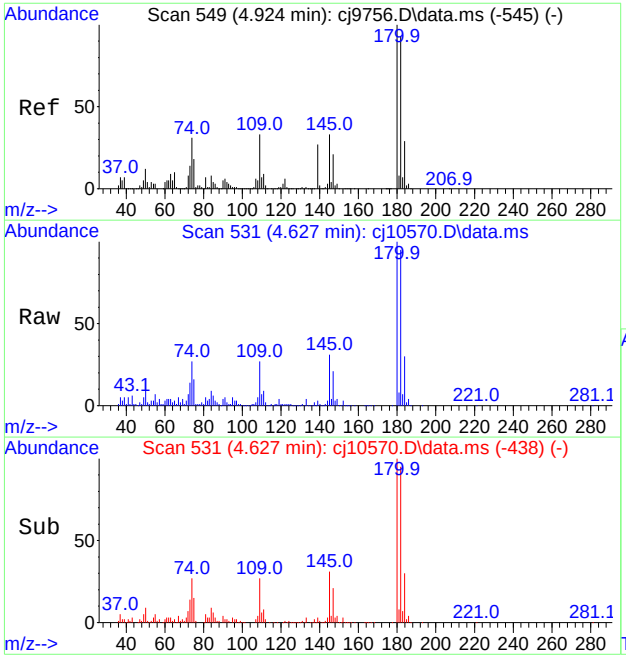


#34
2,6-Dichlorophenol
Concen: 36.0671 ppm
RT: 4.910 min Scan# 584
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:162 Resp: 94901

Ion	Ratio	Lower	Upper
162	100		
164	62.2	35.0	95.0
98	26.2	0.0	54.7

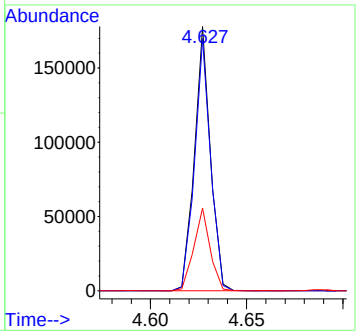


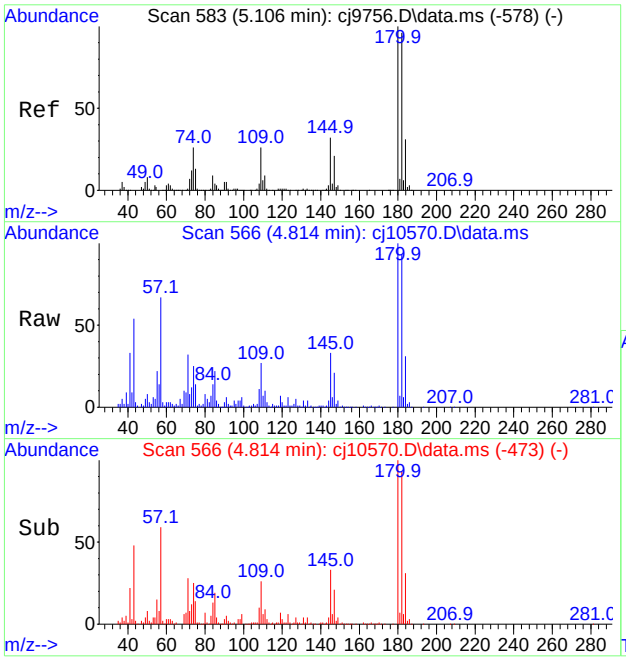


#35
1,3,5-Trichlorobenzene
Concen: 34.2975 ppm
RT: 4.627 min Scan# 531
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:180 Resp: 103205

Ion	Ratio	Lower	Upper
180	100		
182	95.4	65.1	125.1
145	31.3	2.5	62.5

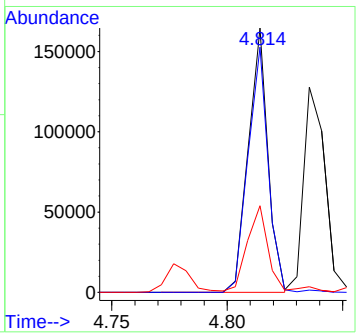


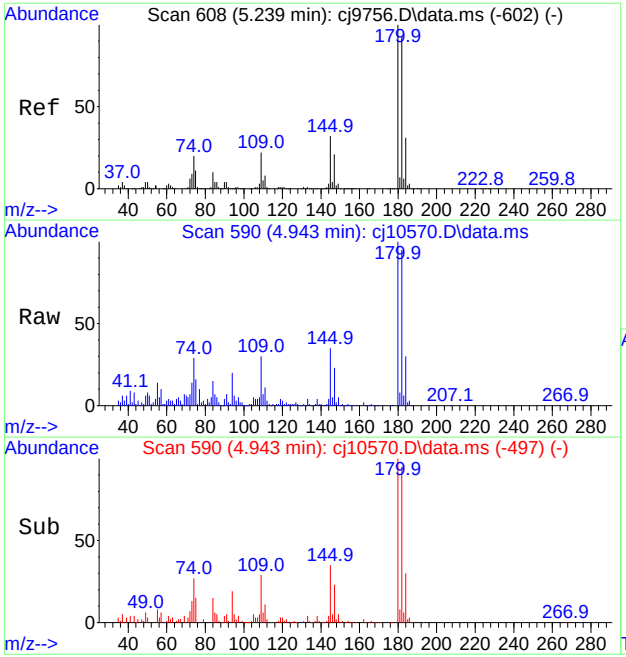


#36
1,2,4-Trichlorobenzene
Concen: 34.4132 ppm
RT: 4.814 min Scan# 566
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:180 Resp: 97421

Ion	Ratio	Lower	Upper
180	100		
182	92.8	63.0	123.0
145	31.0	1.9	61.9

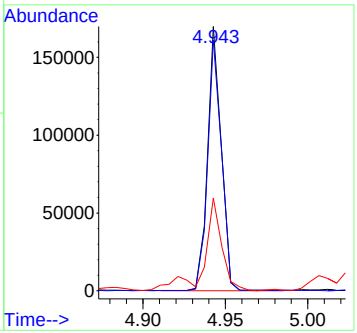


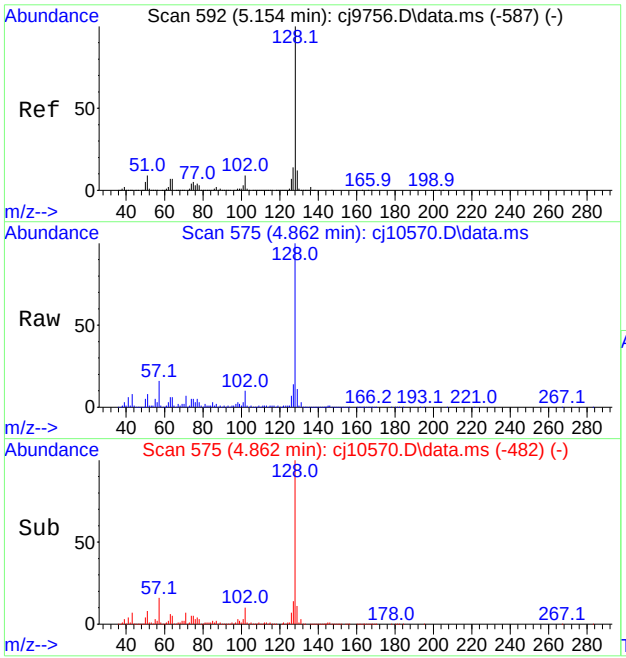


#37
1,2,3-Trichlorobenzene
Concen: 34.8432 ppm
RT: 4.943 min Scan# 590
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:180 Resp: 98292

Ion	Ratio	Lower	Upper
180	100		
182	94.8	62.6	122.6
145	34.0	4.1	64.1

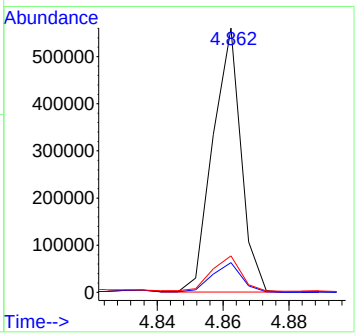


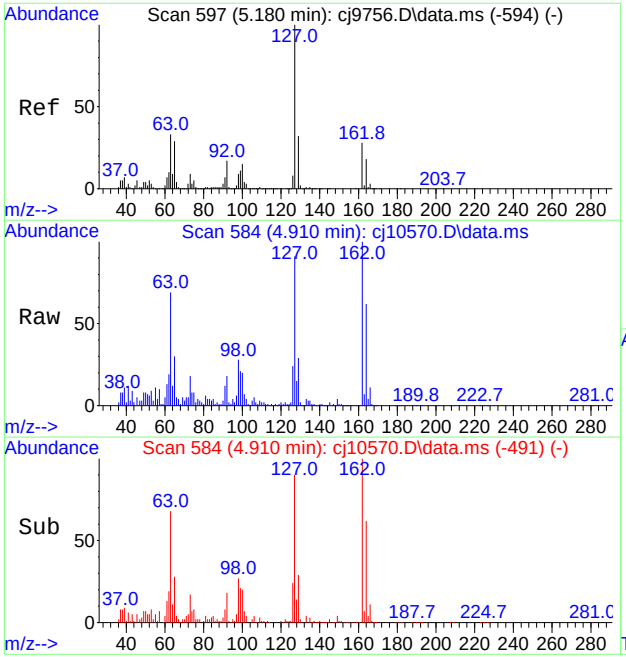


#38
Naphthalene
Concen: 34.1812 ppm
RT: 4.862 min Scan# 575
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:128 Resp: 331156

Ion	Ratio	Lower	Upper
128	100		
129	11.1	0.0	40.9
127	13.3	0.0	43.8

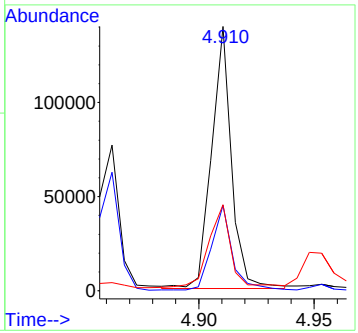


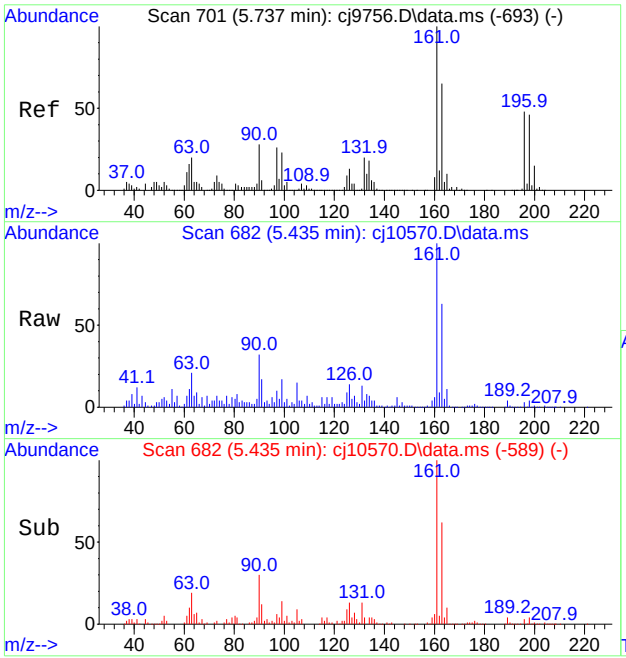


#39
4-Chloroaniline
Concen: 20.9861 ppm
RT: 4.910 min Scan# 584
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:127 Resp: 83943

Ion	Ratio	Lower	Upper
127	100		
129	32.4	1.3	61.3
65	31.5	0.0	58.3

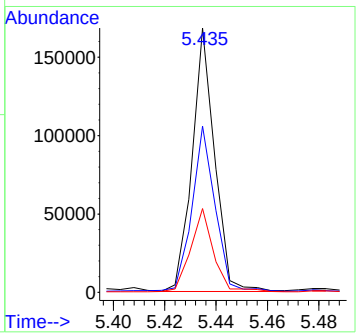


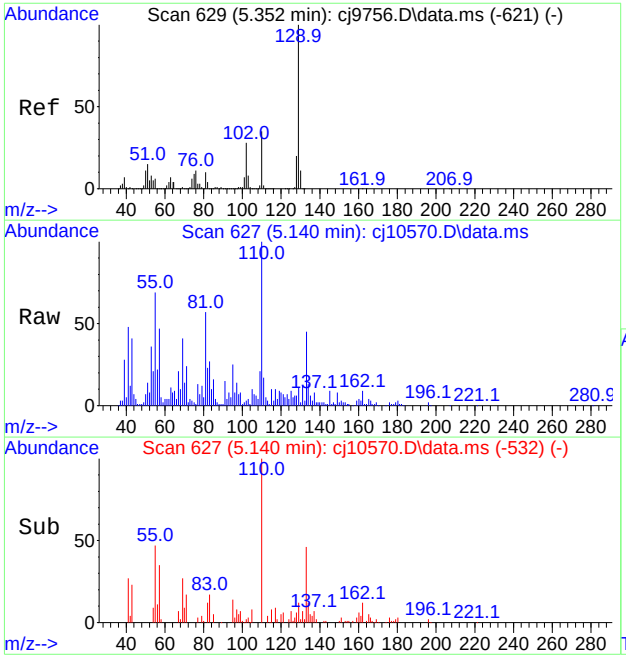


#40
2,3-Dichloroaniline
Concen: 33.9620 ppm
RT: 5.435 min Scan# 682
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:161 Resp: 103675

Ion	Ratio	Lower	Upper
161	100		
163	62.6	35.0	95.0
90	31.6	2.8	62.8

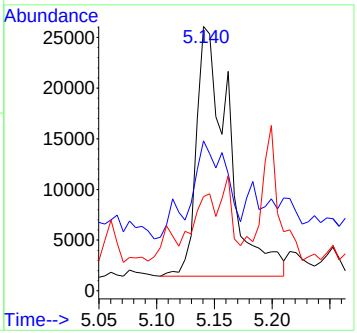


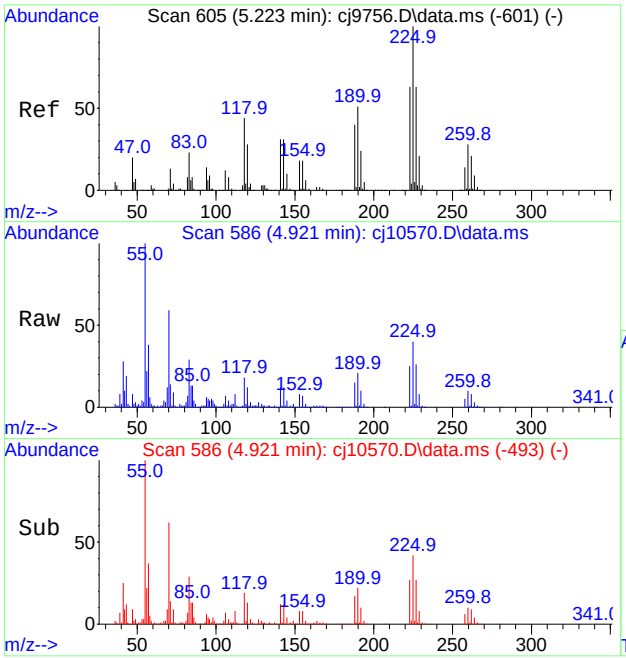


#41
Hydroquinone
Concen: 24.0938 ppm
RT: 5.140 min Scan# 627
Delta R.T. 0.010 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:110 Resp: 48350

Ion	Ratio	Lower	Upper
110	100		
81	31.7	1.6	61.6
53	17.7	0.0	53.5

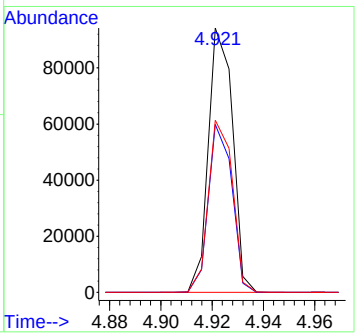


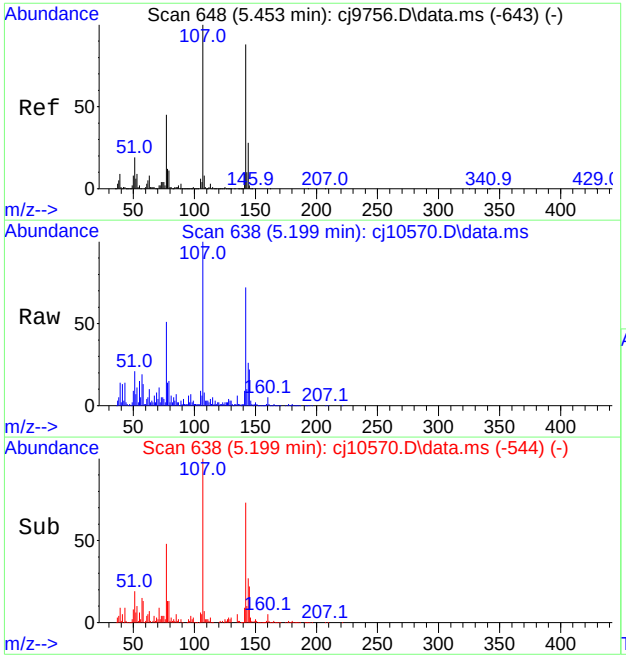


#42
Hexachlorobutadiene
Concen: 39.6523 ppm
RT: 4.921 min Scan# 586
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:225 Resp: 61798

Ion	Ratio	Lower	Upper
225	100		
223	63.5	33.9	93.9
227	65.1	31.9	91.9

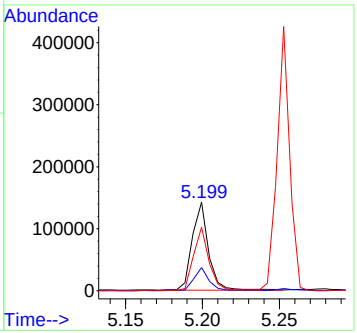


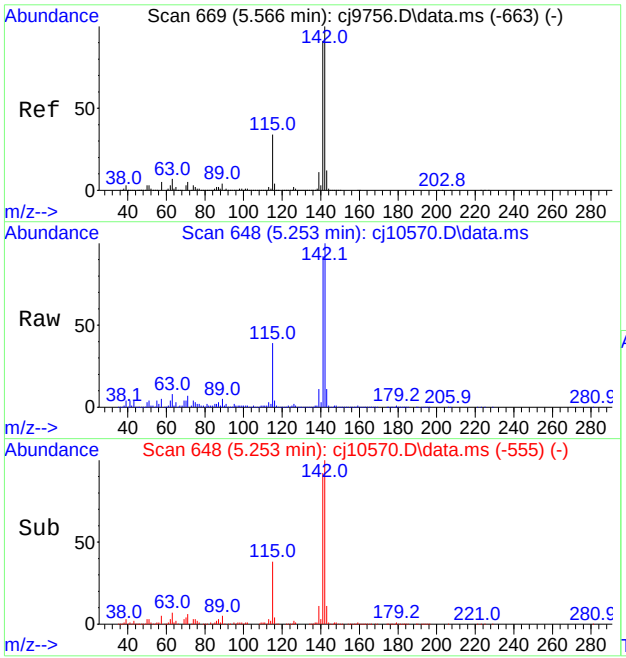


#43
4-Chloro-3-methylphenol
Concen: 37.9610 ppm
RT: 5.199 min Scan# 638
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:107 Resp: 104073

Ion	Ratio	Lower	Upper
107	100		
144	25.2	0.0	53.5
142	0.0	43.8	103.8#

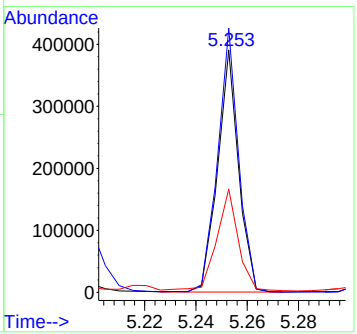


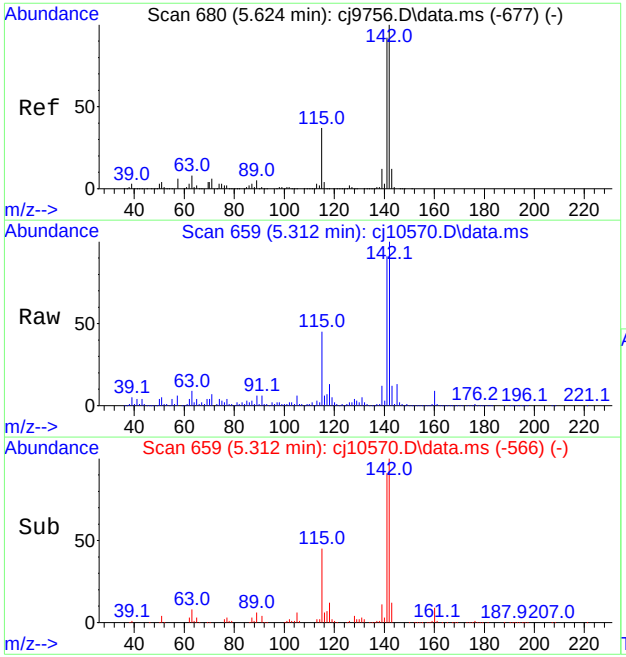


#44
2-Methylnaphthalene
Concen: 39.0027 ppm
RT: 5.253 min Scan# 648
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:141 Resp: 221098

Ion	Ratio	Lower	Upper
141	100		
142	109.1	82.6	142.6
115	41.9	11.3	71.3

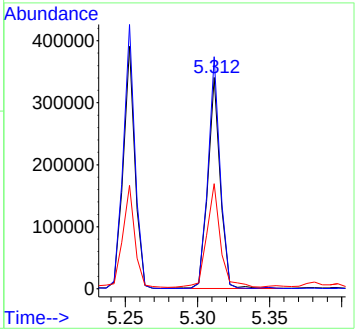


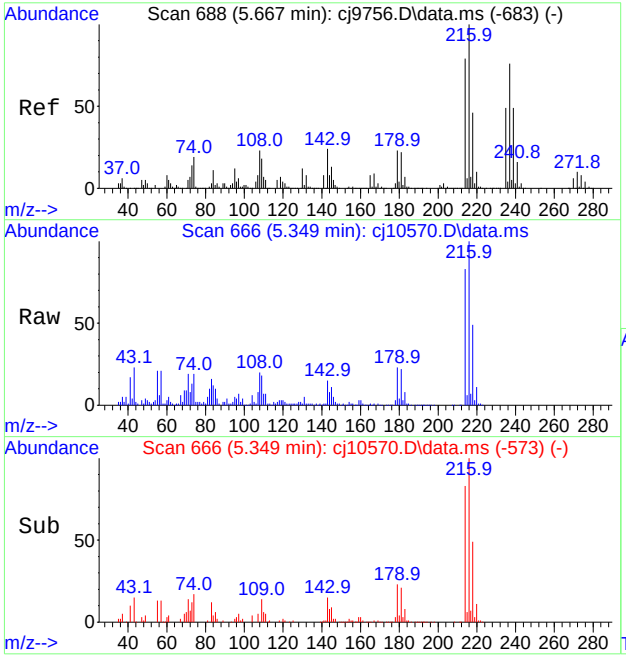


#45
1-Methylnaphthalene
Concen: 37.3418 ppm
RT: 5.312 min Scan# 659
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:141 Resp: 202436

Ion	Ratio	Lower	Upper
141	100		
142	109.9	78.7	138.7
115	48.8	12.3	72.3

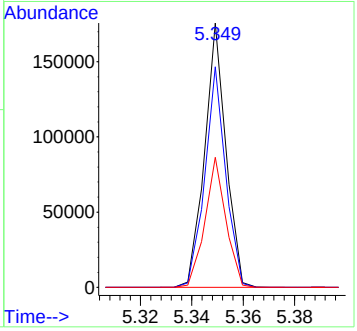




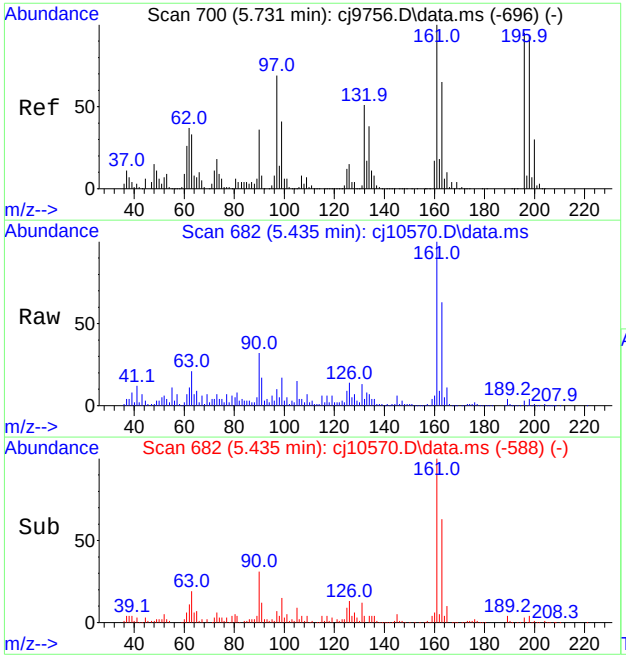
#48
1,2,4,5-tetrachlorobenzene
Concen: 36.5462 ppm
RT: 5.349 min Scan# 666
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:216 Resp: 101646

Ion	Ratio	Lower	Upper
216	100		
214	81.4	63.6	95.4
218	48.4	38.3	57.5



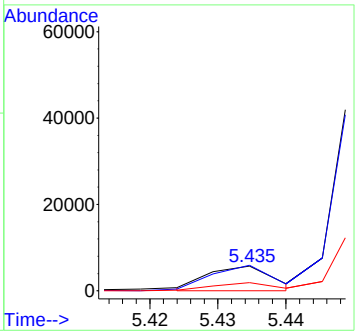
7.4.1

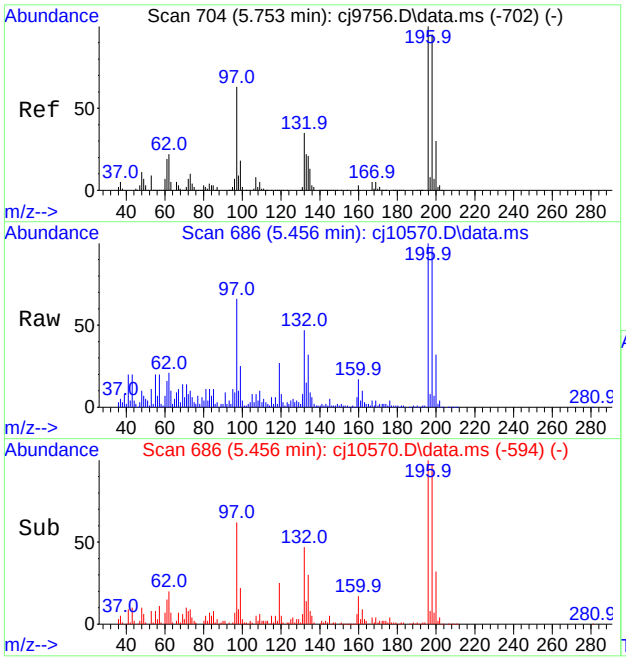


#49
2,4,6-Trichlorophenol
Concen: 1.9300 ppm m
RT: 5.435 min Scan# 682
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:196 Resp: 3781

Ion	Ratio	Lower	Upper
196	100		
198	103.4	64.3	124.3
200	33.8	0.0	59.2

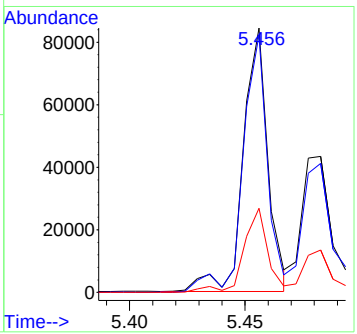


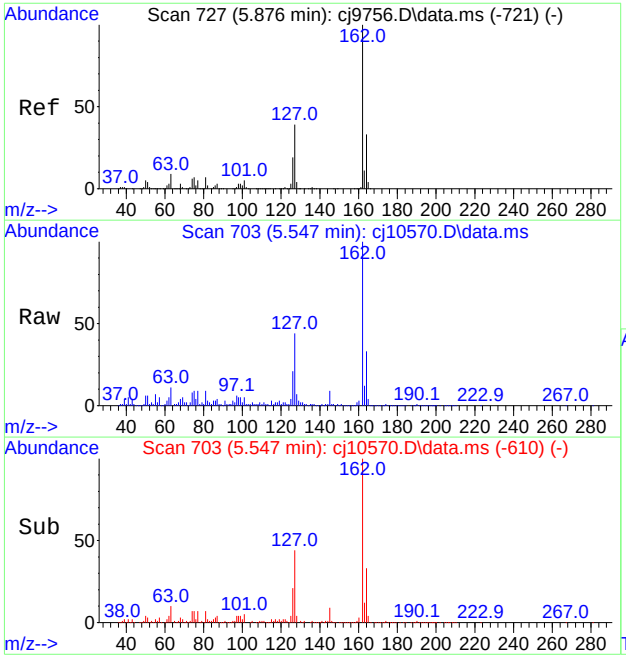


#50
2,4,5-Trichlorophenol
Concen: 32.2958 ppm
RT: 5.456 min Scan# 686
Delta R.T. -0.006 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:196 Resp: 63080

Ion	Ratio	Lower	Upper
196	100		
198	98.3	65.4	125.4
200	32.0	0.0	59.9

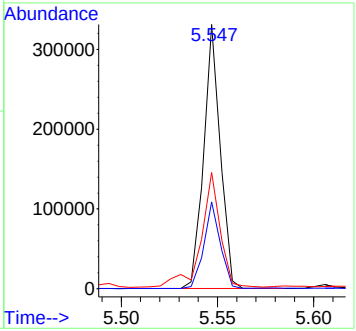


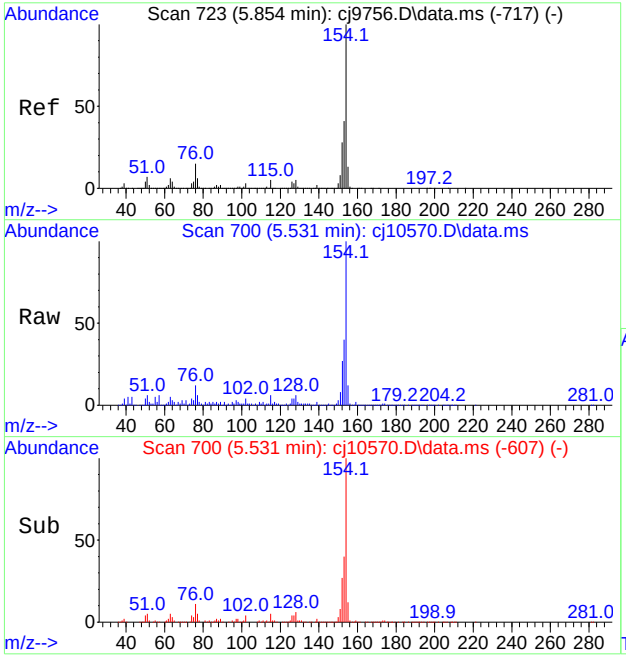


#52
2-Chloronaphthalene
Concen: 32.8995 ppm
RT: 5.547 min Scan# 703
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:162 Resp: 199956

Ion	Ratio	Lower	Upper
162	100		
164	32.8	2.3	62.3
127	43.0	14.6	74.6

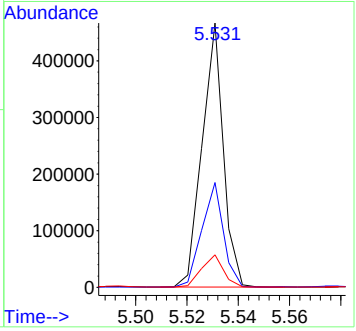


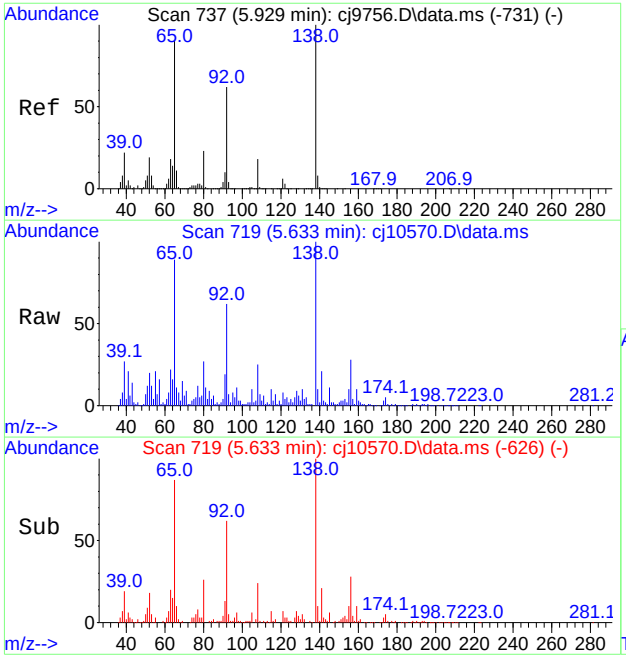


#53
Biphenyl
Concen: 33.8899 ppm
RT: 5.531 min Scan# 700
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:154 Resp: 270170

Ion	Ratio	Lower	Upper
154	100		
153	39.5	11.1	71.1
155	12.2	0.0	42.7

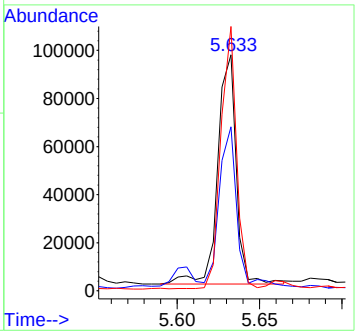


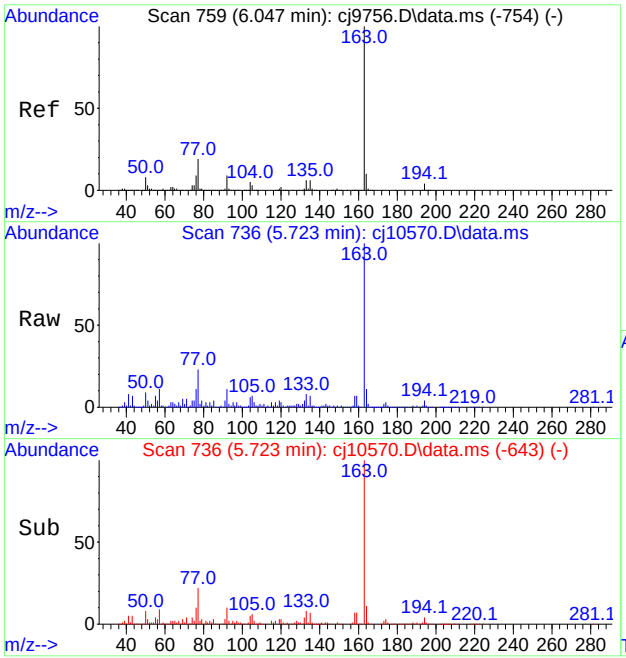


#54
2-Nitroaniline
Concen: 40.9603 ppm
RT: 5.633 min Scan# 719
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 65 Resp: 74932

Ion	Ratio	Lower	Upper
65	100		
92	69.8	39.4	99.4
138	113.5	81.7	141.7

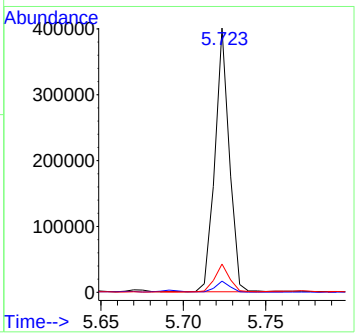


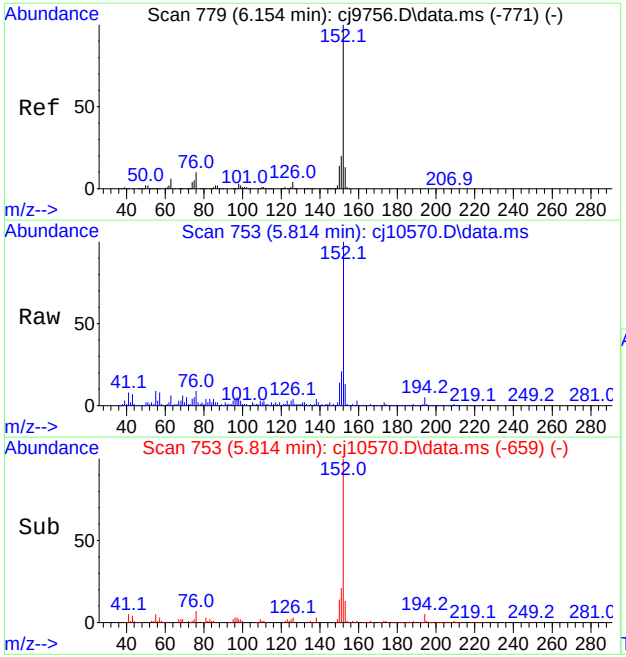


#55
Dimethylphthalate
Concen: 34.5000 ppm
RT: 5.723 min Scan# 736
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:163 Resp: 245312

Ion	Ratio	Lower	Upper
163	100		
194	4.0	0.0	33.8
164	10.5	0.0	40.3

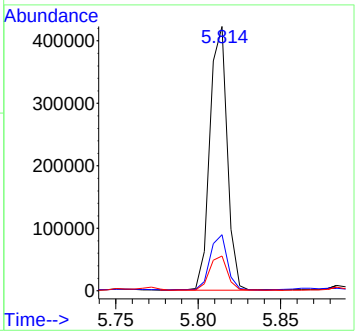


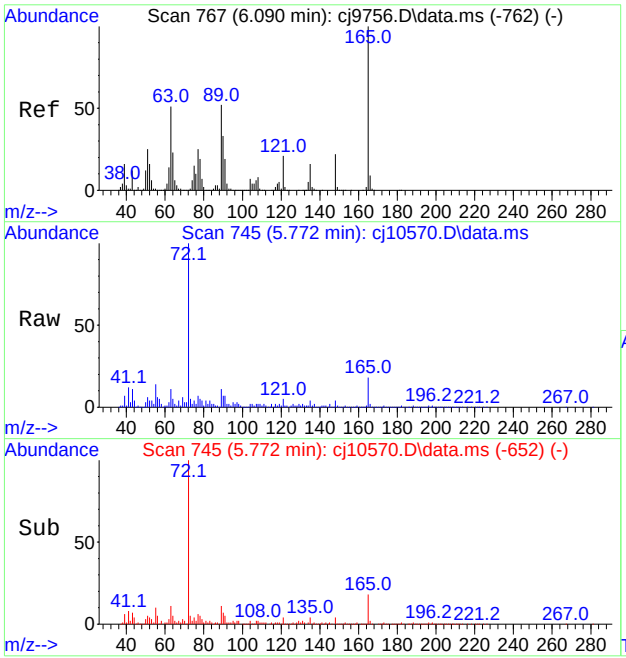


#56
Acenaphthylene
Concen: 35.2234 ppm
RT: 5.814 min Scan# 753
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:152 Resp: 310112

Ion	Ratio	Lower	Upper
152	100		
151	20.7	0.0	50.6
153	12.7	0.0	43.6

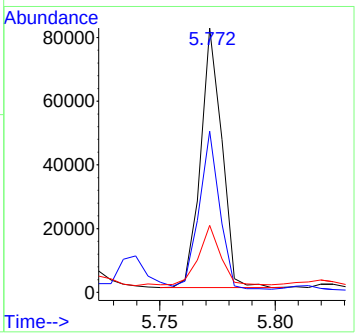


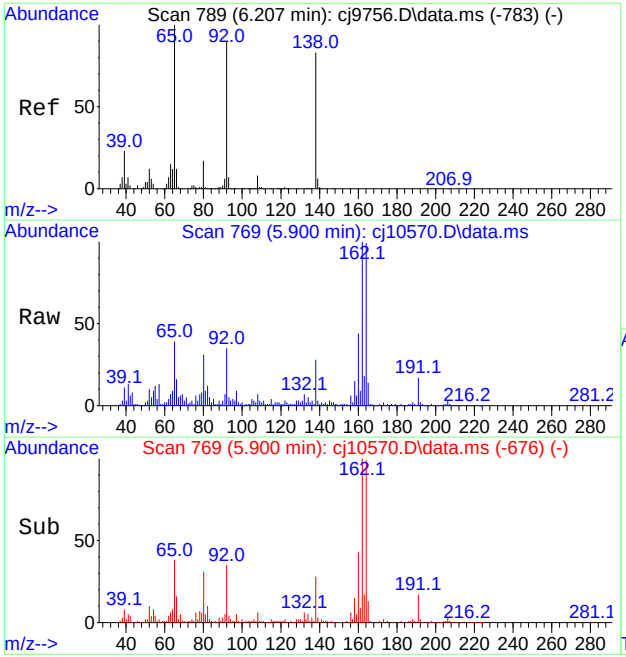


#57
2,6-Dinitrotoluene
Concen: 37.4886 ppm
RT: 5.772 min Scan# 745
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:165 Resp: 52037

Ion	Ratio	Lower	Upper
165	100		
89	59.3	29.3	89.3
121	22.8	0.0	52.4

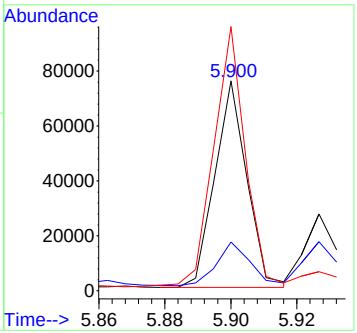


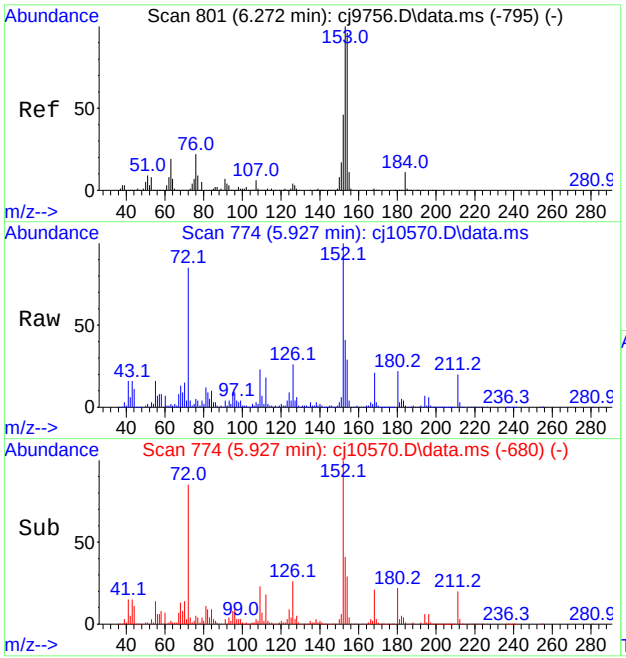


#58
3-Nitroaniline
Concen: 29.9610 ppm
RT: 5.900 min Scan# 769
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:138 Resp: 50666

Ion	Ratio	Lower	Upper
138	100		
108	20.6	0.0	47.1
92	126.6	89.1	149.1

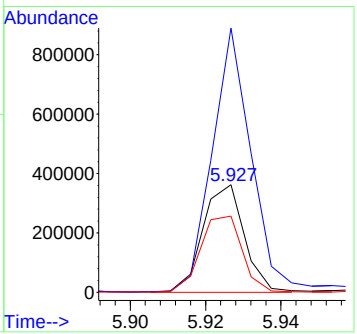


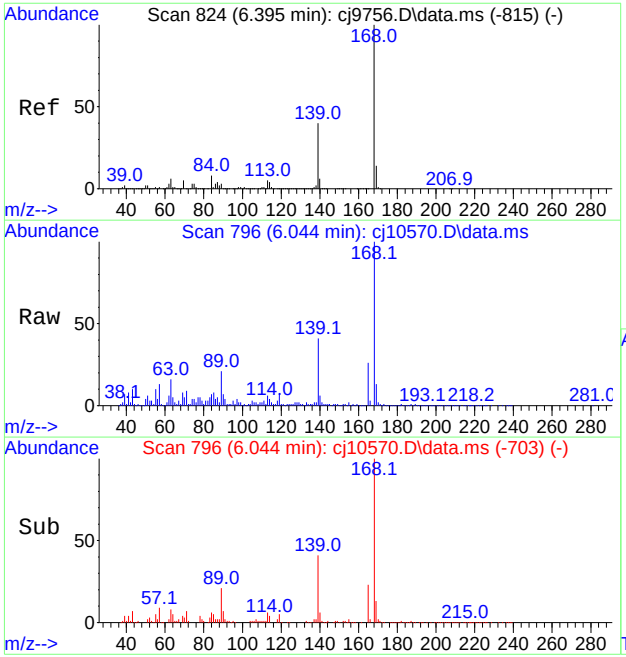


#59
Acenaphthene
Concen: 43.6923 ppm m
RT: 5.927 min Scan# 774
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:153 Resp: 278838

Ion	Ratio	Lower	Upper
153	100		
152	245.6	17.2	77.2#
154	70.8	49.3	109.3

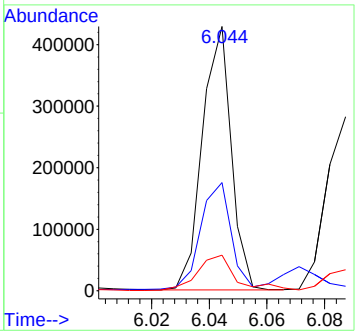


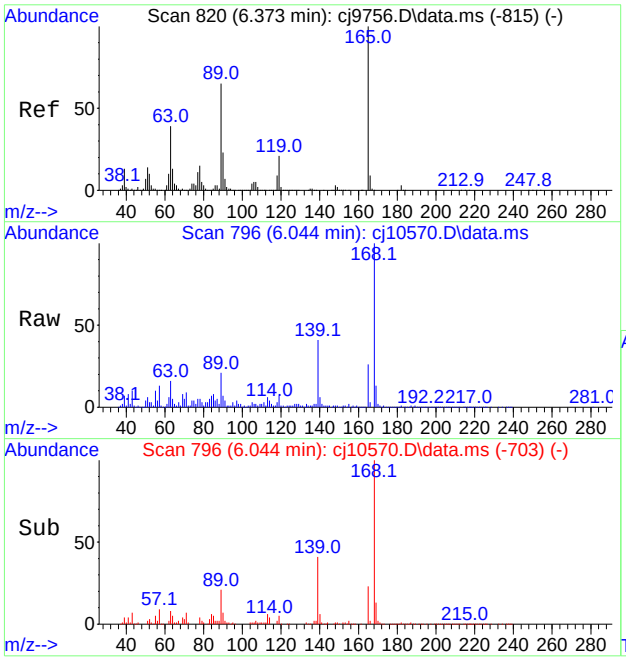


#62
Dibenzofuran
Concen: 34.7013 ppm
RT: 6.044 min Scan# 796
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:168 Resp: 297371

Ion	Ratio	Lower	Upper
168	100		
139	37.7	21.8	81.8
169	12.9	0.0	42.4

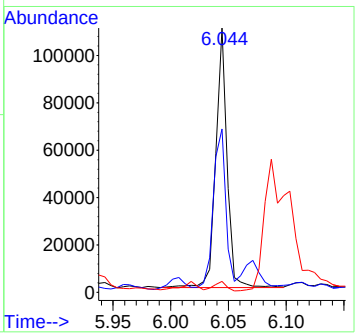


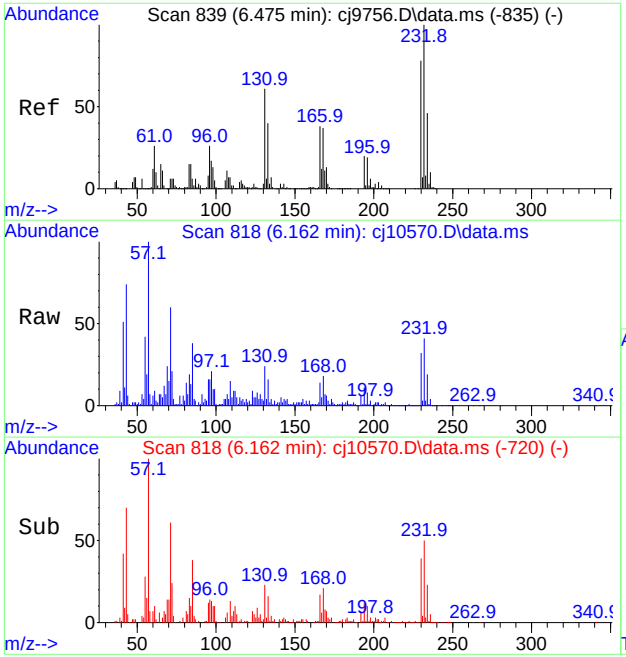


#63
2,4-Dinitrotoluene
Concen: 38.9582 ppm
RT: 6.044 min Scan# 796
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:165 Resp: 75178

Ion	Ratio	Lower	Upper
165	100		
63	60.8	36.6	96.6
182	0.0	0.0	33.0

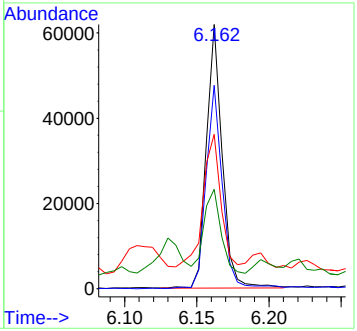


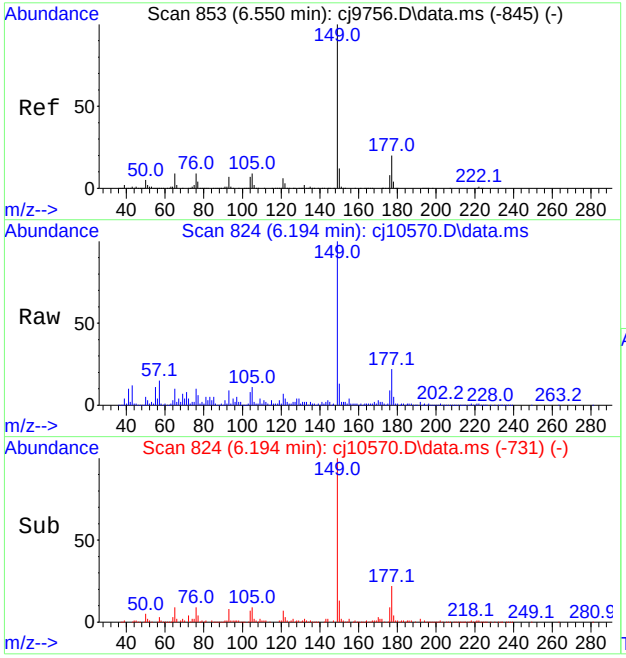


#64
2,3,4,6-Tetrachlorophenol
Concen: 30.2749 ppm
RT: 6.162 min Scan# 818
Delta R.T. 0.026 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:232 Resp: 47272

Ion	Ratio	Lower	Upper
232	100		
230	77.1	49.8	109.8
131	48.2	33.5	93.5
133	27.3	10.6	70.6

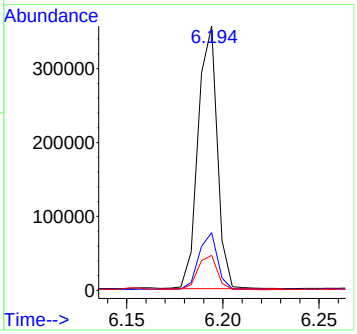


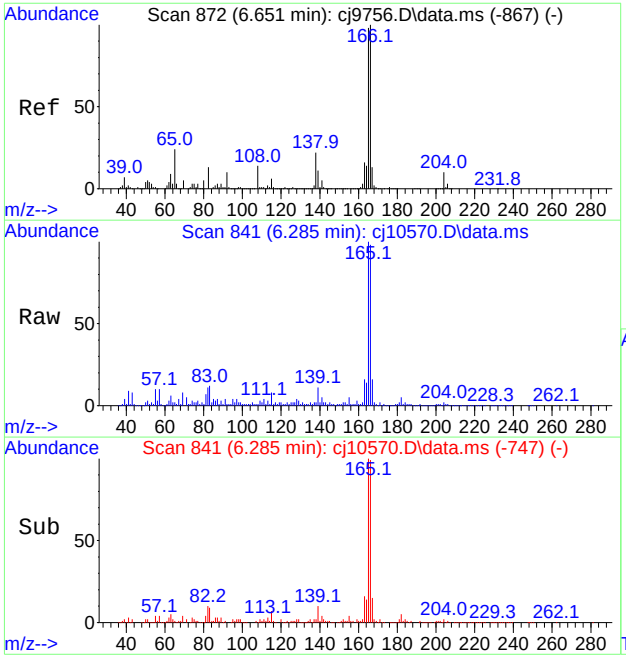


#65
Diethylphthalate
Concen: 33.5759 ppm
RT: 6.194 min Scan# 824
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:149 Resp: 247503

Ion	Ratio	Lower	Upper
149	100		
177	21.6	0.0	50.4
150	13.0	0.0	42.1

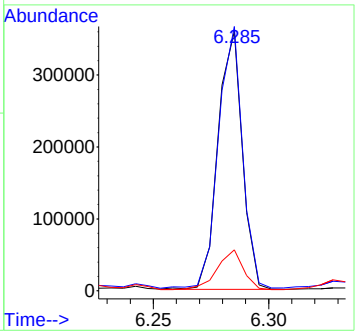


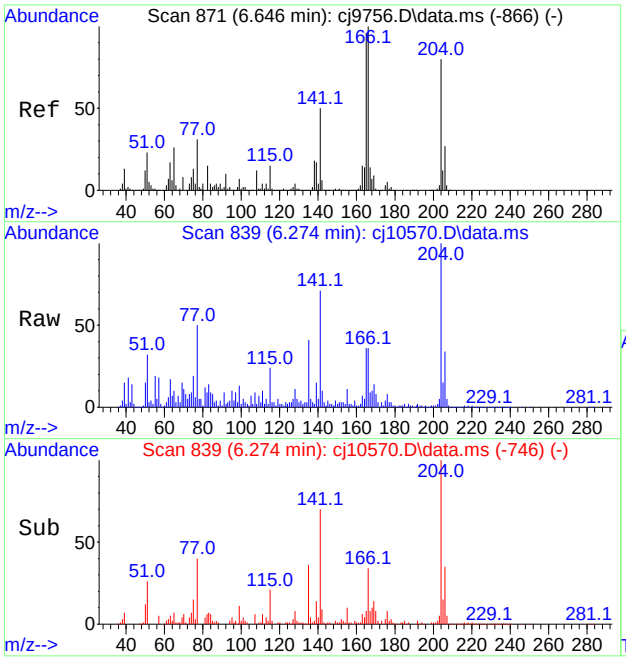


#66
Fluorene
Concen: 38.4737 ppm
RT: 6.285 min Scan# 841
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:166 Resp: 263515

Ion	Ratio	Lower	Upper
166	100		
165	101.5	70.0	130.0
167	15.4	0.0	44.0

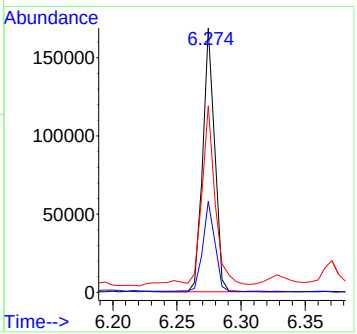


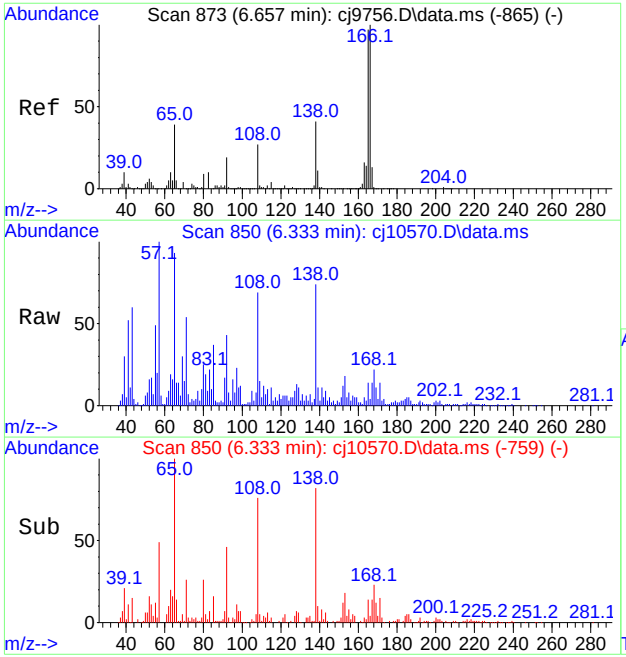


#67
4-Chlorophenyl-phenylether
Concen: 35.6374 ppm
RT: 6.274 min Scan# 839
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:204 Resp: 109477

Ion	Ratio	Lower	Upper
204	100		
206	34.1	3.2	63.2
141	66.1	38.1	98.1

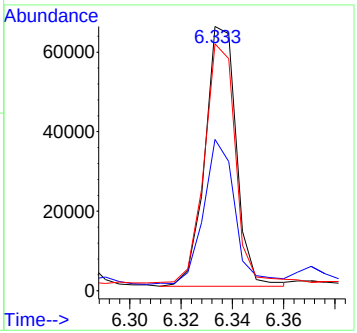


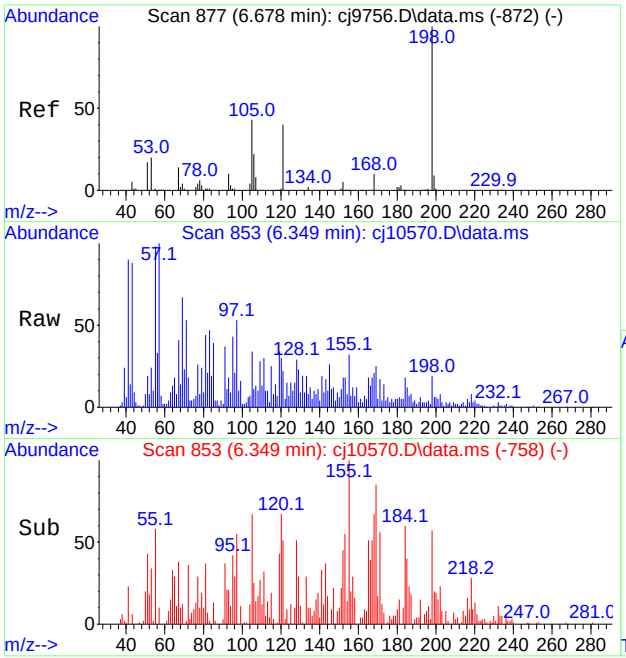


#68
4-Nitroaniline
Concen: 31.3971 ppm
RT: 6.333 min Scan# 850
Delta R.T. -0.011 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:138 Resp: 55541

Ion	Ratio	Lower	Upper
138	100		
92	54.9	18.8	78.8
108	91.9	57.9	117.9

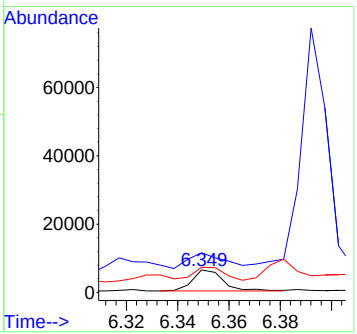


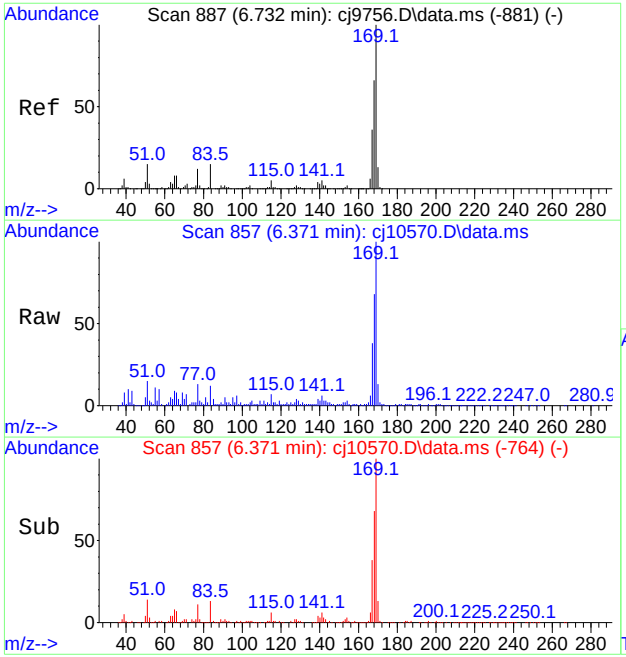


#70
4,6-Dinitro-2-methylphenol
Concen: 6.4715 ppm
RT: 6.349 min Scan# 853
Delta R.T. 0.010 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:198 Resp: 5233

Ion	Ratio	Lower	Upper
198	100		
105	46.0	15.4	75.4
121	0.0	15.6	75.6#

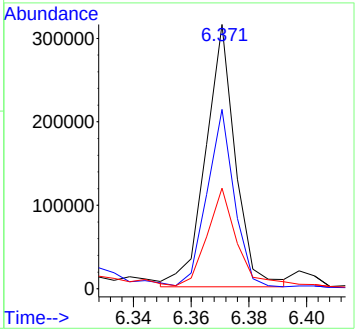


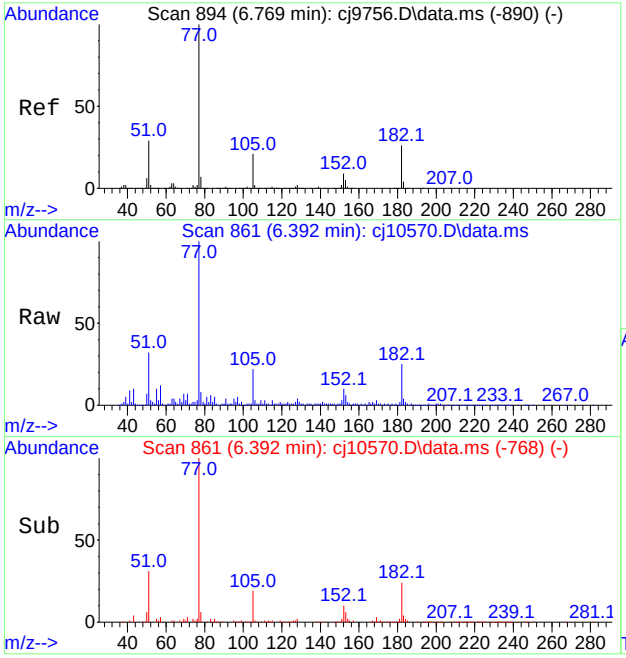


#71
n-Nitrosodiphenylamine
Concen: 37.9508 ppm
RT: 6.371 min Scan# 857
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:169 Resp: 225401

Ion	Ratio	Lower	Upper
169	100		
168	68.5	38.6	98.6
167	36.9	7.2	67.2

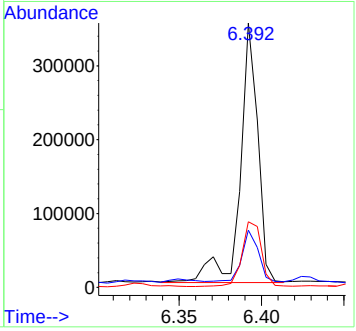


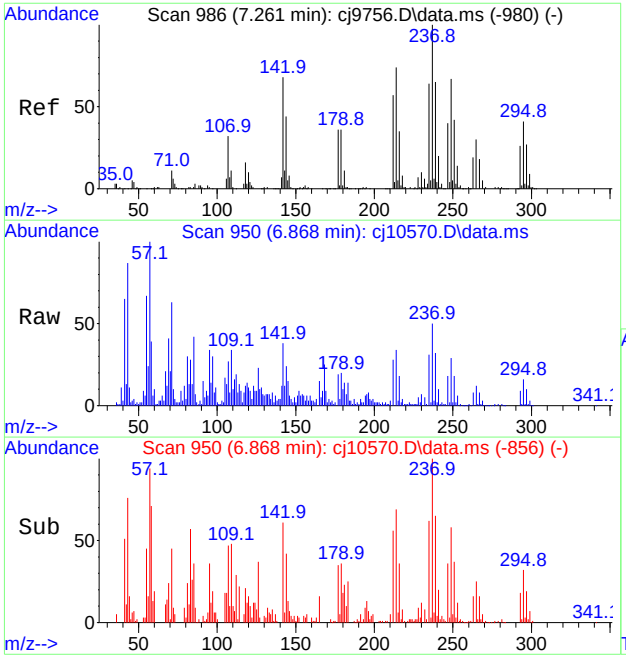


#72
1,2-Diphenylhydrazine
Concen: 36.2880 ppm
RT: 6.392 min Scan# 861
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 77 Resp: 262727

Ion	Ratio	Lower	Upper
77	100		
105	20.0	0.0	49.4
182	24.8	0.0	52.0

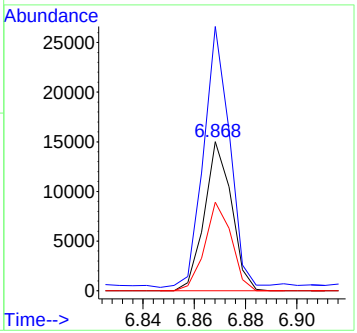


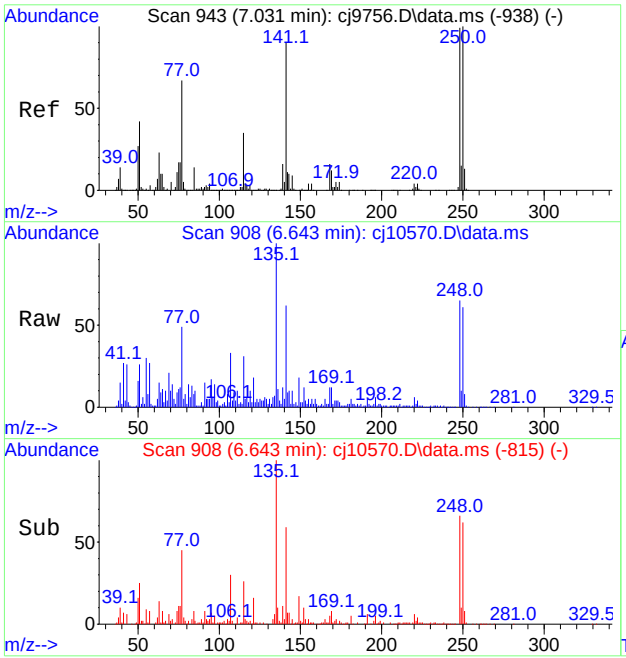


#73
pentachloronitrobenzene
Concen: 37.5138 ppm
RT: 6.868 min Scan# 950
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:295 Resp: 11069

Ion	Ratio	Lower	Upper
295	100		
249	167.3	140.9	211.3
297	58.3	50.8	76.2

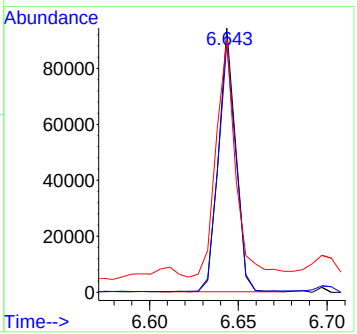


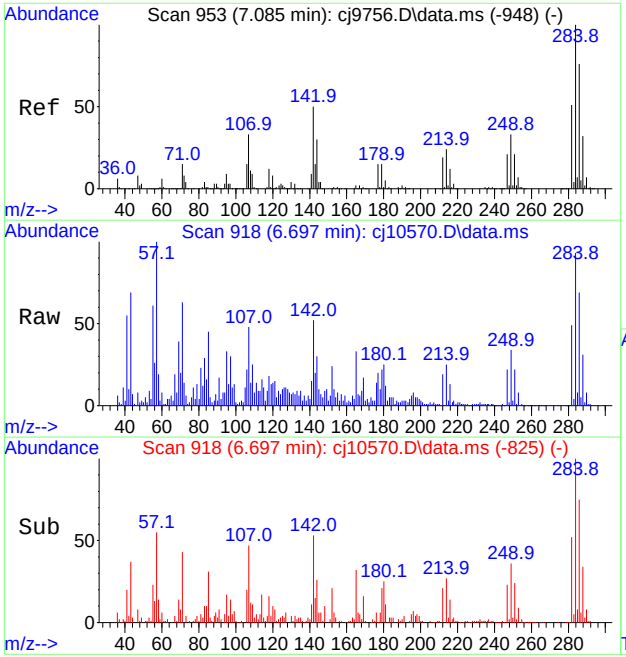


#75
4-Bromophenyl-phenylether
Concen: 36.5520 ppm
RT: 6.643 min Scan# 908
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:248 Resp: 63243

Ion	Ratio	Lower	Upper
248	100		
250	93.9	67.5	127.5
141	87.3	52.3	112.3

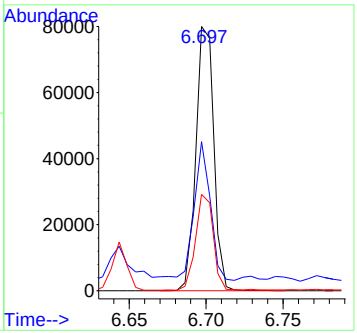


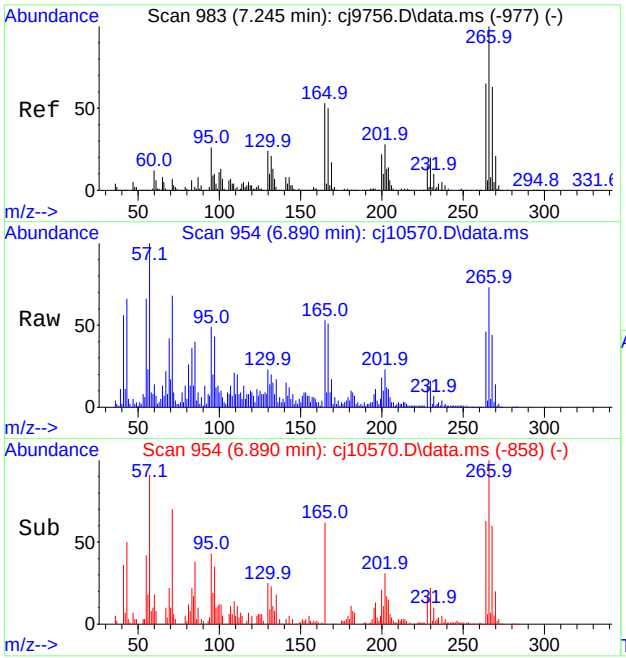


#76
Hexachlorobenzene
Concen: 35.1237 ppm
RT: 6.697 min Scan# 918
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:284 Resp: 64931

Ion	Ratio	Lower	Upper
284	100		
142	51.1	6.9	66.9
249	36.1	2.7	62.7

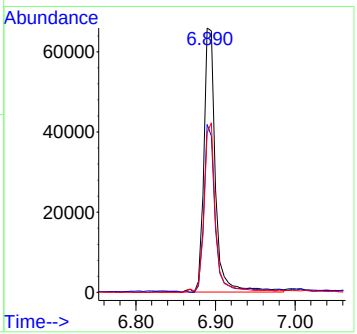


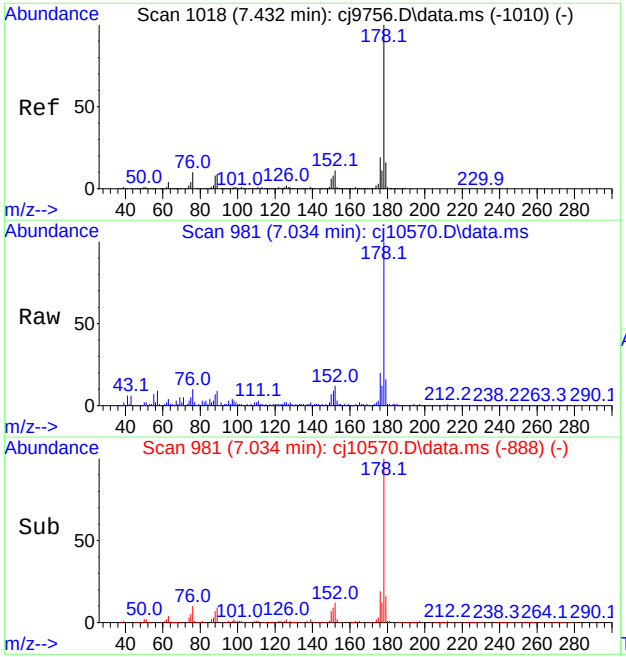


#77
Pentachlorophenol
Concen: 55.0785 ppm
RT: 6.890 min Scan# 954
Delta R.T. 0.016 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:266 Resp: 67251

Ion	Ratio	Lower	Upper
266	100		
264	63.1	36.3	96.3
268	60.3	35.6	95.6

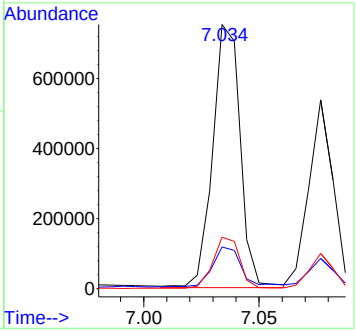


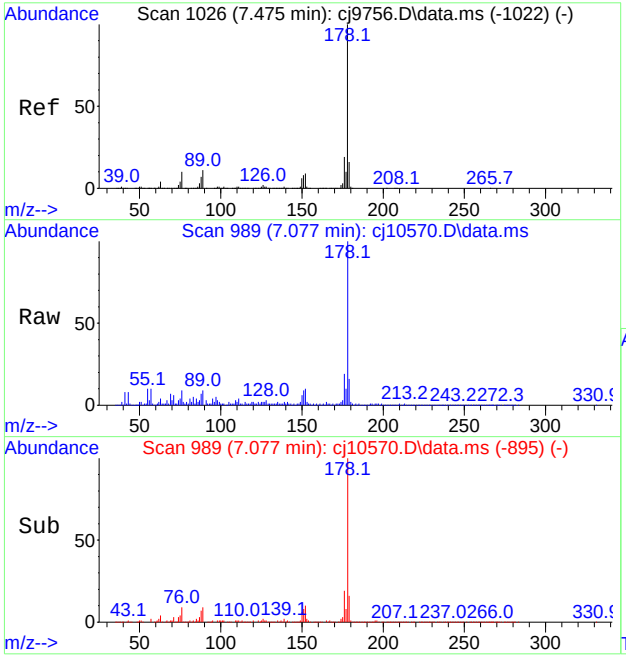


#78
Phenanthrene
Concen: 60.6156 ppm
RT: 7.034 min Scan# 981
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:178 Resp: 623804

Ion	Ratio	Lower	Upper
178	100		
179	14.8	0.0	45.5
176	19.5	0.0	49.9

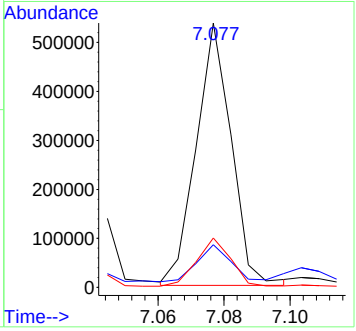


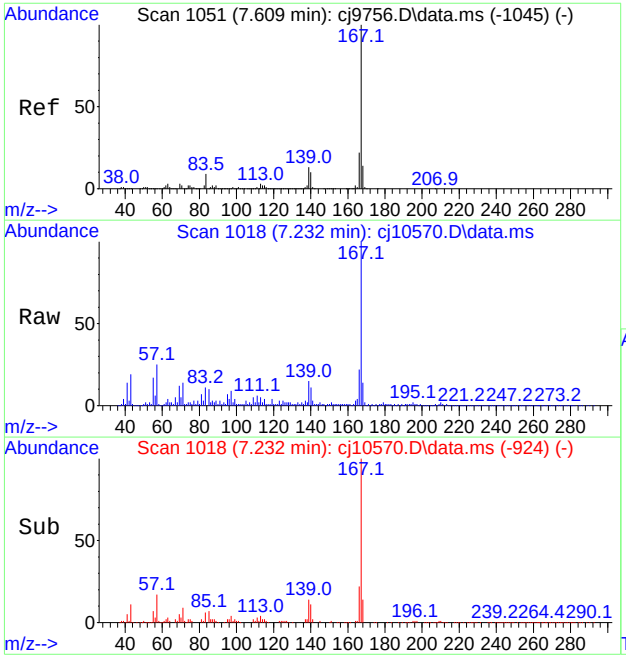


#79
Anthracene
Concen: 38.6176 ppm
RT: 7.077 min Scan# 989
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:178 Resp: 396571

Ion	Ratio	Lower	Upper
178	100		
179	12.7	0.0	45.8
176	18.6	0.0	48.7

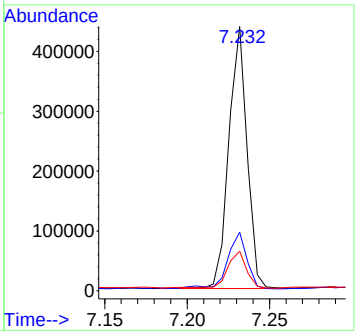


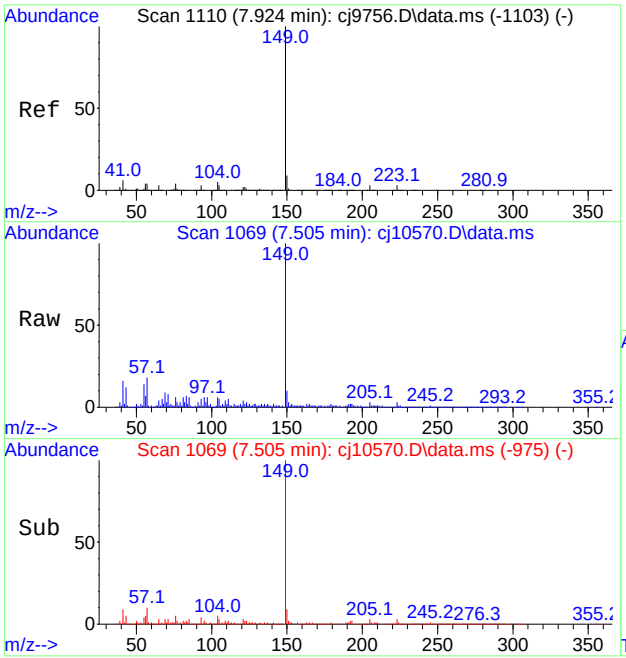


#80
Carbazole
Concen: 33.7115 ppm
RT: 7.232 min Scan# 1018
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:167 Resp: 336664

Ion	Ratio	Lower	Upper
167	100		
166	21.4	0.0	51.8
139	13.9	0.0	44.2

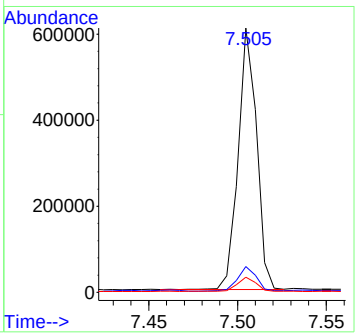


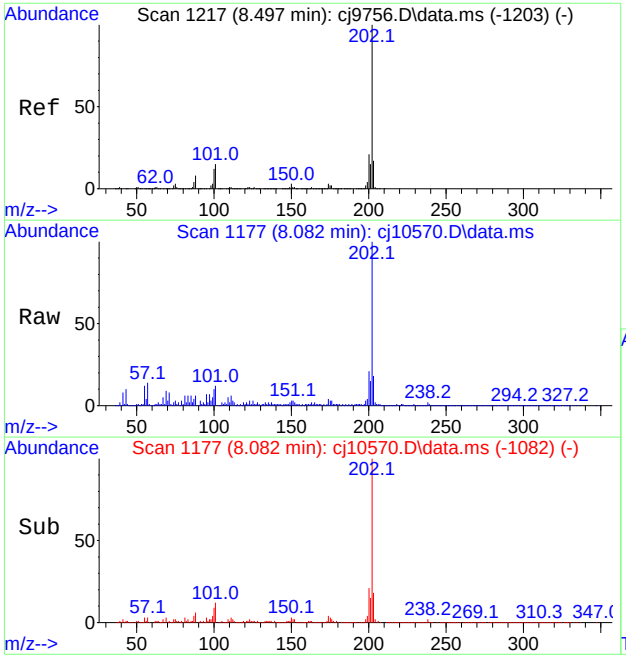


#81
Di-n-butylphthalate
Concen: 35.3027 ppm
RT: 7.505 min Scan# 1069
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:149 Resp: 438339

Ion	Ratio	Lower	Upper
149	100		
150	9.2	0.0	39.1
104	5.3	0.0	35.0

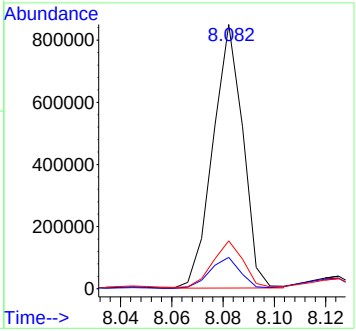


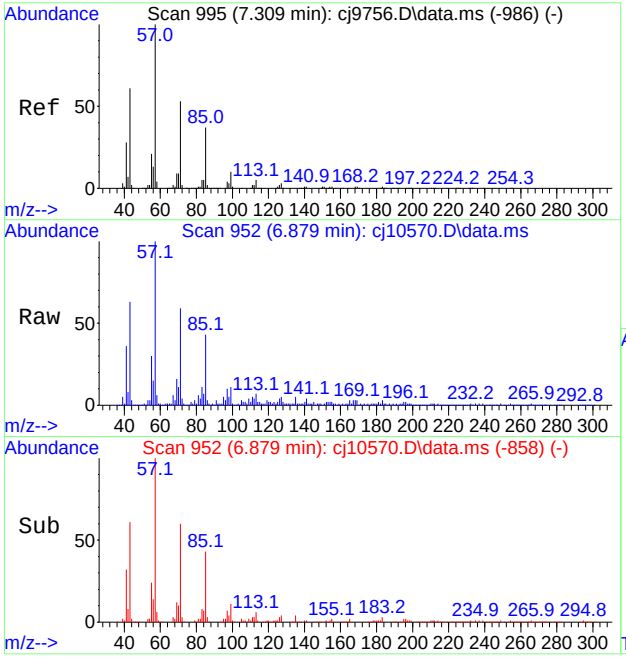


#82
Fluoranthene
Concen: 64.8268 ppm
RT: 8.082 min Scan# 1177
Delta R.T. 0.010 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:202 Resp: 690023

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	41.2
203	17.5	0.0	46.8

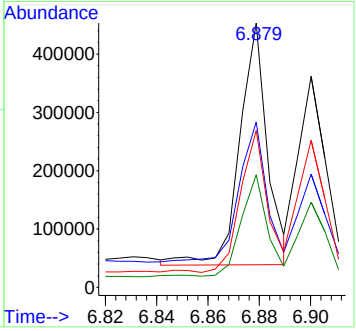


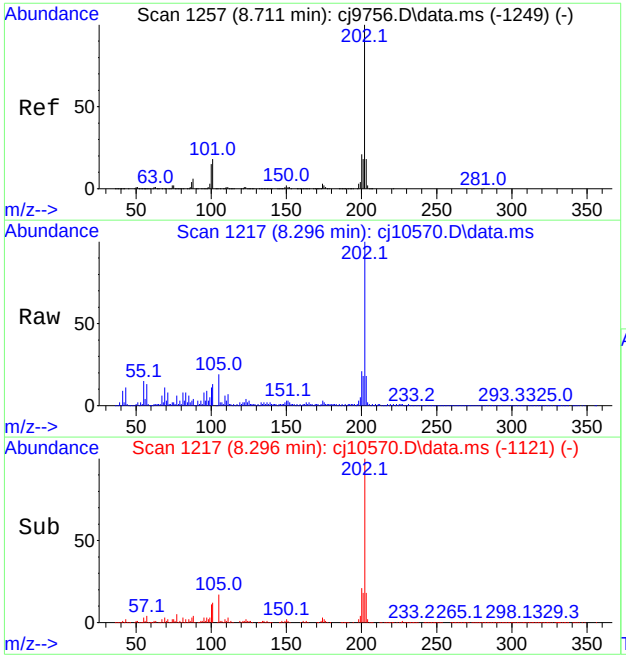


#83
Octadecane
Concen: 54.2575 ppm
RT: 6.879 min Scan# 952
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 57 Resp: 312000

Ion	Ratio	Lower	Upper
57	100		
43	60.2	32.3	92.3
71	58.6	34.9	94.9
85	42.9	15.7	75.7

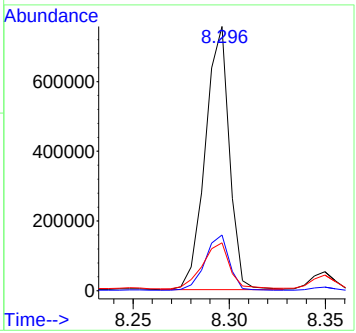


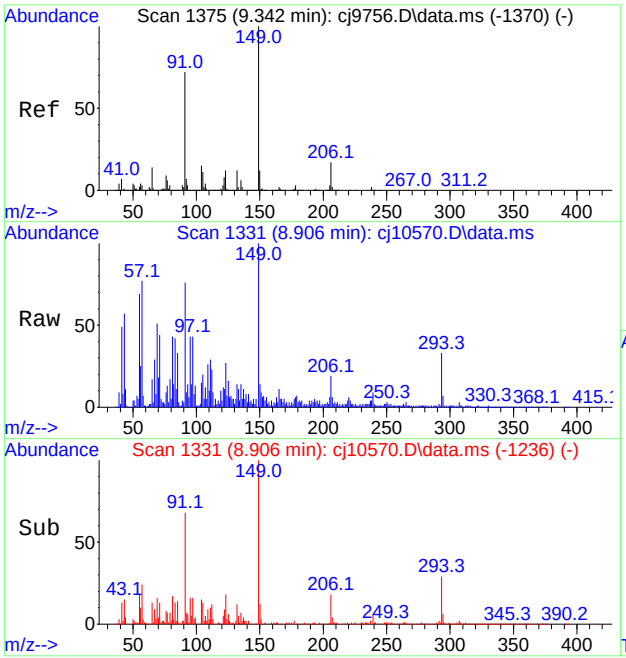


#86
Pyrene
Concen: 54.5916 ppm
RT: 8.296 min Scan# 1217
Delta R.T. 0.016 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:202 Resp: 657042

Ion	Ratio	Lower	Upper
202	100		
200	21.0	0.0	50.8
203	17.4	0.0	47.0

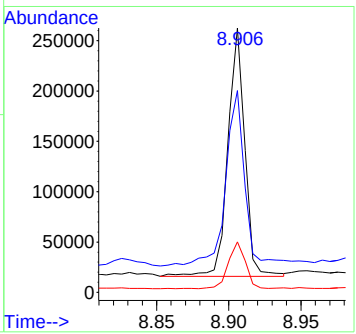


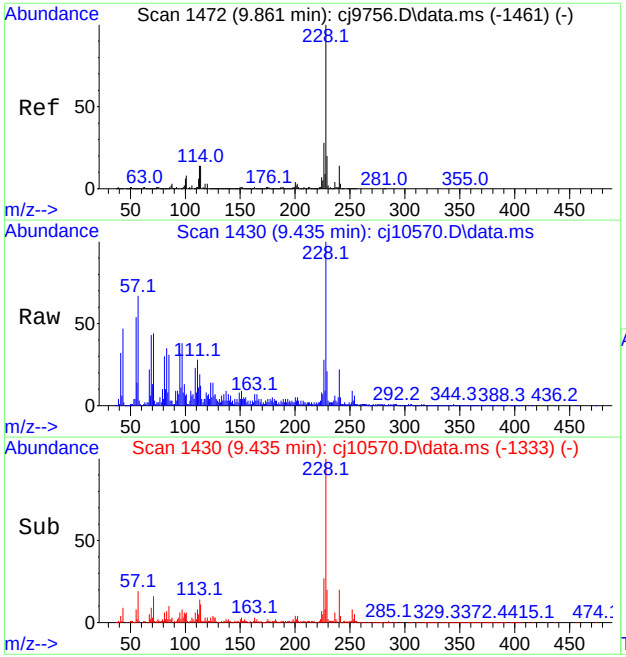


#88
Butylbenzylphthalate
Concen: 35.9984 ppm
RT: 8.906 min Scan# 1331
Delta R.T. 0.010 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:149 Resp: 201788

Ion	Ratio	Lower	Upper
149	100		
91	69.8	39.2	99.2
206	18.8	0.0	49.0

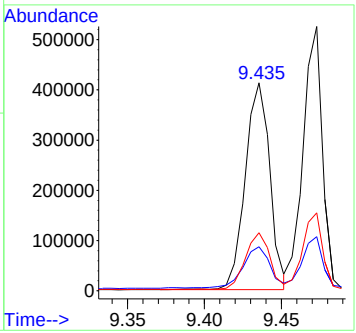


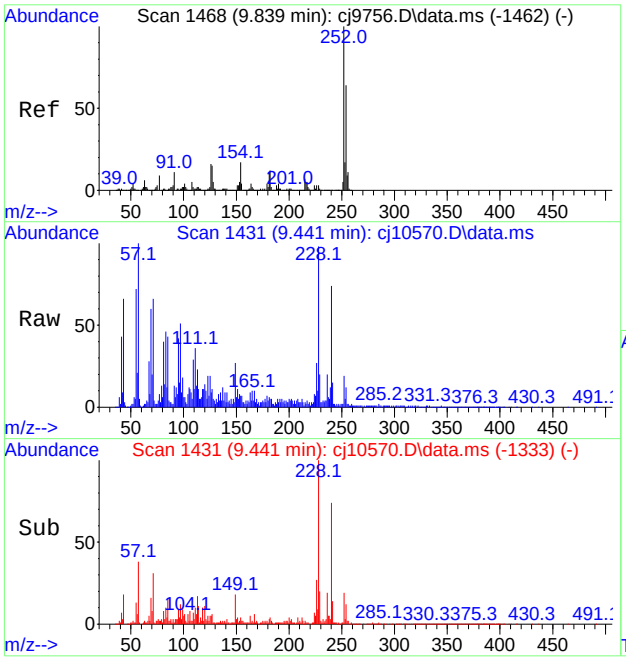


#89
Benzo[a]anthracene
Concen: 41.6031 ppm
RT: 9.435 min Scan# 1430
Delta R.T. 0.021 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:228 Resp: 459267

Ion	Ratio	Lower	Upper
228	100		
229	19.5	0.0	48.6
226	27.2	0.0	57.2

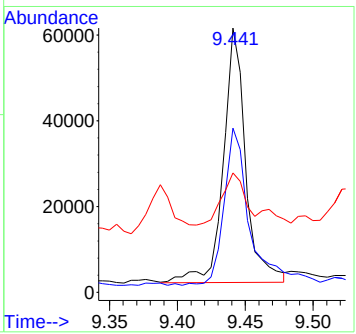


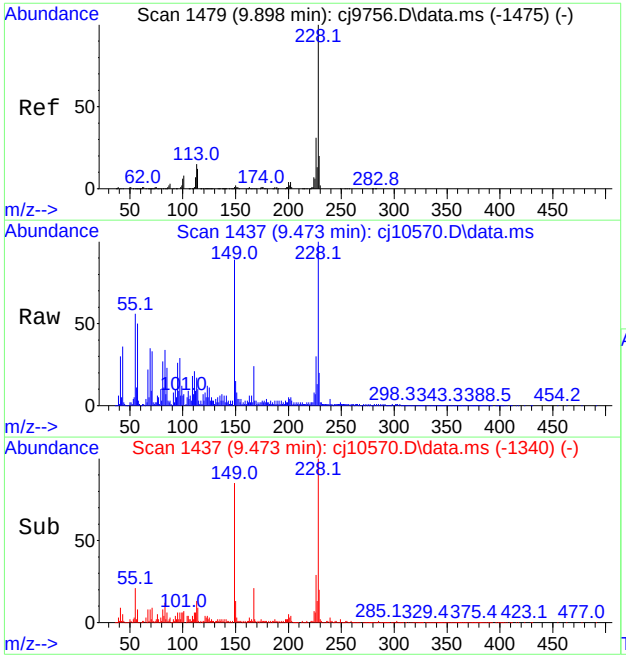


#90
3,3'-Dichlorobenzidine
Concen: 17.1832 ppm
RT: 9.441 min Scan# 1431
Delta R.T. 0.026 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:252 Resp: 67760

Ion	Ratio	Lower	Upper
252	100		
254	59.9	35.9	95.9
126	11.6	0.0	45.0

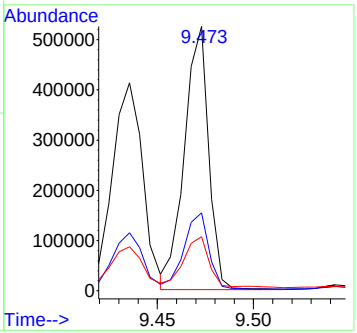


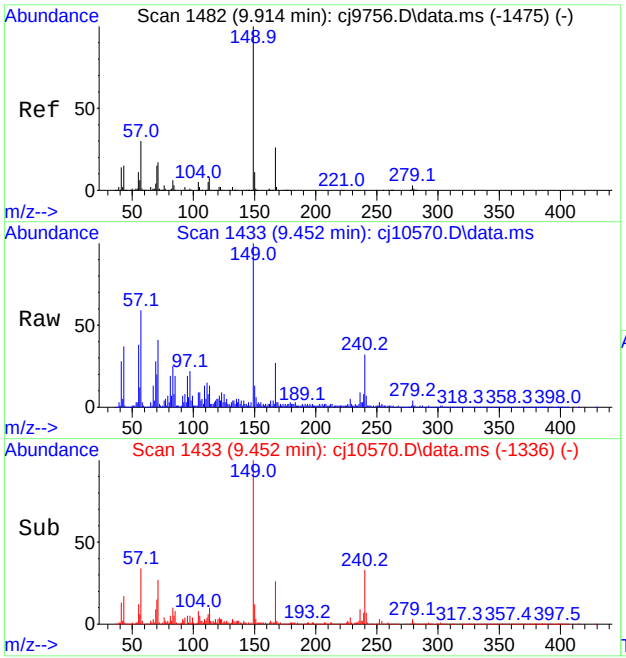


#91
Chrysene
Concen: 44.4250 ppm
RT: 9.473 min Scan# 1437
Delta R.T. 0.021 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:228 Resp: 459282

Ion	Ratio	Lower	Upper
228	100		
226	28.9	0.0	59.6
229	19.1	0.0	49.1

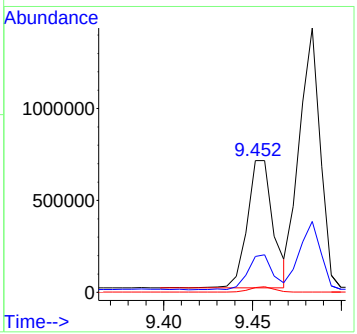


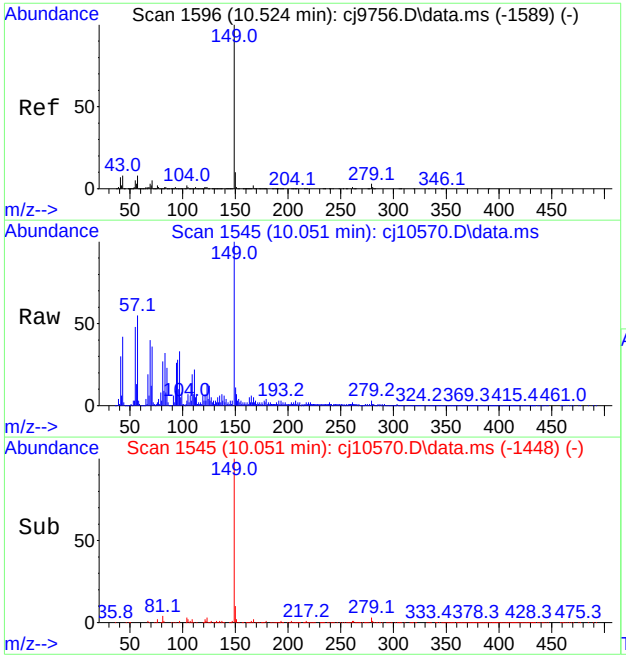


#92
bis(2-Ethylhexyl)phthalate
Concen: 84.0772 ppm
RT: 9.452 min Scan# 1433
Delta R.T. 0.021 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:149 Resp: 707089

Ion	Ratio	Lower	Upper
149	100		
167	26.2	0.0	55.1
279	3.6	0.0	33.1

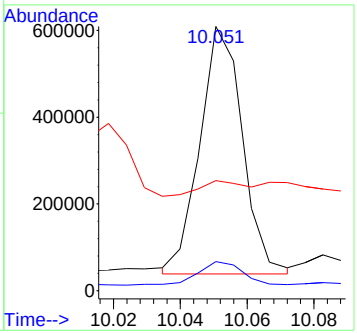


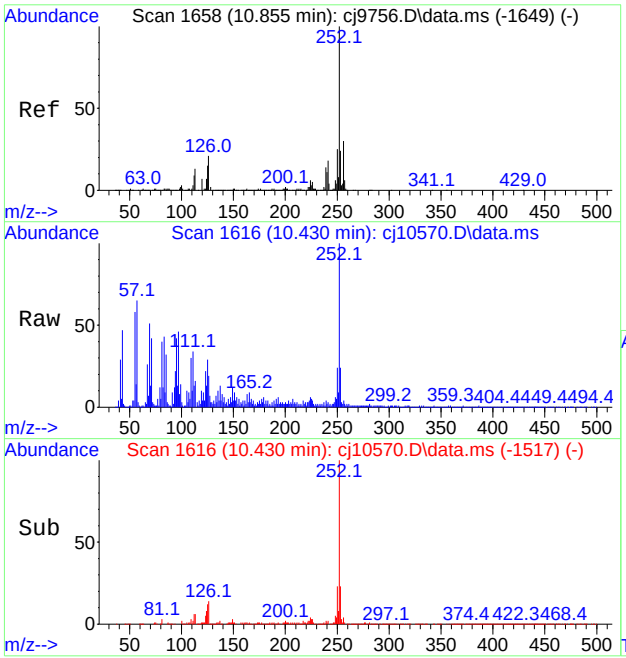


#94
Di-n-octylphthalate
Concen: 35.0519 ppm m
RT: 10.051 min Scan# 1545
Delta R.T. 0.021 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:149 Resp: 505535

Ion	Ratio	Lower	Upper
149	100		
150	11.0	0.0	39.8
43	41.6	0.0	37.8#

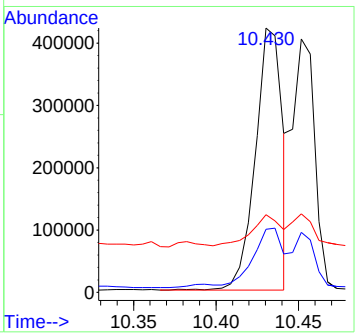


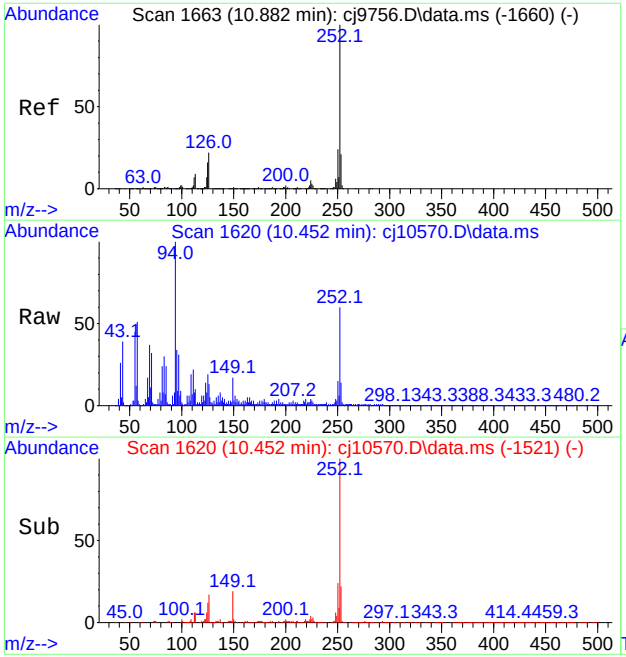


#95
Benzo[b]fluoranthene
Concen: 44.6097 ppm
RT: 10.430 min Scan# 1616
Delta R.T. 0.032 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:252 Resp: 478188

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	51.8
125	12.8	0.0	39.5

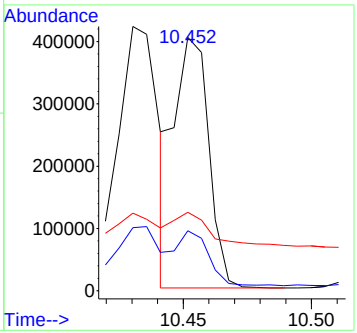


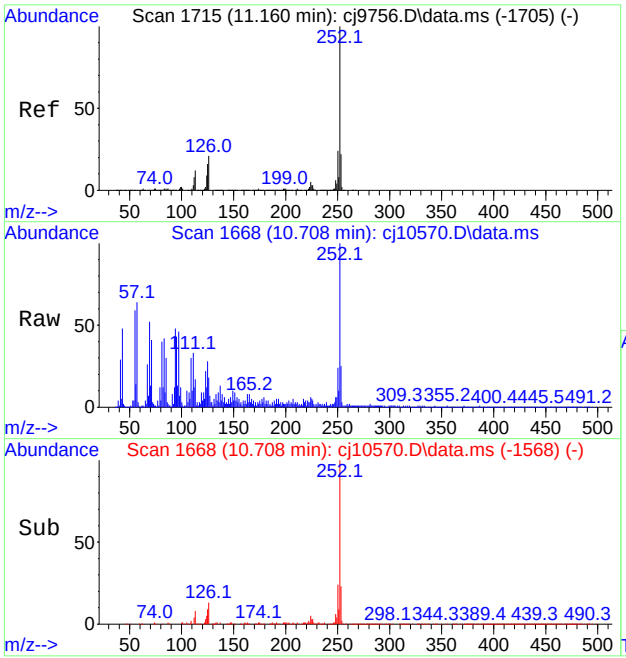


#96
Benzo[k]fluoranthene
Concen: 38.9169 ppm
RT: 10.452 min Scan# 1620
Delta R.T. 0.032 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:252 Resp: 373100

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	52.1
125	14.1	0.0	40.6

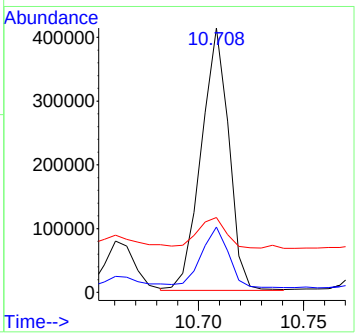


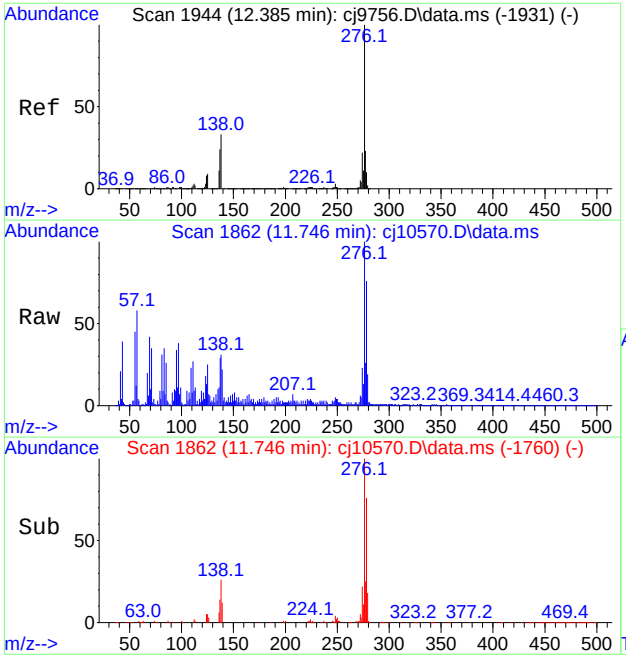


#97
Benzo[a]pyrene
Concen: 42.8865 ppm
RT: 10.708 min Scan# 1668
Delta R.T. 0.037 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:252 Resp: 377160

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	50.9
125	11.1	0.0	41.7

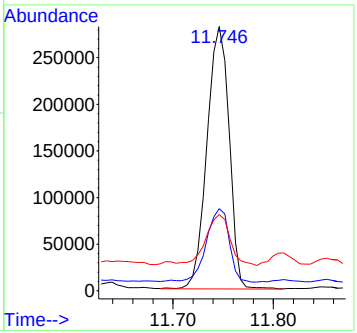


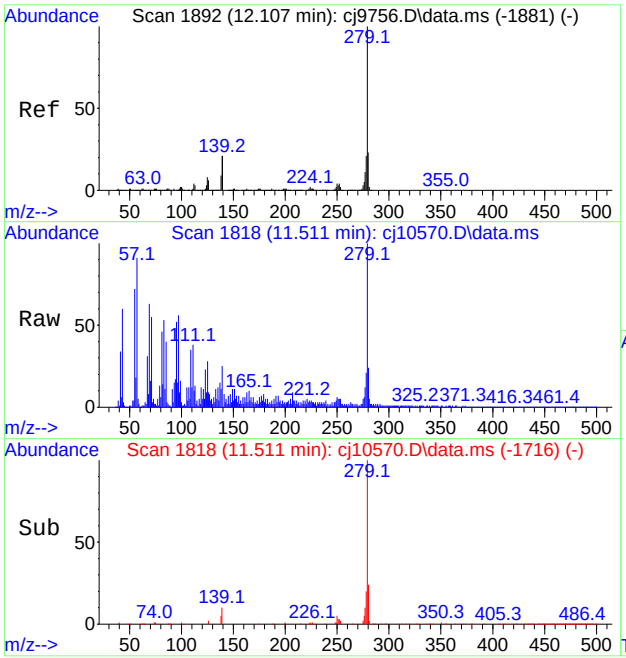


#98
Indeno[1,2,3-cd]pyrene
Concen: 39.2570 ppm
RT: 11.746 min Scan# 1862
Delta R.T. 0.048 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:276 Resp: 432374

Ion	Ratio	Lower	Upper
276	100		
138	27.4	0.9	60.9
137	16.7	0.0	51.0

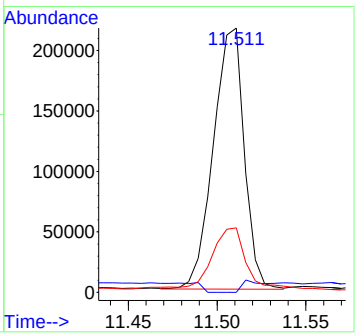


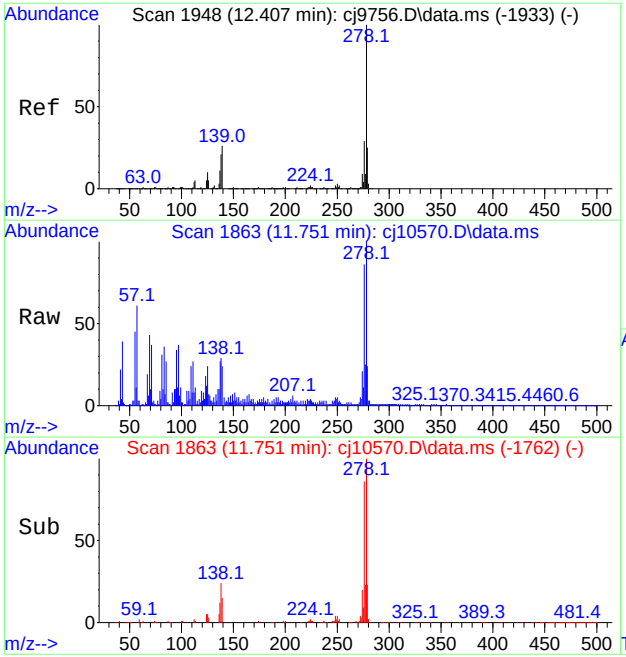


#99
Dibenz(a,h)acridine
Concen: 35.2143 ppm
RT: 11.511 min Scan# 1818
Delta R.T. 0.048 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:279 Resp: 261218

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.6	0.0	51.9

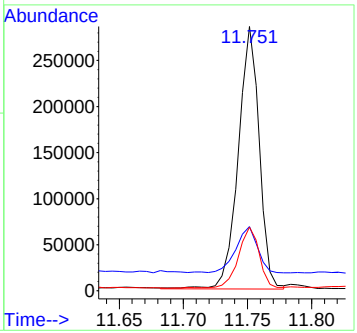


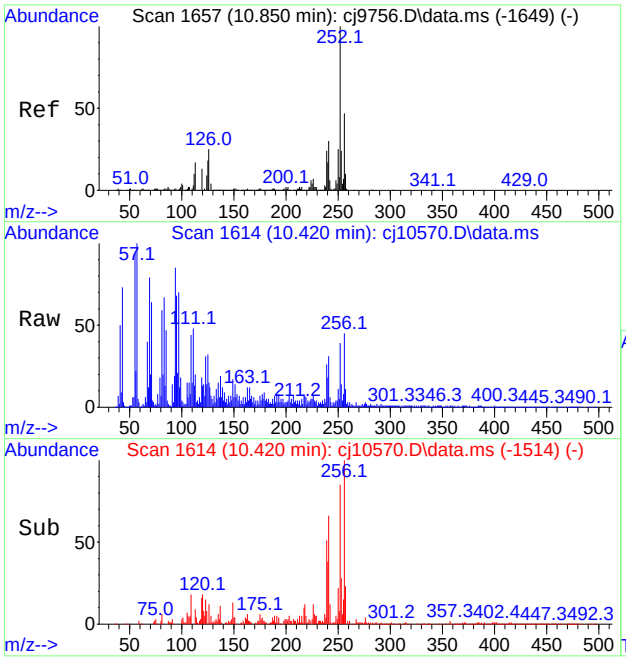


#100
Dibenz[a,h]anthracene
Concen: 36.9894 ppm
RT: 11.751 min Scan# 1863
Delta R.T. 0.042 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:278 Resp: 324569

Ion	Ratio	Lower	Upper
278	100		
139	17.4	0.0	48.3
279	23.2	0.0	53.3

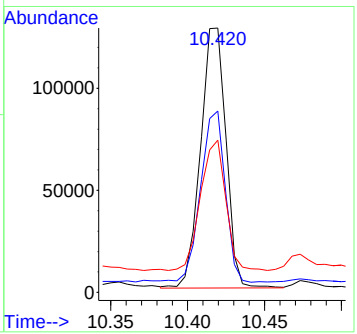


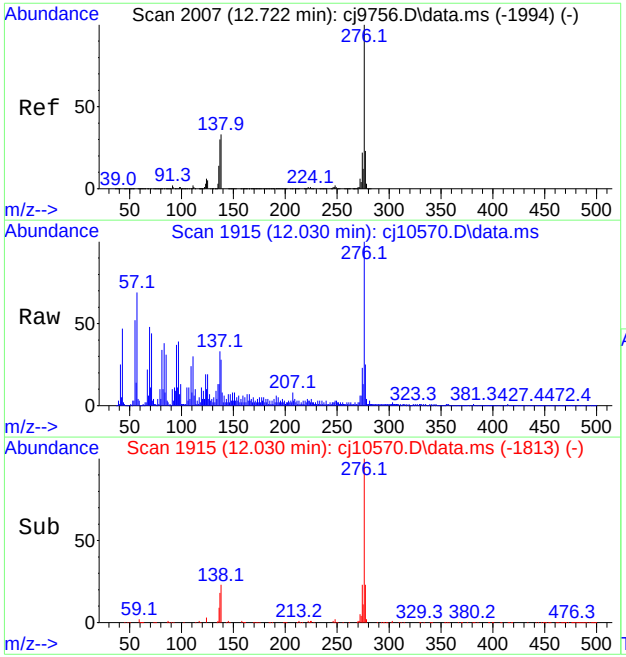


#101
7,12-Dimethylbenz(a)anthracene
Concen: 40.6527 ppm
RT: 10.420 min Scan# 1614
Delta R.T. 0.037 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:256 Resp: 146826

Ion	Ratio	Lower	Upper
256	100		
241	65.6	32.5	92.5
239	49.3	20.1	80.1

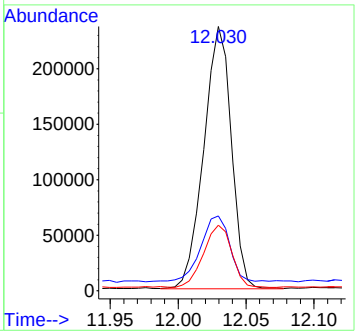


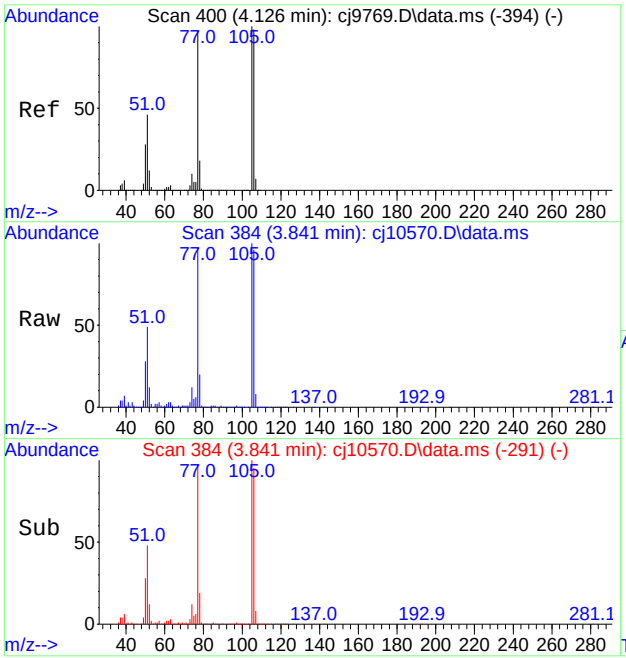


#102
Benzo[g,h,i]perylene
Concen: 39.0549 ppm
RT: 12.030 min Scan# 1915
Delta R.T. 0.048 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:276 Resp: 333224

Ion	Ratio	Lower	Upper
276	100		
138	24.8	0.0	56.8
277	23.5	0.0	53.4

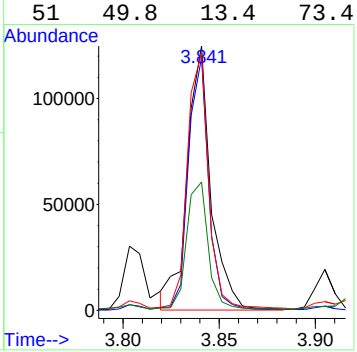


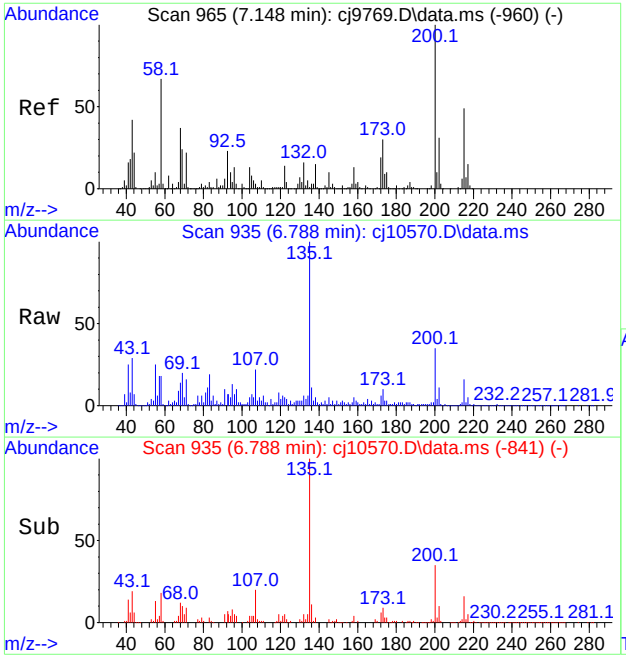


#104
Benzaldehyde
Concen: 37.0921 ppm
RT: 3.841 min Scan# 384
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:105 Resp: 107574

Ion	Ratio	Lower	Upper
105	100		
106	98.6	64.7	124.7
77	100.0	64.8	124.8
51	49.8	13.4	73.4

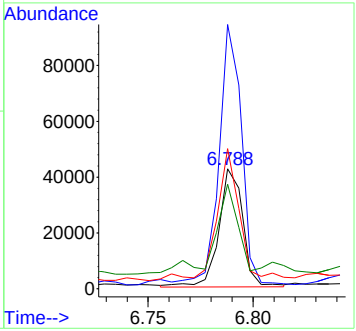


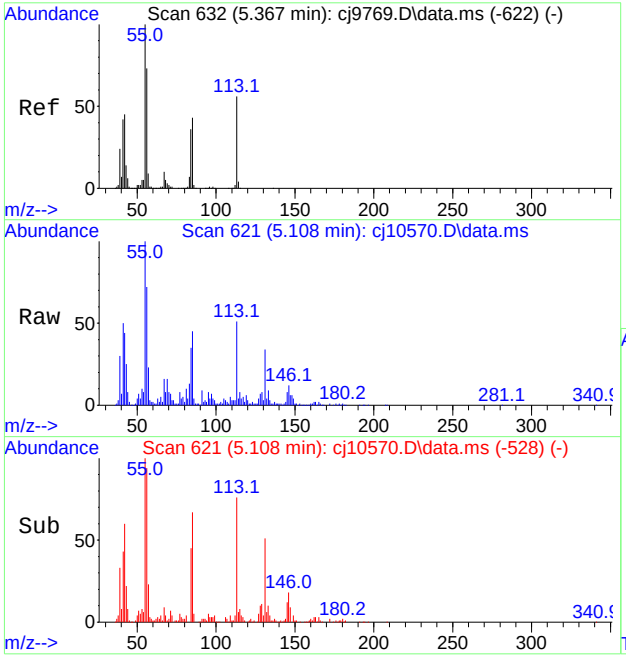


#106
Atrazine
Concen: 36.9550 ppm
RT: 6.788 min Scan# 935
Delta R.T. 0.005 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion:215 Resp: 33858

Ion	Ratio	Lower	Upper
215	100		
200	221.3	184.8	244.8
58	111.4	62.3	122.3
68	72.9	30.0	90.0

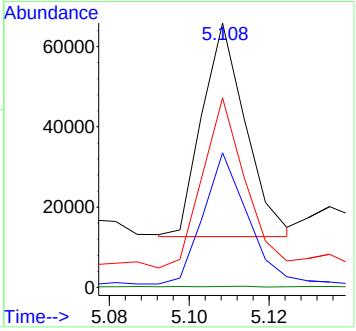




#108
Caprolactam
Concen: 25.6252 ppm m
RT: 5.108 min Scan# 621
Delta R.T. -0.000 min
Lab File: cj10570.D
Acq: 27 Jan 2025 11:14 pm

Tgt Ion: 55 Resp: 40146

Ion	Ratio	Lower	Upper
55	100		
113	50.9	29.2	89.2
56	71.7	47.1	107.1
48	0.4	0.0	30.1



Manual Integration Approval Summary

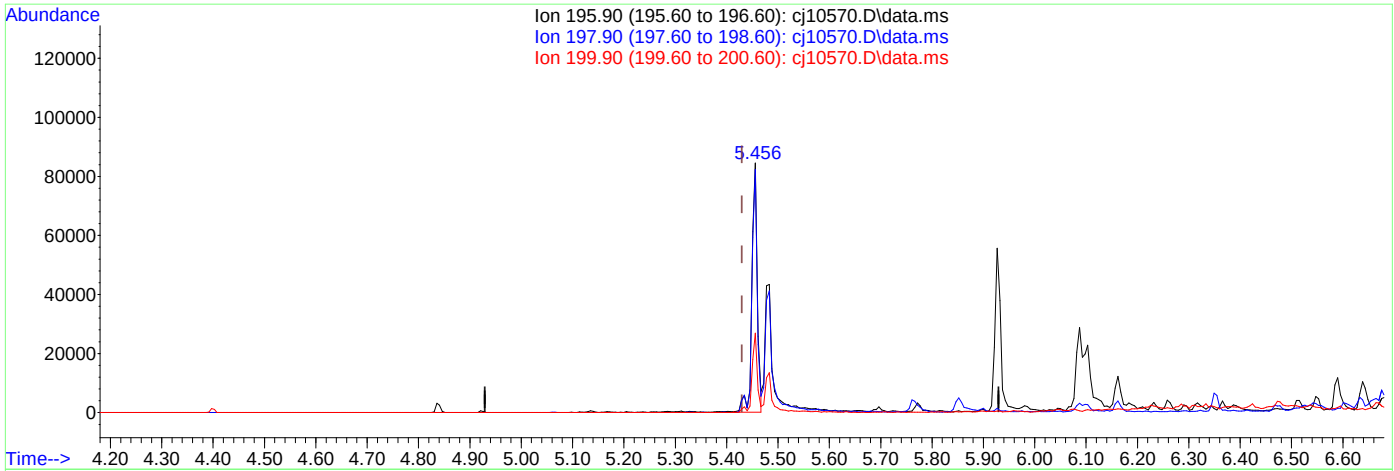
Sample Number: OP61130-MS
Lab FileID: CJ10570.D
Injection Time: 01/27/25 23:14
Method: SW846 8270E
Analyst approved: 01/28/25 11:14 Daniela Suarez
Supervisor approved: 01/28/25 13:34 Ying Li

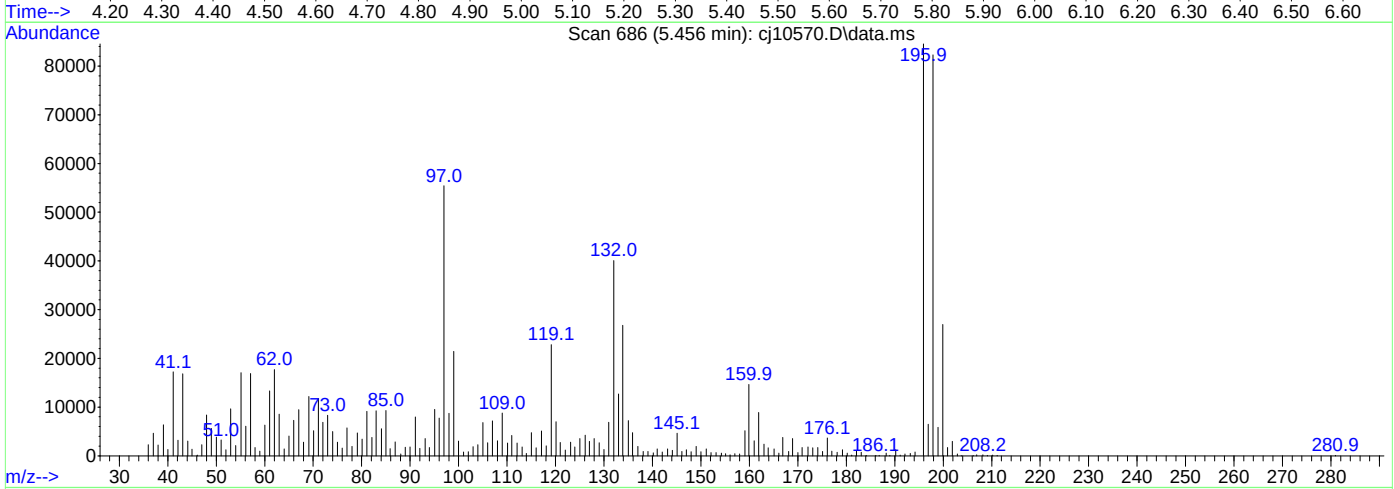
Parameter	CAS	Sig#	R.T. (min.)	Reason
Caprolactam	105-60-2		5.11	Split peak
2,4,6-Trichlorophenol	88-06-2		5.43	Split peak
Acenaphthene	83-32-9		5.93	Split peak
Di-n-octyl phthalate	117-84-0		10.05	Split peak

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10570.D
Acq On : 27 Jan 2025 11:14 pm
Operator : anthonyo
Sample : op61130-ms Inst : GCMSCJ
Misc : op61130,ecj451,16.6,,,1,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 04:34:03 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10570.D\data.ms

(49) 2,4,6-Trichlorophenol (t)

5.456min (+0.026) 32.39ppm

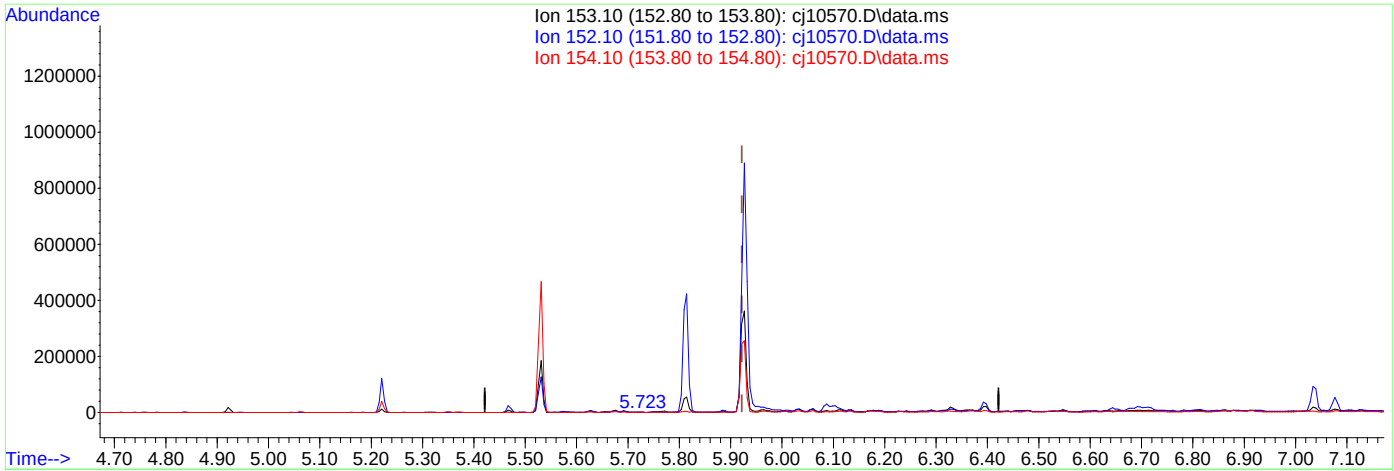
response 63452

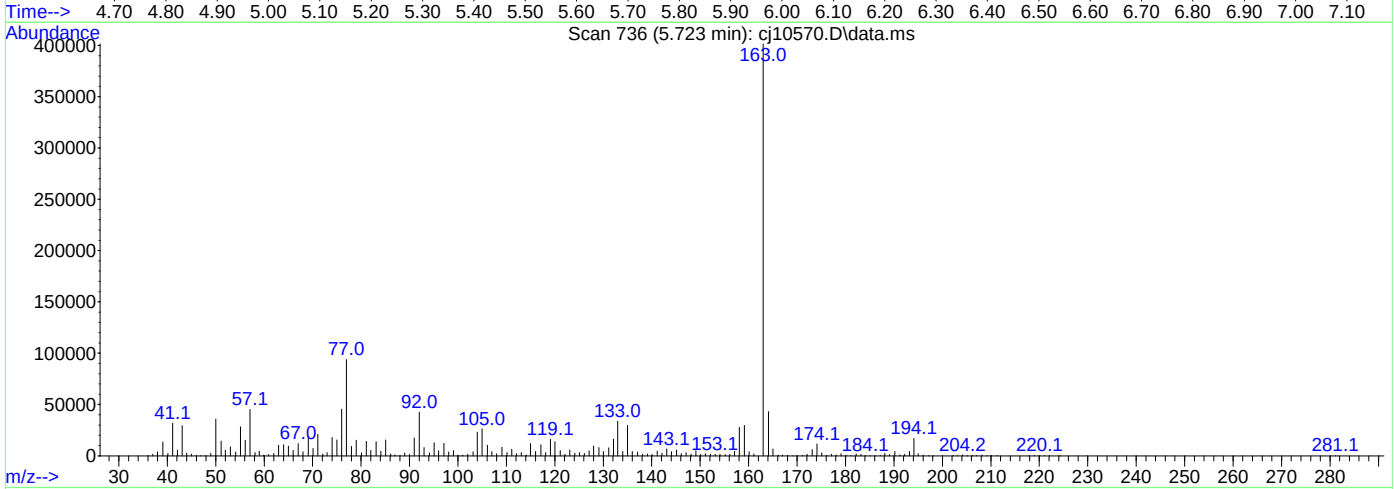
Ion	Exp%	Act%
195.90	100	100
197.90	94.30	98.32
199.90	29.20	32.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10570.D
Acq On : 27 Jan 2025 11:14 pm
Operator : anthonyo
Sample : op61130-ms Inst : GCMSCJ
Misc : op61130,ecj451,16.6,,,1,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 04:34:03 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10570.D\data.ms

(59) Acenaphthene (t)

5.723min (-0.198) 0.11ppm

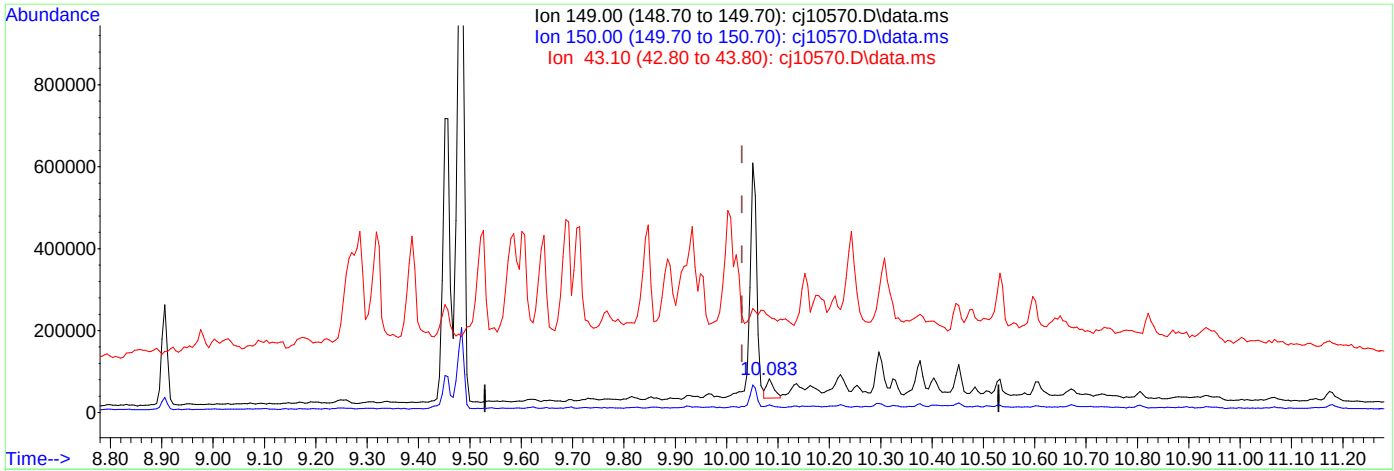
response 721

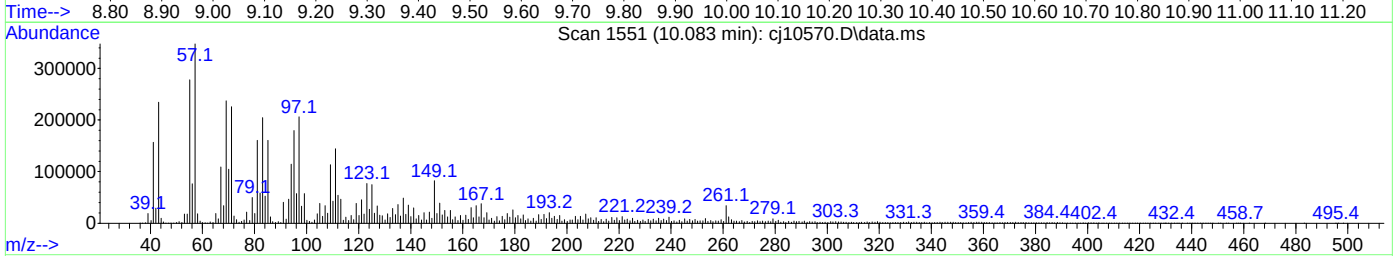
Ion	Exp%	Act%
153.10	100	100
152.10	47.20	56.23
154.10	79.30	100.86
0.00	0.00	0.00

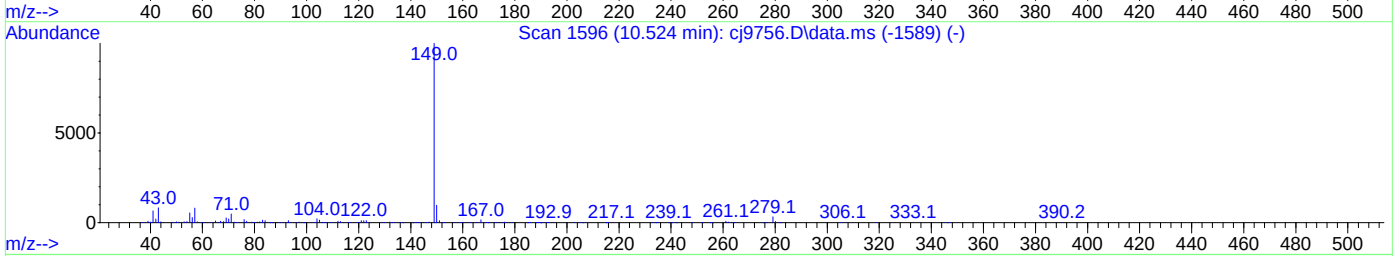
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10570.D
Acq On : 27 Jan 2025 11:14 pm
Operator : anthonyo
Sample : op61130-ms Inst : GCMSCJ
Misc : op61130,ecj451,16.6,,,1,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 04:34:03 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration







TIC: cj10570.D\data.ms

(94) Di-n-octylphthalate (t)

10.083min (+0.053) 3.31ppm

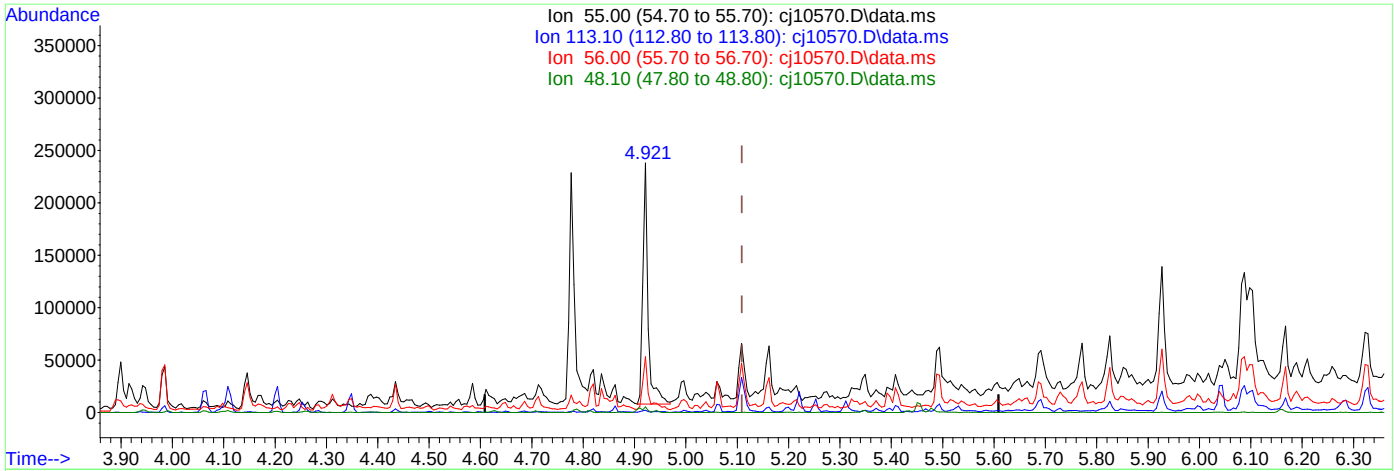
response 47739

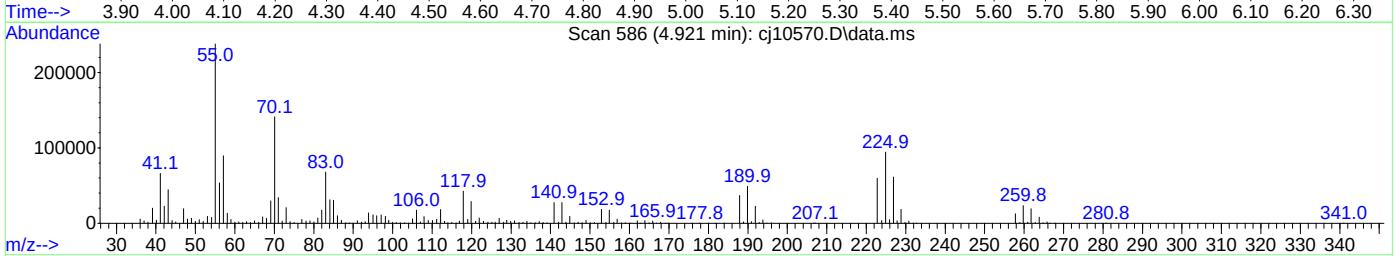
Ion	Exp%	Act%
149.00	100	100
150.00	9.80	13.21
43.10	7.80	0.00
0.00	0.00	0.00

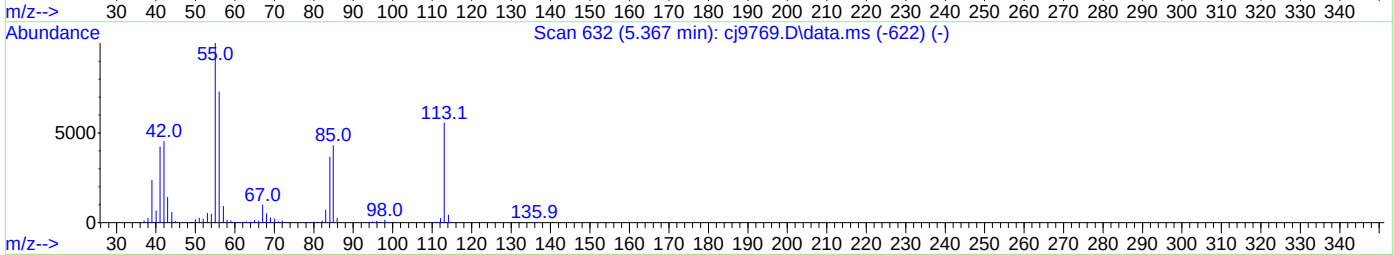
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10570.D
Acq On : 27 Jan 2025 11:14 pm
Operator : anthonyo
Sample : op61130-ms Inst : GCMSCJ
Misc : op61130,ecj451,16.6,,,1,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 04:34:03 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration







TIC: cj10570.D\data.ms

(108) Caprolactam (T)

4.921min (-0.188) 102.10ppm

response 159963

Ion	Exp%	Act%
55.00	100	100
113.10	59.20	0.89#
56.00	77.10	22.05#
48.10	0.10	1.65

Manual Integrations APPROVED (compounds with "m" flag)
Ying Li
01/28/25 13:34

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10571.D
Acq On : 27 Jan 2025 11:32 pm
Operator : anthonyo
Sample : op61130-msd Inst : GCMSCJ
Misc : op61130,ecj451,15.7,,,1,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 28 05:23:38 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.103	152	92244	40.00	ppm	0.00
24) Naphthalene-d8	4.852	136	349051	40.00	ppm	0.00
46) Acenaphthene-d10	5.906	164	193950	40.00	ppm	0.00
69) Phenanthrene-d10	7.018	188	350786	40.00	ppm	0.01
84) Chrysene-d12	9.447	240	312344	40.00	ppm	0.03
93) Perylene-d12	10.762	264	332113	40.00	ppm	0.05
103) 1,4-Dichlorobenzene-d4a	4.103	152	92244	40.00	ppm	0.00
105) Phenanthrene-d10a	7.018	188	350786	40.00	ppm	0.01
107) Naphthalene-d8a	4.852	136	349051	40.00	ppm	0.00
109) Phenanthrene-d10b	7.018	188	350786	40.00	ppm	0.01
112) Chrysene-d12a	9.447	240	312344	40.00	ppm	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.312	112	102482	36.05	ppm	0.01
Spiked Amount 50.000			Recovery =	72.10%		
8) Phenol-d5	3.943	99	125233	34.95	ppm	0.00
Spiked Amount 50.000			Recovery =	69.90%		
25) Nitrobenzene-d5	4.445	82	121668	36.04	ppm	0.00
Spiked Amount 50.000			Recovery =	72.08%		
51) 2-Fluorobiphenyl	5.472	172	245142	38.47	ppm	0.00
Spiked Amount 50.000			Recovery =	76.94%		
74) 2,4,6-Tribromophenol	6.478	330	28993	36.86	ppm	0.01
Spiked Amount 50.000			Recovery =	73.72%		
87) Terphenyl-d14	8.436	244	273327	34.89	ppm	0.01
Spiked Amount 50.000			Recovery =	69.78%		
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) 1,4-Dioxane	1.862	88	18377	16.0354	ppm	91
3) Pyridine	2.231	79	65663	21.2106	ppm	95
4) N-Nitrosodimethylamine	2.178	74	47248	27.5211	ppm	99
6) Indene	4.253	116	178490	33.4445	ppm	99
7) Cumene	3.590	105	193873	31.2103	ppm	98
9) Phenol	3.953	94	179451	46.5642	ppm	89
10) Aniline	3.921	93	84888	17.6803	ppm	94
11) bis(2-Chloroethyl)ether	3.948	93	104305	34.1593	ppm	98
12) 2-Chlorophenol	3.996	128	115985	36.0198	ppm	96
13) Decane	3.986	43	139666	40.4610	ppm	91
14) 1,3-Dichlorobenzene	4.066	146	113512	32.2689	ppm	99
15) 1,4-Dichlorobenzene	4.114	146	117367	32.8604	ppm	99
16) Benzyl alcohol	4.210	108	71567	33.8458	ppm	98
17) 1,2-Dichlorobenzene	4.205	146	114571	33.9195	ppm	98
18) Acetophenone	4.349	105	161630	35.7674	ppm	98
19) 2-Methylphenol	4.296	108	103583	36.6393	ppm	96
20) 2,2'-oxybis(1-Chloropr...	4.264	121	33767	33.4982	ppm #	84
21) 3&4-Methylphenol	4.387	108	237804	80.2851	ppm	98
22) n-Nitroso-di-n-propyla...	4.349	70	76524	34.8274	ppm	96
23) Hexachloroethane	4.403	201	37312	31.5036	ppm	92
26) Nitrobenzene	4.456	77	121103	36.6764	ppm	99
27) Quinoline	5.061	129	206263	34.6828	ppm	95
28) Isophorone	4.590	82	216444	36.9835	ppm	93
29) 2-Nitrophenol	4.638	139	59718	39.2614	ppm	89
30) 2,4-Dimethylphenol	4.681	107	125737	39.8239	ppm	94
32) bis(2-Chloroethoxy)met...	4.708	93	137161	36.3056	ppm	98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10571.D
Acq On : 27 Jan 2025 11:32 pm
Operator : anthonyo
Sample : op61130-msd Inst : GCMSCJ
Misc : op61130,ecj451,15.7,,,1,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 28 05:23:38 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) 2,4-Dichlorophenol	4.793	162	99860	39.9876	ppm		96
34) 2,6-Dichlorophenol	4.911	162	98250	39.4433	ppm		97
35) 1,3,5-Trichlorobenzene	4.627	180	106647	37.4378	ppm		97
36) 1,2,4-Trichlorobenzene	4.815	180	99512	37.1320	ppm		95
37) 1,2,3-Trichlorobenzene	4.943	180	99232	37.1579	ppm		97
38) Naphthalene	4.863	128	333466	36.3585	ppm		99
39) 4-Chloroaniline	4.911	127	91228	24.0921	ppm		98
40) 2,3-Dichloroaniline	5.435	161	104916	36.3046	ppm		98
41) Hydroquinone	5.152	110	60772	31.9898	ppm		96
42) Hexachlorobutadiene	4.927	225	62629	42.4491	ppm		98
43) 4-Chloro-3-methylphenol	5.205	107	107005	41.2290	ppm	#	33
44) 2-Methylnaphthalene	5.253	141	219647	40.9294	ppm		99
45) 1-Methylnaphthalene	5.312	141	201976	39.3556	ppm		95
48) 1,2,4,5-tetrachloroben...	5.349	216	104201	40.0281	ppm		99
49) 2,4,6-Trichlorophenol	5.435	196	7752m	4.2277	ppm		
50) 2,4,5-Trichlorophenol	5.456	196	58221m	31.8475	ppm		
52) 2-Chloronaphthalene	5.547	162	208417	36.6379	ppm		97
53) Biphenyl	5.531	154	272936	36.5794	ppm		100
54) 2-Nitroaniline	5.633	65	72980	42.6227	ppm		93
55) Dimethylphthalate	5.724	163	254065	38.1757	ppm		100
56) Acenaphthylene	5.815	152	307527	37.3197	ppm		99
57) 2,6-Dinitrotoluene	5.777	165	52071	40.0797	ppm		89
58) 3-Nitroaniline	5.900	138	52553	33.2031	ppm		94
59) Acenaphthene	5.927	153	275348	46.0975	ppm	#	47
62) Dibenzofuran	6.045	168	304093	37.9137	ppm		85
63) 2,4-Dinitrotoluene	6.050	165	72900	40.3625	ppm		69
64) 2,3,4,6-Tetrachlorophenol	6.168	232	48401	33.1188	ppm		86
65) Diethylphthalate	6.195	149	253123	36.6877	ppm		99
66) Fluorene	6.285	166	265176	41.3652	ppm		98
67) 4-Chlorophenyl-phenyle...	6.280	204	109130	37.9550	ppm		96
68) 4-Nitroaniline	6.339	138	58349	35.2413	ppm		98
70) 4,6-Dinitro-2-methylph...	6.355	198	4541	5.8984	ppm	#	54
71) n-Nitrosodiphenylamine	6.376	169	225423	38.8205	ppm		94
72) 1,2-Diphenylhydrazine	6.398	77	234842	33.1765	ppm		94
73) pentachloronitrobenzene	6.874	295	11310	39.2050	ppm		98
75) 4-Bromophenyl-phenylether	6.644	248	65416	38.6705	ppm		89
76) Hexachlorobenzene	6.703	284	68004	37.6253	ppm		97
77) Pentachlorophenol	6.901	266	67922	56.8971	ppm		93
78) Phenanthrene	7.040	178	568750	56.5268	ppm		100
79) Anthracene	7.082	178	375162	37.3663	ppm		96
80) Carbazole	7.238	167	332527	34.0569	ppm		98
81) Di-n-butylphthalate	7.510	149	444226	36.5931	ppm		100
82) Fluoranthene	8.088	202	614680	59.0659	ppm		99
83) Octadecane	6.879	57	285248	50.7370	ppm		97
86) Pyrene	8.297	202	598434	51.3092	ppm		98
88) Butylbenzylphthalate	8.906	149	195202	35.9350	ppm		93
89) Benzo[a]anthracene	9.441	228	417803	39.0551	ppm		98
90) 3,3'-Dichlorobenzidine	9.447	252	69558	18.2022	ppm		95
91) Chrysene	9.473	228	436319	43.5510	ppm		99
92) bis(2-Ethylhexyl)phtha...	9.457	149	646610	79.3401	ppm		99
94) Di-n-octylphthalate	10.056	149	513678m	35.8988	ppm		
95) Benzo[b]fluoranthene	10.436	252	469388	44.1359	ppm		99
96) Benzo[k]fluoranthene	10.457	252	348062	36.5931	ppm		98
97) Benzo[a]pyrene	10.714	252	362564	41.5536	ppm		97
98) Indeno[1,2,3-cd]pyrene	11.752	276	428736	39.2354	ppm		98
99) Dibenz(a,h)acridine	11.511	279	269085	36.5624	ppm		99
100) Dibenz[a,h]anthracene	11.757	278	328748	37.7627	ppm		99
101) 7,12-Dimethylbenz(a)an...	10.420	256	152772	42.6344	ppm		98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10571.D
Acq On : 27 Jan 2025 11:32 pm
Operator : anthonyo
Sample : op61130-msd Inst : GCMSCJ
Misc : op61130,ecj451,15.7,,,1,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 28 05:23:38 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) Benzo[g,h,i]perylene	12.035	276	334364	39.4992	ppm	97
104) Benzaldehyde	3.841	105	109516	41.0248	ppm	94
106) Atrazine	6.794	215	35045	39.1233	ppm	96
108) Caprolactam	5.114	55	60580m	40.8465	ppm	

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

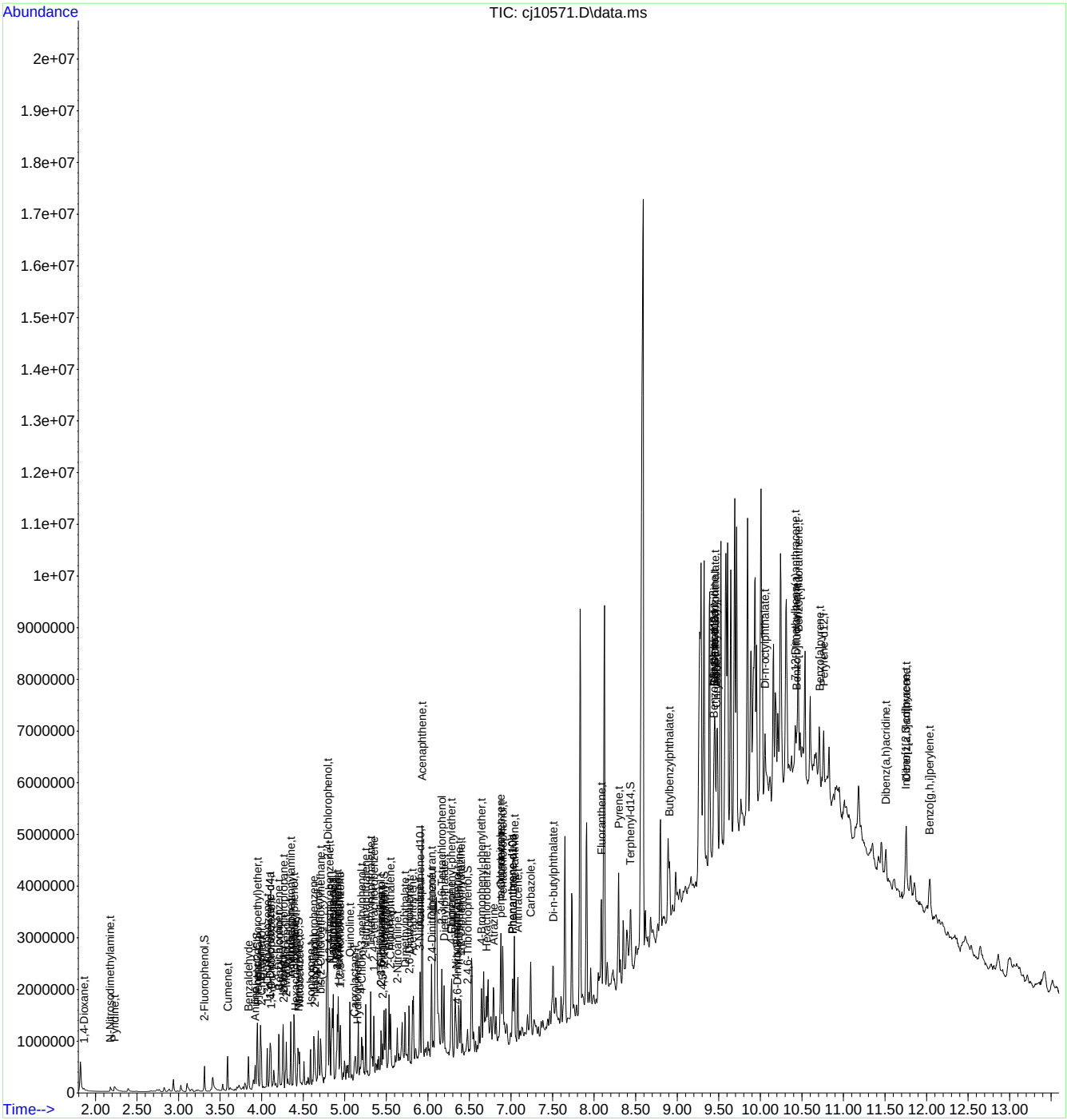
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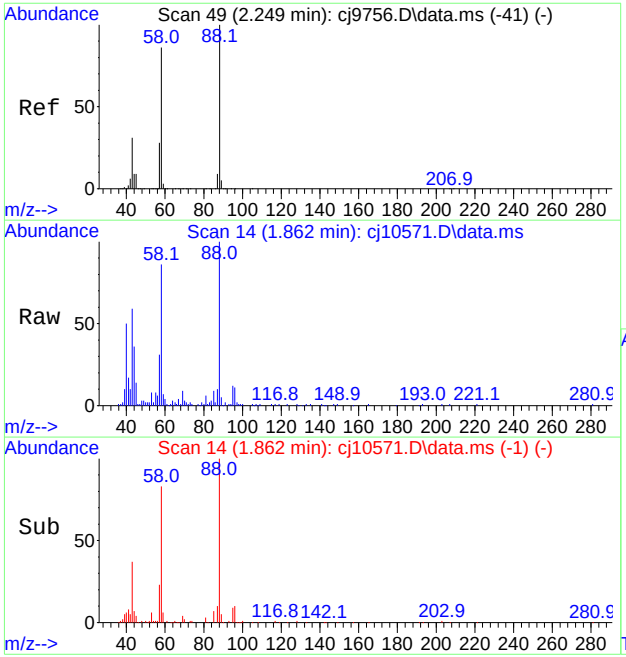
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Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10571.D
Acq On : 27 Jan 2025 11:32 pm
Operator : anthonyo
Sample : op61130-msd Inst : GCMSCJ
Misc : op61130,ecj451,15.7,,,1,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 28 05:23:38 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

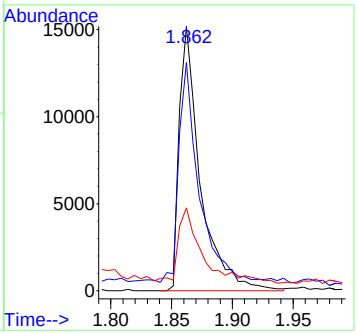


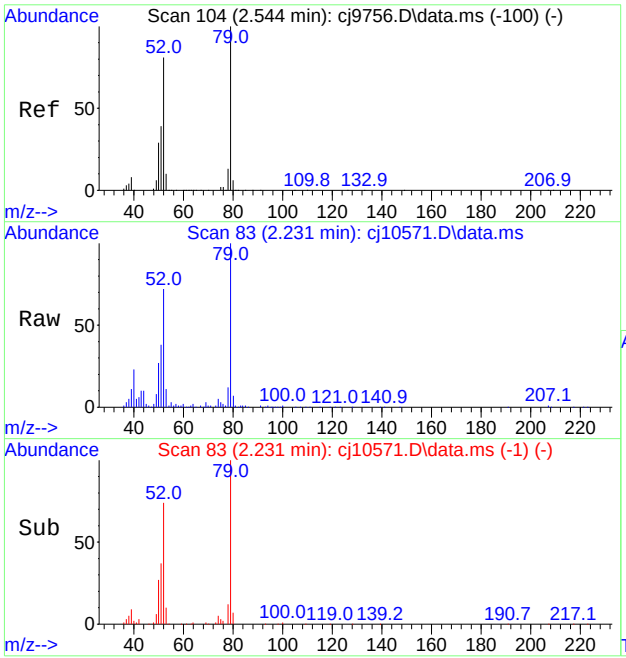


#2
1,4-Dioxane
Concen: 16.0354 ppm
RT: 1.862 min Scan# 14
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 88 Resp: 18377

Ion	Ratio	Lower	Upper
88	100		
58	82.6	43.9	103.9
57	27.6	0.0	55.2

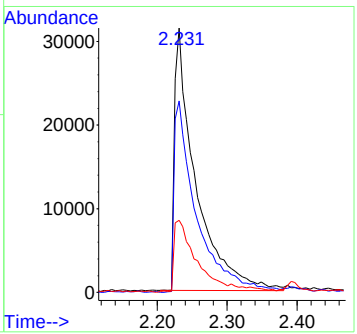


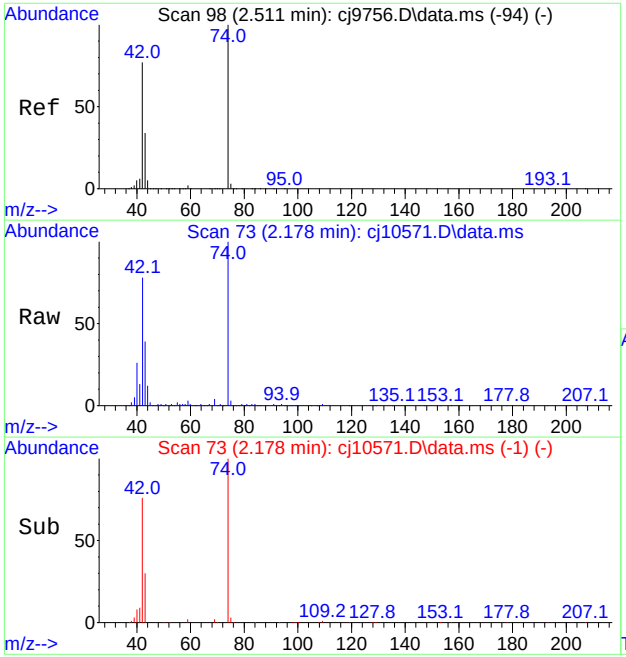


#3
Pyridine
Concen: 21.2106 ppm
RT: 2.231 min Scan# 83
Delta R.T. 0.021 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 79 Resp: 65663

Ion	Ratio	Lower	Upper
79	100		
52	72.6	47.1	107.1
50	26.9	0.0	59.7

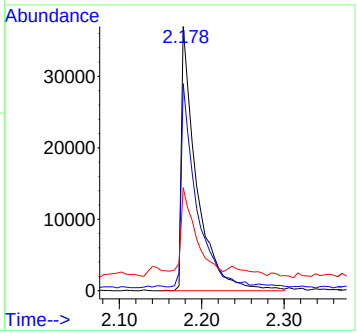


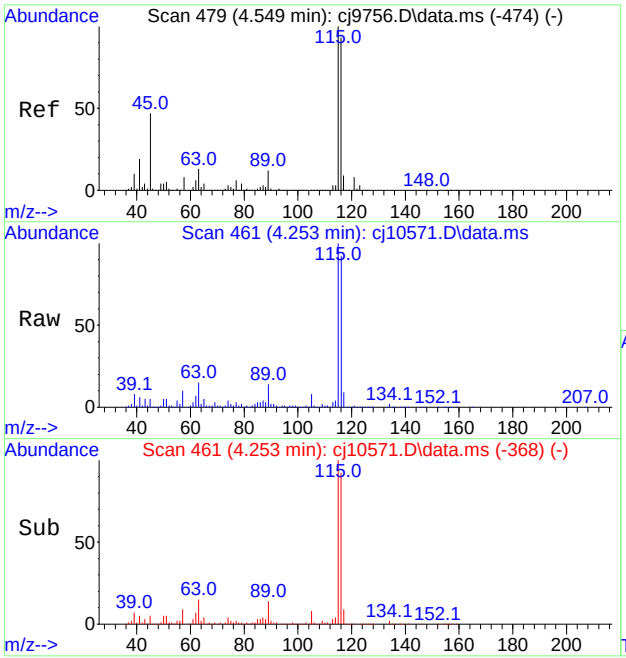


#4
N-Nitrosodimethylamine
Concen: 27.5211 ppm
RT: 2.178 min Scan# 73
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 74 Resp: 47248

Ion	Ratio	Lower	Upper
74	100		
42	76.8	46.7	106.7
43	32.4	3.2	63.2

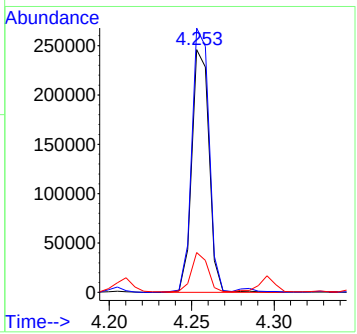


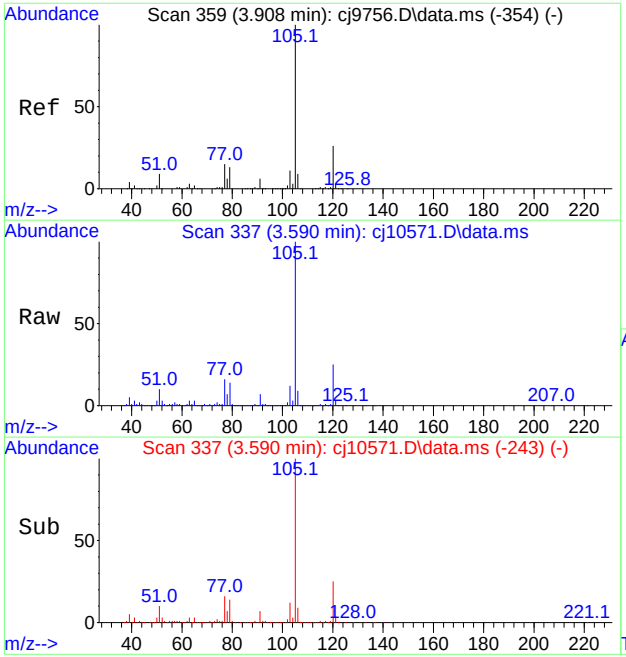


#6
Indene
Concen: 33.4445 ppm
RT: 4.253 min Scan# 461
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:116 Resp: 178490

Ion	Ratio	Lower	Upper
116	100		
115	108.9	78.5	138.5
63	16.1	0.0	45.0

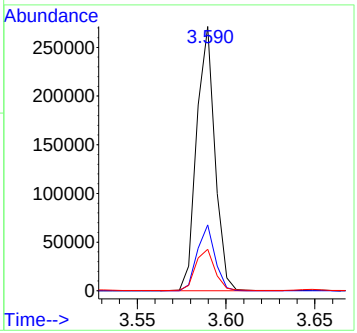


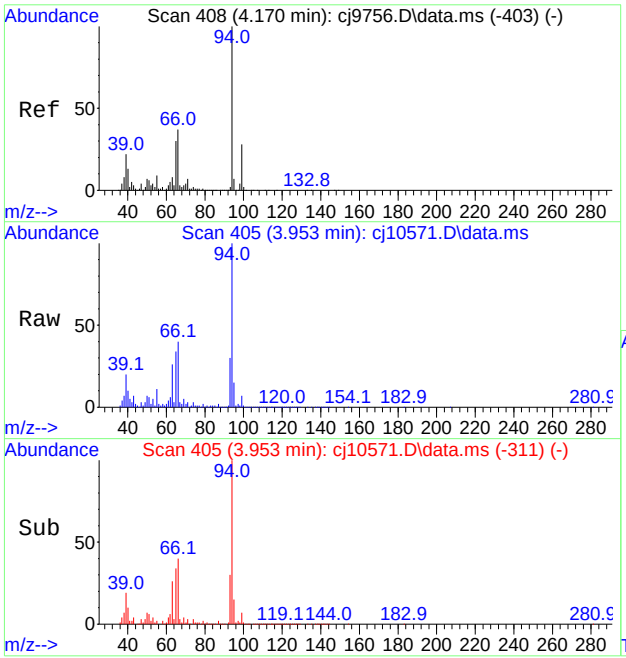


#7
Cumene
Concen: 31.2103 ppm
RT: 3.590 min Scan# 337
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:105 Resp: 193873

Ion	Ratio	Lower	Upper
105	100		
120	24.9	0.0	54.7
77	15.5	0.0	47.2

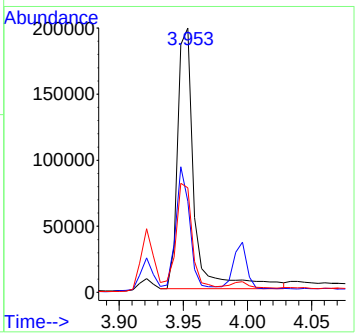


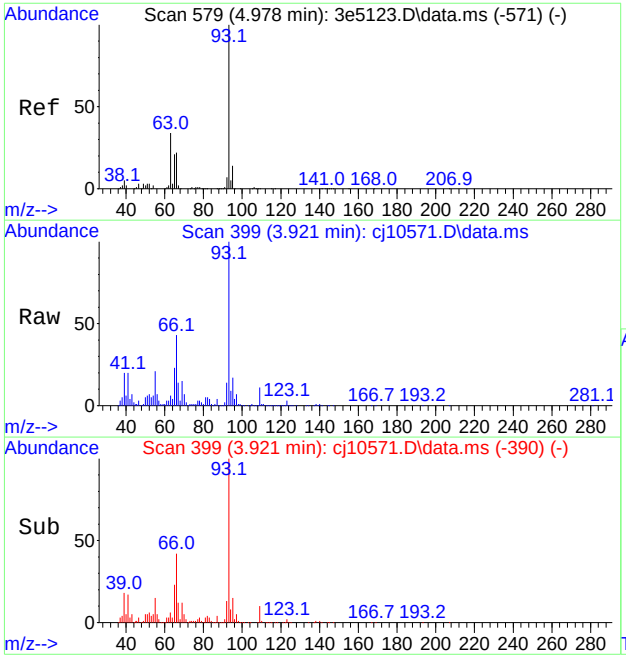


#9
Phenol
Concen: 46.5642 ppm
RT: 3.953 min Scan# 405
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 94 Resp: 179451

Ion	Ratio	Lower	Upper
94	100		
65	33.5	16.2	76.2
66	37.7	8.1	68.1

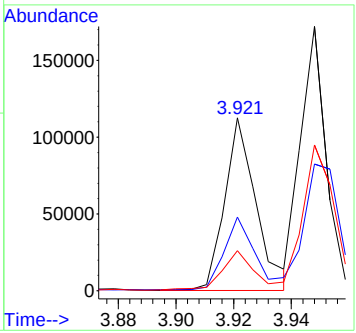


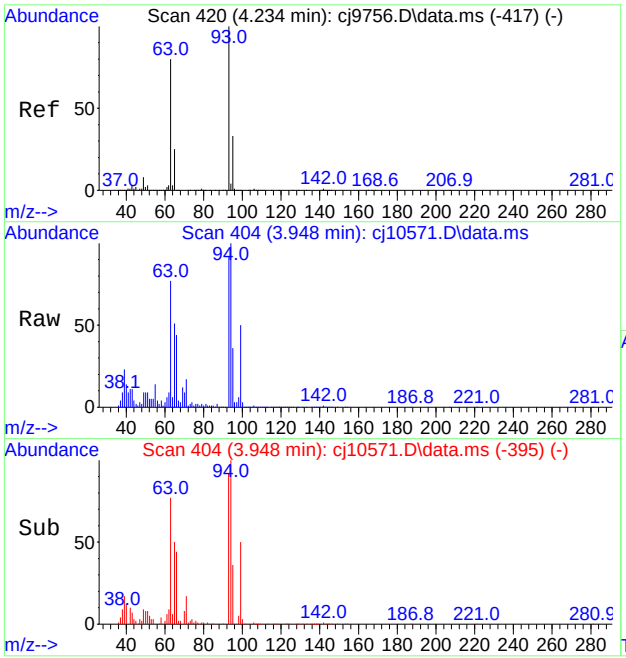


#10
Aniline
Concen: 17.6803 ppm
RT: 3.921 min Scan# 399
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 93 Resp: 84888

Ion	Ratio	Lower	Upper
93	100		
66	41.2	7.7	67.7
65	21.8	0.0	49.2

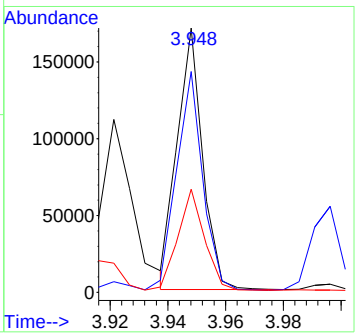


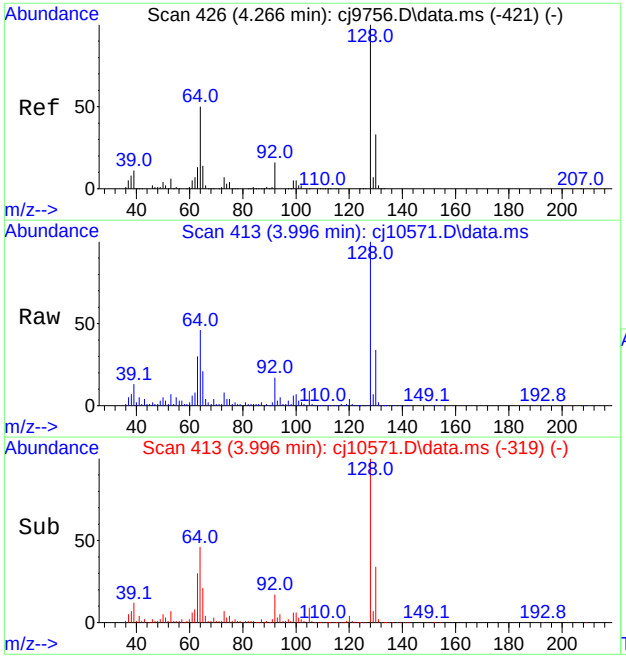


#11
bis(2-Chloroethyl)ether
Concen: 34.1593 ppm
RT: 3.948 min Scan# 404
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 93 Resp: 104305

Ion	Ratio	Lower	Upper
93	100		
63	84.6	52.9	112.9
95	39.4	11.3	71.3

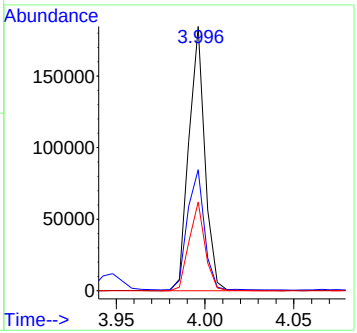


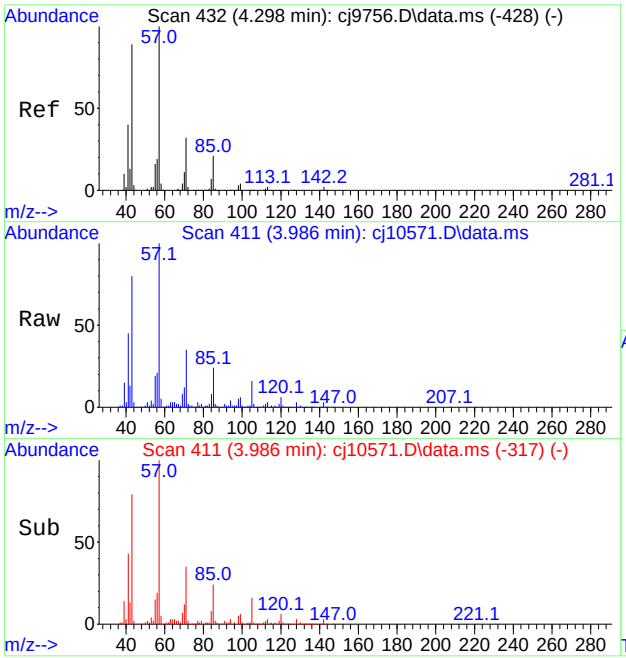


#12
2-Chlorophenol
Concen: 36.0198 ppm
RT: 3.996 min Scan# 413
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:128 Resp: 115985

Ion	Ratio	Lower	Upper
128	100		
64	45.5	18.5	78.5
130	33.6	2.3	62.3

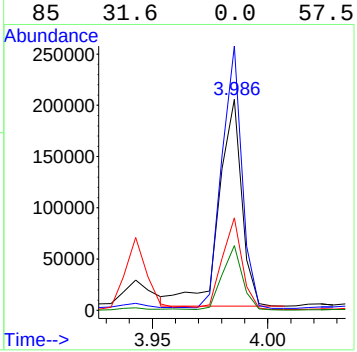


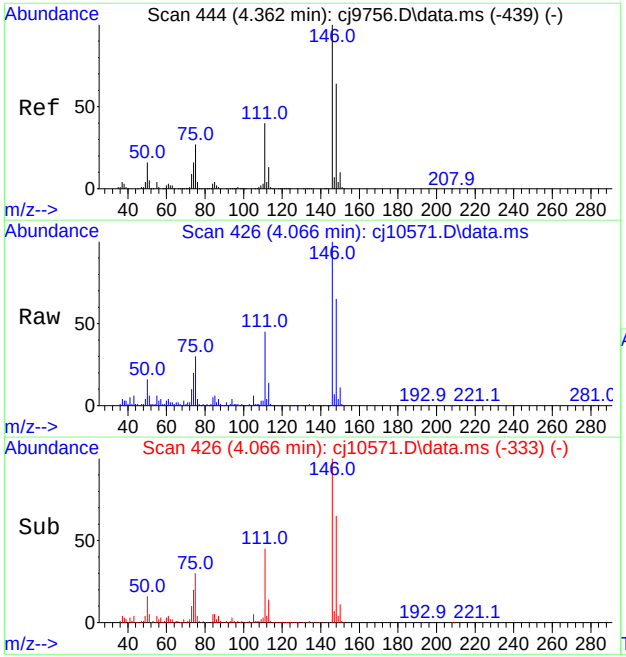


#13
Decane
Concen: 40.4610 ppm
RT: 3.986 min Scan# 411
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 43 Resp: 139666

Ion	Ratio	Lower	Upper
43	100		
57	129.6	89.1	149.1
71	43.9	9.0	69.0
85	31.6	0.0	57.5

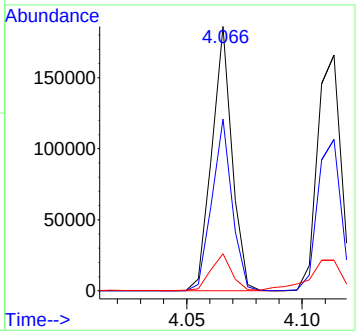


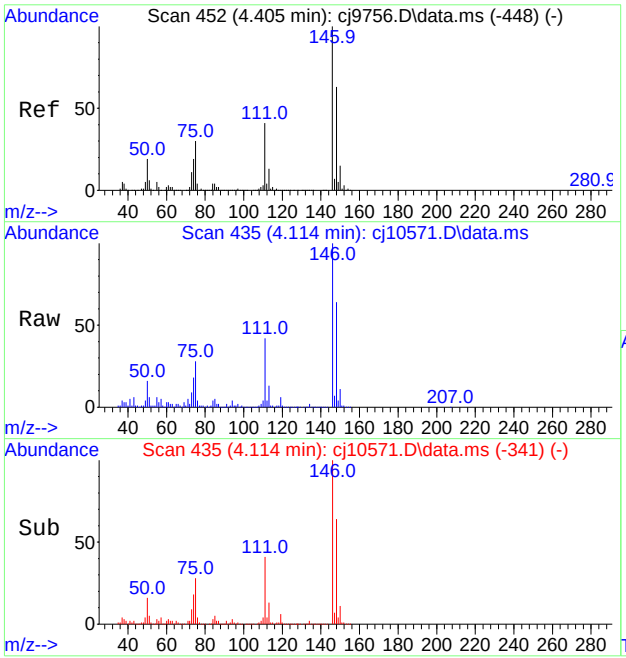


#14
1,3-Dichlorobenzene
Concen: 32.2689 ppm
RT: 4.066 min Scan# 426
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:146 Resp: 113512

Ion	Ratio	Lower	Upper
146	100		
148	64.9	35.9	95.9
113	13.2	0.0	43.0

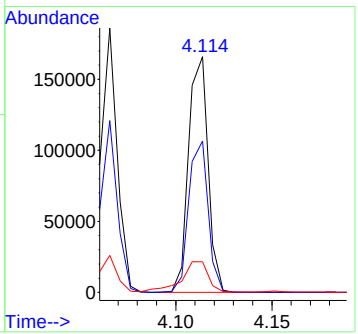


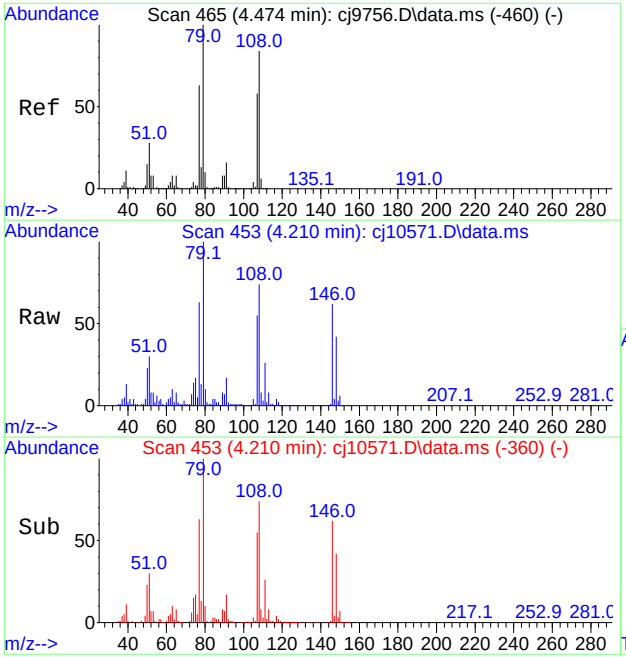


#15
1,4-Dichlorobenzene
Concen: 32.8604 ppm
RT: 4.114 min Scan# 435
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:146 Resp: 117367

Ion	Ratio	Lower	Upper
146	100		
148	64.1	33.7	93.7
113	12.0	0.0	44.1

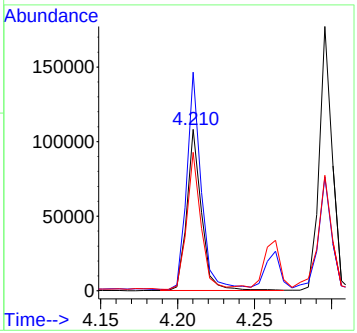


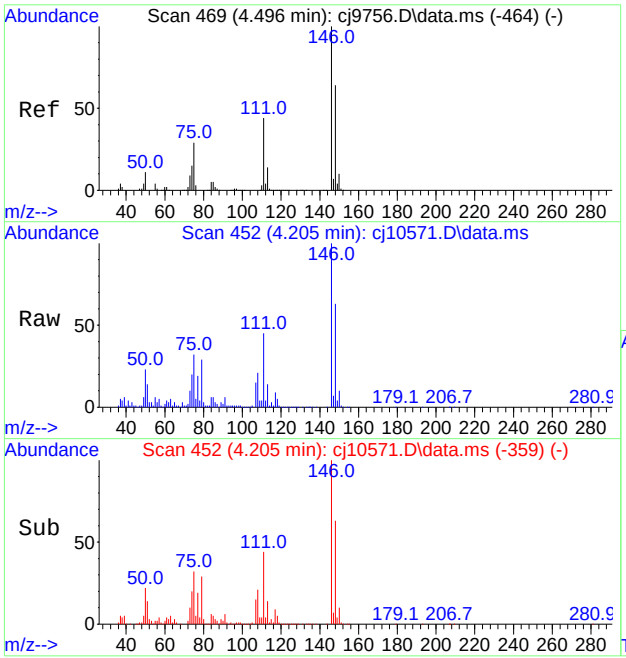


#16
Benzyl alcohol
Concen: 33.8458 ppm
RT: 4.210 min Scan# 453
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:108 Resp: 71567

Ion	Ratio	Lower	Upper
108	100		
79	132.4	99.1	159.1
77	82.1	51.3	111.3

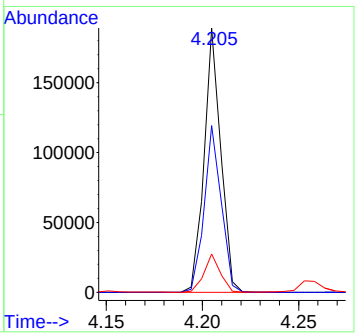


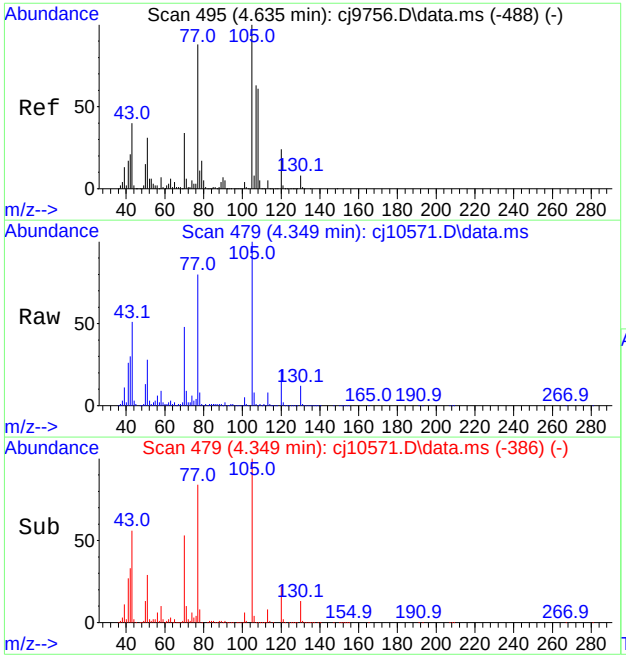


#17
1,2-Dichlorobenzene
Concen: 33.9195 ppm
RT: 4.205 min Scan# 452
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:146 Resp: 114571

Ion	Ratio	Lower	Upper
146	100		
148	63.1	35.1	95.1
113	14.3	0.0	43.7

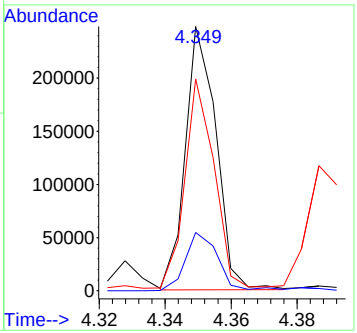


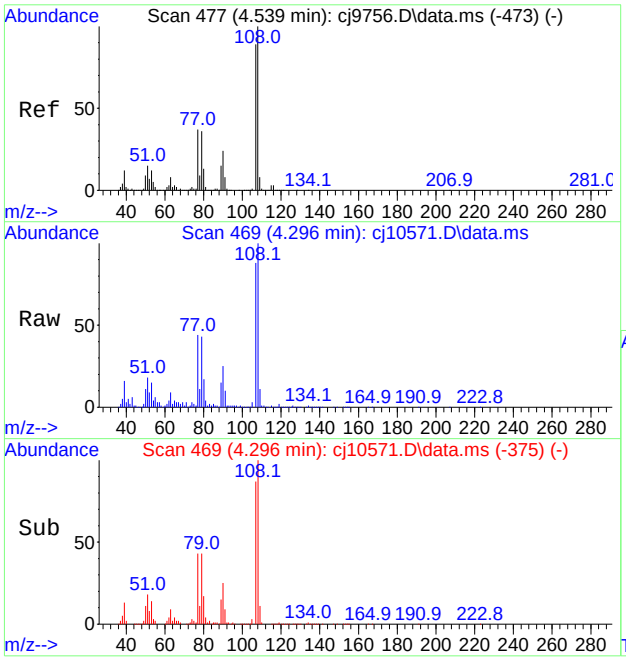


#18
Acetophenone
Concen: 35.7674 ppm
RT: 4.349 min Scan# 479
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:105 Resp: 161630

Ion	Ratio	Lower	Upper
105	100		
120	21.9	0.0	51.5
77	79.3	47.4	107.4

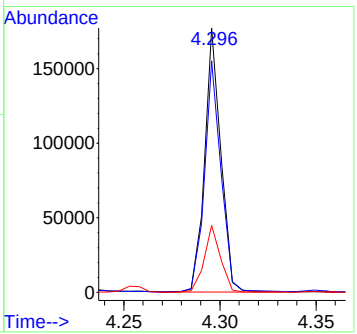


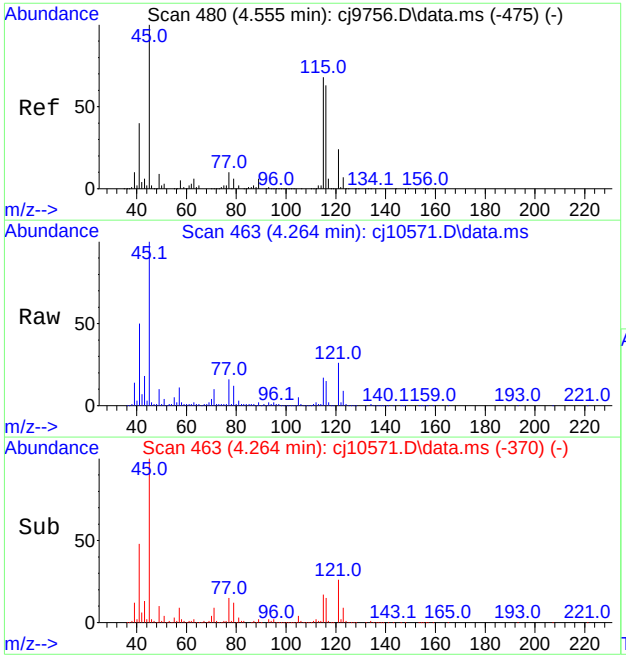


#19
2-Methylphenol
Concen: 36.6393 ppm
RT: 4.296 min Scan# 469
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:108 Resp: 103583

Ion	Ratio	Lower	Upper
108	100		
107	87.5	62.8	122.8
90	25.3	0.0	55.7

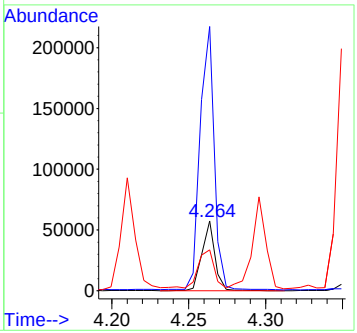


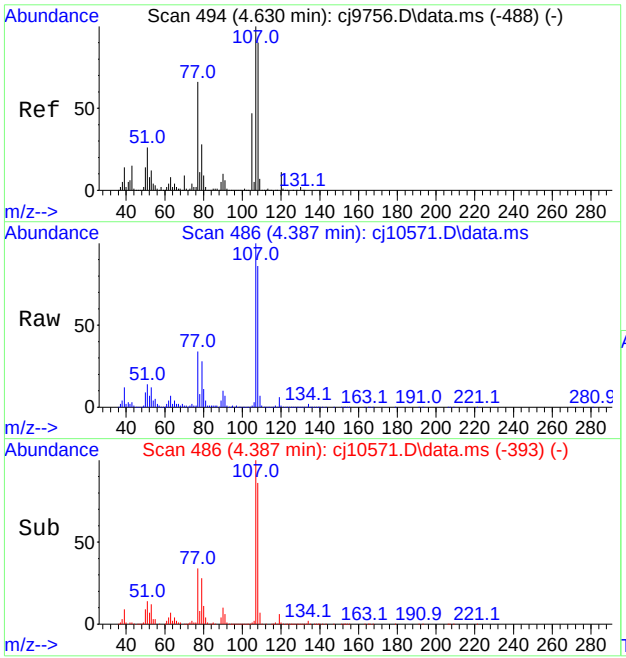


#20
2,2'-oxybis(1-Chloropropane
Concen: 33.4982 ppm
RT: 4.264 min Scan# 463
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:121 Resp: 33767

Ion	Ratio	Lower	Upper
121	100		
45	377.3	315.9	375.9#
77	55.2	7.2	67.2

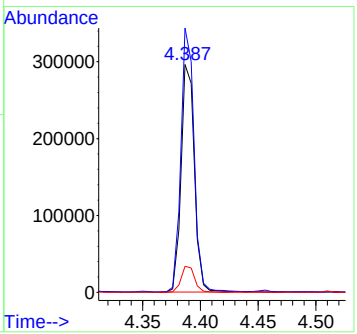


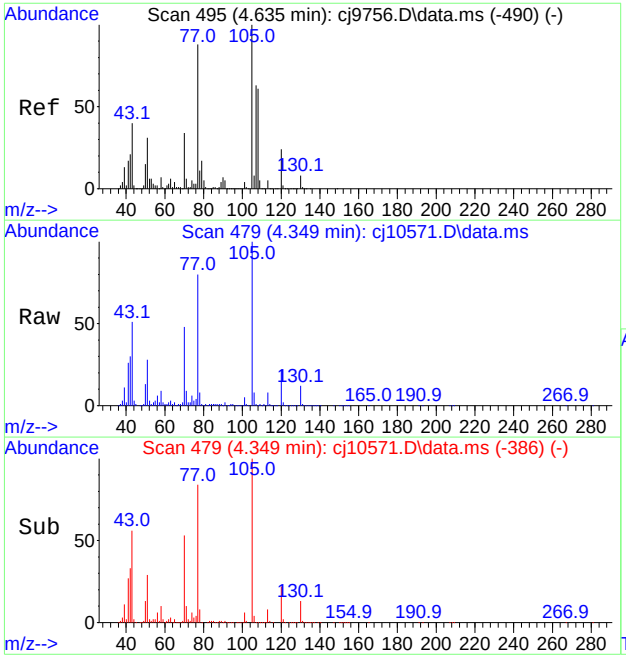


#21
3&4-Methylphenol
Concen: 80.2851 ppm
RT: 4.387 min Scan# 486
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:108 Resp: 237804

Ion	Ratio	Lower	Upper
108	100		
107	116.0	83.9	143.9
90	11.4	0.0	41.5

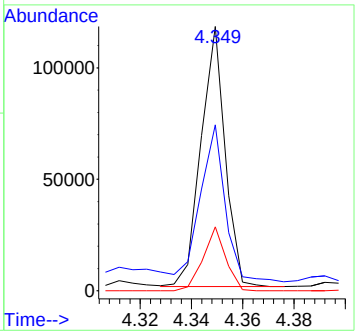


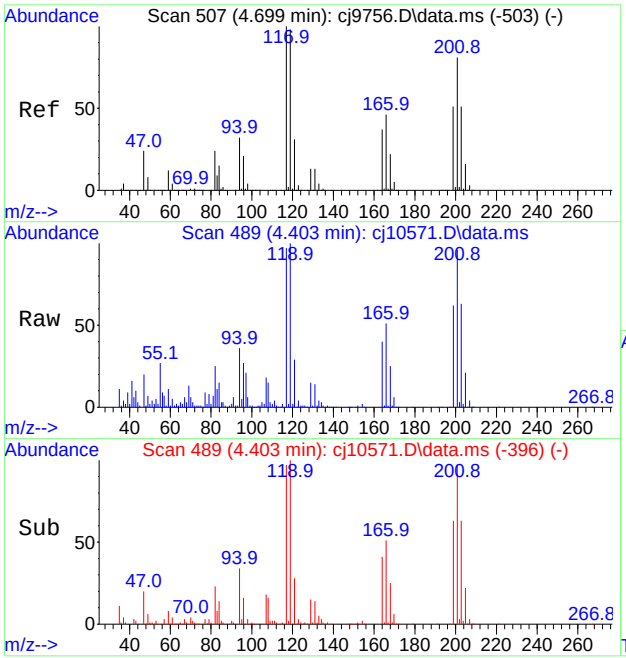


#22
n-Nitroso-di-n-propylamine
Concen: 34.8274 ppm
RT: 4.349 min Scan# 479
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 70 Resp: 76524

Ion	Ratio	Lower	Upper
70	100		
42	58.6	25.6	85.6
130	24.5	0.0	51.9

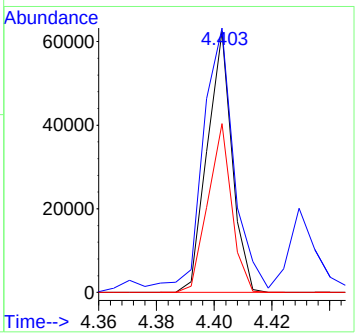


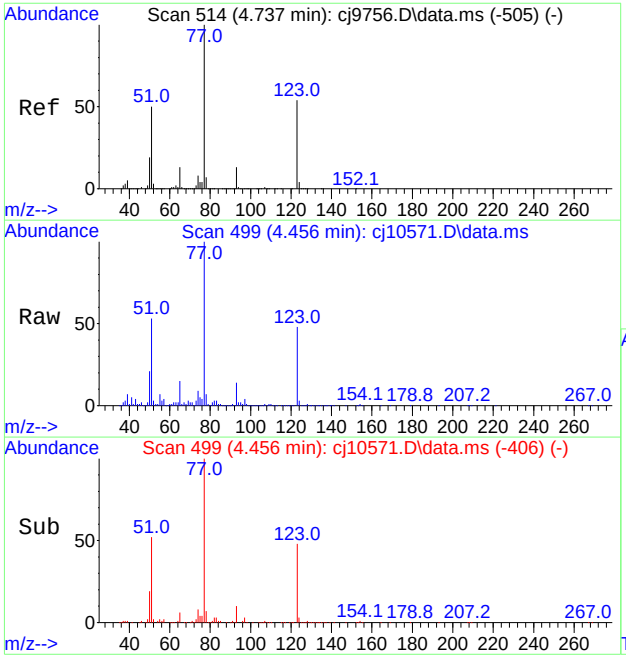


#23
Hexachloroethane
Concen: 31.5036 ppm
RT: 4.403 min Scan# 489
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:201 Resp: 37312

Ion	Ratio	Lower	Upper
201	100		
117	95.0	55.6	115.6
199	64.7	31.1	91.1

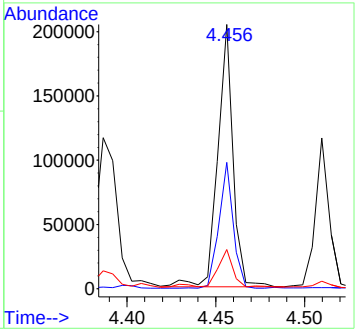


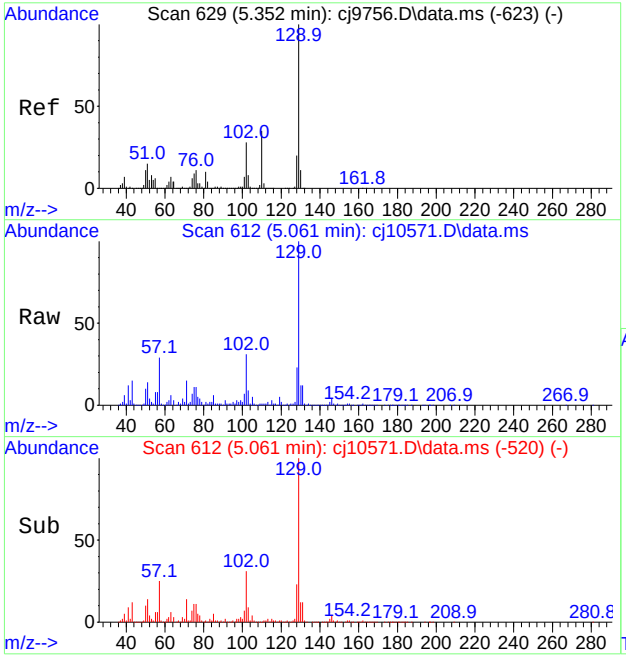


#26
Nitrobenzene
Concen: 36.6764 ppm
RT: 4.456 min Scan# 499
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 77 Resp: 121103

Ion	Ratio	Lower	Upper
77	100		
123	47.9	18.4	78.4
65	14.4	0.0	44.4

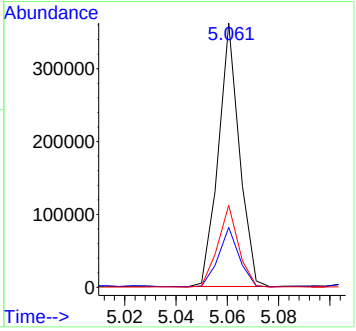


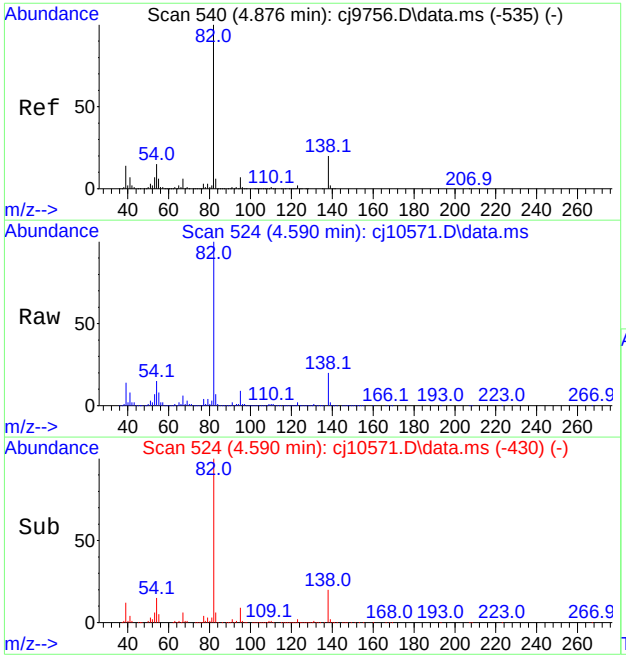


#27
Quinoline
Concen: 34.6828 ppm
RT: 5.061 min Scan# 612
Delta R.T. -0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:129 Resp: 206263

Ion	Ratio	Lower	Upper
129	100		
128	22.4	0.0	49.8
102	31.0	0.0	58.9

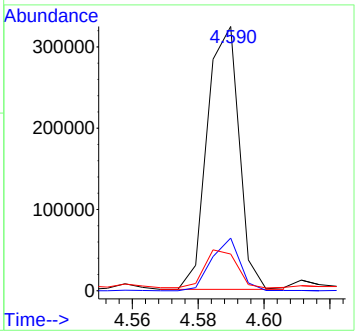


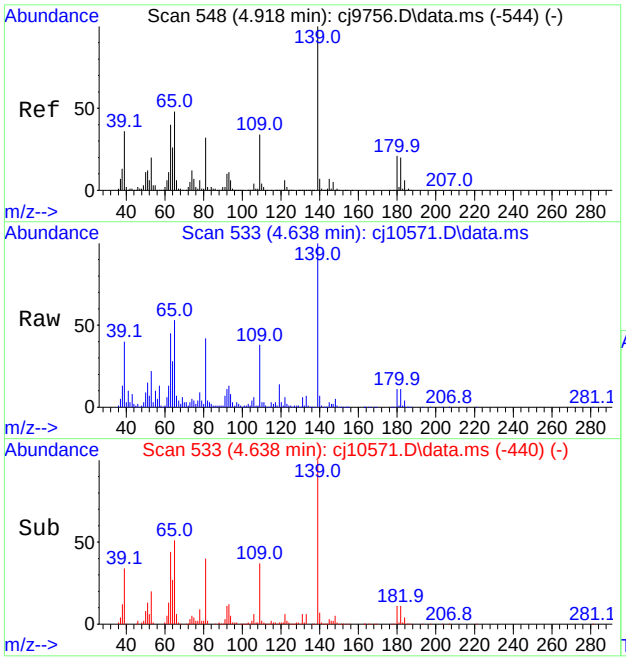


#28
Isophorone
Concen: 36.9835 ppm
RT: 4.590 min Scan# 524
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 82 Resp: 216444

Ion	Ratio	Lower	Upper
82	100		
138	20.0	0.0	46.8
39	12.8	0.0	45.7

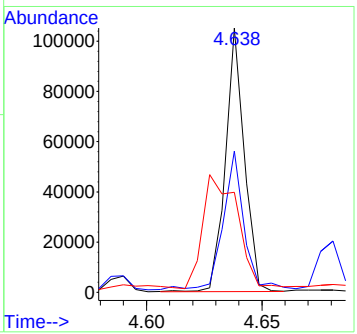


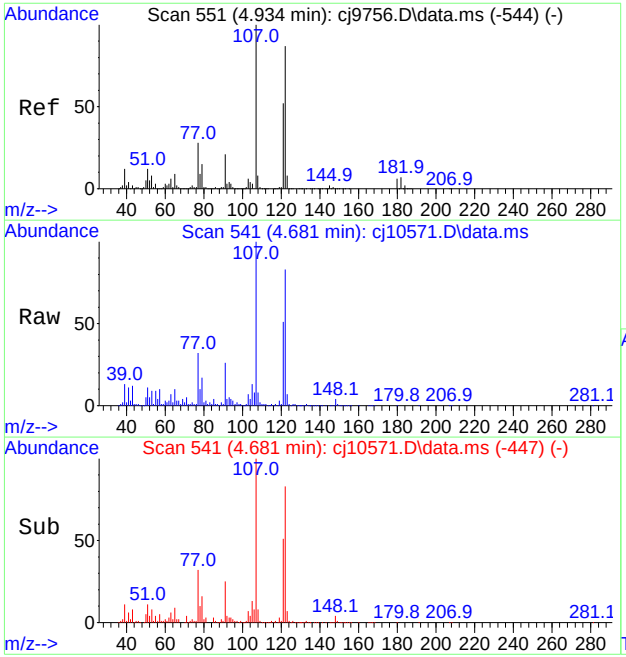


#29
2-Nitrophenol
Concen: 39.2614 ppm
RT: 4.638 min Scan# 533
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:139 Resp: 59718

Ion	Ratio	Lower	Upper
139	100		
65	52.1	13.2	73.2
109	35.8	1.8	61.8

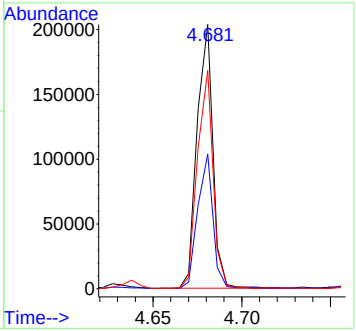


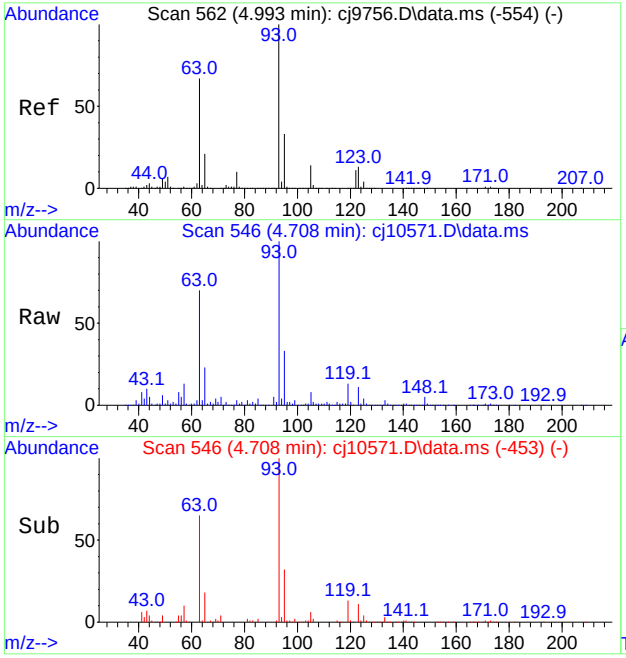


#30
2,4-Dimethylphenol
Concen: 39.8239 ppm
RT: 4.681 min Scan# 541
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:107 Resp: 125737

Ion	Ratio	Lower	Upper
107	100		
121	50.9	16.3	76.3
122	82.6	47.8	107.8

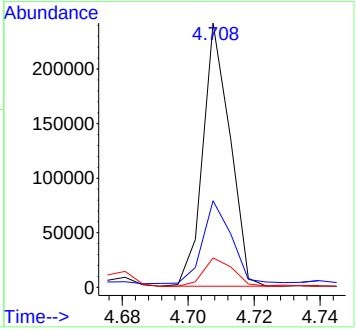


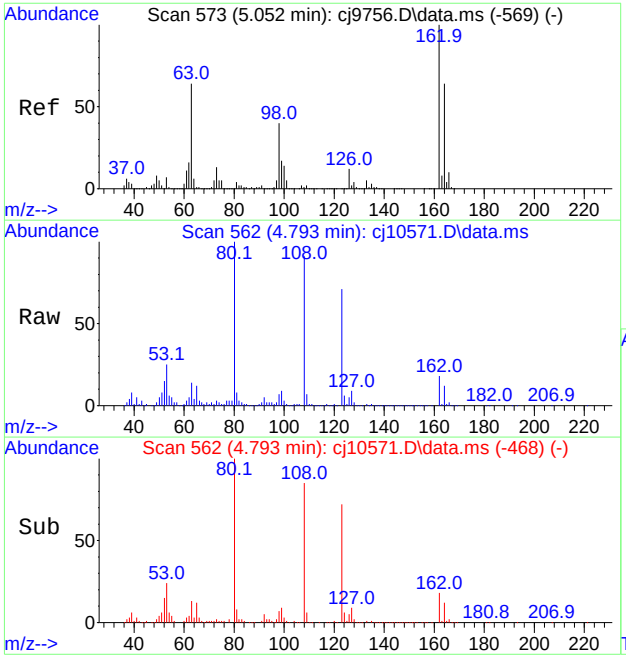


#32
bis(2-Chloroethoxy)methane
Concen: 36.3056 ppm
RT: 4.708 min Scan# 546
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 93 Resp: 137161

Ion	Ratio	Lower	Upper
93	100		
95	31.3	2.9	62.9
123	10.5	0.0	41.0

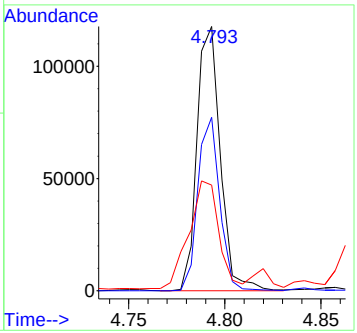


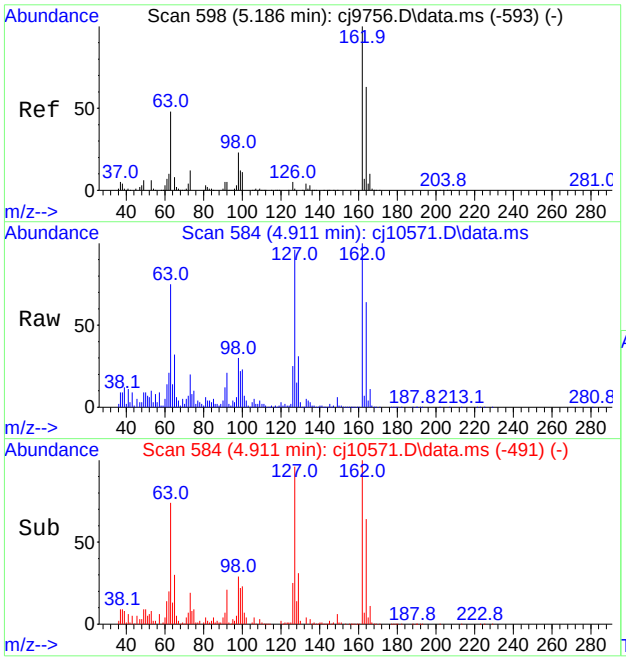


#33
2,4-Dichlorophenol
Concen: 39.9876 ppm
RT: 4.793 min Scan# 562
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:162 Resp: 99860

Ion	Ratio	Lower	Upper
162	100		
164	65.6	36.4	96.4
98	38.9	4.0	64.0

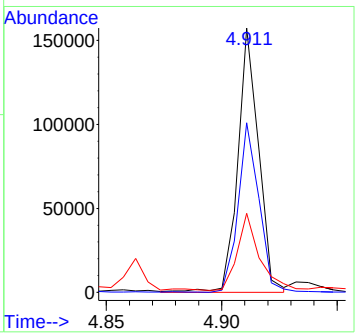


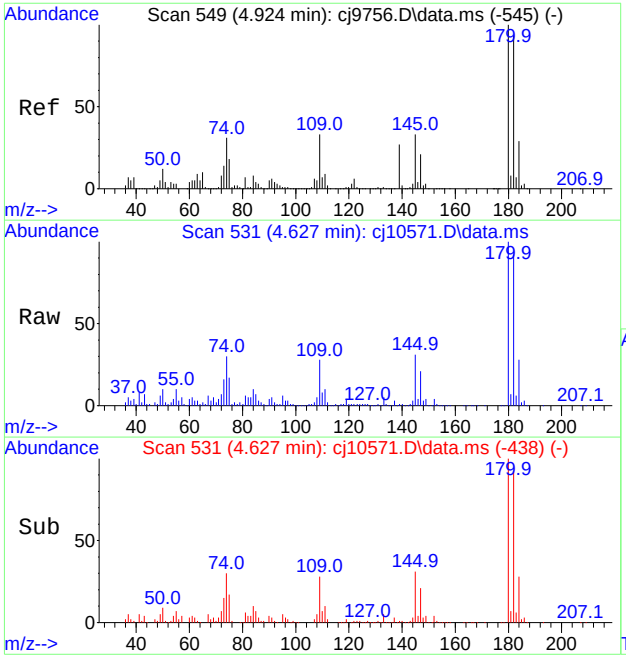


#34
2,6-Dichlorophenol
Concen: 39.4433 ppm
RT: 4.911 min Scan# 584
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:162 Resp: 98250

Ion	Ratio	Lower	Upper
162	100		
164	64.1	35.0	95.0
98	28.1	0.0	54.7

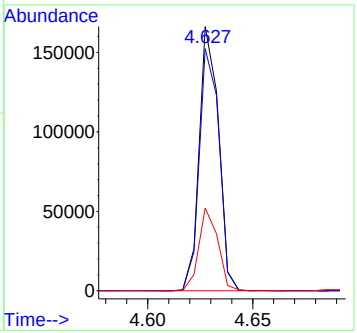


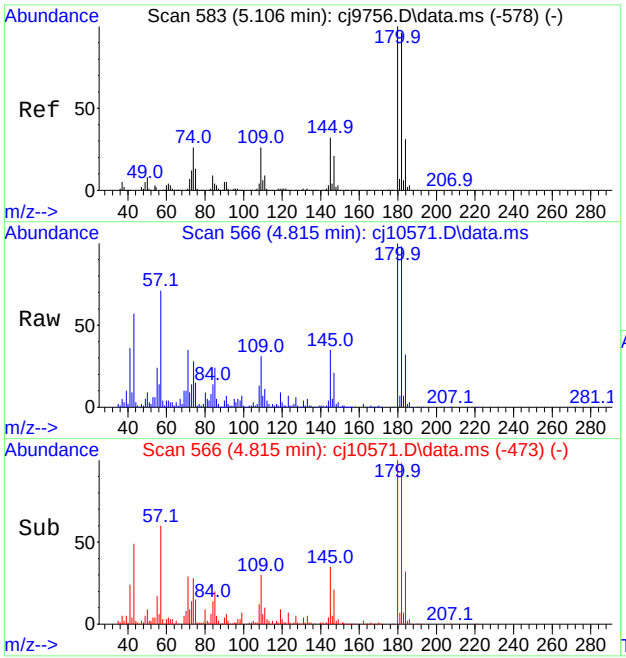


#35
1,3,5-Trichlorobenzene
Concen: 37.4378 ppm
RT: 4.627 min Scan# 531
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:180 Resp: 106647

Ion	Ratio	Lower	Upper
180	100		
182	91.6	65.1	125.1
145	31.3	2.5	62.5

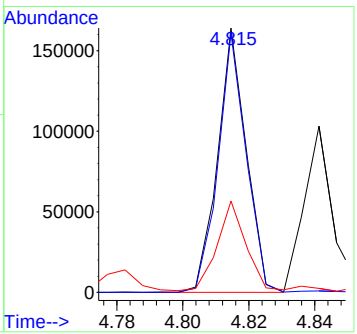


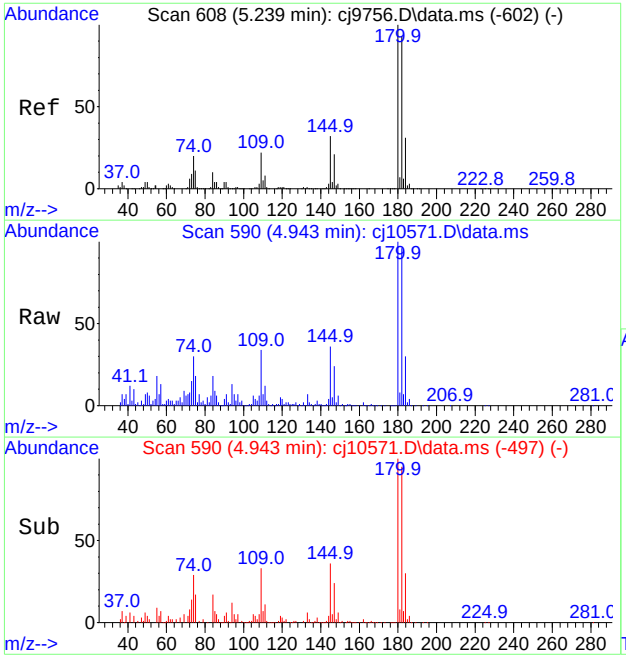


#36
1,2,4-Trichlorobenzene
Concen: 37.1320 ppm
RT: 4.815 min Scan# 566
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:180 Resp: 99512

Ion	Ratio	Lower	Upper
180	100		
182	98.1	63.0	123.0
145	33.6	1.9	61.9

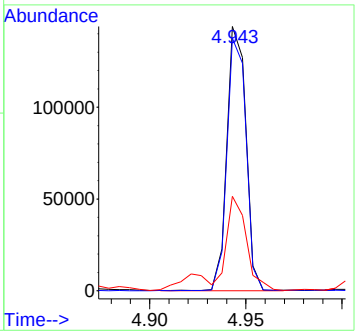


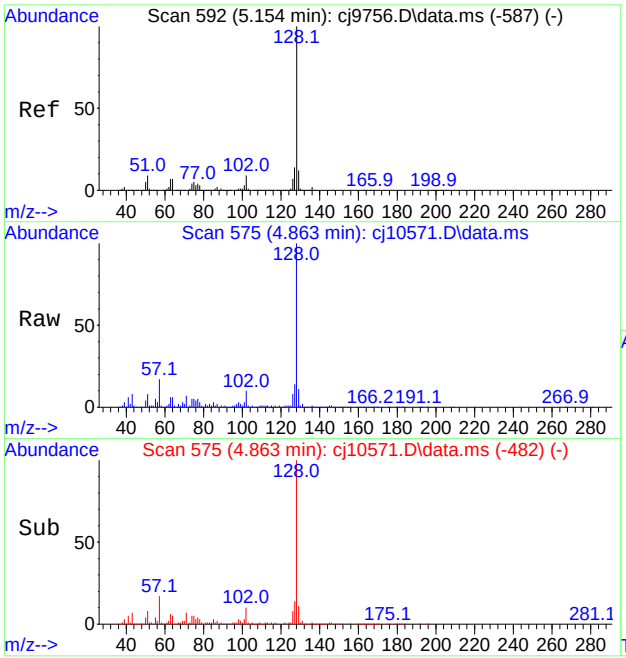


#37
1,2,3-Trichlorobenzene
Concen: 37.1579 ppm
RT: 4.943 min Scan# 590
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:180 Resp: 99232

Ion	Ratio	Lower	Upper
180	100		
182	95.5	62.6	122.6
145	35.5	4.1	64.1

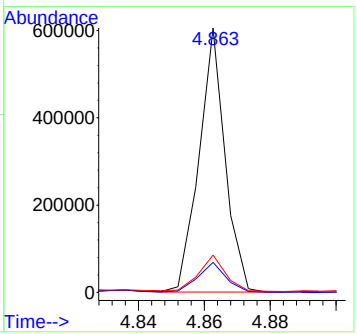


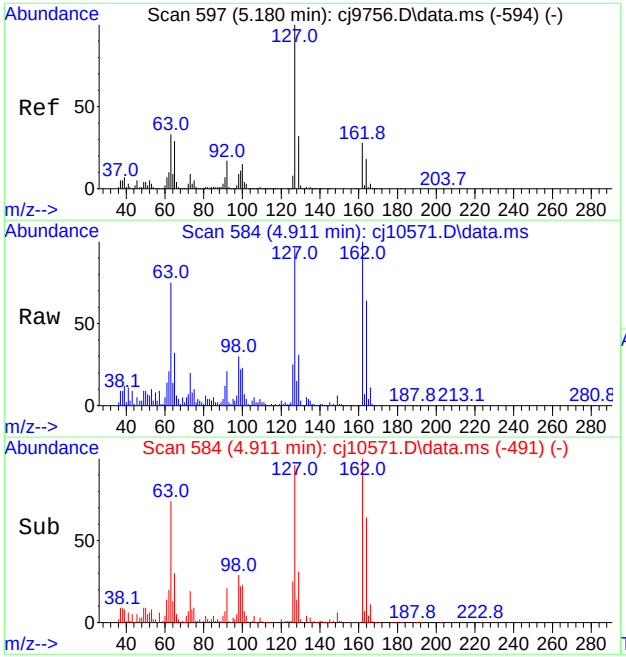


#38
Naphthalene
Concen: 36.3585 ppm
RT: 4.863 min Scan# 575
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:128 Resp: 333466

Ion	Ratio	Lower	Upper
128	100		
129	11.3	0.0	40.9
127	13.6	0.0	43.8

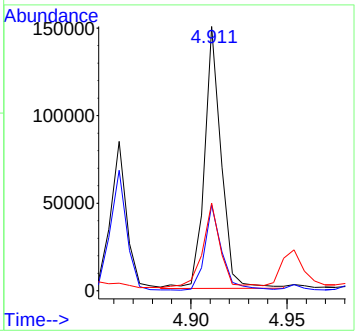


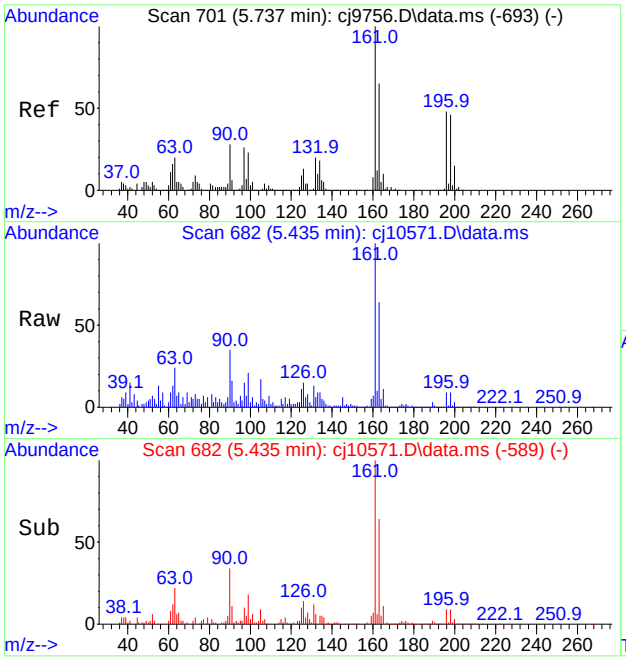


#39
4-Chloroaniline
Concen: 24.0921 ppm
RT: 4.911 min Scan# 584
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:127 Resp: 91228

Ion	Ratio	Lower	Upper
127	100		
129	32.4	1.3	61.3
65	26.9	0.0	58.3

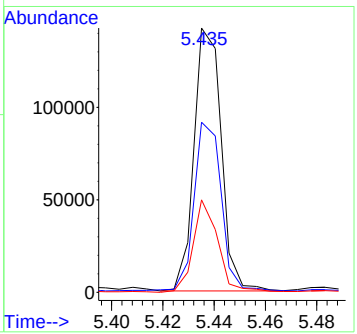


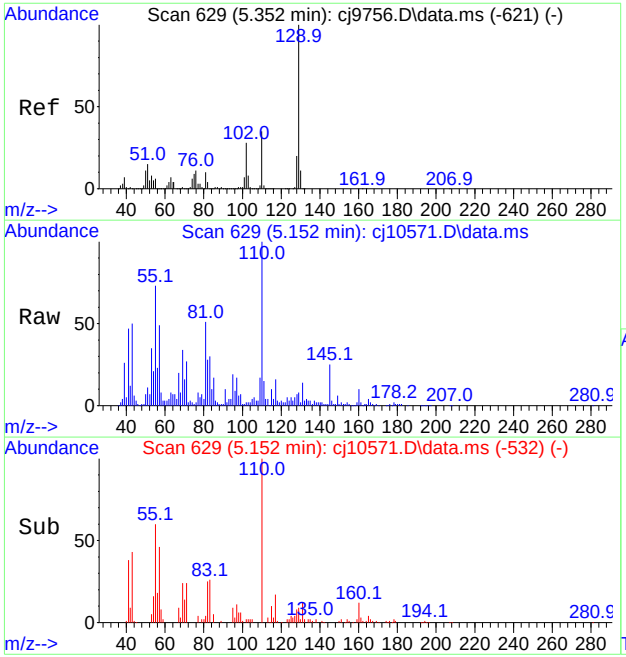


#40
2,3-Dichloroaniline
Concen: 36.3046 ppm
RT: 5.435 min Scan# 682
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:161 Resp: 104916

Ion	Ratio	Lower	Upper
161	100		
163	64.0	35.0	95.0
90	35.0	2.8	62.8

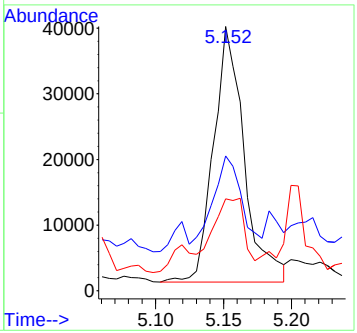


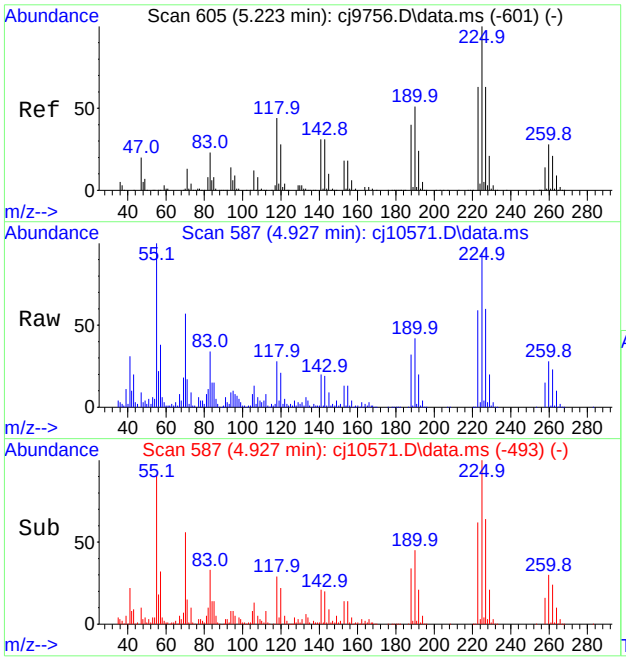


#41
Hydroquinone
Concen: 31.9898 ppm
RT: 5.152 min Scan# 629
Delta R.T. 0.021 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:110 Resp: 60772

Ion	Ratio	Lower	Upper
110	100		
81	35.0	1.6	61.6
53	23.8	0.0	53.5

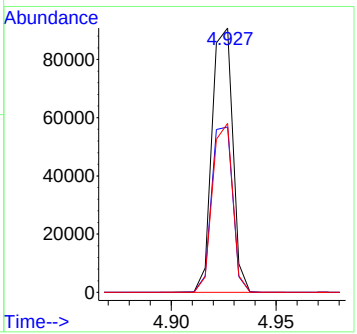


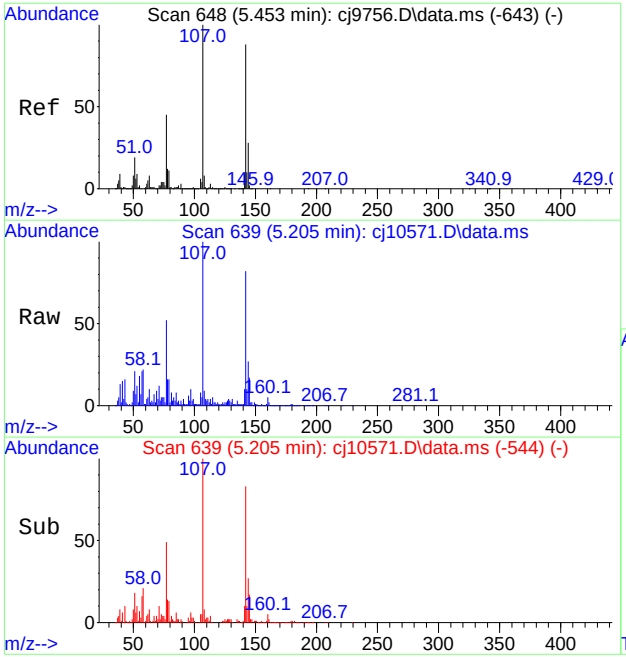


#42
Hexachlorobutadiene
Concen: 42.4491 ppm
RT: 4.927 min Scan# 587
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:225 Resp: 62629

Ion	Ratio	Lower	Upper
225	100		
223	62.5	33.9	93.9
227	63.9	31.9	91.9

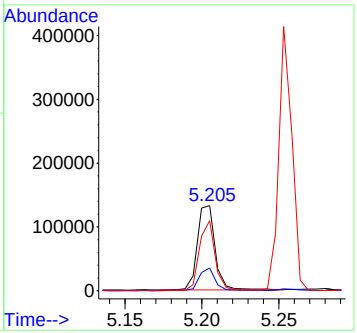


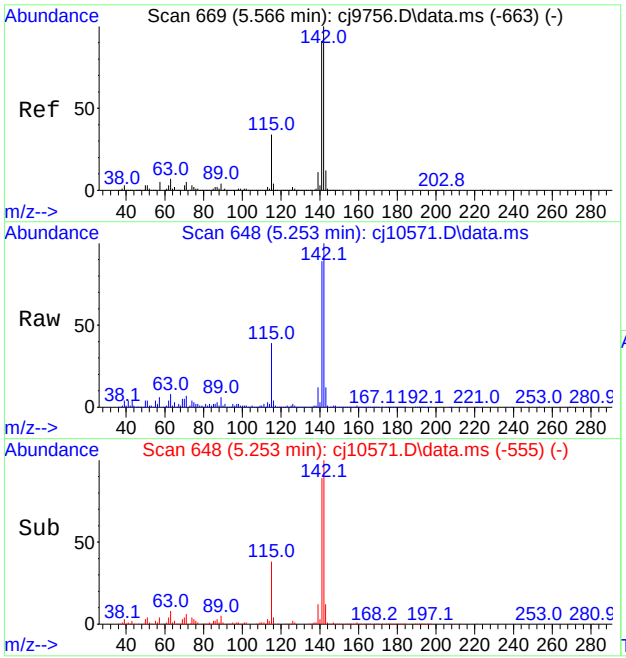


#43
4-Chloro-3-methylphenol
Concen: 41.2290 ppm
RT: 5.205 min Scan# 639
Delta R.T. 0.011 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:107 Resp: 107005

Ion	Ratio	Lower	Upper
107	100		
144	25.7	0.0	53.5
142	0.0	43.8	103.8#

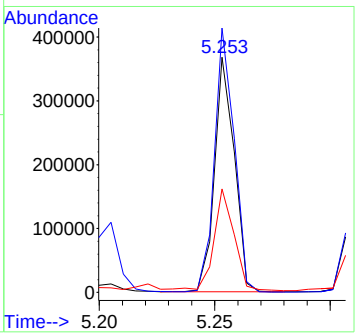


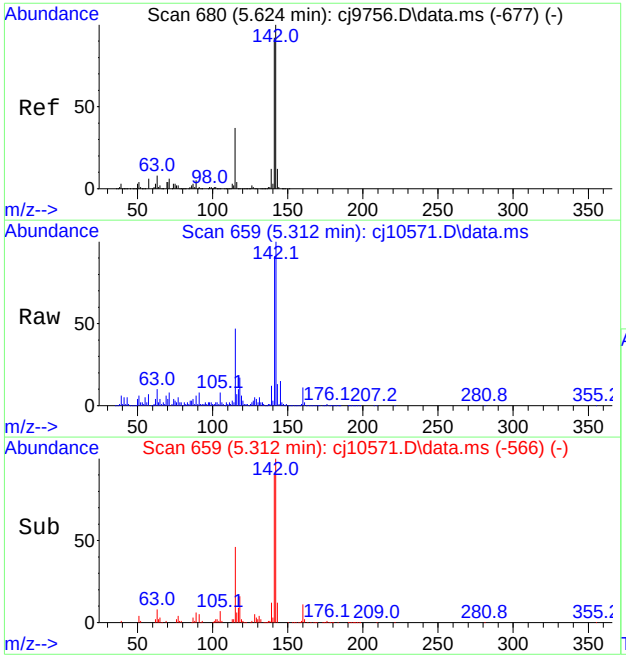


#44
2-Methylnaphthalene
Concen: 40.9294 ppm
RT: 5.253 min Scan# 648
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:141 Resp: 219647

Ion	Ratio	Lower	Upper
141	100		
142	112.5	82.6	142.6
115	43.1	11.3	71.3

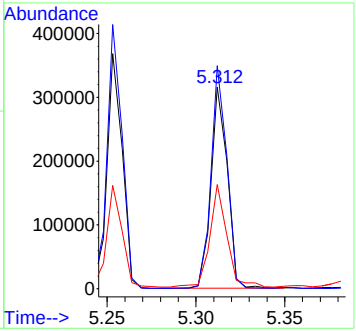


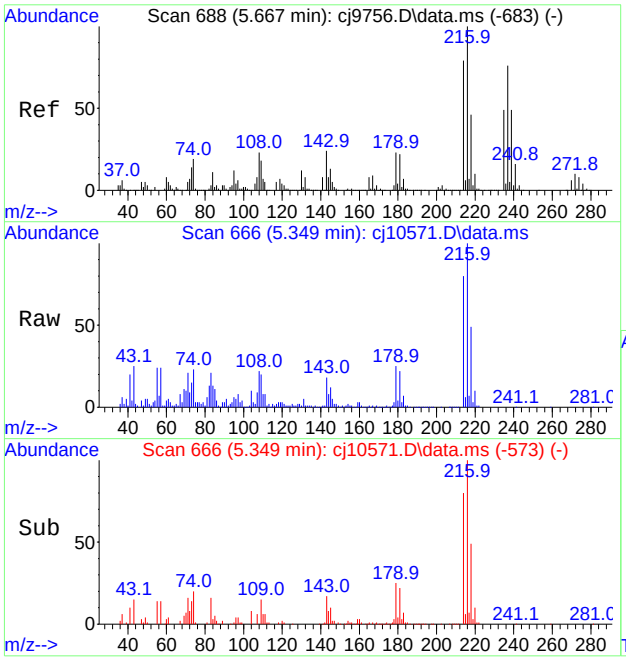


#45
1-Methylnaphthalene
Concen: 39.3556 ppm
RT: 5.312 min Scan# 659
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:141 Resp: 201976

Ion	Ratio	Lower	Upper
141	100		
142	110.4	78.7	138.7
115	50.8	12.3	72.3

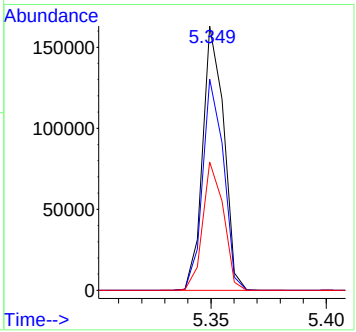


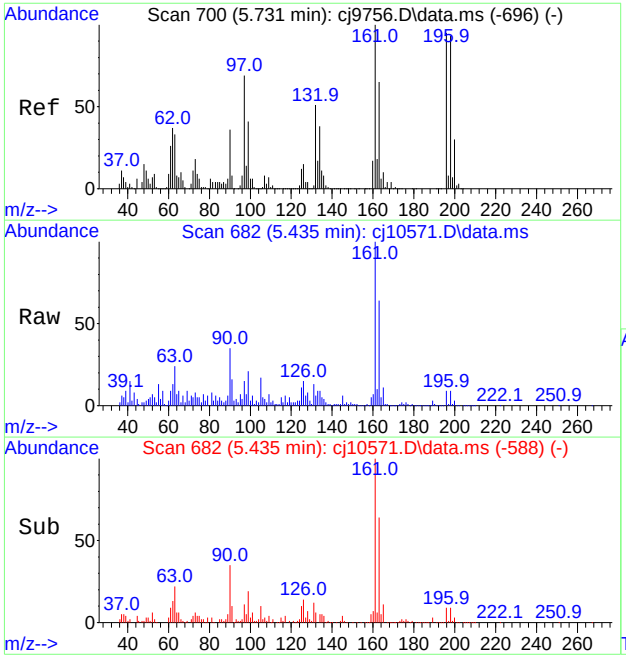


#48
1,2,4,5-tetrachlorobenzene
Concen: 40.0281 ppm
RT: 5.349 min Scan# 666
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:216 Resp: 104201

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.6	95.4
218	47.6	38.3	57.5

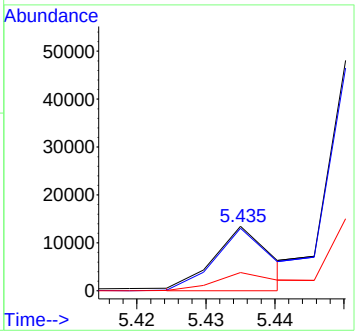


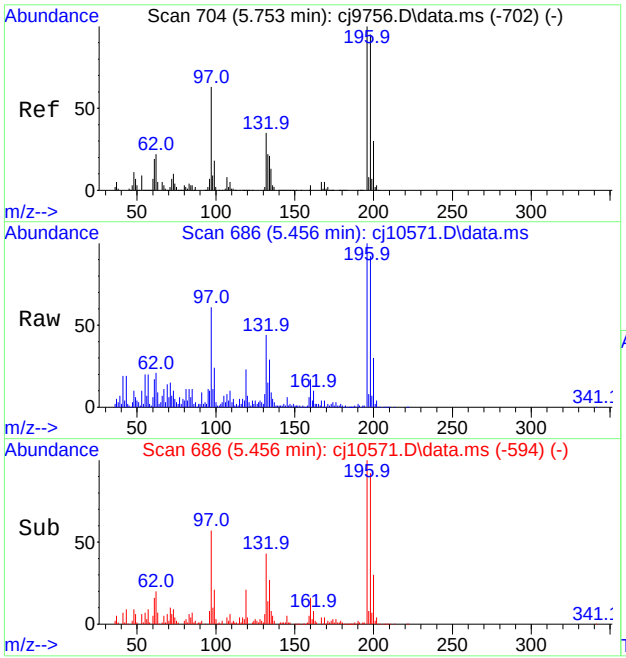


#49
2,4,6-Trichlorophenol
Concen: 4.2277 ppm m
RT: 5.435 min Scan# 682
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:196 Resp: 7752

Ion	Ratio	Lower	Upper
196	100		
198	96.9	64.3	124.3
200	28.5	0.0	59.2

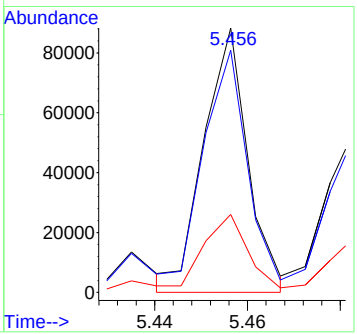


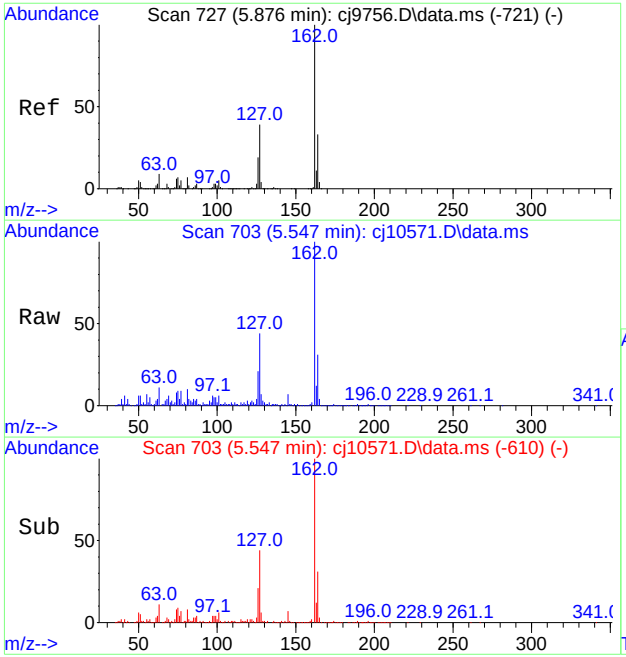


#50
2,4,5-Trichlorophenol
Concen: 31.8475 ppm m
RT: 5.456 min Scan# 686
Delta R.T. -0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:196 Resp: 58221

Ion	Ratio	Lower	Upper
196	100		
198	91.6	65.4	125.4
200	29.5	0.0	59.9

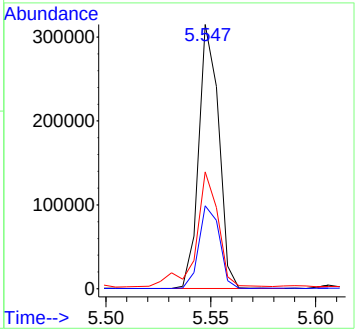


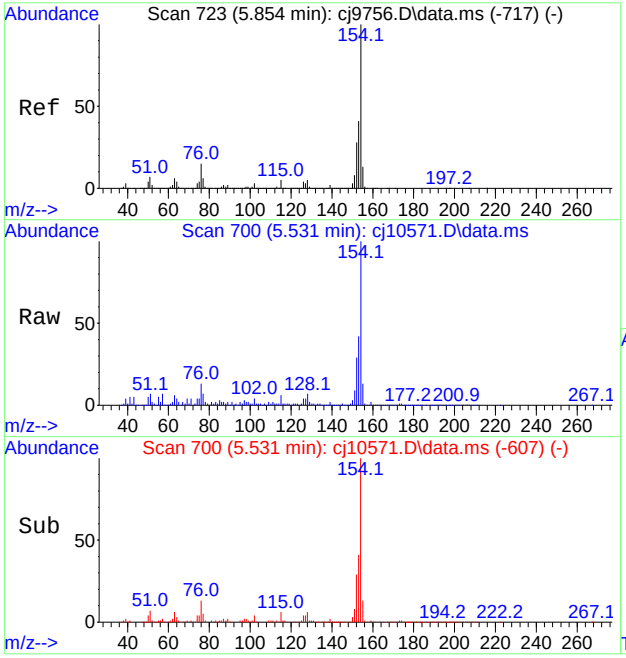


#52
2-Chloronaphthalene
Concen: 36.6379 ppm
RT: 5.547 min Scan# 703
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:162 Resp: 208417

Ion	Ratio	Lower	Upper
162	100		
164	31.2	2.3	62.3
127	42.4	14.6	74.6

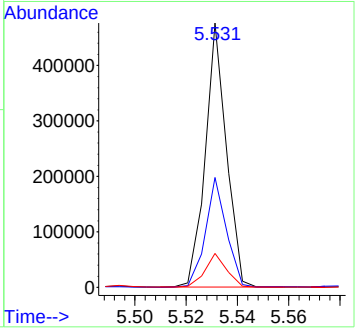


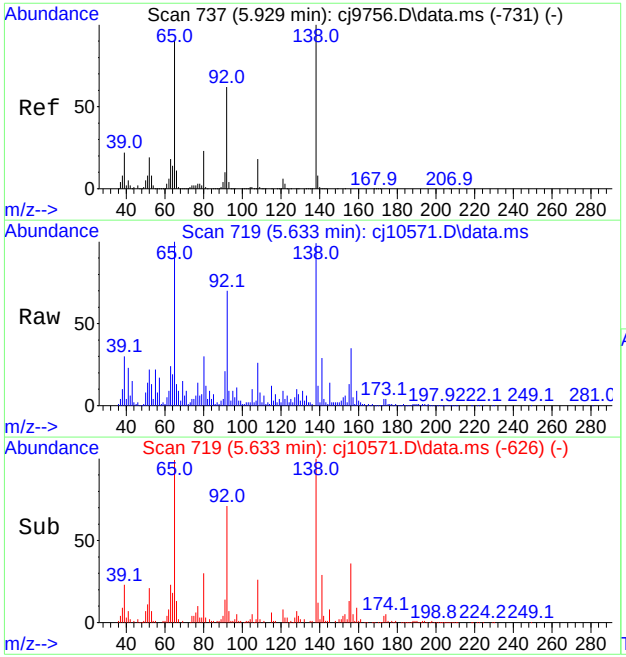


#53
Biphenyl
Concen: 36.5794 ppm
RT: 5.531 min Scan# 700
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:154 Resp: 272936

Ion	Ratio	Lower	Upper
154	100		
153	41.5	11.1	71.1
155	12.7	0.0	42.7

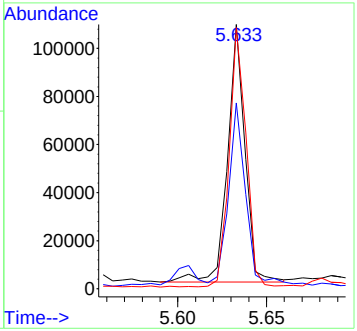


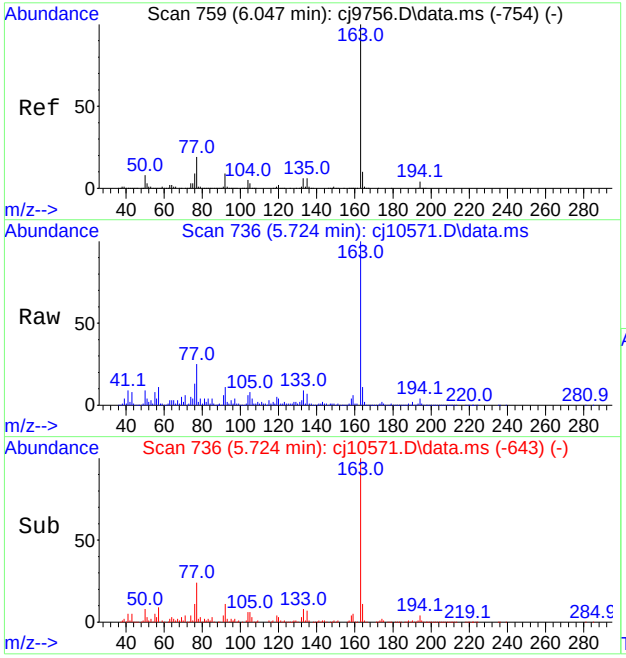


#54
2-Nitroaniline
Concen: 42.6227 ppm
RT: 5.633 min Scan# 719
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 65 Resp: 72980

Ion	Ratio	Lower	Upper
65	100		
92	70.3	39.4	99.4
138	101.0	81.7	141.7

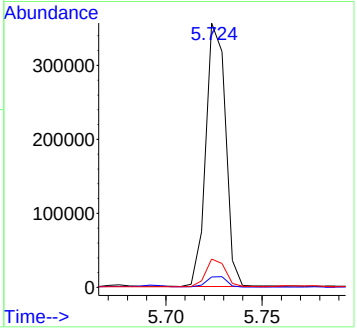


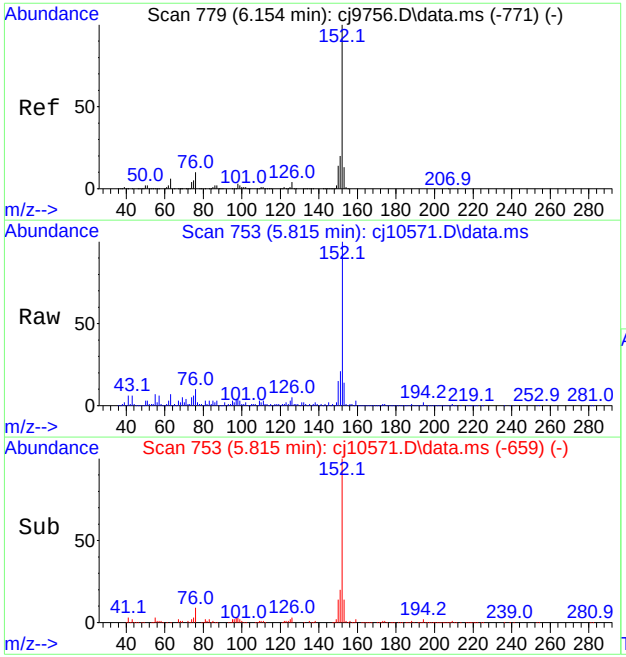


#55
Dimethylphthalate
Concen: 38.1757 ppm
RT: 5.724 min Scan# 736
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:163 Resp: 254065

Ion	Ratio	Lower	Upper
163	100		
194	3.6	0.0	33.8
164	10.3	0.0	40.3

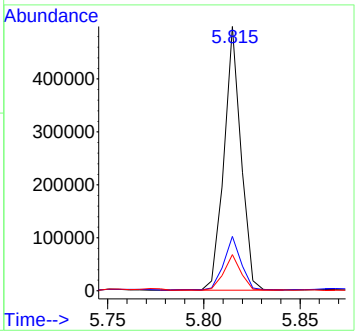


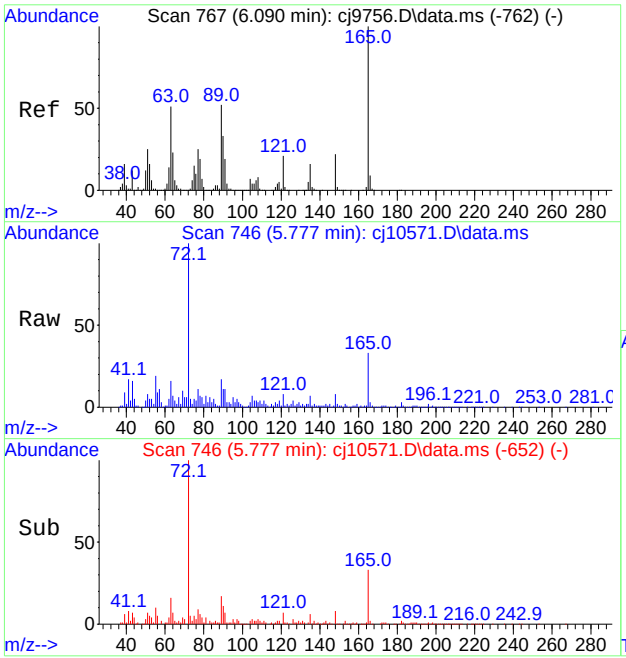


#56
Acenaphthylene
Concen: 37.3197 ppm
RT: 5.815 min Scan# 753
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:152 Resp: 307527

Ion	Ratio	Lower	Upper
152	100		
151	20.3	0.0	50.6
153	13.2	0.0	43.6

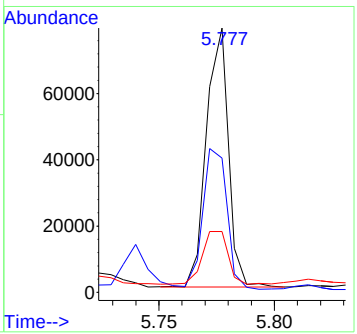


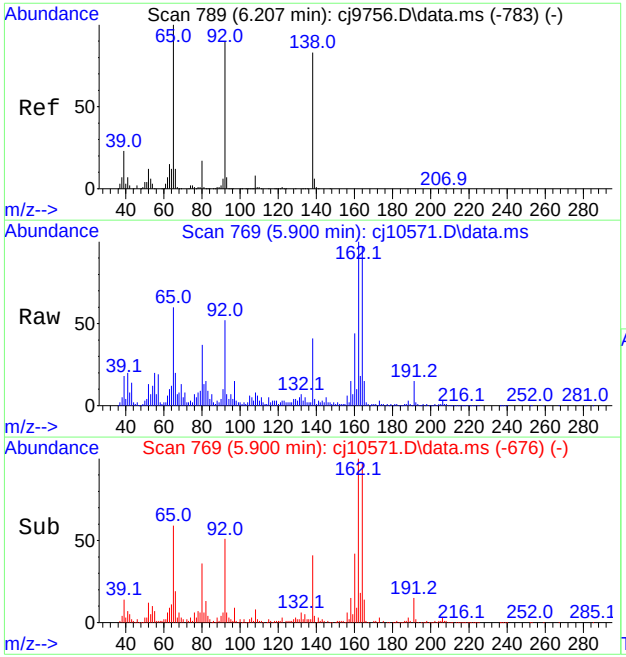


#57
2,6-Dinitrotoluene
Concen: 40.0797 ppm
RT: 5.777 min Scan# 746
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:165 Resp: 52071

Ion	Ratio	Lower	Upper
165	100		
89	49.1	29.3	89.3
121	20.1	0.0	52.4

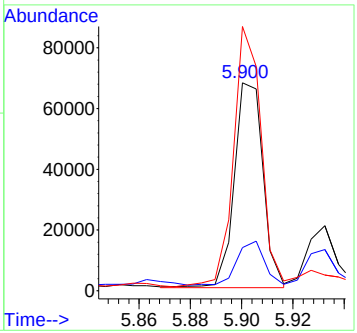


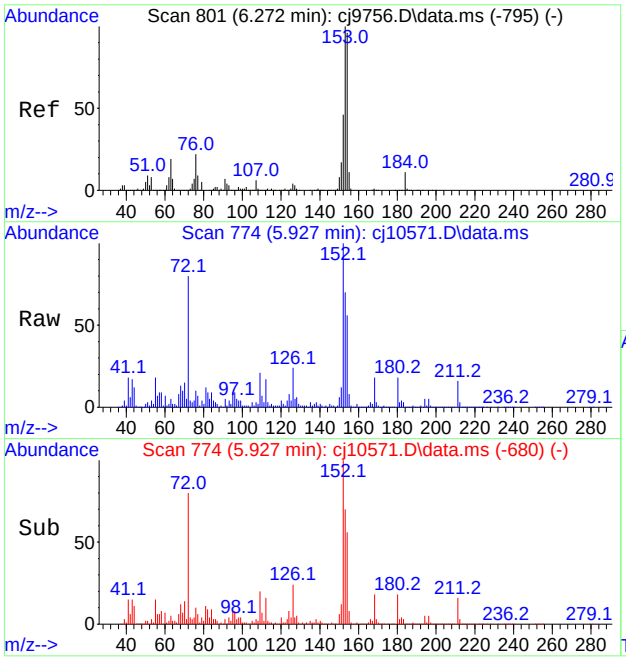


#58
3-Nitroaniline
Concen: 33.2031 ppm
RT: 5.900 min Scan# 769
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:138 Resp: 52553

Ion	Ratio	Lower	Upper
138	100		
108	17.4	0.0	47.1
92	126.8	89.1	149.1

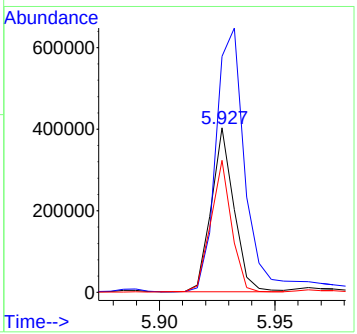


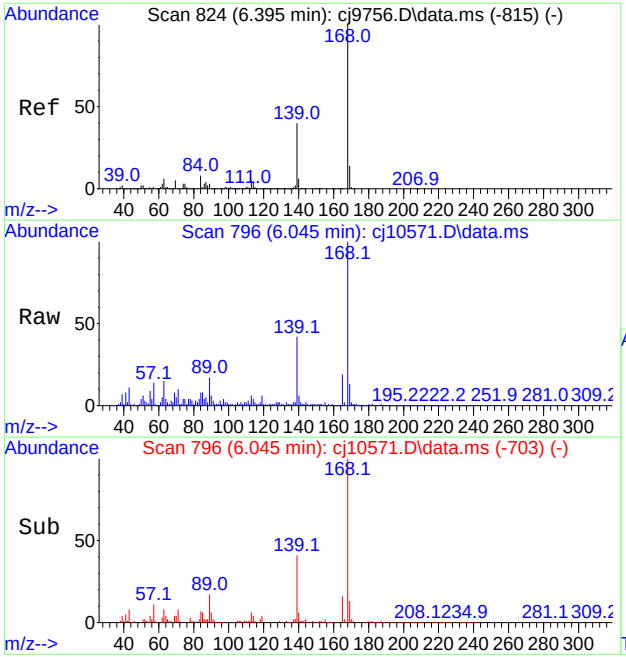


#59
Acenaphthene
Concen: 46.0975 ppm
RT: 5.927 min Scan# 774
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:153 Resp: 275348

Ion	Ratio	Lower	Upper
153	100		
152	140.9	17.2	77.2#
154	80.5	49.3	109.3

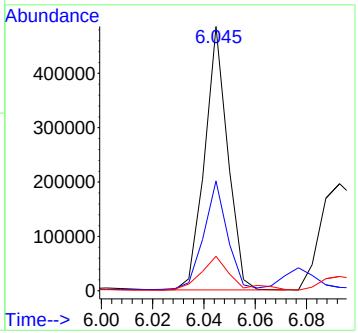


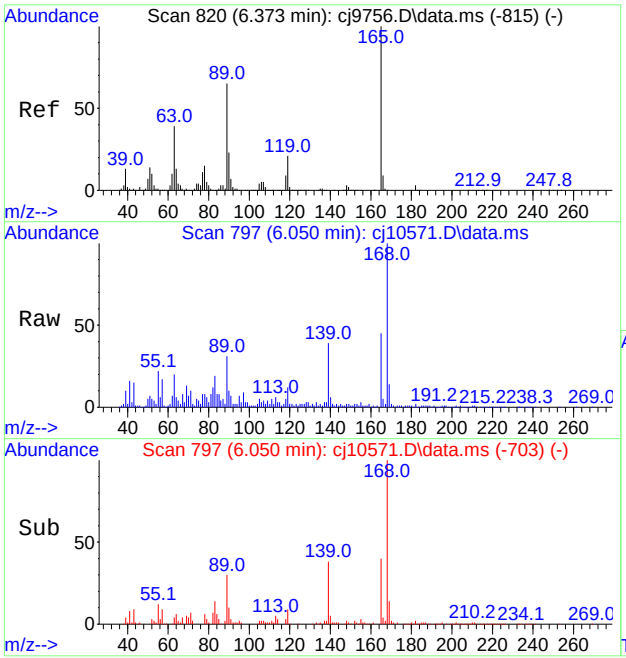


#62
Dibenzofuran
Concen: 37.9137 ppm
RT: 6.045 min Scan# 796
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:168 Resp: 304093

Ion	Ratio	Lower	Upper
168	100		
139	38.7	21.8	81.8
169	12.7	0.0	42.4

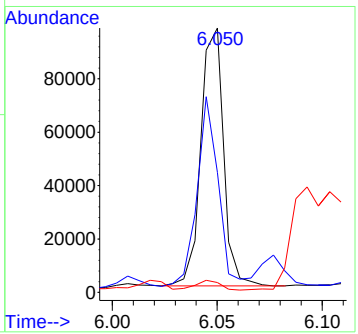


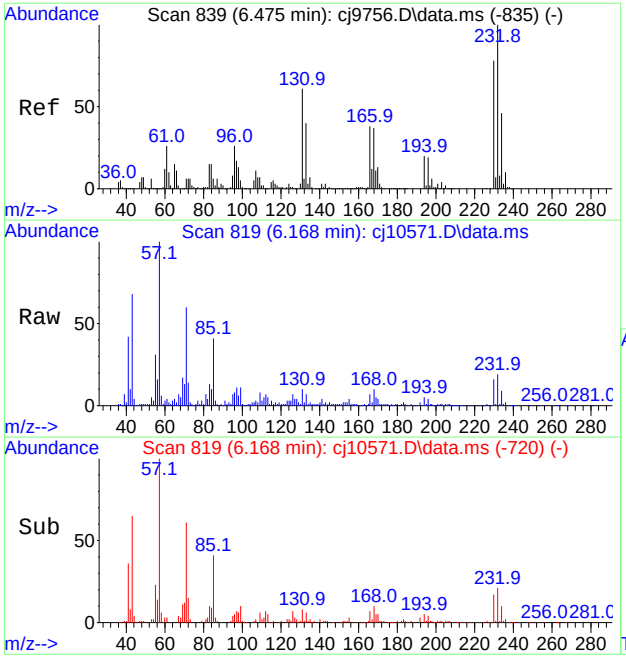


#63
2,4-Dinitrotoluene
Concen: 40.3625 ppm
RT: 6.050 min Scan# 797
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:165 Resp: 72900

Ion	Ratio	Lower	Upper
165	100		
63	41.2	36.6	96.6
182	0.0	0.0	33.0

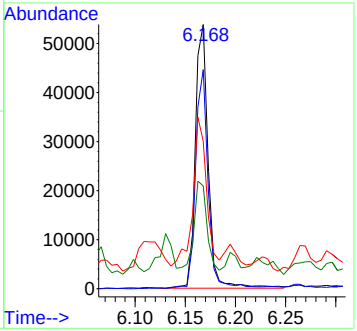


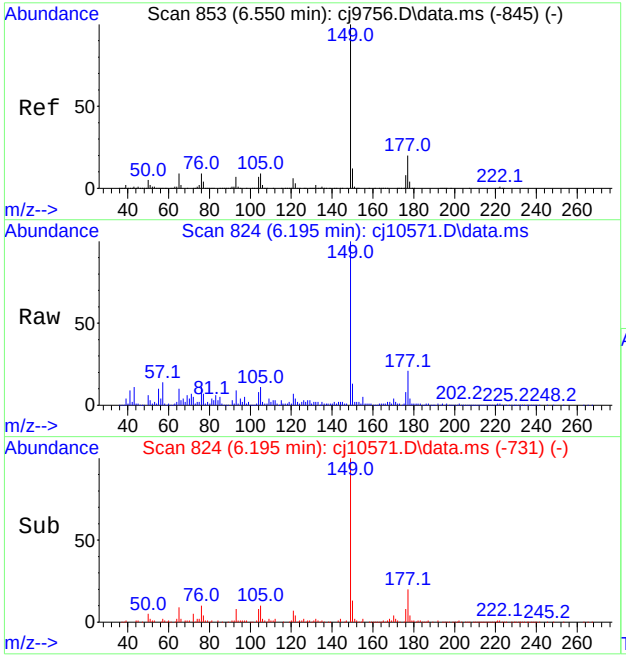


#64
2,3,4,6-Tetrachlorophenol
Concen: 33.1188 ppm
RT: 6.168 min Scan# 819
Delta R.T. 0.032 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:232 Resp: 48401

Ion	Ratio	Lower	Upper
232	100		
230	82.8	49.8	109.8
131	44.5	33.5	93.5
133	30.3	10.6	70.6

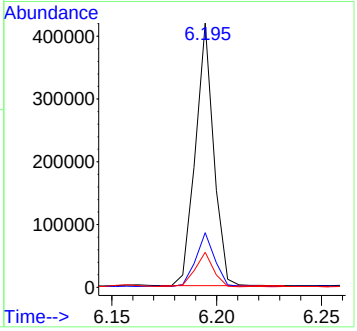


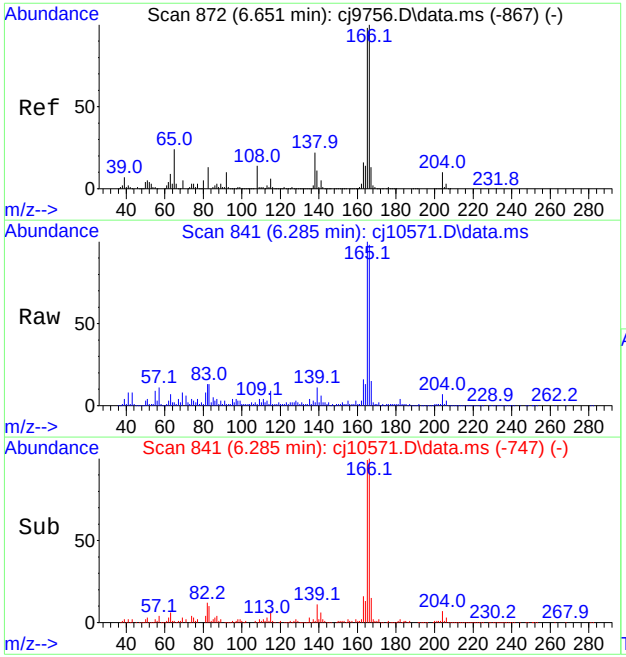


#65
Diethylphthalate
Concen: 36.6877 ppm
RT: 6.195 min Scan# 824
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:149 Resp: 253123

Ion	Ratio	Lower	Upper
149	100		
177	20.4	0.0	50.4
150	13.0	0.0	42.1

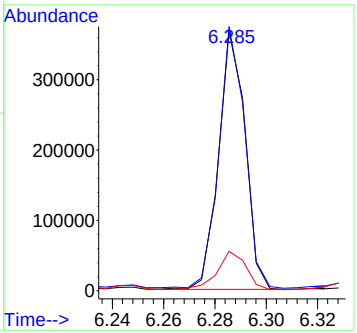


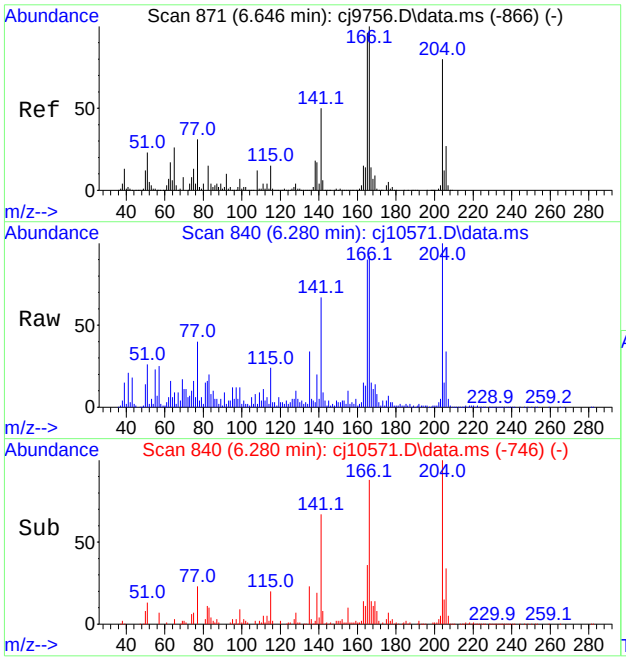


#66
Fluorene
Concen: 41.3652 ppm
RT: 6.285 min Scan# 841
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:166 Resp: 265176

Ion	Ratio	Lower	Upper
166	100		
165	101.5	70.0	130.0
167	14.9	0.0	44.0

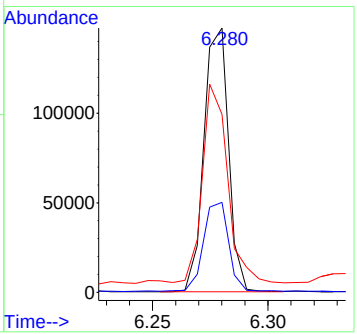


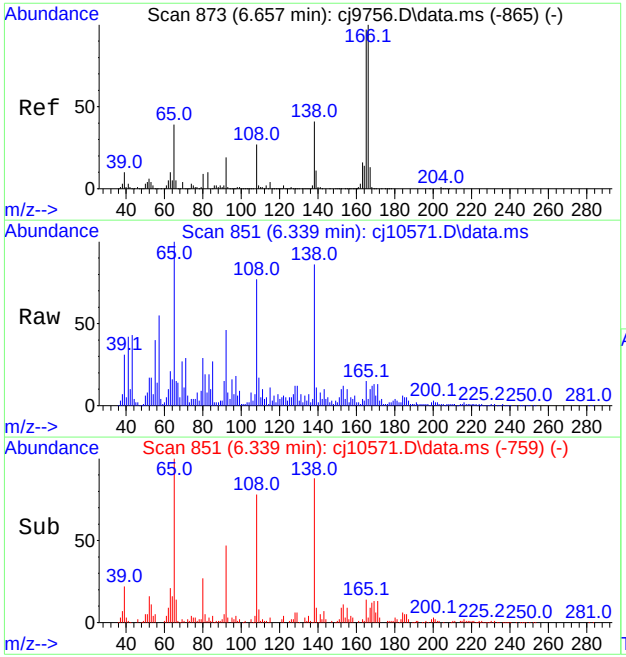


#67
4-Chlorophenyl-phenylether
Concen: 37.9550 ppm
RT: 6.280 min Scan# 840
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:204 Resp: 109130

Ion	Ratio	Lower	Upper
204	100		
206	33.6	3.2	63.2
141	63.5	38.1	98.1

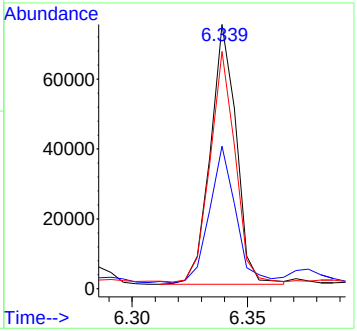


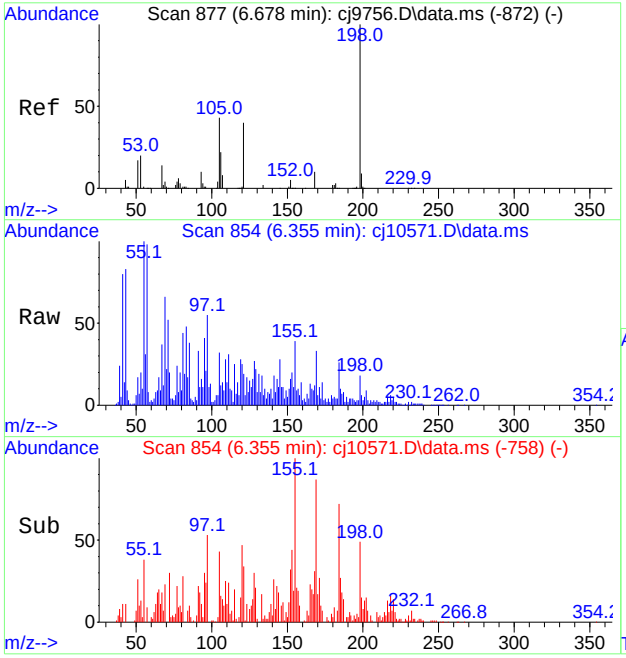


#68
4-Nitroaniline
Concen: 35.2413 ppm
RT: 6.339 min Scan# 851
Delta R.T. -0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:138 Resp: 58349

Ion	Ratio	Lower	Upper
138	100		
92	51.6	18.8	78.8
108	89.0	57.9	117.9

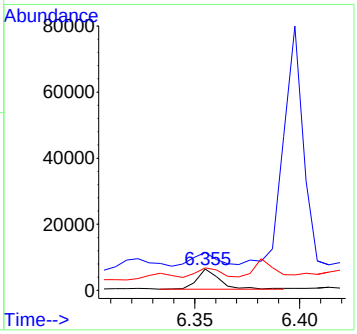


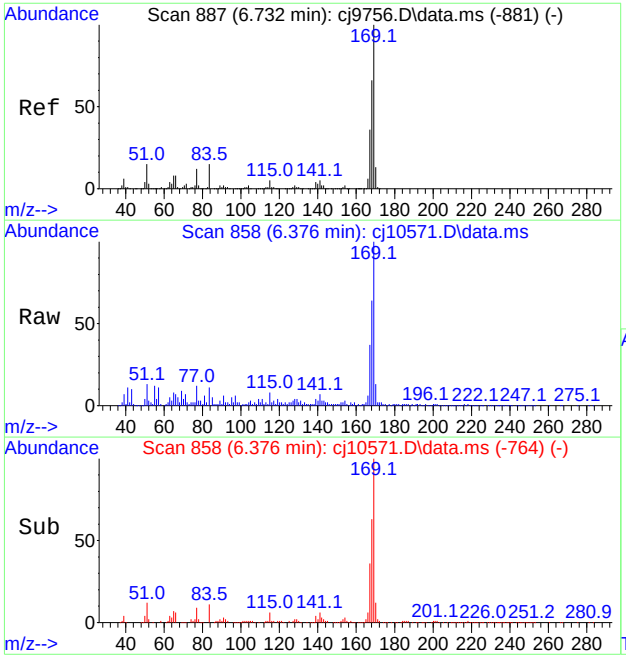


#70
4,6-Dinitro-2-methylphenol
Concen: 5.8984 ppm
RT: 6.355 min Scan# 854
Delta R.T. 0.016 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:198 Resp: 4541

Ion	Ratio	Lower	Upper
198	100		
105	0.0	15.4	75.4#
121	31.0	15.6	75.6

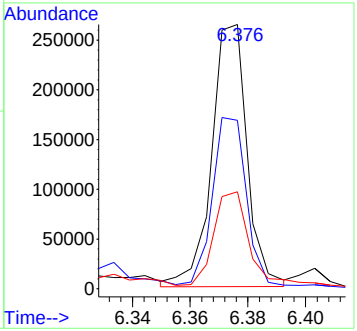


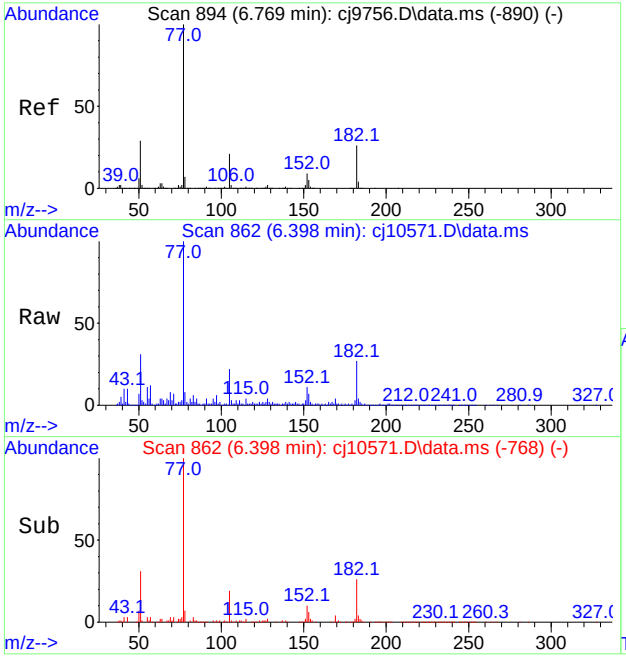


#71
n-Nitrosodiphenylamine
Concen: 38.8205 ppm
RT: 6.376 min Scan# 858
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:169 Resp: 225423

Ion	Ratio	Lower	Upper
169	100		
168	63.4	38.6	98.6
167	34.4	7.2	67.2

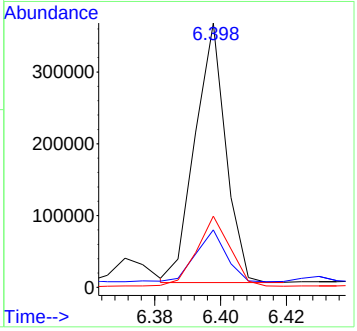


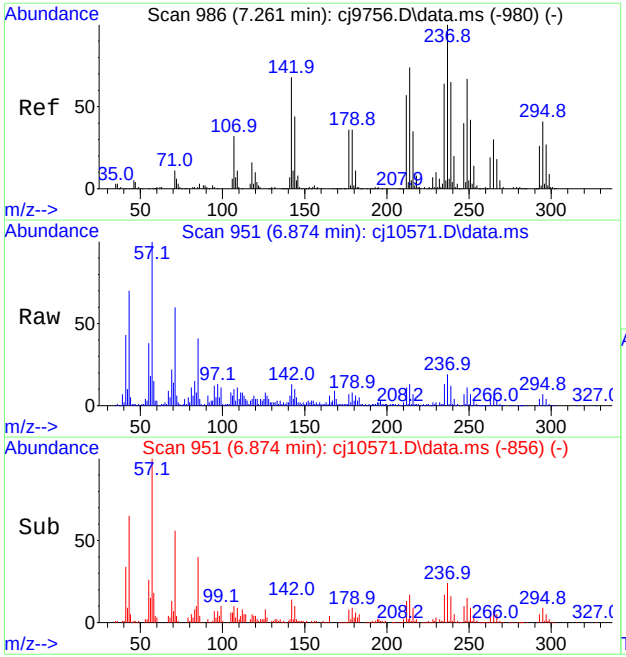


#72
1,2-Diphenylhydrazine
Concen: 33.1765 ppm
RT: 6.398 min Scan# 862
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 77 Resp: 234842

Ion	Ratio	Lower	Upper
77	100		
105	19.9	0.0	49.4
182	27.0	0.0	52.0

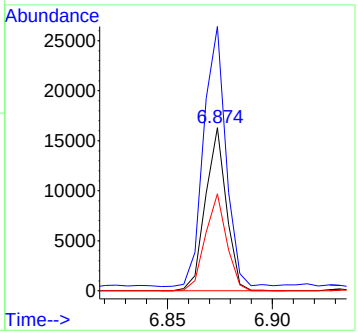


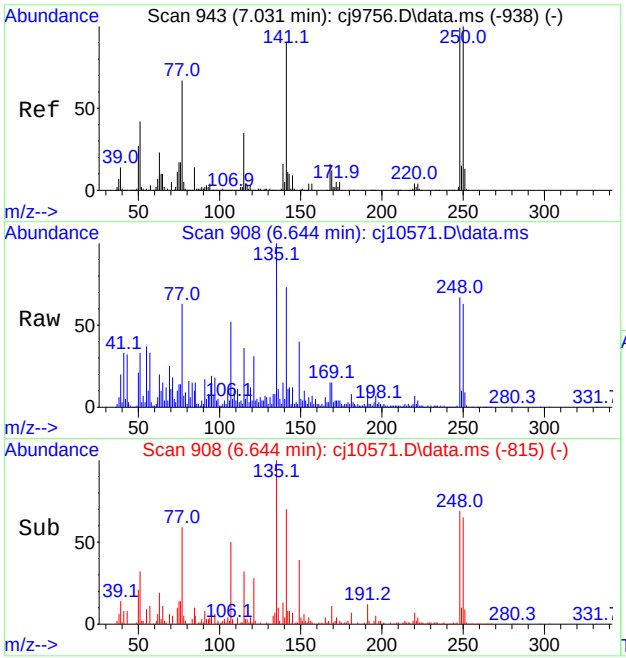


#73
pentachloronitrobenzene
Concen: 39.2050 ppm
RT: 6.874 min Scan# 951
Delta R.T. 0.011 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:295 Resp: 11310

Ion	Ratio	Lower	Upper
295	100		
249	173.9	140.9	211.3
297	60.5	50.8	76.2

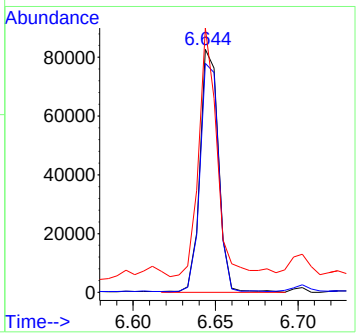


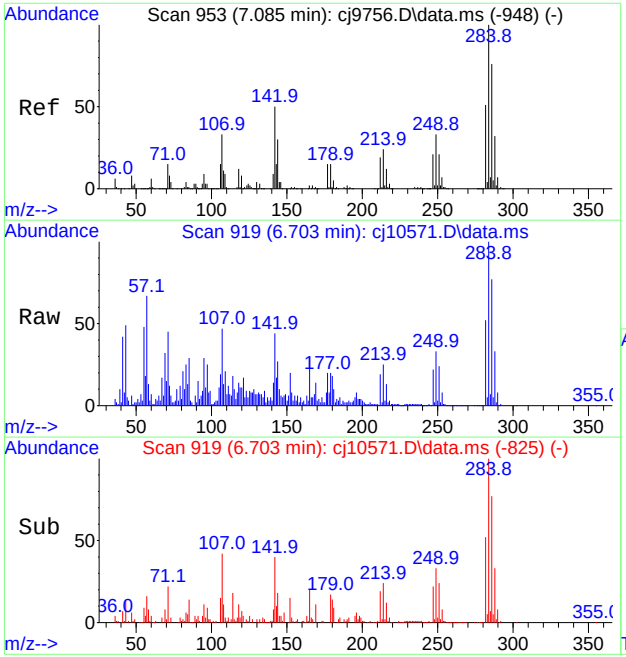


#75
4-Bromophenyl-phenylether
Concen: 38.6705 ppm
RT: 6.644 min Scan# 908
Delta R.T. 0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:248 Resp: 65416

Ion	Ratio	Lower	Upper
248	100		
250	93.8	67.5	127.5
141	100.0	52.3	112.3

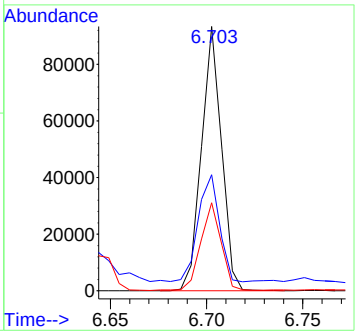


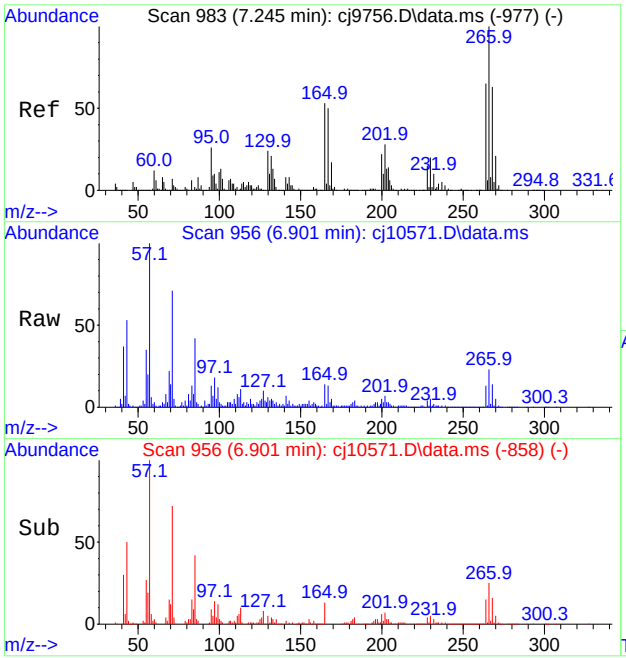


#76
Hexachlorobenzene
Concen: 37.6253 ppm
RT: 6.703 min Scan# 919
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:284 Resp: 68004

Ion	Ratio	Lower	Upper
284	100		
142	40.1	6.9	66.9
249	33.0	2.7	62.7

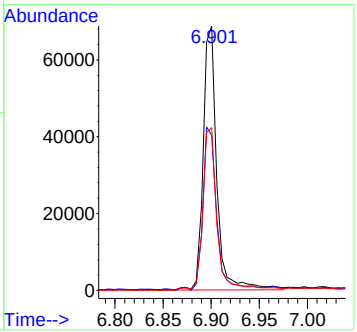


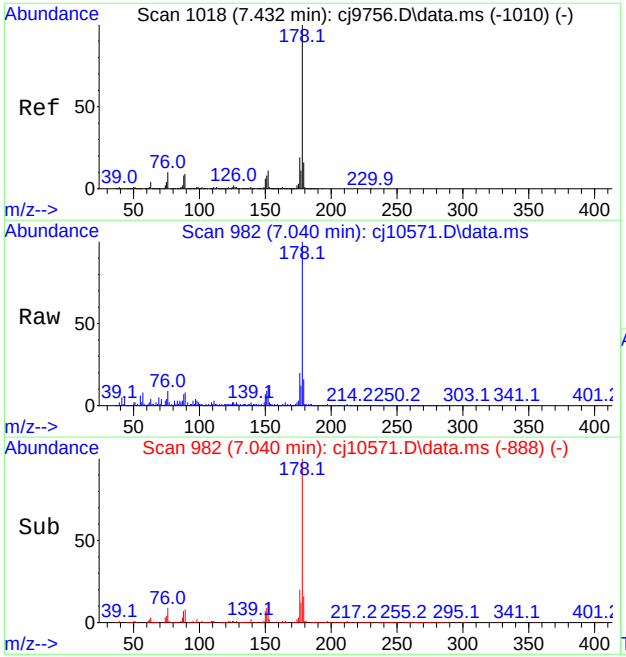


#77
Pentachlorophenol
Concen: 56.8971 ppm
RT: 6.901 min Scan# 956
Delta R.T. 0.027 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:266 Resp: 67922

Ion	Ratio	Lower	Upper
266	100		
264	58.5	36.3	96.3
268	61.7	35.6	95.6

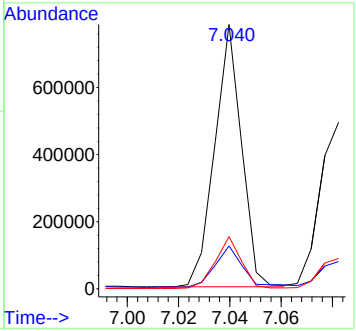


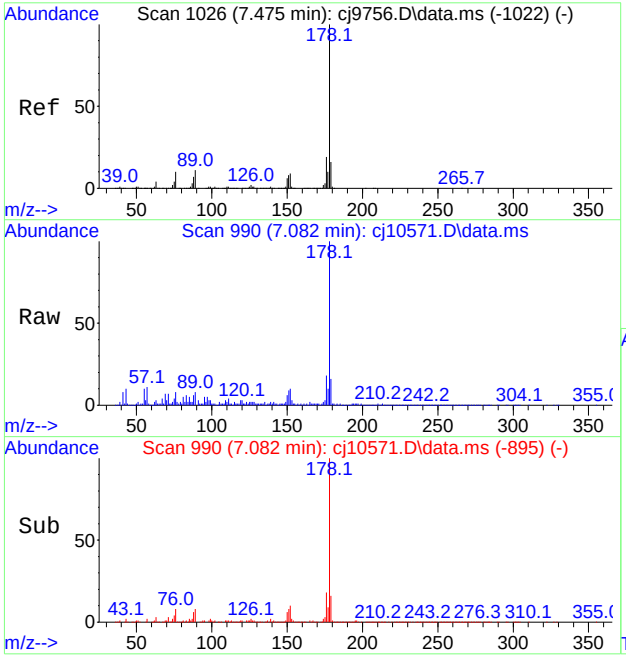


#78
Phenanthrene
Concen: 56.5268 ppm
RT: 7.040 min Scan# 982
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:178 Resp: 568750

Ion	Ratio	Lower	Upper
178	100		
179	15.3	0.0	45.5
176	19.6	0.0	49.9

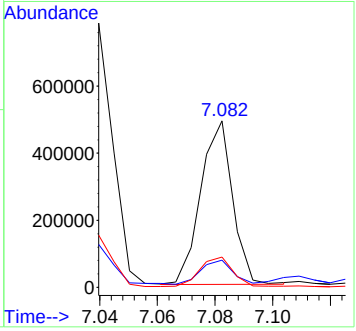


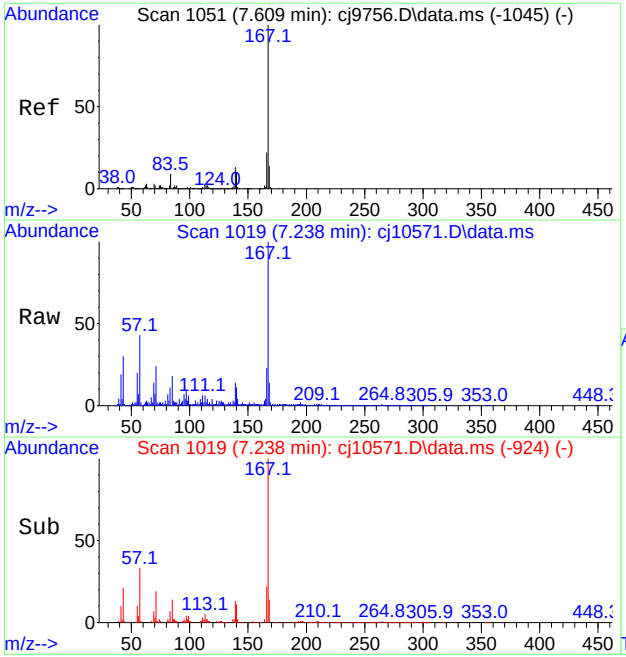


#79
Anthracene
Concen: 37.3663 ppm
RT: 7.082 min Scan# 990
Delta R.T. 0.011 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:178 Resp: 375162

Ion	Ratio	Lower	Upper
178	100		
179	12.6	0.0	45.8
176	18.0	0.0	48.7

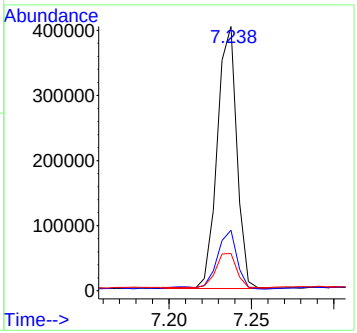


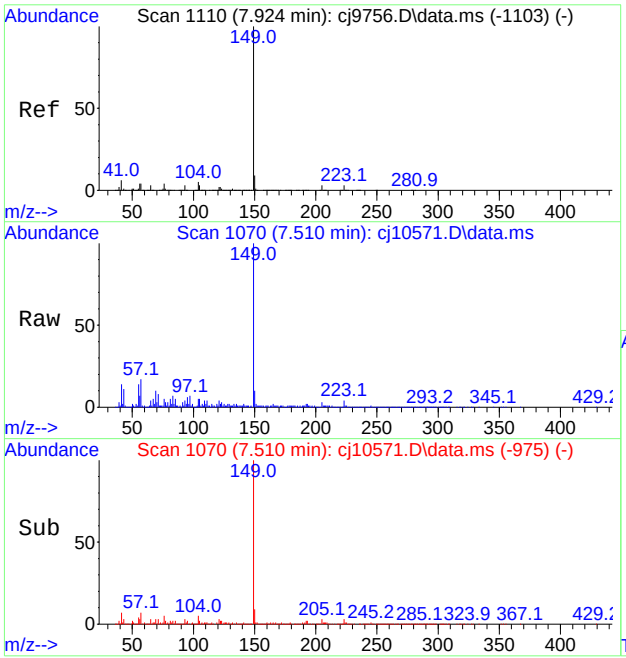


#80
Carbazole
Concen: 34.0569 ppm
RT: 7.238 min Scan# 1019
Delta R.T. 0.011 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:167 Resp: 332527

Ion	Ratio	Lower	Upper
167	100		
166	22.2	0.0	51.8
139	12.8	0.0	44.2

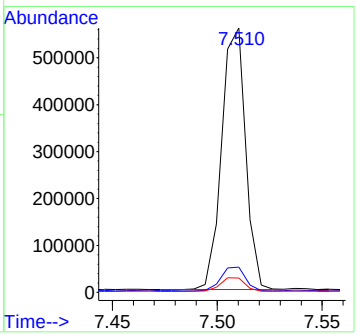


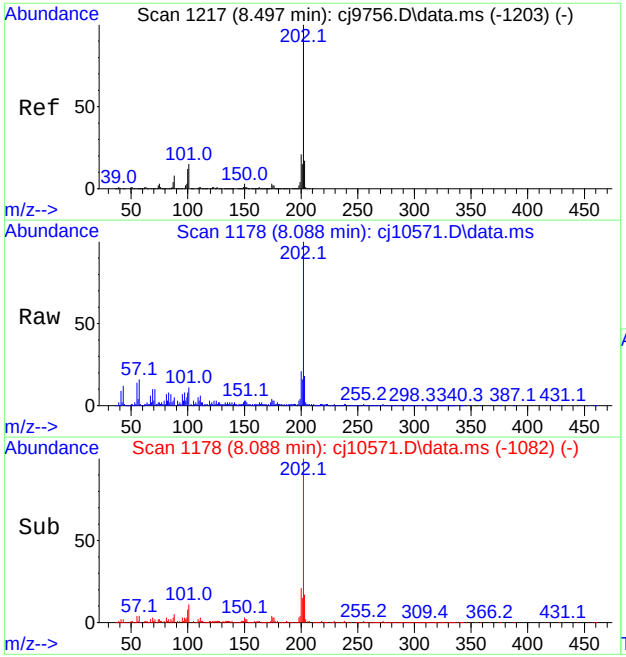


#81
Di-n-butylphthalate
Concen: 36.5931 ppm
RT: 7.510 min Scan# 1070
Delta R.T. 0.011 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:149 Resp: 444226

Ion	Ratio	Lower	Upper
149	100		
150	9.0	0.0	39.1
104	5.1	0.0	35.0

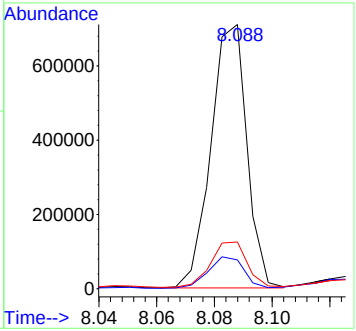


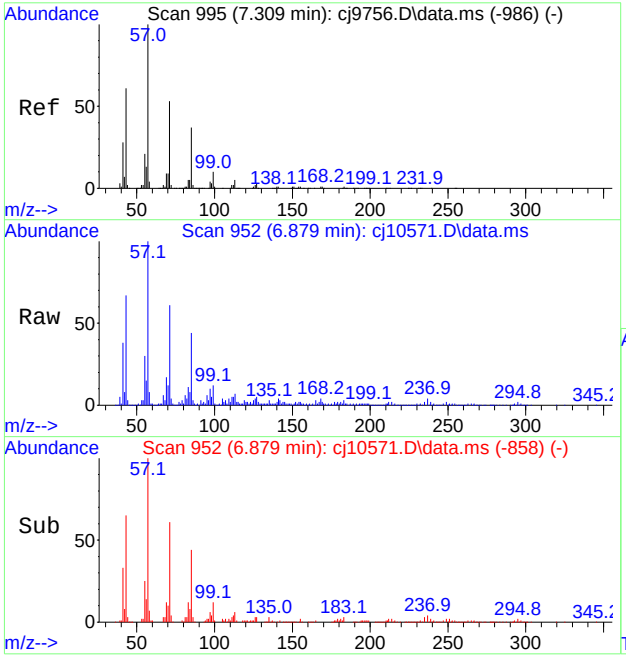


#82
Fluoranthene
Concen: 59.0659 ppm
RT: 8.088 min Scan# 1178
Delta R.T. 0.016 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:202 Resp: 614680

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	41.2
203	17.1	0.0	46.8

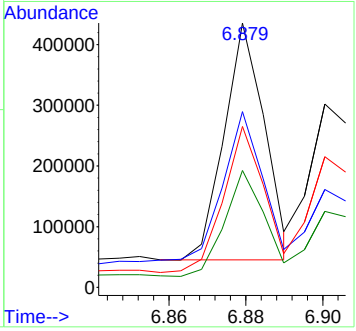


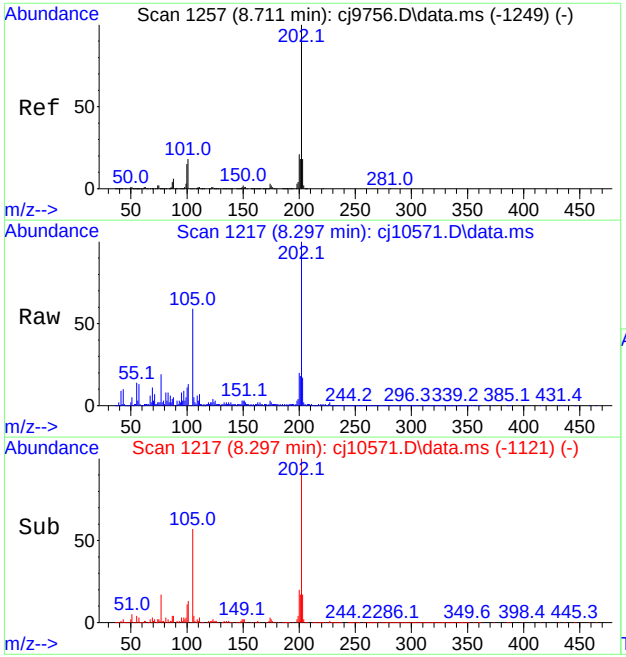


#83
Octadecane
Concen: 50.7370 ppm
RT: 6.879 min Scan# 952
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 57 Resp: 285248

Ion	Ratio	Lower	Upper
57	100		
43	64.3	32.3	92.3
71	61.3	34.9	94.9
85	44.3	15.7	75.7

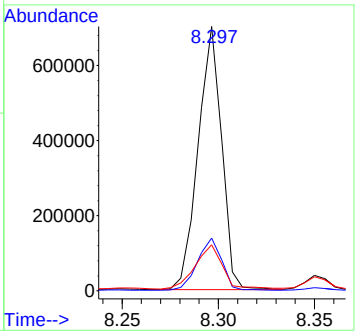


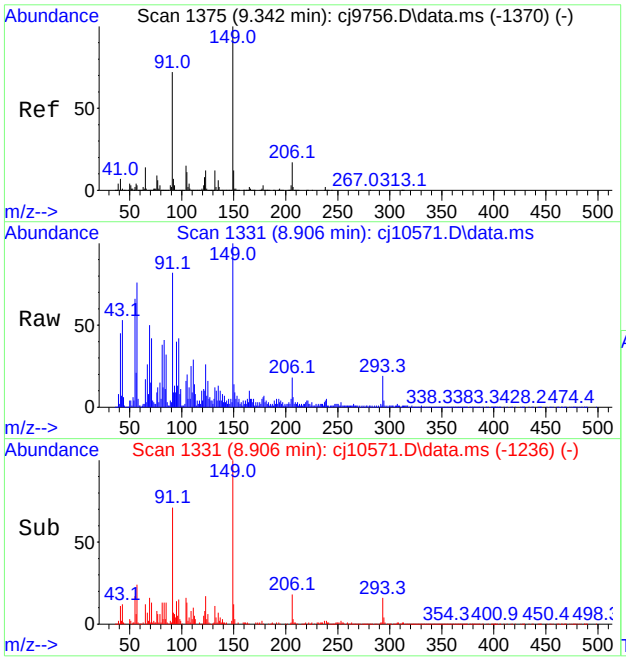


#86
Pyrene
Concen: 51.3092 ppm
RT: 8.297 min Scan# 1217
Delta R.T. 0.016 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:202 Resp: 598434

Ion	Ratio	Lower	Upper
202	100		
200	19.8	0.0	50.8
203	16.7	0.0	47.0

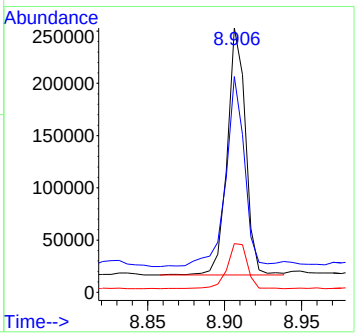


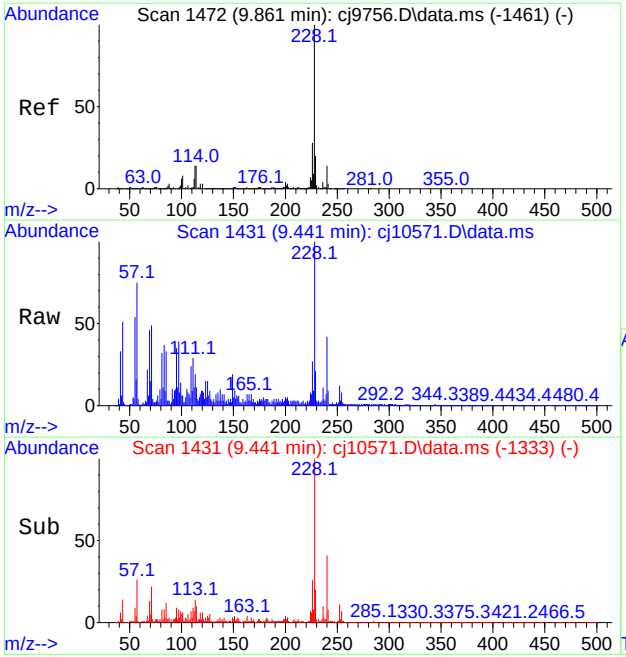


#88
Butylbenzylphthalate
Concen: 35.9350 ppm
RT: 8.906 min Scan# 1331
Delta R.T. 0.011 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:149 Resp: 195202

Ion	Ratio	Lower	Upper
149	100		
91	76.2	39.2	99.2
206	18.3	0.0	49.0

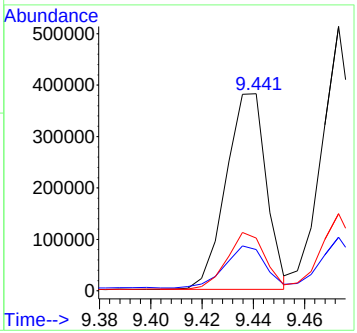


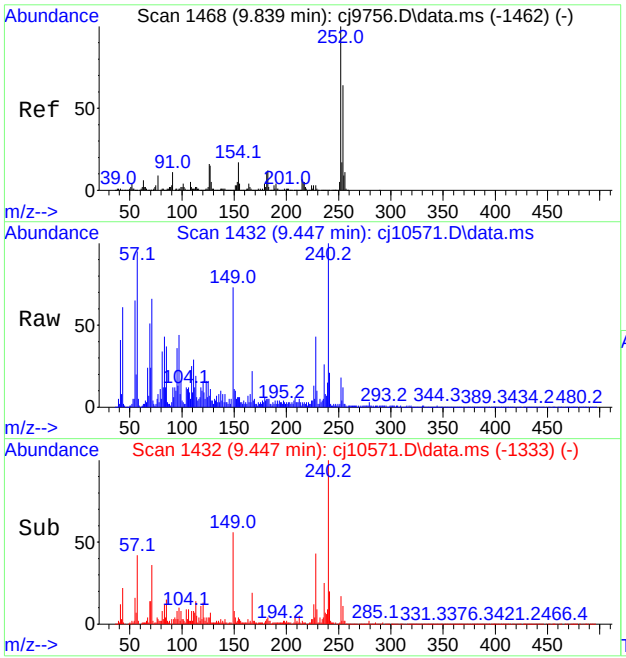


#89
Benzo[a]anthracene
Concen: 39.0551 ppm
RT: 9.441 min Scan# 1431
Delta R.T. 0.027 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:228 Resp: 417803

Ion	Ratio	Lower	Upper
228	100		
229	19.4	0.0	48.6
226	25.9	0.0	57.2

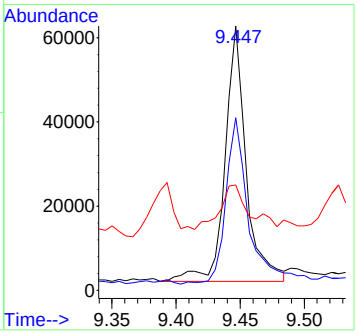


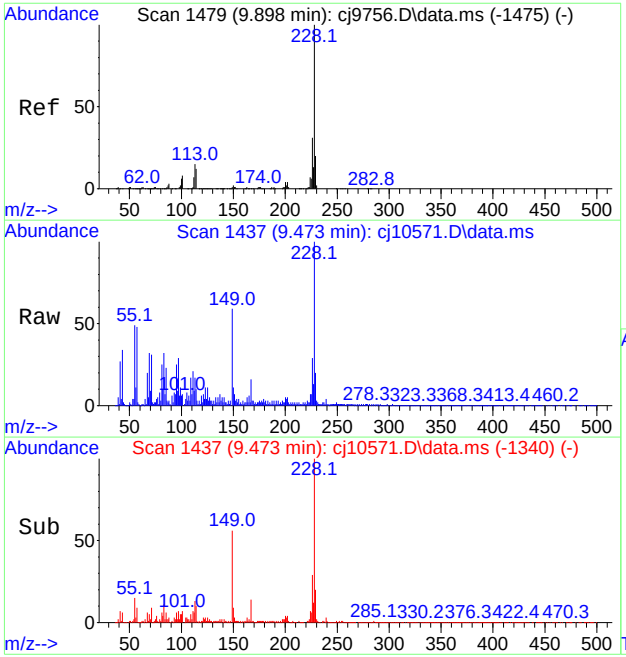


#90
3,3'-Dichlorobenzidine
Concen: 18.2022 ppm
RT: 9.447 min Scan# 1432
Delta R.T. 0.032 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:252 Resp: 69558

Ion	Ratio	Lower	Upper
252	100		
254	63.7	35.9	95.9
126	8.1	0.0	45.0

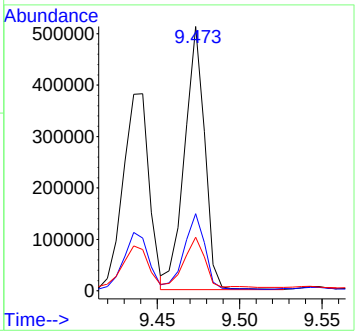


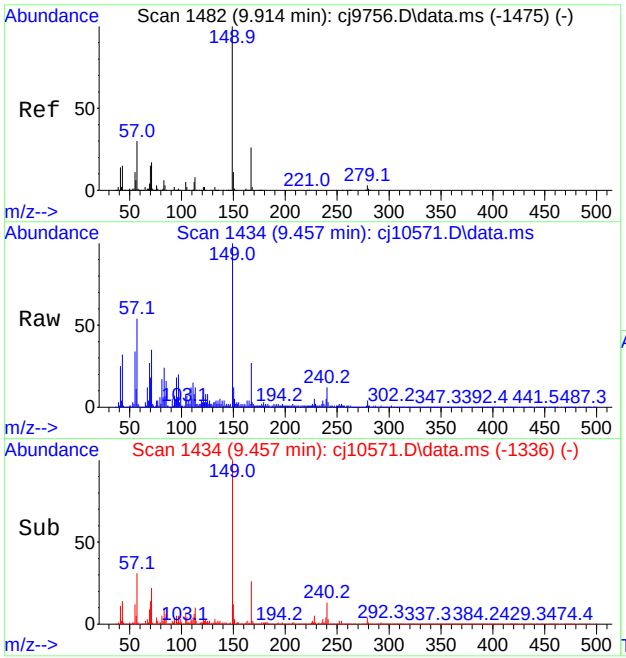


#91
Chrysene
Concen: 43.5510 ppm
RT: 9.473 min Scan# 1437
Delta R.T. 0.021 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:228 Resp: 436319

Ion	Ratio	Lower	Upper
228	100		
226	28.5	0.0	59.6
229	19.0	0.0	49.1

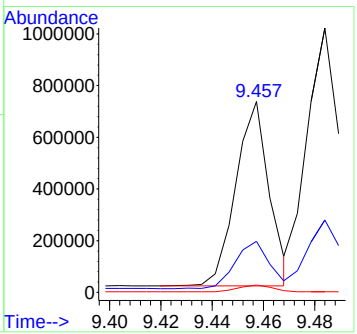


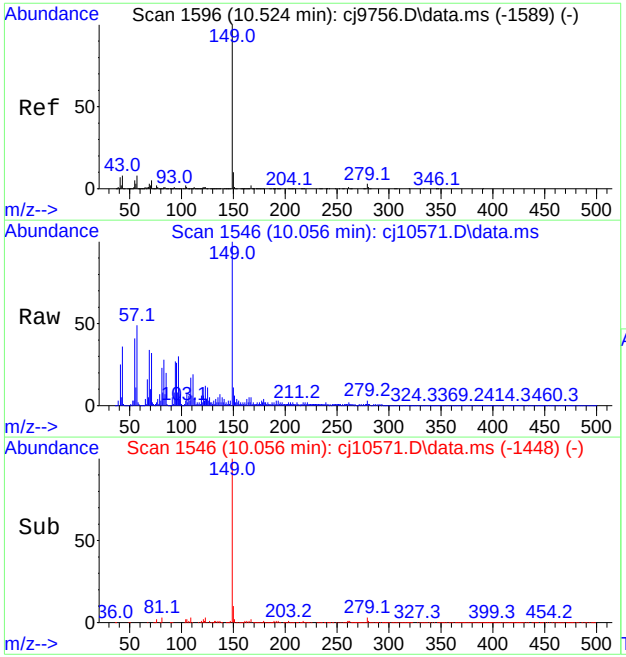


#92
bis(2-Ethylhexyl)phthalate
Concen: 79.3401 ppm
RT: 9.457 min Scan# 1434
Delta R.T. 0.027 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:149 Resp: 646610

Ion	Ratio	Lower	Upper
149	100		
167	25.5	0.0	55.1
279	3.7	0.0	33.1

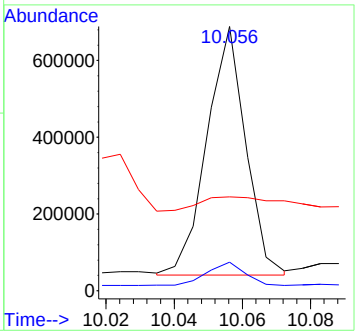


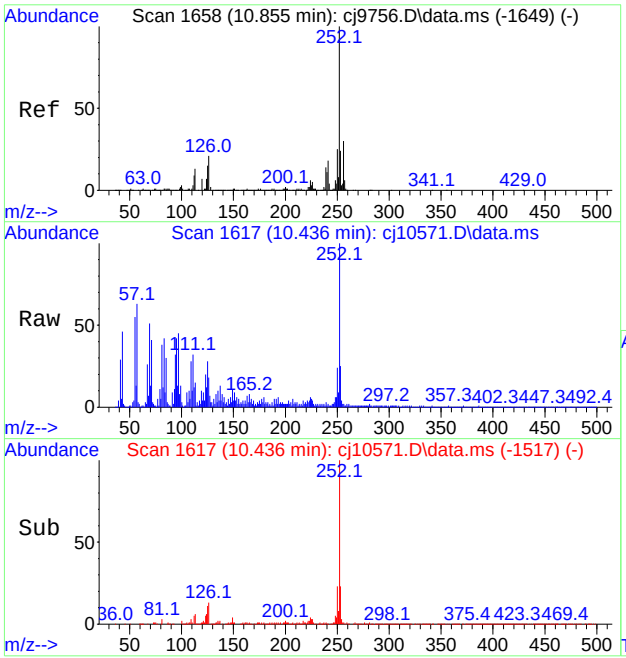


#94
Di-n-octylphthalate
Concen: 35.8988 ppm m
RT: 10.056 min Scan# 1546
Delta R.T. 0.027 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:149 Resp: 513678

Ion	Ratio	Lower	Upper
149	100		
150	10.8	0.0	39.8
43	35.5	0.0	37.8

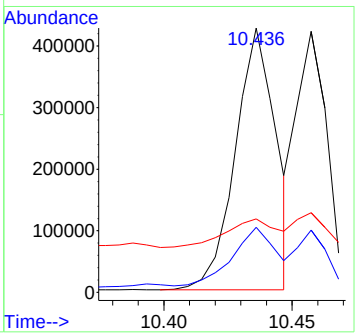


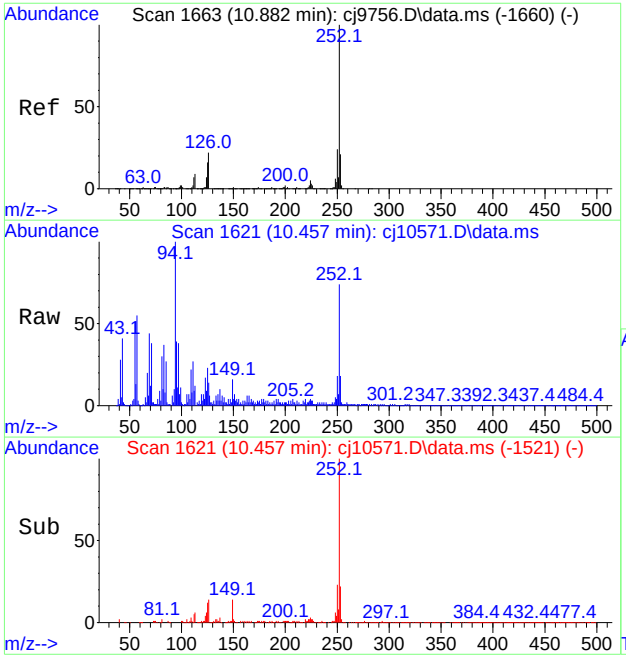


#95
Benzo[b]fluoranthene
Concen: 44.1359 ppm
RT: 10.436 min Scan# 1617
Delta R.T. 0.037 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:252 Resp: 469388

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	51.8
125	9.9	0.0	39.5

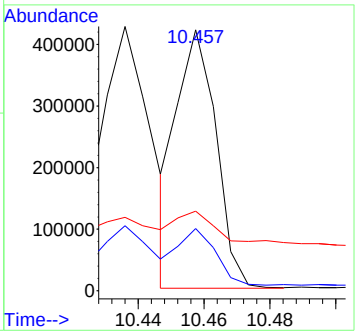


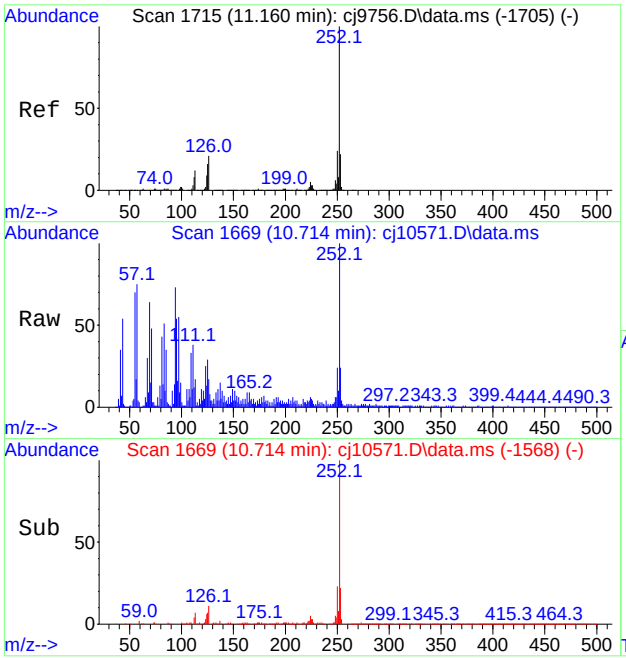


#96
Benzo[k]fluoranthene
Concen: 36.5931 ppm
RT: 10.457 min Scan# 1621
Delta R.T. 0.037 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:252 Resp: 348062

Ion	Ratio	Lower	Upper
252	100		
253	21.6	0.0	52.1
125	12.4	0.0	40.6

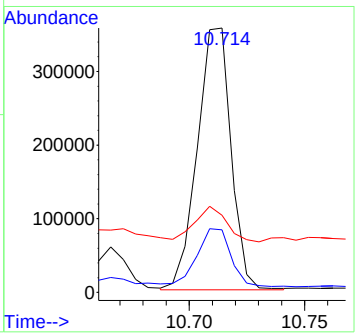


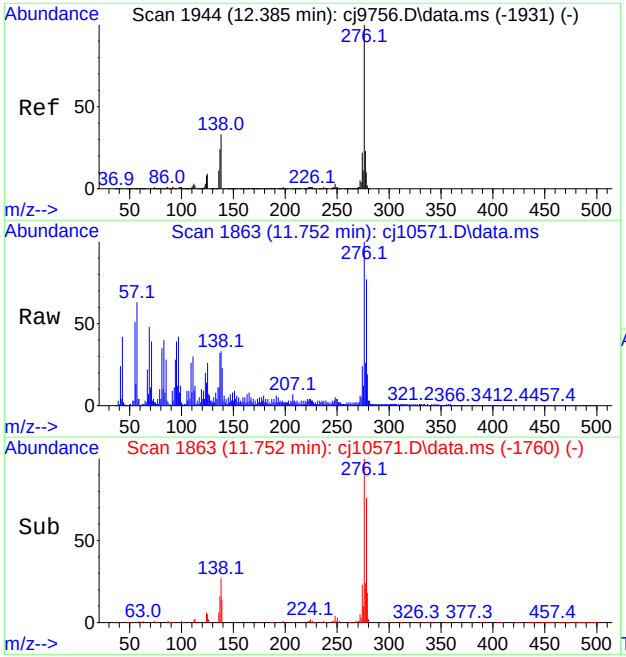


#97
Benzo[a]pyrene
Concen: 41.5536 ppm
RT: 10.714 min Scan# 1669
Delta R.T. 0.043 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:252 Resp: 362564

Ion	Ratio	Lower	Upper
252	100		
253	21.2	0.0	50.9
125	8.6	0.0	41.7

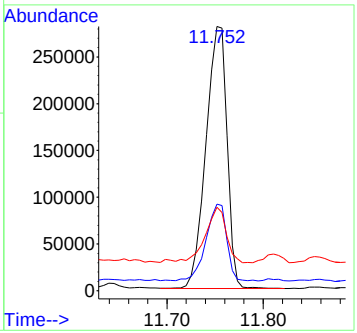


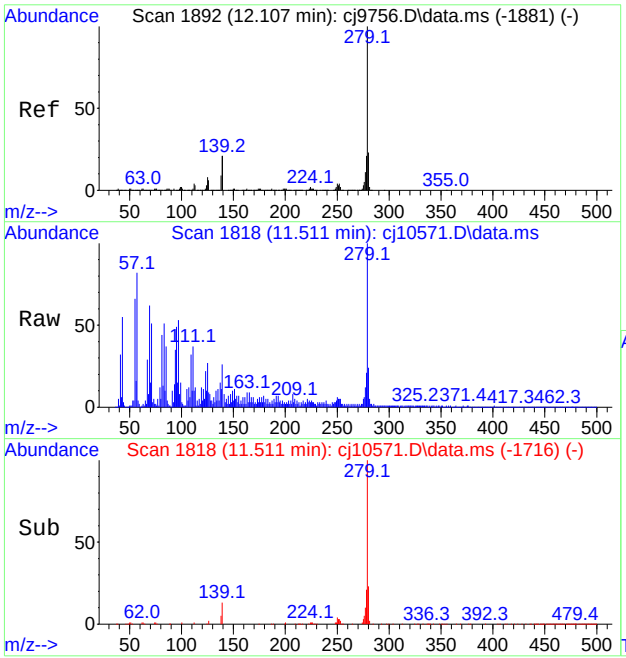


#98
Indeno[1,2,3-cd]pyrene
Concen: 39.2354 ppm
RT: 11.752 min Scan# 1863
Delta R.T. 0.054 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:276 Resp: 428736

Ion	Ratio	Lower	Upper
276	100		
138	29.2	0.9	60.9
137	20.3	0.0	51.0

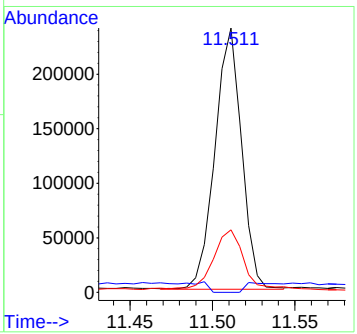


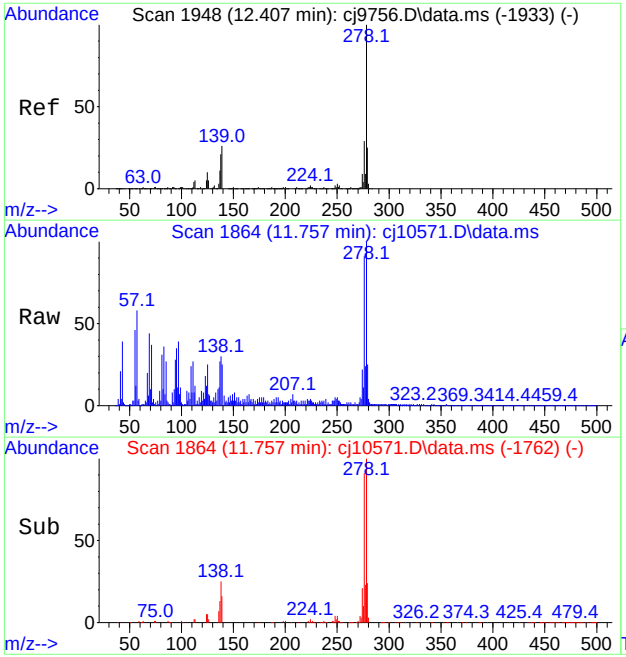


#99
Dibenz(a,h)acridine
Concen: 36.5624 ppm
RT: 11.511 min Scan# 1818
Delta R.T. 0.048 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:279 Resp: 269085

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.2	0.0	51.9

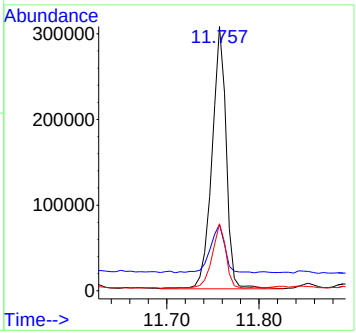


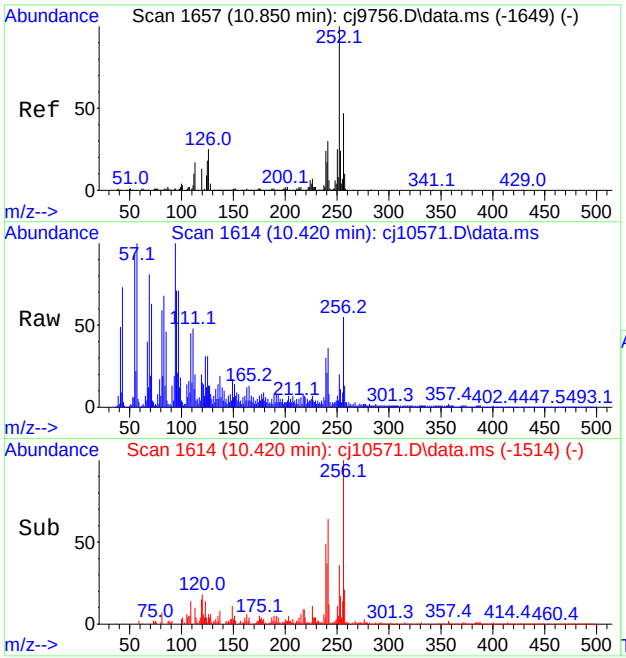


#100
Dibenz[a,h]anthracene
Concen: 37.7627 ppm
RT: 11.757 min Scan# 1864
Delta R.T. 0.048 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:278 Resp: 328748

Ion	Ratio	Lower	Upper
278	100		
139	18.3	0.0	48.3
279	24.3	0.0	53.3

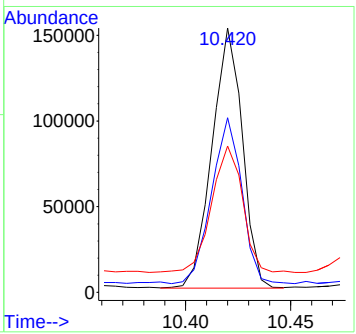


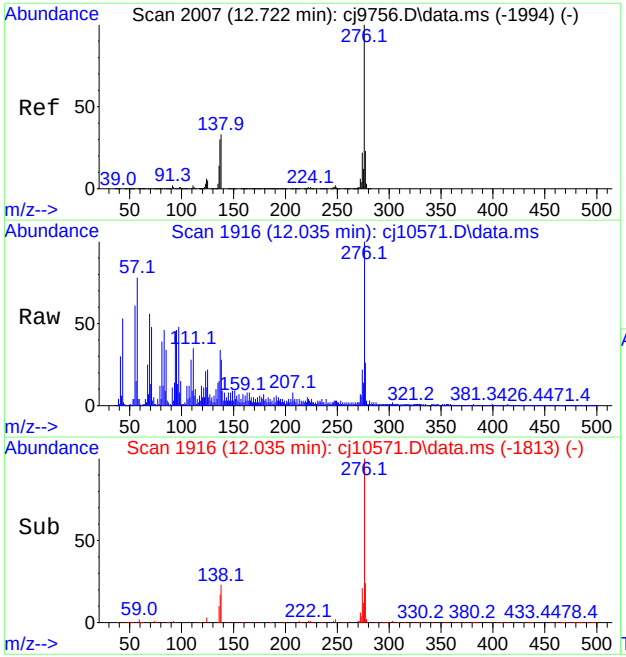


#101
7,12-Dimethylbenz(a)anthracene
Concen: 42.6344 ppm
RT: 10.420 min Scan# 1614
Delta R.T. 0.037 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:256 Resp: 152772

Ion	Ratio	Lower	Upper
256	100		
241	63.4	32.5	92.5
239	48.2	20.1	80.1

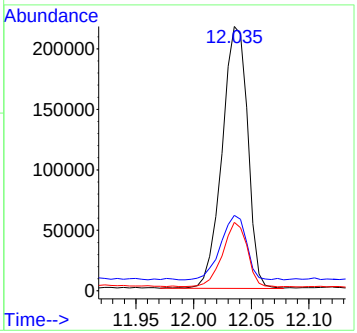


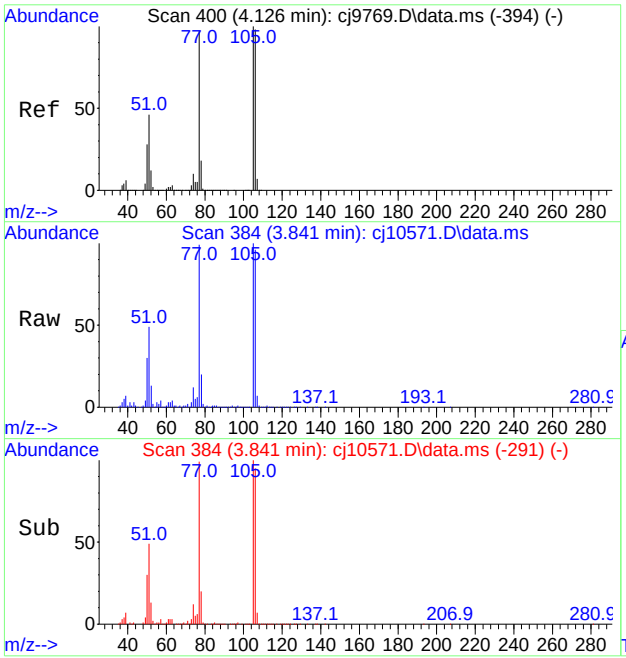


#102
Benzo[g,h,i]perylene
Concen: 39.4992 ppm
RT: 12.035 min Scan# 1916
Delta R.T. 0.054 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:276 Resp: 334364

Ion	Ratio	Lower	Upper
276	100		
138	24.5	0.0	56.8
277	24.4	0.0	53.4

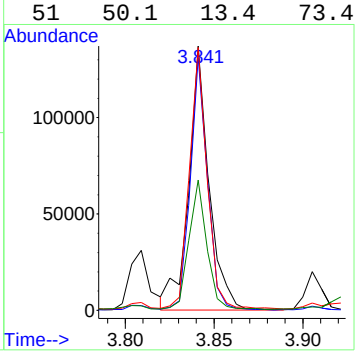


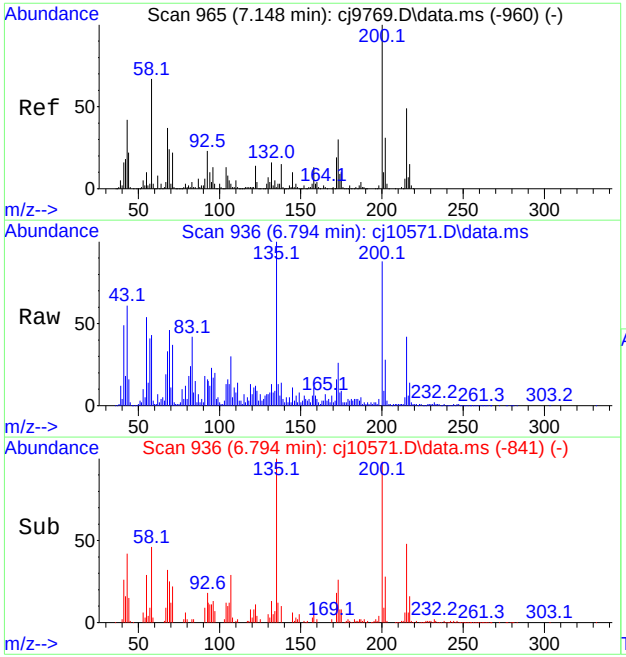


#104
Benzaldehyde
Concen: 41.0248 ppm
RT: 3.841 min Scan# 384
Delta R.T. -0.000 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:105 Resp: 109516

Ion	Ratio	Lower	Upper
105	100		
106	97.8	64.7	124.7
77	101.5	64.8	124.8
51	50.1	13.4	73.4

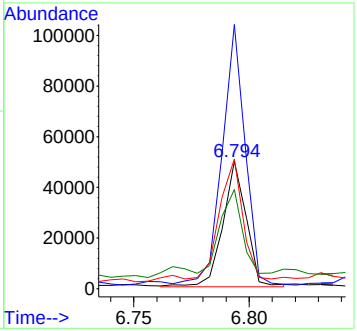


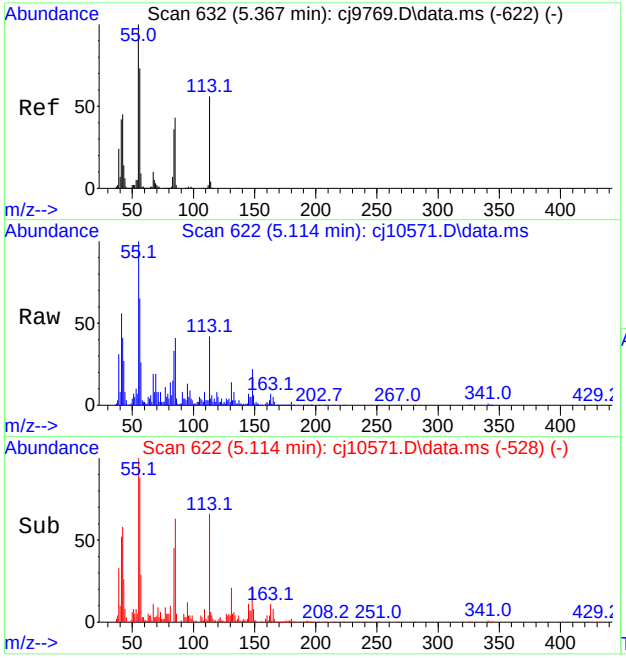


#106
Atrazine
Concen: 39.1233 ppm
RT: 6.794 min Scan# 936
Delta R.T. 0.011 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion:215 Resp: 35045

Ion	Ratio	Lower	Upper
215	100		
200	208.9	184.8	244.8
58	95.7	62.3	122.3
68	65.7	30.0	90.0

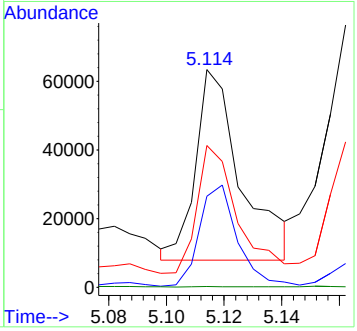




#108
Caprolactam
Concen: 40.8465 ppm m
RT: 5.114 min Scan# 622
Delta R.T. 0.005 min
Lab File: cj10571.D
Acq: 27 Jan 2025 11:32 pm

Tgt Ion: 55 Resp: 60580

Ion	Ratio	Lower	Upper
55	100		
113	41.9	29.2	89.2
56	65.1	47.1	107.1
48	0.4	0.0	30.1



Manual Integration Approval Summary

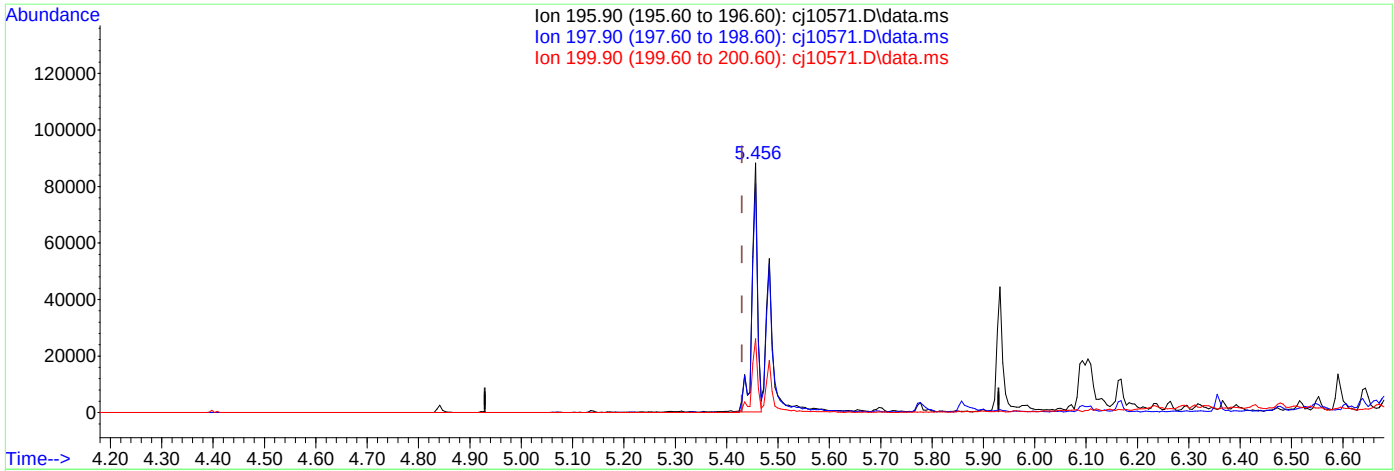
Sample Number: OP61130-MSD
Lab FileID: CJ10571.D
Injection Time: 01/27/25 23:32
Method: SW846 8270E
Analyst approved: 01/28/25 11:14 Daniela Suarez
Supervisor approved: 01/28/25 13:34 Ying Li

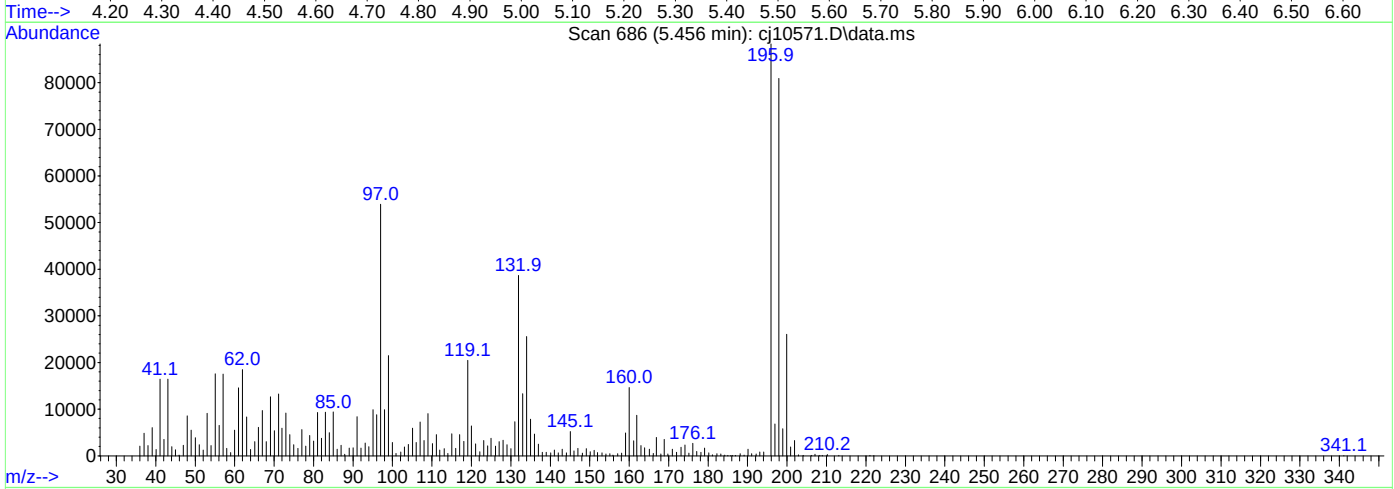
Parameter	CAS	Sig#	R.T. (min.)	Reason
Caprolactam	105-60-2		5.11	Split peak
2,4,6-Trichlorophenol	88-06-2		5.43	Split peak
2,4,5-Trichlorophenol	95-95-4		5.46	Split peak
Di-n-octyl phthalate	117-84-0		10.06	Split peak

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10571.D
Acq On : 27 Jan 2025 11:32 pm
Operator : anthonyo
Sample : op61130-msd Inst : GCMSCJ
Misc : op61130,ecj451,15.7,,,1,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 28 05:19:27 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10571.D\data.ms

(49) 2,4,6-Trichlorophenol (t)

5.456min (+0.027) 35.72ppm

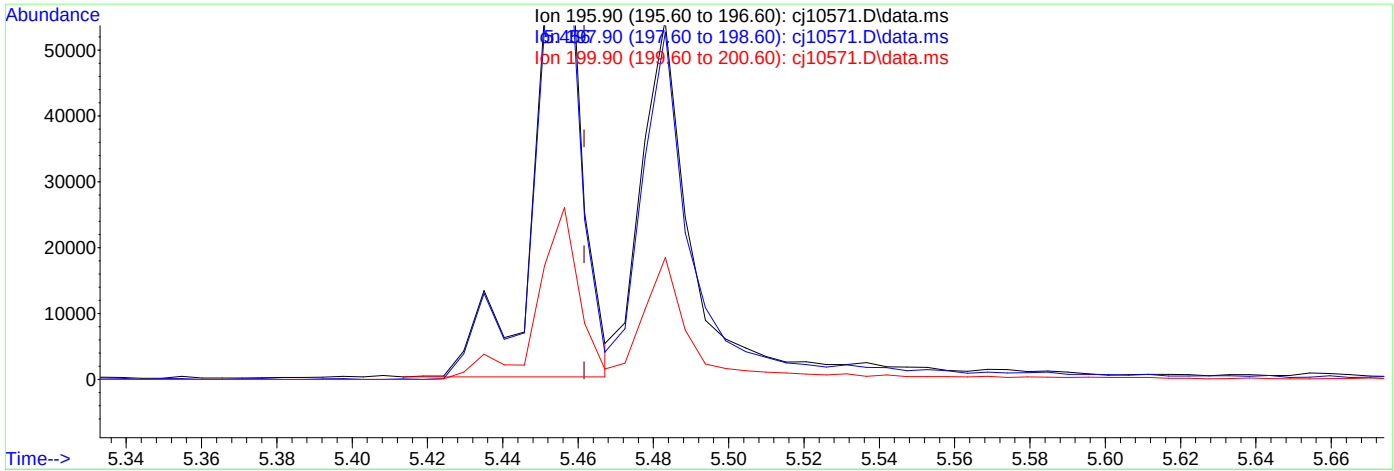
response 65505

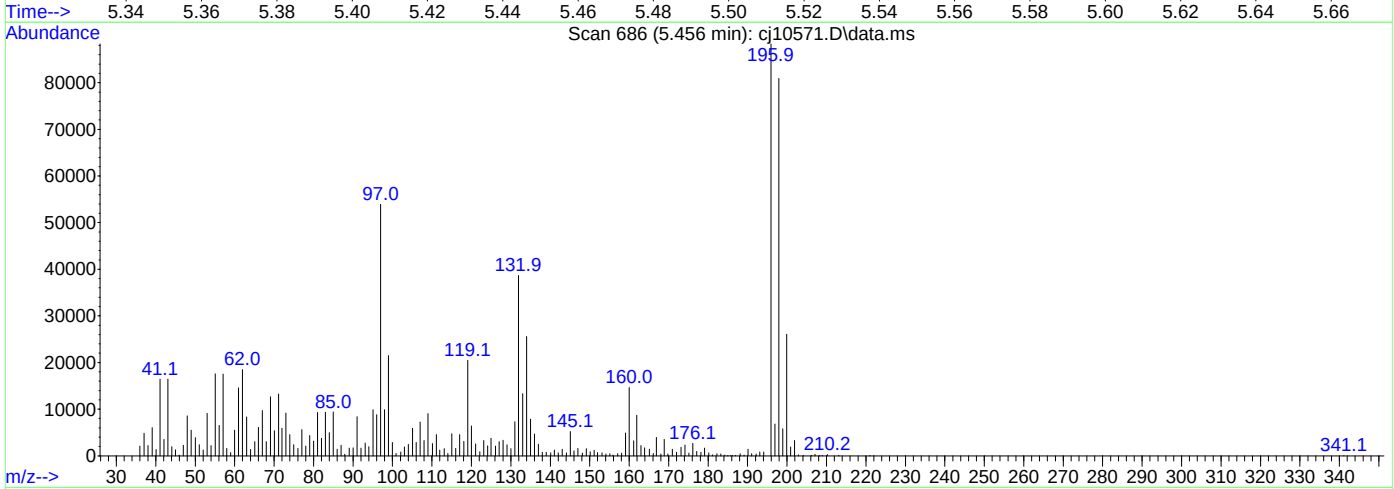
Ion	Exp%	Act%
195.90	100	100
197.90	94.30	92.30
199.90	29.20	29.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10571.D
Acq On : 27 Jan 2025 11:32 pm
Operator : anthonyo
Sample : op61130-msd Inst : GCMSCJ
Misc : op61130,ecj451,15.7,,,1,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 28 05:22:01 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10571.D\data.ms

(50) 2,4,5-Trichlorophenol (t)

5.456min (-0.005) 35.58ppm

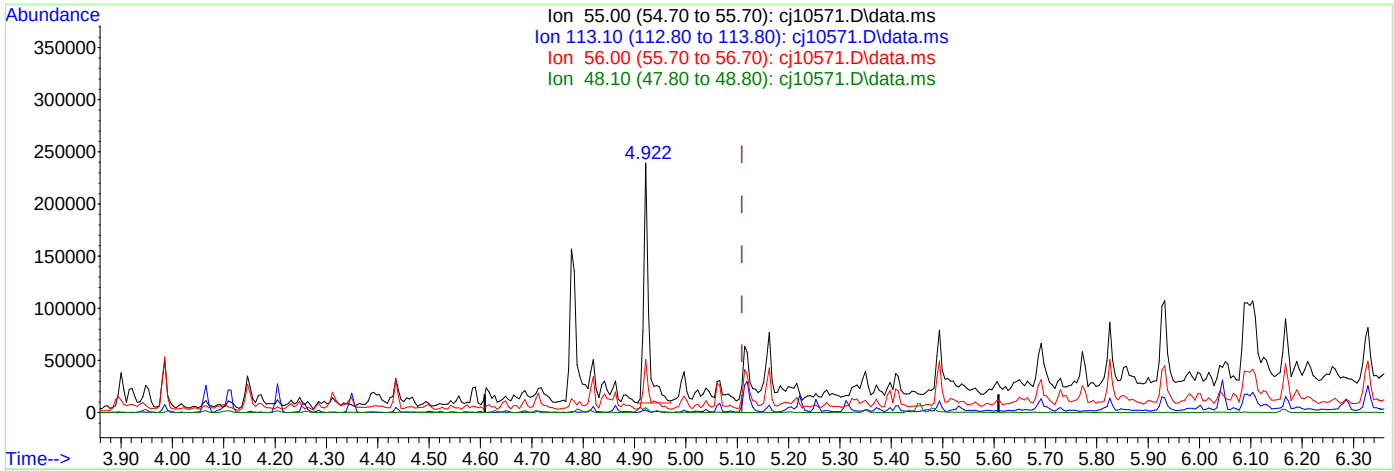
response 65036

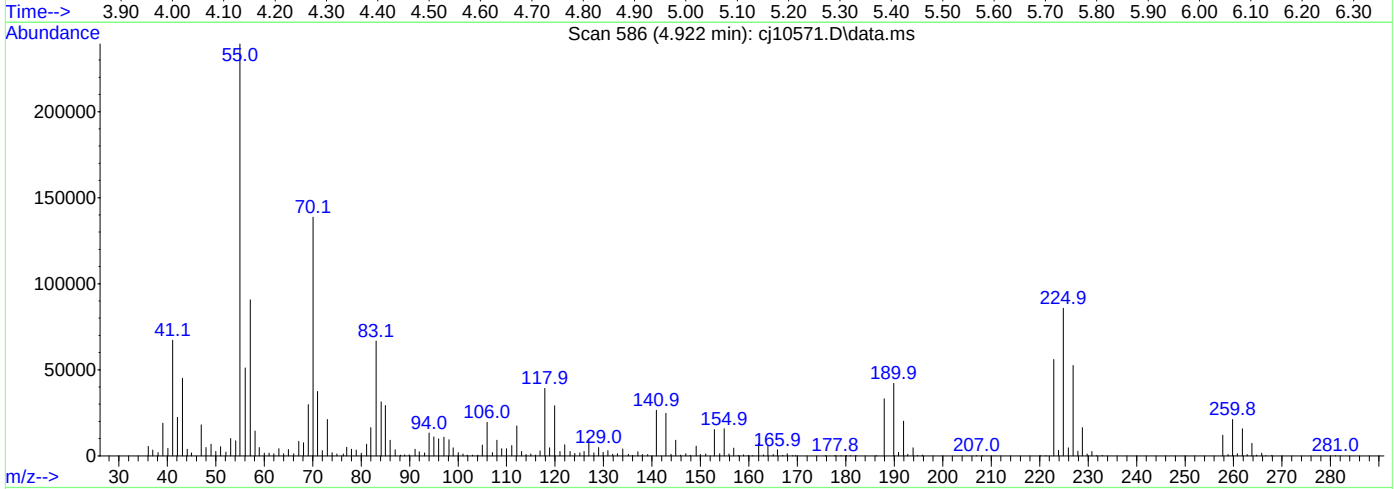
Ion	Exp%	Act%
195.90	100	100
197.90	95.40	92.30
199.90	29.90	29.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10571.D
Acq On : 27 Jan 2025 11:32 pm
Operator : anthonyo
Sample : op61130-msd Inst : GCMSCJ
Misc : op61130,ecj451,15.7,,,1,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 28 05:22:01 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration





TIC: cj10571.D\data.ms

(108) Caprolactam (T)

4.922min (-0.187) 103.42ppm

response 153377

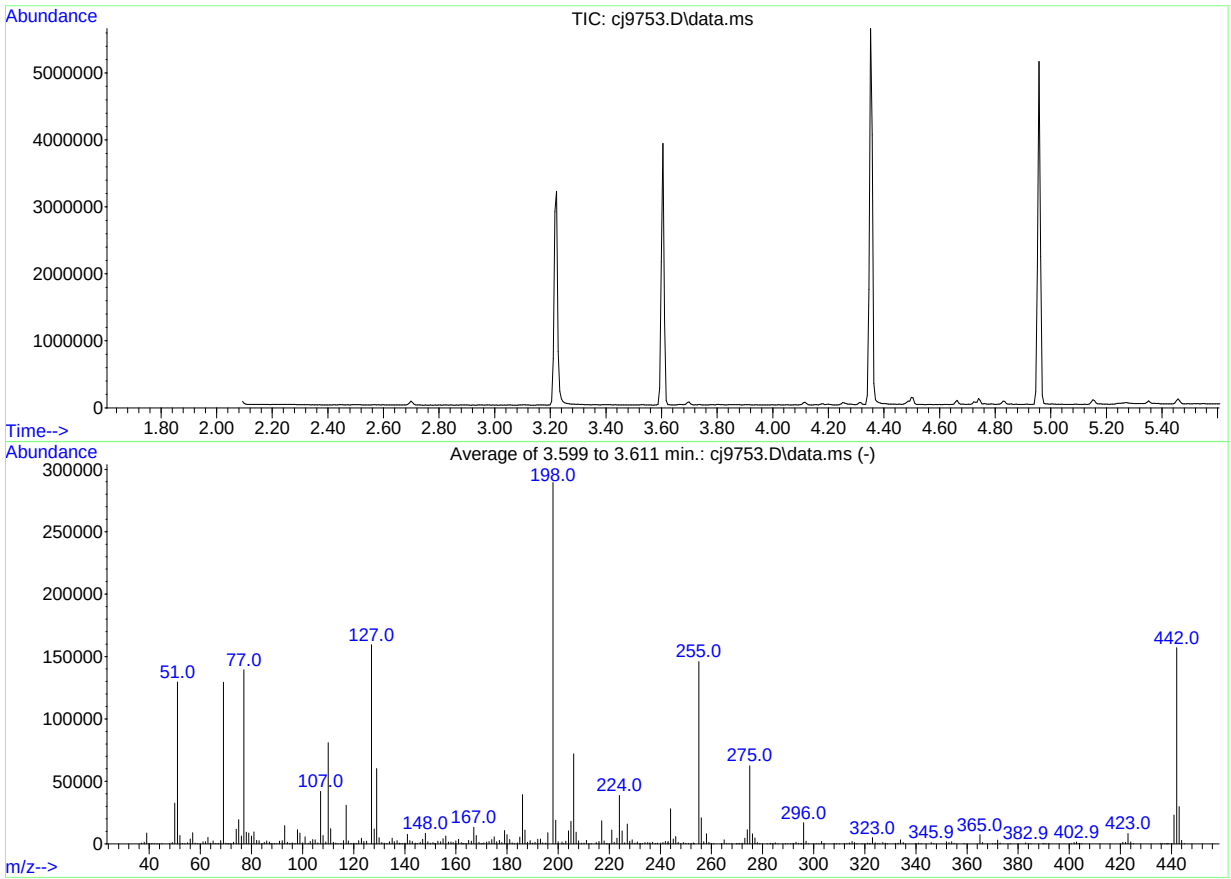
Ion	Exp%	Act%
55.00	100	100
113.10	59.20	1.05#
56.00	77.10	20.81#
48.10	0.10	1.55

DFTPP

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9753.D
Acq On : 17 Dec 2024 02:18 pm
Operator : rocquans
Sample : dftpp
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\MassHunter\GCMS\1\methods\dftppcj.M
Title :
Last Update : Wed Dec 20 17:42:23 2023



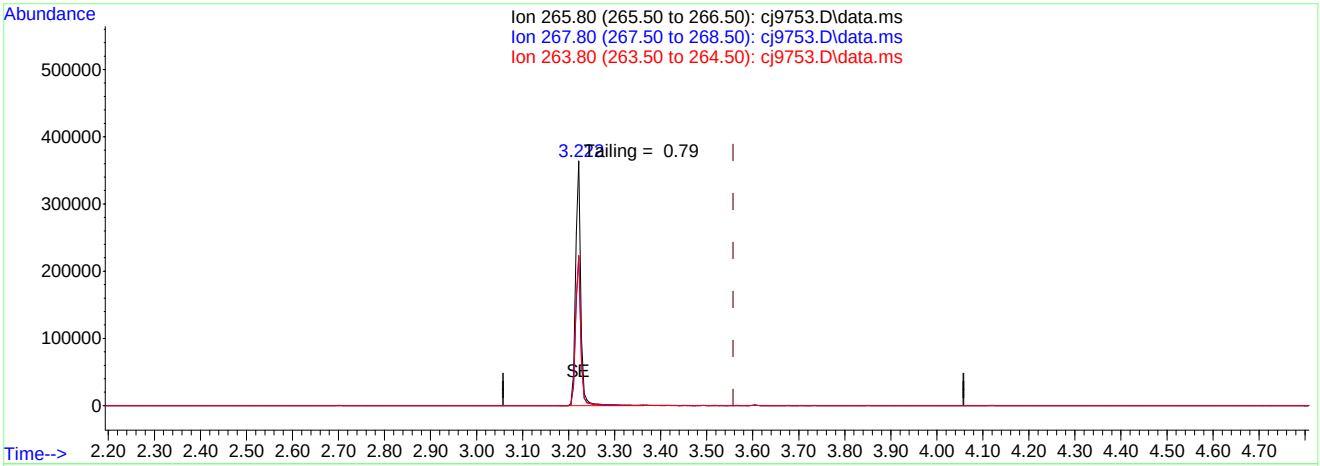
AutoFind: Scans 257, 258, 259; Background Corrected with Scan 252

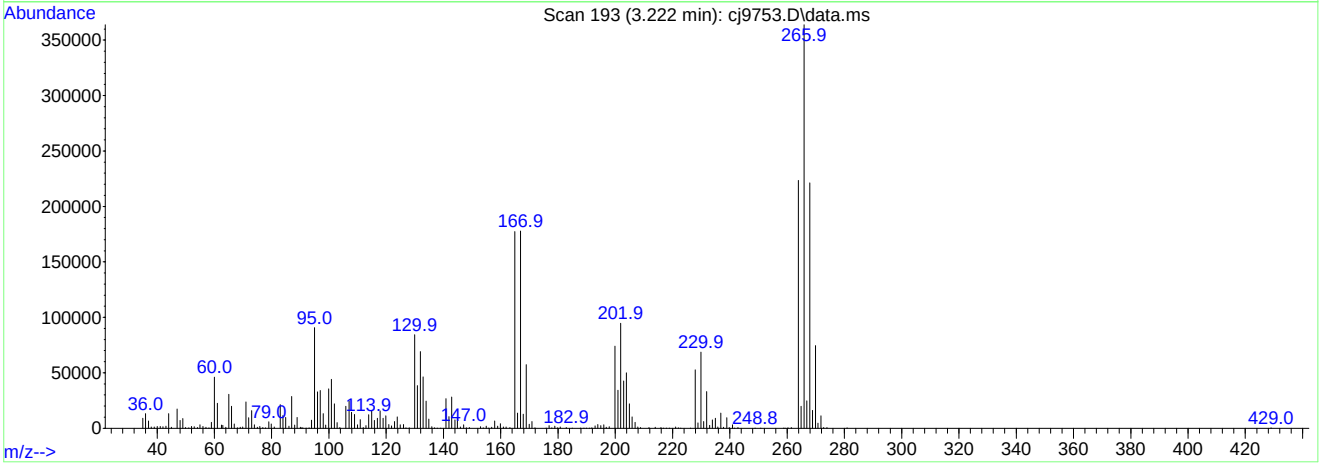
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	44.8	129550	PASS
68	69	0.00	2	2.0	2542	PASS
69	198	0.00	100	44.7	129420	PASS
70	69	0.00	2	0.5	639	PASS
127	198	30	60	55.1	159501	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	289451	PASS
199	198	5	9	6.5	18907	PASS
275	198	10	30	21.6	62576	PASS
365	198	1	100	2.5	7296	PASS
441	443	0.01	100	77.2	23063	PASS
442	198	40	100	54.3	157037	PASS
443	442	17	23	19.0	29864	PASS

Quantitation Report (Qedit)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9753.D
Acq On : 17 Dec 2024 02:18 pm
Operator : rocquans
Sample : dftpp
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 17 14:33:00 2024
Quant Method : C:\MassHunter\GCMS\1\methods\dftppcj.M
Quant Title :
QLast Update : Wed Dec 20 17:42:23 2023
Response via : Initial Calibration





TIC: cj9753.D\data.ms

(1) Pentachlorophenol (T)

3.222min (-0.336) 1433.27 50

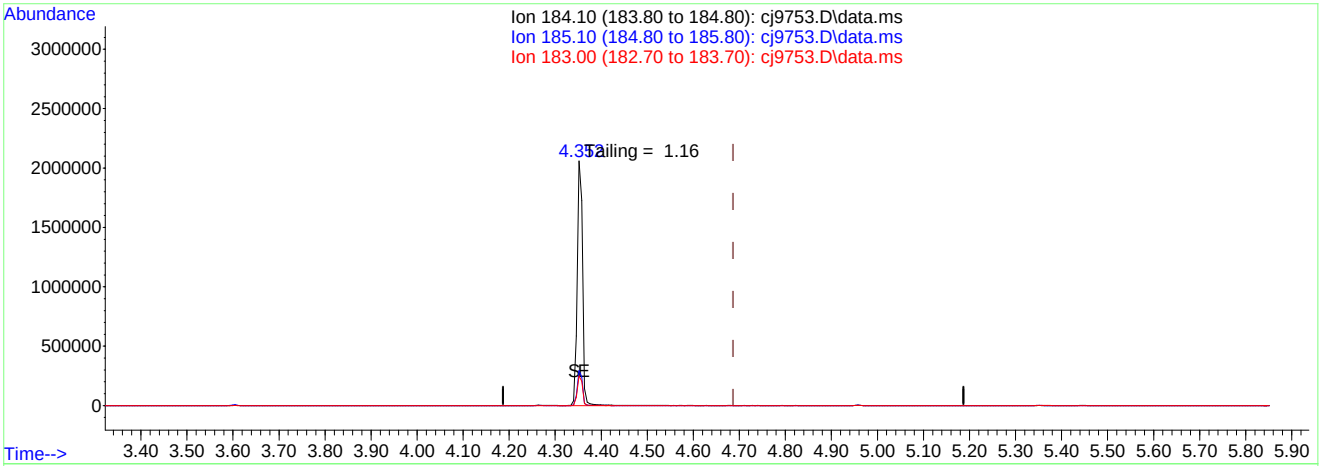
response 289320

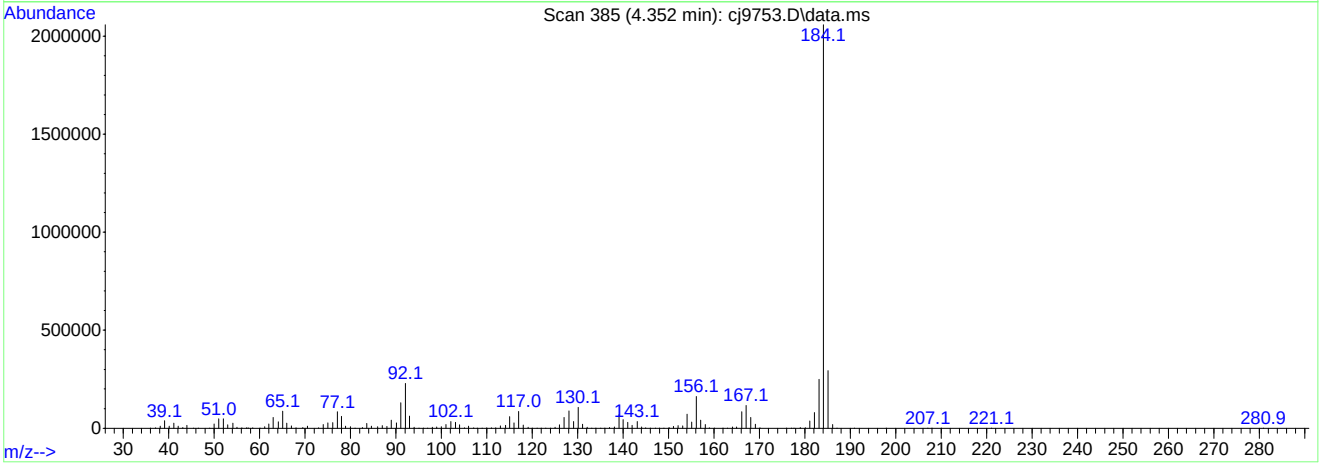
Ion	Exp%	Act%
265.80	100.00	100.00
267.80	60.00	61.30
263.80	58.60	62.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9753.D
Acq On : 17 Dec 2024 02:18 pm
Operator : rocquans
Sample : dftpp
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 17 14:33:00 2024
Quant Method : C:\MassHunter\GCMS\1\methods\dftppcj.M
Quant Title :
QLast Update : Wed Dec 20 17:42:23 2023
Response via : Initial Calibration





TIC: cj9753.D\data.ms

(2) Benzidine (T)

4.352min (-0.335) 1112.97 50

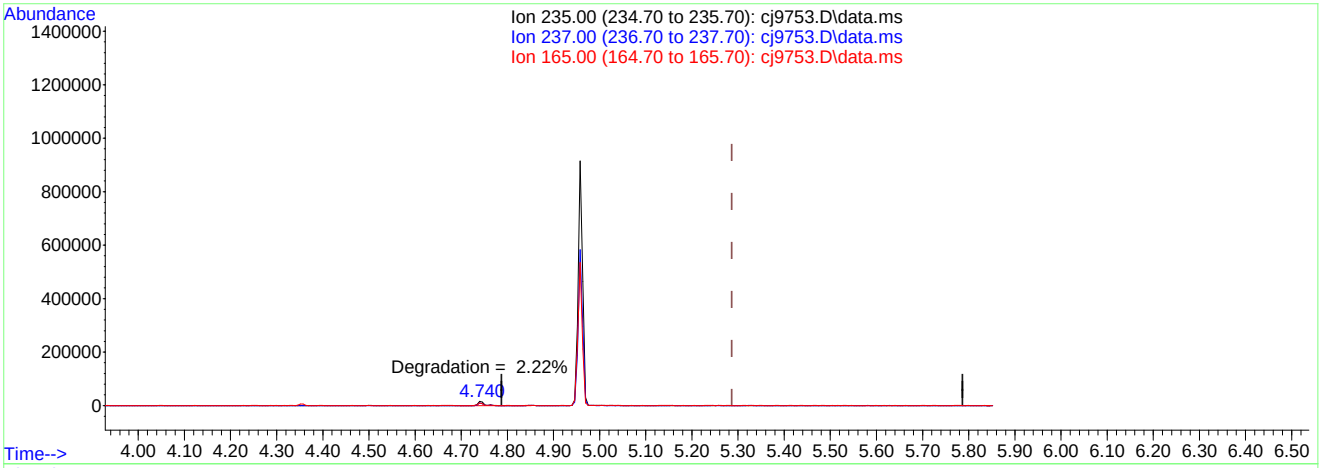
response 1643839

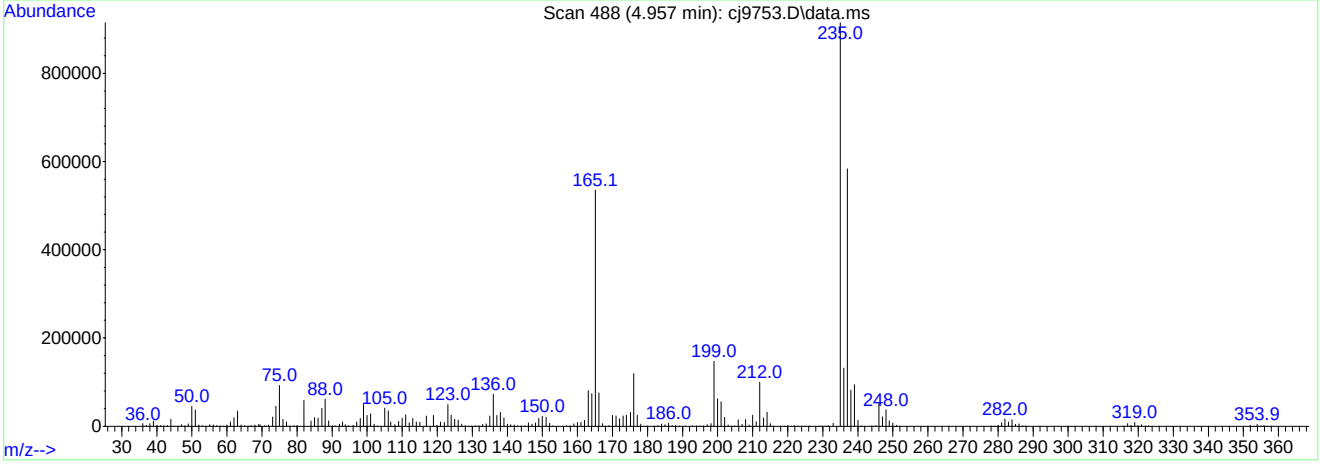
Ion	Exp%	Act%
184.10	100.00	100.00
185.10	13.30	14.08
183.00	10.20	11.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9753.D
Acq On : 17 Dec 2024 02:18 pm
Operator : rocquans
Sample : dftpp
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 17 14:33:00 2024
Quant Method : C:\MassHunter\GCMS\1\methods\dftppcj.M
Quant Title :
QLast Update : Wed Dec 20 17:42:23 2023
Response via : Initial Calibration





TIC: cj9753.D\data.ms

(3) DDT (T)

4.957min (-0.330) 992.13 50

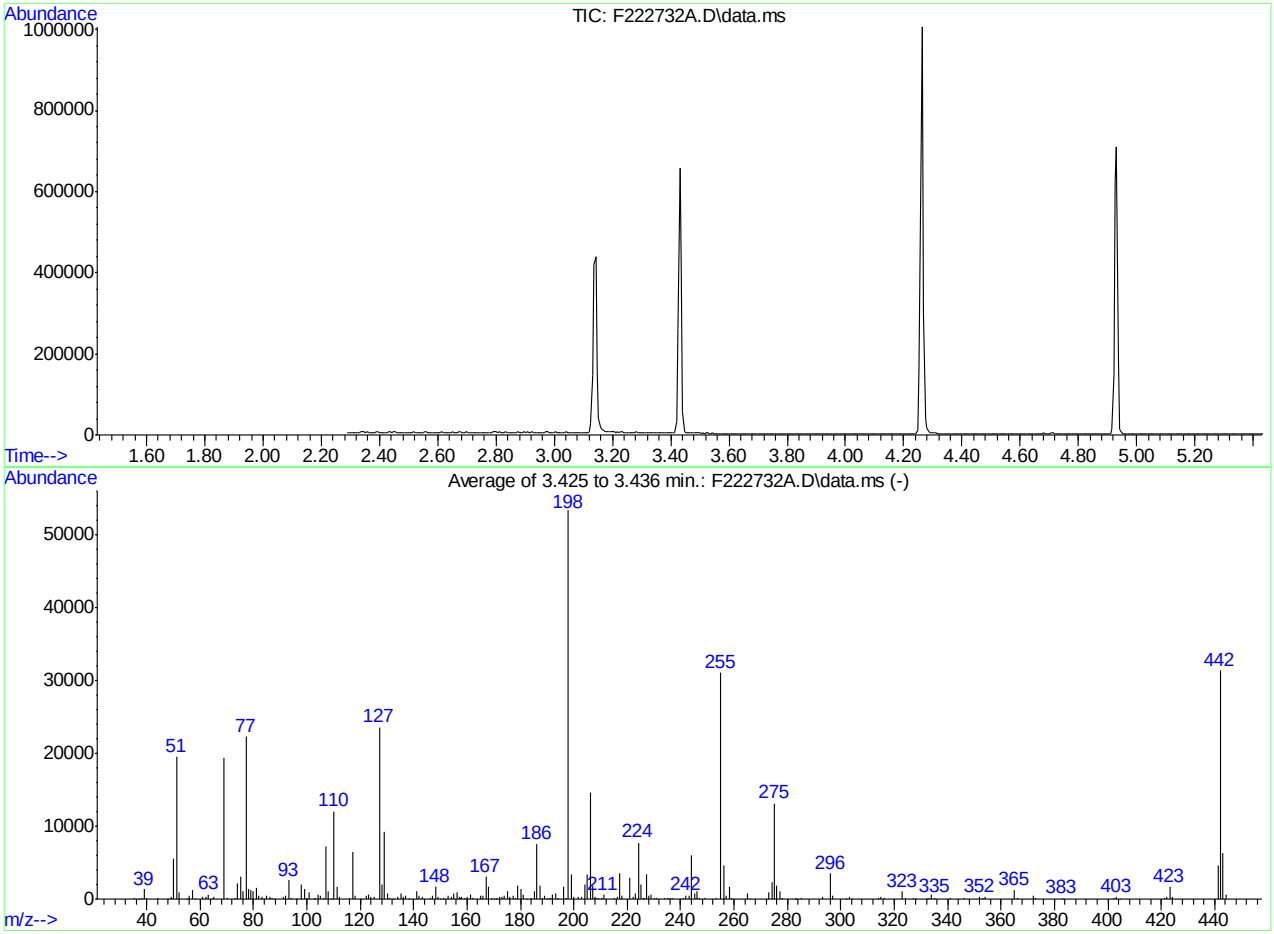
response 611427

Ion	Exp%	Act%
235.00	100.00	100.00
237.00	64.30	63.58
165.00	46.20	57.84
0.00	0.00	0.00

DFTPP

Data File : C:\MSDCHEM\1\DATA\EF9899\F222732A.D Vial: 1
Acq On : 7 Nov 2024 8:48 am Operator: jackleey
Sample : dftpp Inst : GCMSF
Misc : op58797b,ef9899,1000,,,1,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\DFTPPF.M (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MS 30m x .25mm x .25um



AutoFind: Scans 214, 215, 216; Background Corrected with Scan 210

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	36.6	19558	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	36.4	19448	PASS
70	69	0.00	2	0.4	83	PASS
127	198	40	60	44.2	23578	PASS
197	198	0.00	1	0.4	195	PASS
198	198	100	100	100.0	53402	PASS
199	198	5	9	6.5	3465	PASS
275	198	10	30	24.5	13109	PASS
365	198	1	100	2.4	1301	PASS
441	443	0.10	100	73.2	4675	PASS
442	198	40	100	58.7	31362	PASS
443	442	17	23	20.4	6386	PASS

F222732A.D DFTPPF.M Fri Nov 08 08:37:02 2024 RT1

Average of 3.425 to 3.436 min.: F222732A.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.10	100	55.00	69	73.00	127	84.00	48
37.00	1	56.05	511	74.10	2141	85.05	396
38.10	223	57.05	1255	75.05	3035	86.00	296
39.05	1377	58.00	55	76.15	1076	87.05	169
40.00	224	61.05	274	77.10	22335	87.95	55
43.95	152	62.05	308	78.10	1441	91.05	370
48.05	28	63.10	649	79.05	1242	92.05	416
49.05	247	64.10	54	80.00	1056	93.10	2559
50.10	5595	65.10	372	81.00	1522	94.10	147
51.05	19558	69.05	19448	82.10	412	96.00	71
52.10	919	70.00	83	83.05	379	98.05	1986

Average of 3.425 to 3.436 min.: F222732A.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
99.00	1462	110.10	12061	127.10	23578	141.05	1135
99.90	142	111.10	1741	128.10	2018	142.05	396
101.00	874	112.10	325	129.10	9225	143.10	325
102.90	58	116.05	209	130.05	843	146.05	201
103.05	208	117.10	6507	131.05	176	147.05	534
104.05	626	118.10	505	132.20	57	148.10	1631
105.10	536	120.00	50	133.95	246	149.10	356
106.10	84	122.05	404	135.05	808	150.10	66
107.10	7218	123.10	647	136.05	372	151.20	101
108.05	1035	124.05	353	137.10	425	153.05	409
109.00	54	125.05	321	138.10	74	154.00	330

Average of 3.425 to 3.436 min.: F222732A.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
155.10	758	167.05	3013	177.10	518	189.05	504
156.10	930	168.05	1649	178.05	167	189.90	57
156.95	247	169.10	154	179.00	1840	190.90	99
157.30	116	170.20	67	180.10	1350	191.20	89
158.05	237	170.80	50	181.15	627	192.05	622
159.05	150	171.00	50	182.10	70	193.10	737
160.05	371	172.05	283	184.10	124	194.10	105
161.10	635	173.10	310	185.05	1044	196.10	1667
162.20	86	174.05	520	186.10	7619	196.90	195
165.05	504	175.05	1138	187.10	1888	198.00	53402
166.10	402	176.05	320	188.00	213	199.05	3465

Average of 3.425 to 3.436 min.: F222732A.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
200.05	283	211.05	569	226.20	105	241.05	138
201.60	300	215.15	119	227.10	3325	242.10	508
203.05	353	216.10	263	228.05	444	243.10	492
204.05	2074	217.00	3598	229.05	625	244.10	6026
205.10	3390	218.10	452	230.00	90	245.10	843
206.10	14689	221.10	2895	231.10	219	246.05	1138
207.10	1789	222.05	305	234.00	158	247.05	152
208.00	246	223.10	838	235.05	220	249.05	213
208.20	227	224.10	7773	236.10	148	253.15	119
209.00	107	225.10	2032	237.05	206	255.10	31061
210.30	150	225.90	82	240.00	61	256.10	4643

Average of 3.425 to 3.436 min.: F222732A.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
257.10	416	283.00	70	316.15	168	352.10	236
258.10	1741	283.20	55	323.15	1075	353.10	101
259.10	212	285.10	171	324.20	162	354.10	269
265.05	723	293.05	237	327.05	208	365.10	1301

266.00	66	296.10	3477	328.00	54	366.00	163
273.10	888	297.10	492	332.20	51	372.15	462
274.10	2341	302.10	50	333.10	131	373.10	149
275.10	13109	303.15	336	334.05	651	383.00	68
276.10	1797	304.00	75	335.15	156	402.10	90
277.05	1044	314.15	156	341.15	143	403.20	242
278.10	144	315.10	368	346.10	198	404.20	75

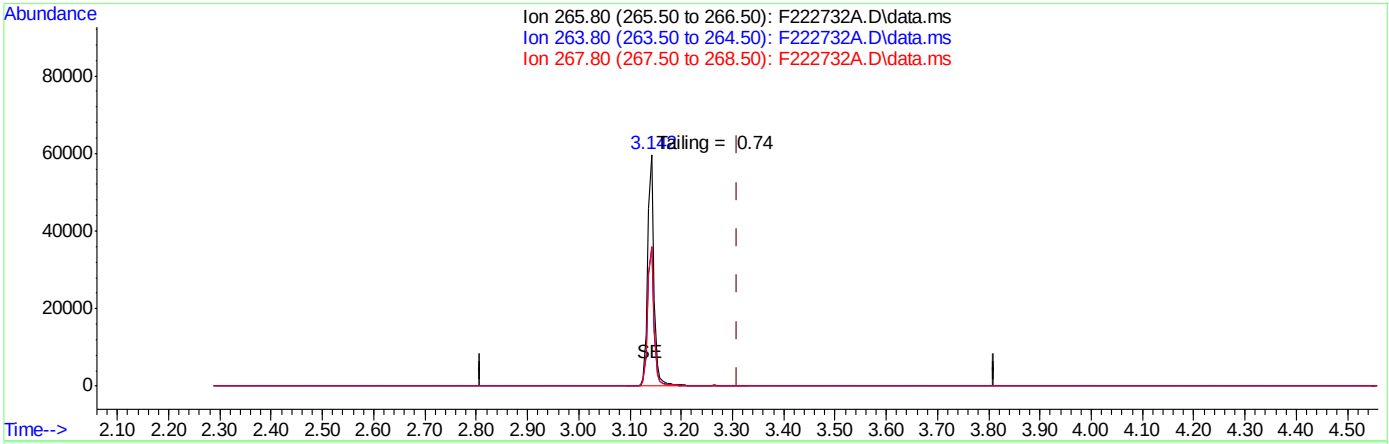
Average of 3.425 to 3.436 min.: F222732A.D\data.ms
dftpp
Modified:subtracted

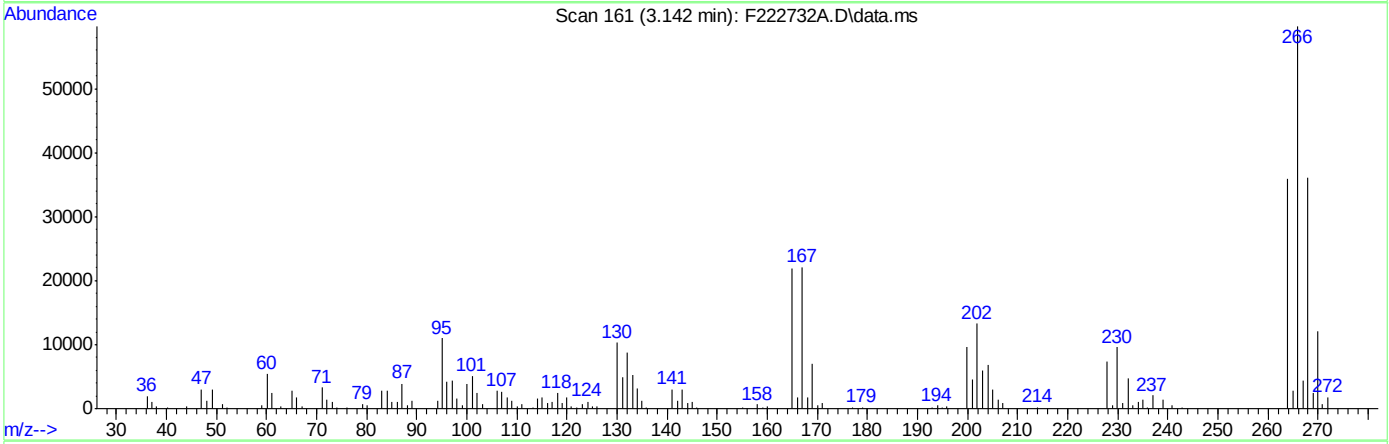
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
421.00	233						
422.05	254						
423.10	1649						
424.15	350						
441.15	4675						
442.10	31362						
443.20	6386						
444.15	642						

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222732A.D
Acq On : 7 Nov 2024 8:48 am
Operator : jackleey
Sample : dftpp
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 08:54:38 2024
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPF.M
Quant Title : Semi Volatile GC/MS, ZB-5MS 30m x .25mm x .25um
QLast Update : Mon Oct 28 09:24:13 2024
Response via : Initial Calibration





TIC: F222732A.D\data.ms

(1) Pentachlorophenol (t)

3.142min (-0.168) 39.55ppm

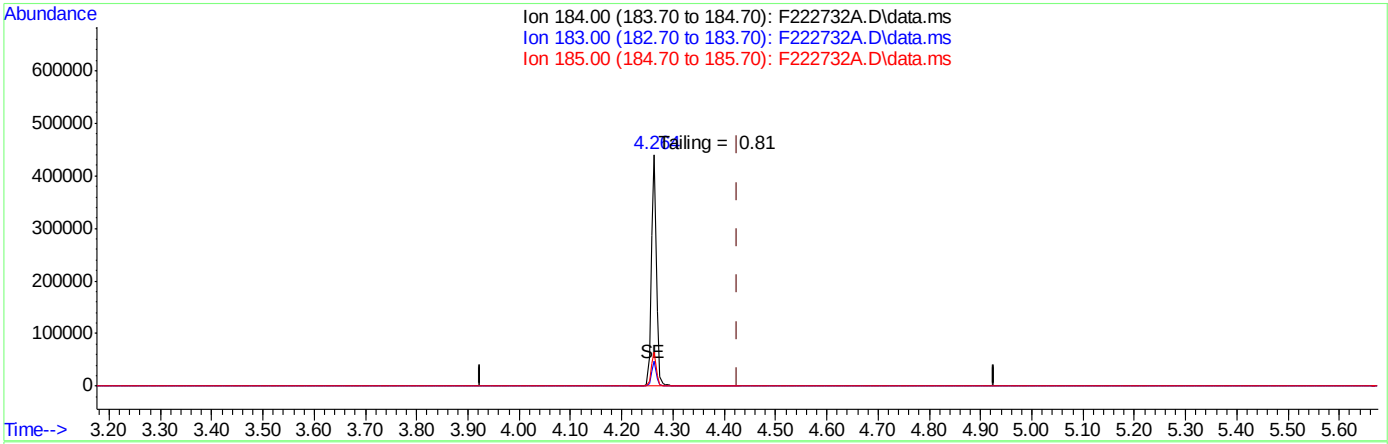
response 49571

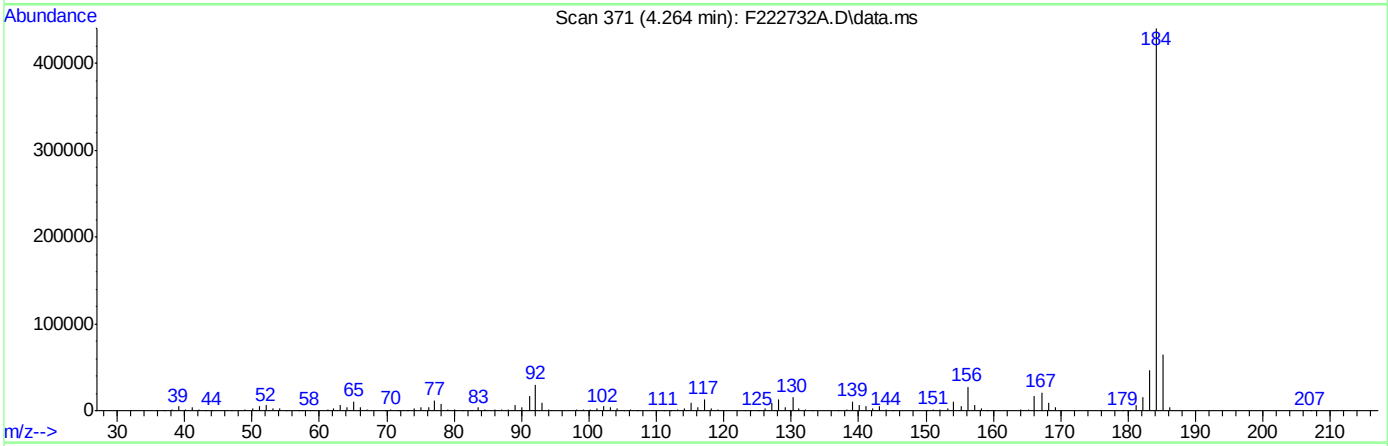
Ion	Exp%	Act%
265.80	100	100
263.80	62.90	60.05
267.80	63.50	60.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222732A.D
Acq On : 7 Nov 2024 8:48 am
Operator : jackleey
Sample : dftpp
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 08:54:38 2024
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPF.M
Quant Title : Semi Volatile GC/MS, ZB-5MS 30m x .25mm x .25um
QLast Update : Mon Oct 28 09:24:13 2024
Response via : Initial Calibration





TIC: F222732A.D\data.ms

(2) Benzidine (t)

4.264min (-0.162) 26.23ppm

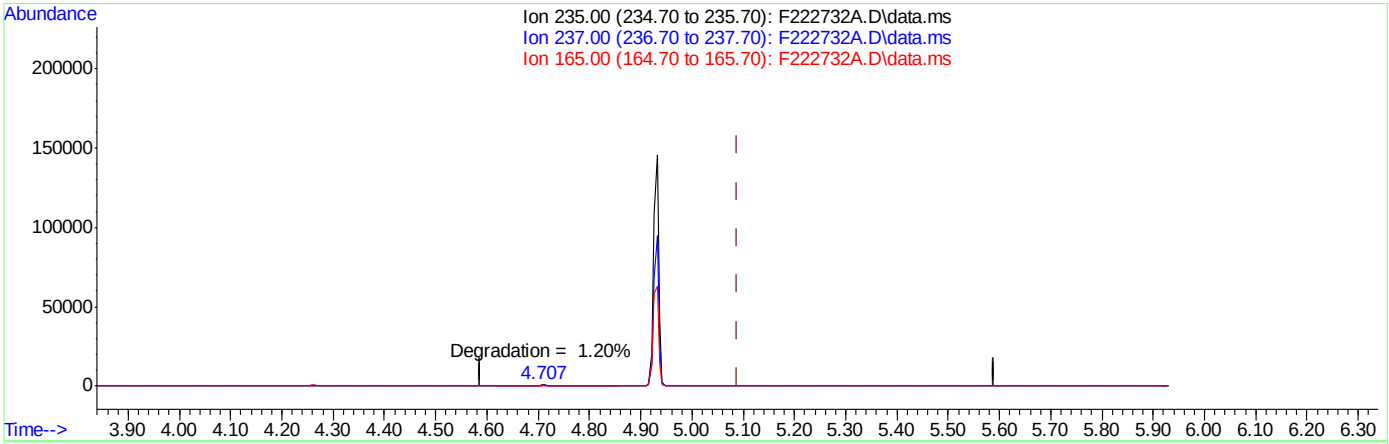
response 310738

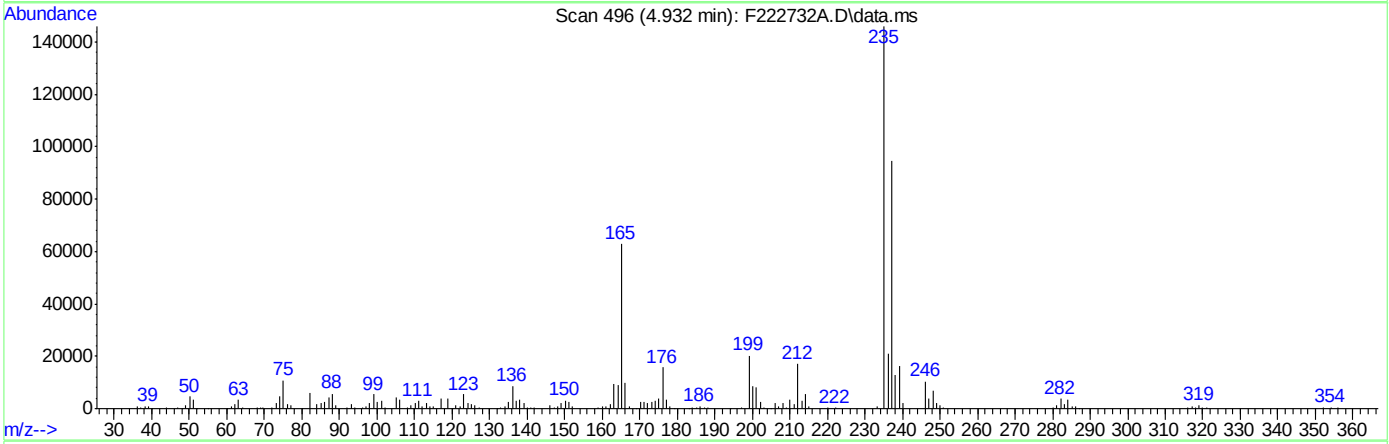
Ion	Exp%	Act%
184.00	100	100
183.00	11.70	10.41
185.00	13.50	14.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222732A.D
Acq On : 7 Nov 2024 8:48 am
Operator : jackleey
Sample : dftpp
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 08:54:38 2024
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPF.M
Quant Title : Semi Volatile GC/MS, ZB-5MS 30m x .25mm x .25um
QLast Update : Mon Oct 28 09:24:13 2024
Response via : Initial Calibration





TIC: F222732A.D\data.ms

(3) ddt (t)

4.932min (-0.157) 11.95ppm

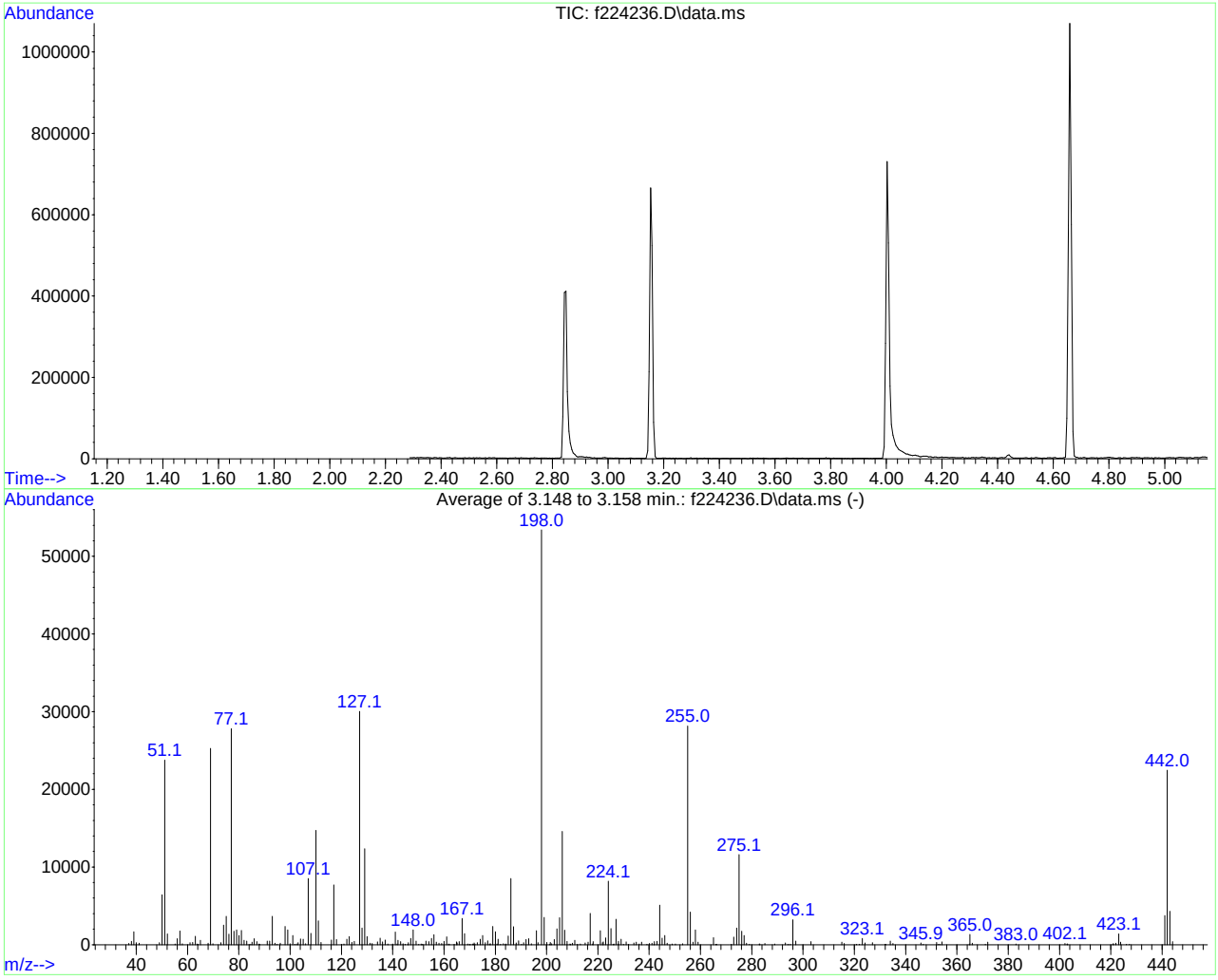
response 103314

Ion	Exp%	Act%
235.00	100	100
237.00	64.50	64.00
165.00	44.40	47.13
0.00	0.00	0.00

DFTPP

Data File : X:\Dayton SVOA GCMS\...aell\ef9960\f224236.D Vial: 2
Acq On : 28 Jan 2025 8:03 am Operator: kaleigh
Sample : dftpp Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : X:\Dayton SVOA G...\ef9960\dftppf.m (RTE Integrator)
Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um



Spectrum Information: Average of 3.148 to 3.158 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	44.5	23774	PASS
68	69	0.00	2	0.7	189	PASS
69	198	0.00	100	47.3	25256	PASS
70	69	0.00	2	0.5	126	PASS
127	198	40	60	56.2	30026	PASS
197	198	0.00	1	0.5	249	PASS
198	198	100	100	100.0	53387	PASS
199	198	5	9	6.6	3531	PASS
275	198	10	30	21.7	11595	PASS
365	198	1	100	2.5	1314	PASS
441	443	0.10	100	87.0	3759	PASS
442	198	40	100	42.1	22475	PASS
443	442	17	23	19.2	4319	PASS

f224236.D dftppf.m Tue Jan 28 15:48:53 2025

Average of 3.148 to 3.158 min.: f224236.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.10	160	57.05	1765	73.05	275	84.00	7
38.15	430	58.00	131	74.10	2508	84.60	50
39.10	1675	61.00	274	75.10	3635	85.15	338
40.05	273	62.00	288	76.10	1367	86.00	771
41.15	179	63.05	1064	77.10	27800	87.05	380
49.00	243	63.90	73	78.05	1746	87.90	83
50.10	6411	64.10	55	79.10	1910	88.20	52
51.10	23774	65.05	579	80.05	1181	91.05	464
52.10	1375	68.00	189	81.05	1826	92.00	463
55.20	81	69.00	25256	82.00	573	93.05	3649
56.00	785	69.95	126	83.05	453	94.05	185

Average of 3.148 to 3.158 min.: f224236.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.90	53	106.00	135	122.10	688	135.05	841
96.15	186	107.05	8522	123.05	1043	136.00	353
98.05	2353	108.10	1453	124.05	296	137.05	599
99.05	1916	110.10	14707	125.00	423	138.10	103
100.00	132	111.05	3085	127.10	30026	140.00	70
101.05	1199	112.00	300	128.05	2126	141.05	1622
101.90	57	116.05	586	129.10	12354	141.70	87
102.70	73	117.05	7698	130.00	1051	142.05	573
103.10	270	118.10	661	131.15	197	143.05	391
104.05	725	120.00	55	131.95	140	144.05	124
105.05	698	121.00	81	134.05	370	144.90	62

Average of 3.148 to 3.158 min.: f224236.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
145.90	56	155.10	822	165.10	214	173.00	267
146.15	245	156.10	1303	165.95	378	174.10	717
147.05	810	157.05	338	167.05	3365	175.10	1173
148.00	1892	158.05	193	168.05	1413	176.10	264
149.10	466	159.10	171	169.20	72	177.00	498
150.10	54	160.05	416	170.00	60	177.80	88
151.10	90	161.10	1013	170.20	59	178.10	117
151.40	60	161.80	73	171.10	86	179.05	2361
151.70	66	162.10	69	171.50	54	180.00	1646
152.95	449	164.00	52	171.75	218	180.70	80
154.05	404	164.90	345	172.10	91	181.10	697

Average of 3.148 to 3.158 min.: f224236.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
182.00	50	192.00	665	202.95	684	213.20	80
183.20	112	193.05	781	204.05	2032	215.05	231
184.00	53	194.05	124	205.10	3496	216.15	339
184.20	86	196.00	1794	206.10	14568	217.00	4011
185.05	1106	196.70	249	207.05	1873	217.90	102
186.10	8520	198.00	53387	208.00	429	218.10	381
187.10	2325	199.00	3531	209.10	103	221.00	1813
188.10	240	200.05	288	209.30	60	221.80	246
189.05	507	201.20	56	210.00	203	222.10	349
190.20	63	201.40	282	210.95	582	223.05	886
191.05	246	202.00	128	212.00	57	224.10	8161

Average of 3.148 to 3.158 min.: f224236.D\data.ms
dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
225.10	2085	234.95	339	246.05	1198	266.00	59
225.90	54	236.10	84	247.05	195	266.30	60
226.20	74	237.05	328	249.00	103	272.00	52
227.05	3261	239.10	69	250.20	70	273.00	980
227.90	83	240.10	144	253.05	120	274.10	2141
228.05	423	241.05	207	255.00	28164	275.05	11595
229.05	711	241.90	68	256.00	4200	276.05	1721
230.00	55	242.05	390	257.10	310	277.00	1174
231.05	349	243.10	447	258.00	1917	277.95	184
232.00	68	244.05	5082	259.00	326	279.10	64
234.05	214	245.05	843	265.05	900	282.90	100

Average of 3.148 to 3.158 min.: f224236.D\data.ms

dftppf.m Tue Jan 28 15:48:05 2025 Page: 0

dftpp
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
283.10	79	320.80	58	352.10	278	402.90	87
285.15	159	322.00	65	352.80	52	403.10	102
288.90	83	323.10	822	353.30	56	420.80	82
293.10	227	324.10	241	354.10	349	421.00	137
294.10	52	327.10	255	364.80	86	421.90	200
295.00	57	331.90	59	365.00	1314	423.05	1387
296.05	3194	332.20	58	365.95	175	423.85	342
297.10	450	334.05	448	371.10	60	426.10	50
303.10	400	335.05	162	372.00	326	427.20	56
315.10	339	345.95	228	383.00	86	441.00	3759
316.05	164	346.90	56	402.10	148	442.00	22475

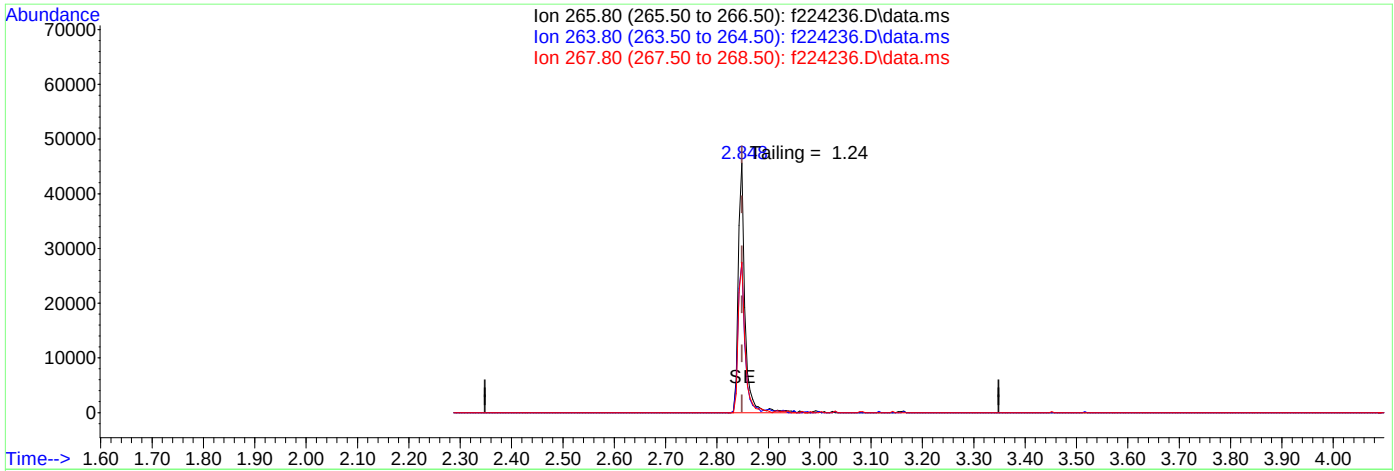
Average of 3.148 to 3.158 min.: f224236.D\data.ms
dftpp
Modified:subtracted

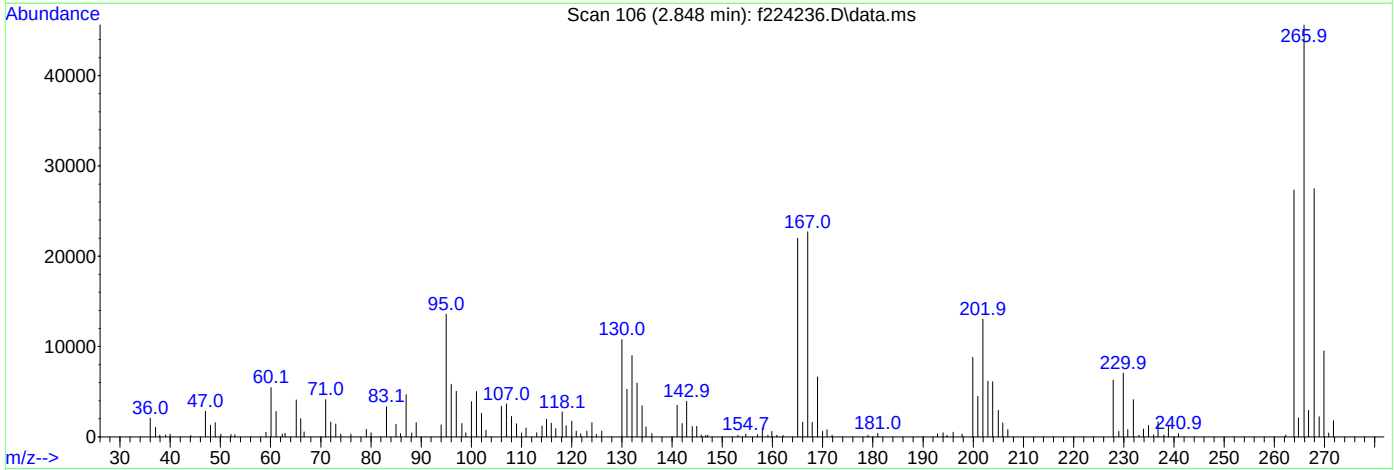
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
443.05	4319						
444.05	412						

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224236.D
Acq On : 28 Jan 2025 8:03 am
Operator : kaleigh
Sample : dftpp Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 15:47:32 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\dftppf.m
Quant Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um
QLast Update : Tue Jan 28 15:47:26 2025
Response via : Initial Calibration





TIC: f224236.D\data.ms

(1) Pentachlorophenol (t)

2.848min (0.000) 21.21ppb

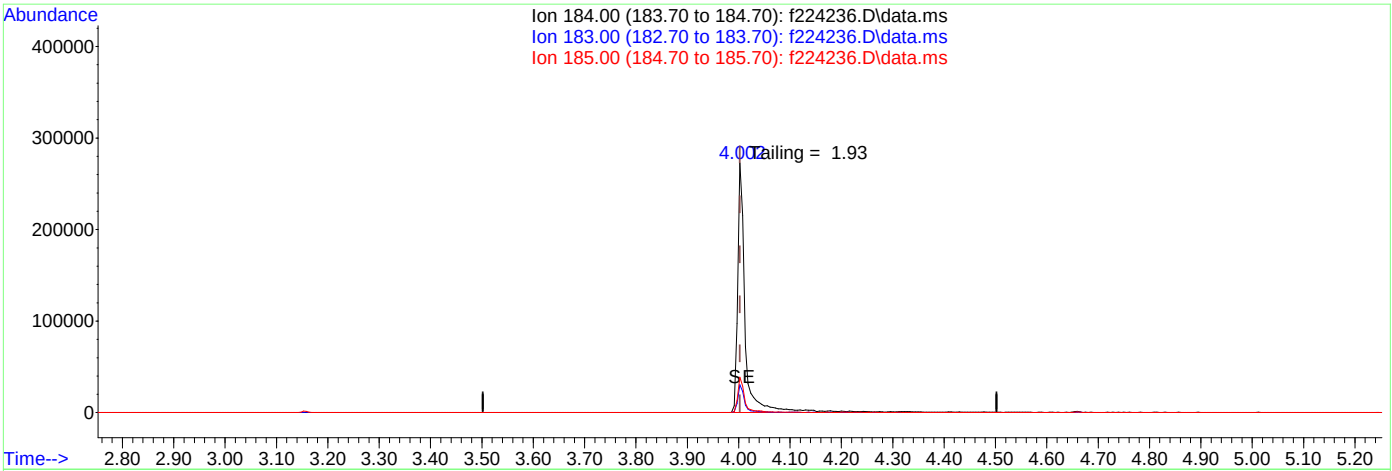
response 39422

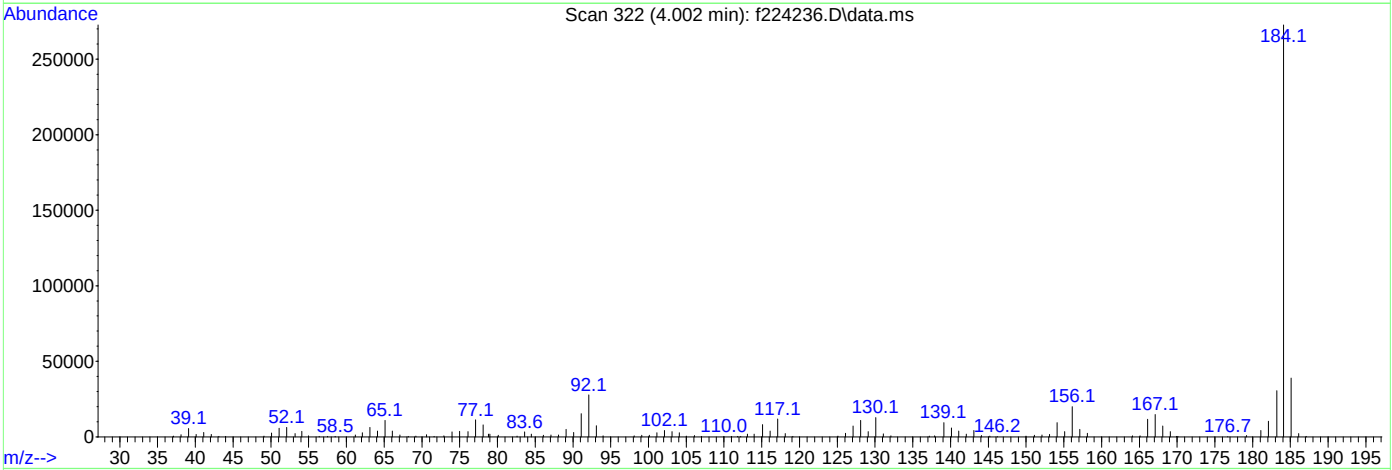
Ion	Exp%	Act%
265.80	100	100
263.80	59.90	59.61
267.80	60.20	60.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224236.D
Acq On : 28 Jan 2025 8:03 am
Operator : kaleigh
Sample : dftpp Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 15:47:32 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\dftppf.m
Quant Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um
QLast Update : Tue Jan 28 15:47:26 2025
Response via : Initial Calibration





TIC: f224236.D\data.ms

(2) Benzidine (t)

4.002min (0.000) 14.16ppb

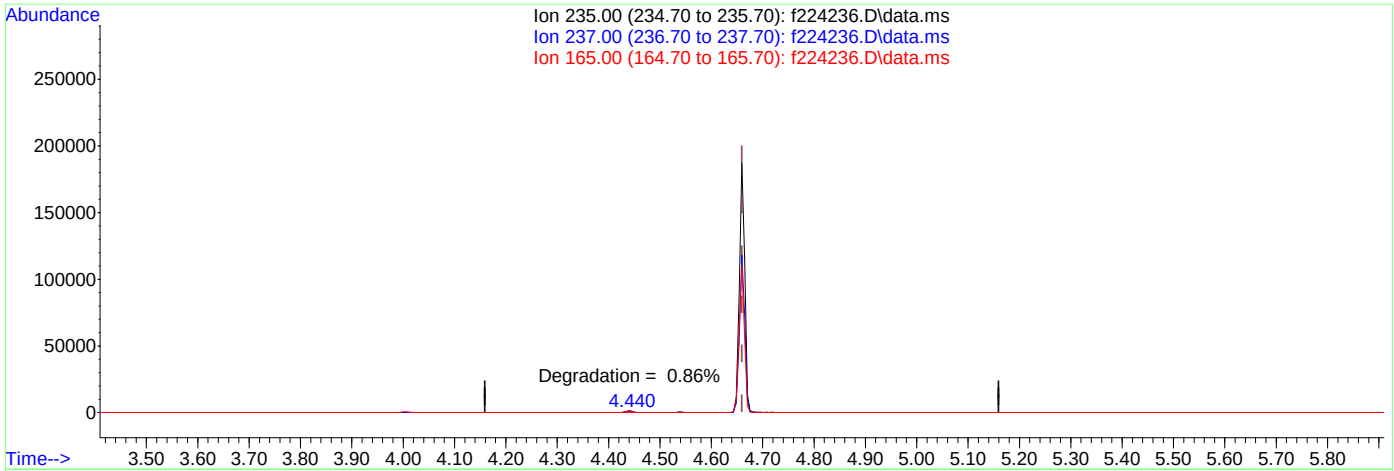
response 265167

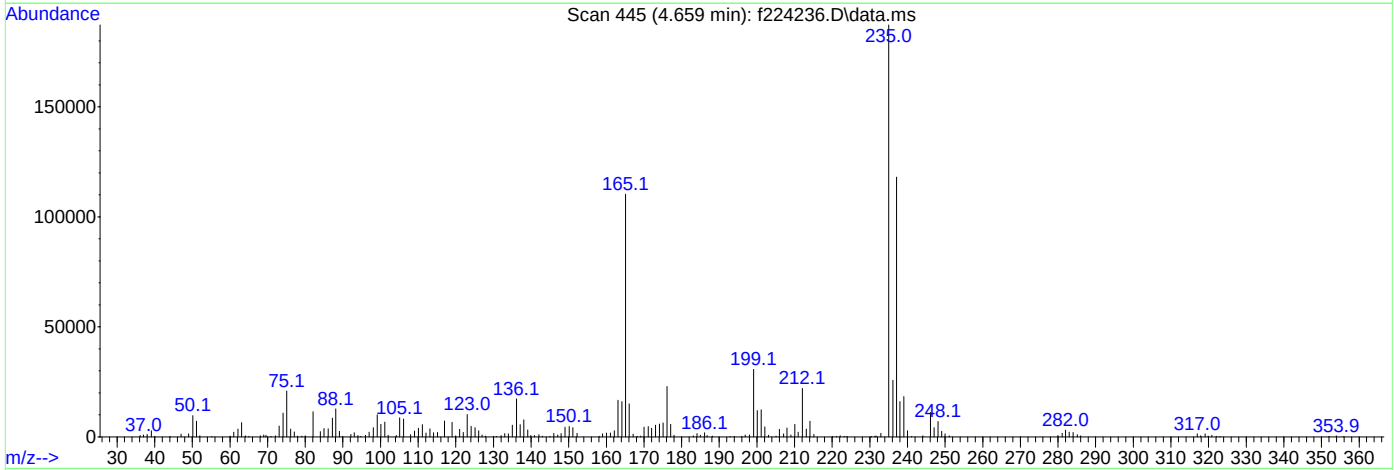
Ion	Exp%	Act%
184.00	100	100
183.00	11.20	10.43
185.00	14.20	13.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224236.D
Acq On : 28 Jan 2025 8:03 am
Operator : kaleigh
Sample : dftpp Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 15:47:32 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\dftppf.m
Quant Title : Semi Volatile GC/MS, ZB-5MSi 30m x .25mm x .25um
QLast Update : Tue Jan 28 15:47:26 2025
Response via : Initial Calibration





TIC: f224236.D\data.ms

(3) ddt (t)

4.659min (0.000) 8.56ppb

response 132946

Ion	Exp%	Act%
235.00	100	100
237.00	63.00	62.81
165.00	58.80	58.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9756.D
Acq On : 17 Dec 2024 03:47 pm
Operator : rocquans
Sample : icc420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 09:11:57 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:11:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	180722	40.00	ppm	0.00
24) Naphthalene-d8	5.143	136	710518	40.00	ppm	0.00
46) Acenaphthene-d10	6.250	164	387334	40.00	ppm	0.00
69) Phenanthrene-d10	7.411	188	638656	40.00	ppm	0.00
84) Chrysene-d12	9.871	240	540256	40.00	ppm	0.00
93) Perylene-d12	11.214	264	551597	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	4.394	152	180722	40.00	ppm	0.00
105) Phenanthrene-d10a	7.411	188	638656	40.00	ppm	0.00
107) Naphthalene-d8a	5.143	136	710518	40.00	ppm	0.00
109) Phenanthrene-d10b	7.411	188	638656	40.00	ppm	0.00
112) Chrysene-d12a	9.871	240	540256	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.554	112	288116	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
8) Phenol-d5	4.164	99	377325	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
25) Nitrobenzene-d5	4.721	82	357580	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
51) 2-Fluorobiphenyl	5.790	172	638397	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
74) 2,4,6-Tribromophenol	6.833	330	78609	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
87) Terphenyl-d14	8.866	244	687038	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.249	88	108439	50.00	ppm	100
3) Pyridine	2.544	79	310221	50.00	ppm	100
4) N-Nitrosodimethylamine	2.511	74	184883	50.00	ppm	100
6) Indene	4.549	116	537470	50.00	ppm	100
7) Cumene	3.908	105	616368	50.00	ppm	100
9) Phenol	4.170	94	406587	50.00	ppm	100
10) Aniline	4.191	93	500301	50.00	ppm	100
11) bis(2-Chloroethyl)ether	4.234	93	321852	50.00	ppm	100
12) 2-Chlorophenol	4.266	128	335476	50.00	ppm	100
13) Decane	4.298	43	333775	50.00	ppm	100
14) 1,3-Dichlorobenzene	4.362	146	354758	50.00	ppm	100
15) 1,4-Dichlorobenzene	4.405	146	357050	50.00	ppm	100
16) Benzyl alcohol	4.474	108	228526	50.00	ppm	100
17) 1,2-Dichlorobenzene	4.496	146	342762	50.00	ppm	100
18) Acetophenone	4.635	105	459983	49.99	ppm	100
19) 2-Methylphenol	4.539	108	296954	50.00	ppm	100
20) 2,2'-oxybis(1-Chloropr...	4.555	121	102795	50.00	ppm	100
21) 3&4-Methylphenol	4.630	108	609390	100.00	ppm	100
22) n-Nitroso-di-n-propyla...	4.635	70	224841	50.00	ppm	100
23) Hexachloroethane	4.699	201	119584	50.00	ppm	100
26) Nitrobenzene	4.737	77	347066	50.00	ppm	100
27) Quinoline	5.352	129	625301	50.00	ppm	100
28) Isophorone	4.876	82	614798	50.00	ppm	100
29) 2-Nitrophenol	4.918	139	174523	50.00	ppm	100
30) 2,4-Dimethylphenol	4.934	107	328905	50.00	ppm	100

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9756.D
Acq On : 17 Dec 2024 03:47 pm
Operator : rocquans
Sample : icc420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 09:11:57 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:11:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Benzoic acid	5.004	105	266678	50.00	ppm	100
32) bis(2-Chloroethoxy)met...	4.993	93	395840	50.00	ppm	100
33) 2,4-Dichlorophenol	5.052	162	270419	50.00	ppm	100
34) 2,6-Dichlorophenol	5.186	162	265798	50.00	ppm	100
35) 1,3,5-Trichlorobenzene	4.924	180	297270	50.00	ppm	100
36) 1,2,4-Trichlorobenzene	5.106	180	279864	50.00	ppm	100
37) 1,2,3-Trichlorobenzene	5.239	180	275428	50.00	ppm	100
38) Naphthalene	5.154	128	926265	50.00	ppm	100
39) 4-Chloroaniline	5.180	127	402925	50.00	ppm	100
40) 2,3-Dichloroaniline	5.737	161	305423	50.00	ppm	100
41) Hydroquinone	5.352	110	216736	50.00	ppm	100
42) Hexachlorobutadiene	5.223	225	151795	50.00	ppm	100
43) 4-Chloro-3-methylphenol	5.453	107	279499	50.00	ppm	100
44) 2-Methylnaphthalene	5.566	141	563504	50.00	ppm	100
45) 1-Methylnaphthalene	5.624	141	531659	50.00	ppm	100
47) Hexachlorocyclopentadiene	5.662	237	305717	100.00	ppm	100
48) 1,2,4,5-tetrachloroben...	5.667	216	268442	50.00	ppm	100
49) 2,4,6-Trichlorophenol	5.731	196	183666	50.00	ppm	100
50) 2,4,5-Trichlorophenol	5.753	196	199263	50.00	ppm	100
52) 2-Chloronaphthalene	5.876	162	575875	50.00	ppm	100
53) Biphenyl	5.854	154	737415	50.00	ppm	100
54) 2-Nitroaniline	5.929	65	183561	50.00	ppm	100
55) Dimethylphthalate	6.047	163	673948	50.00	ppm	100
56) Acenaphthylene	6.154	152	836905	50.00	ppm	100
57) 2,6-Dinitrotoluene	6.090	165	148045	50.00	ppm	100
58) 3-Nitroaniline	6.207	138	173599	50.00	ppm	100
59) Acenaphthene	6.272	153	601975	50.00	ppm	100
60) 2,4-Dinitrophenol	6.277	184	163969	100.00	ppm	100
61) 4-Nitrophenol	6.304	109	96301	50.00	ppm	100
62) Dibenzofuran	6.395	168	805090	50.00	ppm	100
63) 2,4-Dinitrotoluene	6.373	165	203621	50.00	ppm	100
64) 2,3,4,6-Tetrachlorophenol	6.475	232	154308	50.00	ppm	100
65) Diethylphthalate	6.550	149	699469	50.00	ppm	100
66) Fluorene	6.651	166	641339	50.00	ppm	100
67) 4-Chlorophenyl-phenyle...	6.646	204	292342	50.00	ppm	100
68) 4-Nitroaniline	6.657	138	181412	50.00	ppm	100
70) 4,6-Dinitro-2-methylph...	6.678	198	105787	50.00	ppm	100
71) n-Nitrosodiphenylamine	6.732	169	554453	50.00	ppm	100
72) 1,2-Diphenylhydrazine	6.769	77	669841	50.00	ppm	100
73) pentachloronitrobenzene	7.261	295	29305	50.00	ppm	100
75) 4-Bromophenyl-phenylether	7.031	248	160630	50.00	ppm	100
76) Hexachlorobenzene	7.085	284	169217	50.00	ppm	100
77) Pentachlorophenol	7.245	266	249080	100.00	ppm	100
78) Phenanthrene	7.432	178	920665	50.00	ppm	100
79) Anthracene	7.475	178	928652	50.00	ppm	100
80) Carbazole	7.609	167	901394	50.00	ppm	100
81) Di-n-butylphthalate	7.924	149	1193799	50.00	ppm	100
82) Fluoranthene	8.497	202	993776	50.00	ppm	100
83) Octadecane	7.309	57	548199	50.00	ppm	100
85) benzidine	8.620	184	560558	50.00	ppm	100
86) Pyrene	8.711	202	997013	50.00	ppm	100
88) Butylbenzylphthalate	9.342	149	526943	50.00	ppm	100
89) Benzo[a]anthracene	9.861	228	921637	50.00	ppm	100
90) 3,3'-Dichlorobenzidine	9.839	252	358836	50.00	ppm	100
91) Chrysene	9.898	228	864178	50.00	ppm	100
92) bis(2-Ethylhexyl)phtha...	9.914	149	780907	50.00	ppm	100
94) Di-n-octylphthalate	10.524	149	1365074	50.00	ppm	100

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9756.D
Acq On : 17 Dec 2024 03:47 pm
Operator : rocquans
Sample : icc420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 09:11:57 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:11:45 2024
Response via : Initial Calibration

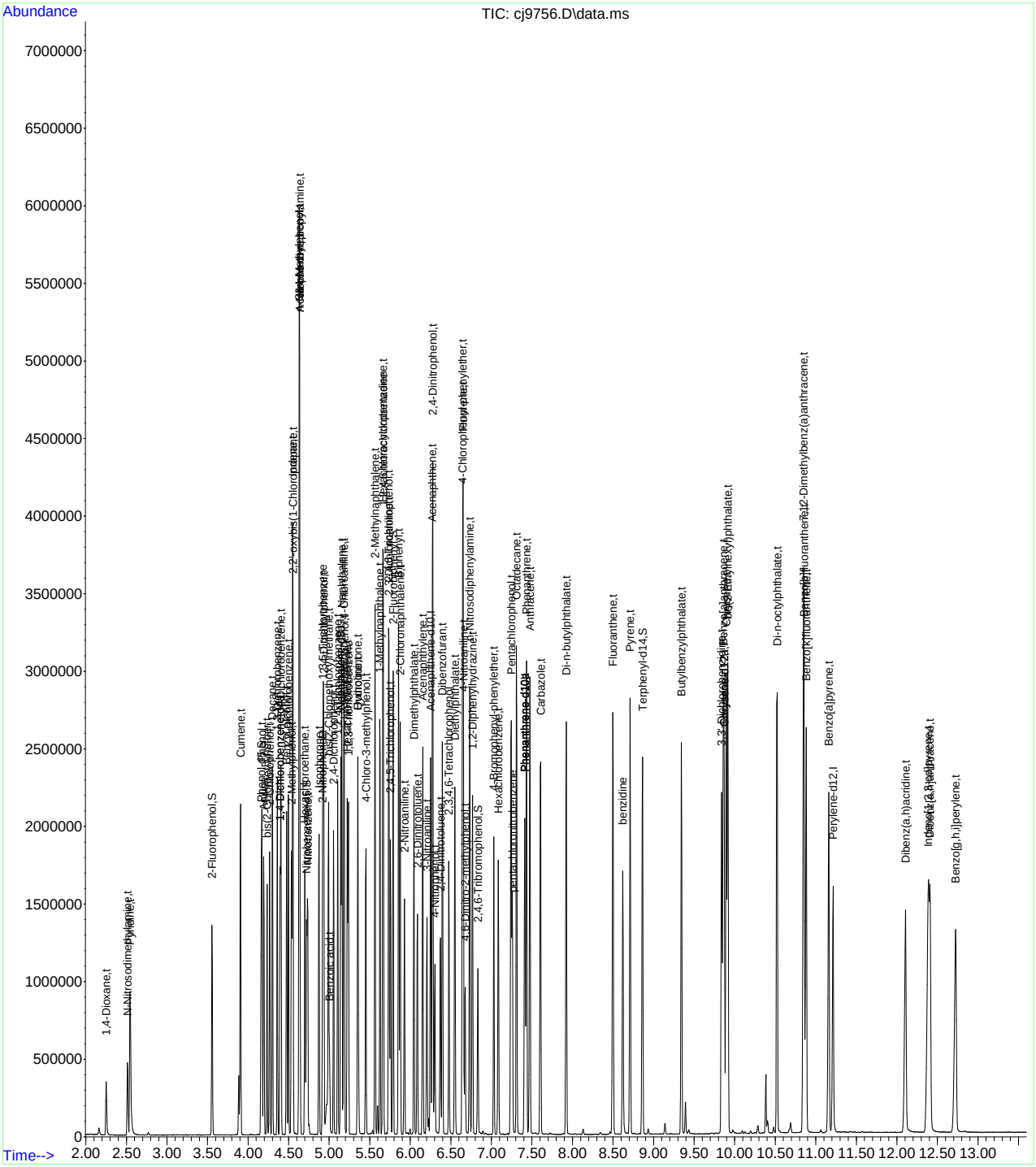
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	Benzo[b]fluoranthene	10.855	252	907909	50.00	ppm	100
96)	Benzo[k]fluoranthene	10.882	252	835060	50.00	ppm	100
97)	Benzo[a]pyrene	11.160	252	770981	50.00	ppm	100
98)	Indeno[1,2,3-cd]pyrene	12.385	276	984370	50.00	ppm	100
99)	Dibenz(a,h)acridine	12.107	279	670531	50.00	ppm	100
100)	Dibenz[a,h]anthracene	12.407	278	780008	50.00	ppm	100
101)	7,12-Dimethylbenz(a)an...	10.850	256	307985	50.00	ppm	100
102)	Benzo[g,h,i]perylene	12.722	276	746183	50.00	ppm	100

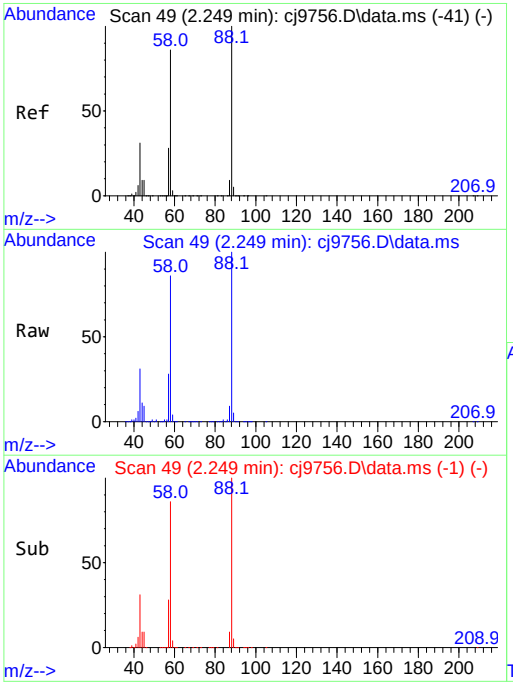
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9756.D
Acq On : 17 Dec 2024 03:47 pm
Operator : rocquans
Sample : icc420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 09:11:57 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:11:45 2024
Response via : Initial Calibration

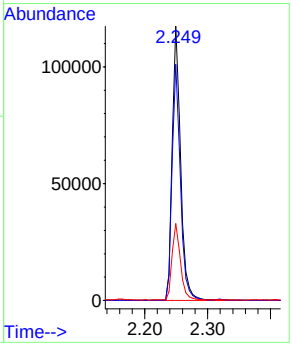


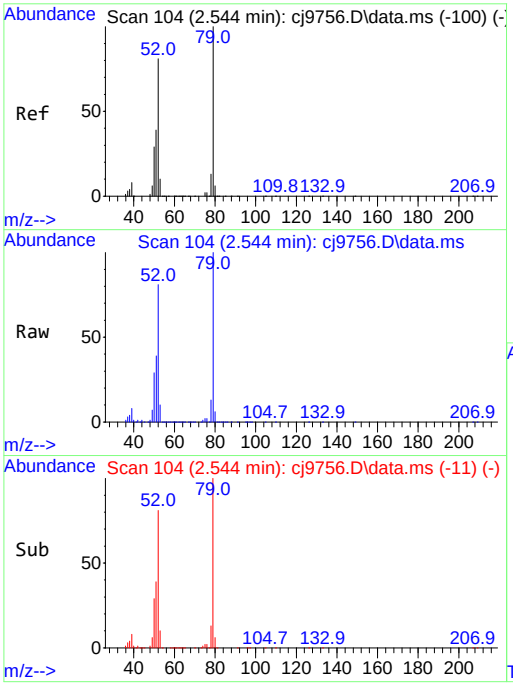


#2
1,4-Dioxane
Concen: 50.00 ppm
RT: 2.249 min Scan# 49
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 88 Resp: 108439

Ion	Ratio	Lower	Upper
88	100		
58	86.0	56.0	116.0
57	27.8	0.0	57.8

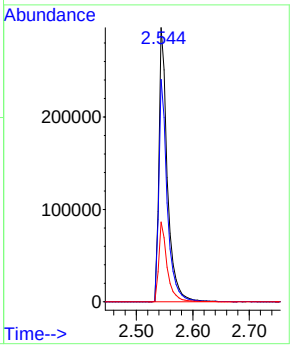


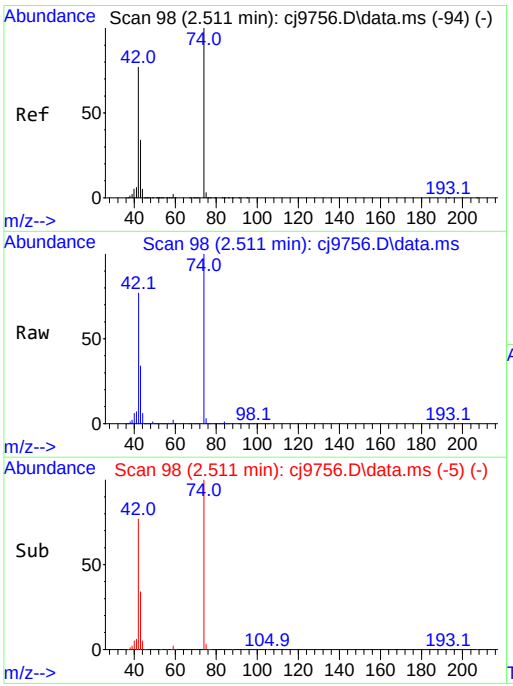


#3
Pyridine
Concen: 50.00 ppm
RT: 2.544 min Scan# 104
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 79 Resp: 310221

Ion	Ratio	Lower	Upper
79	100		
52	81.1	51.1	111.1
50	29.1	0.0	59.1

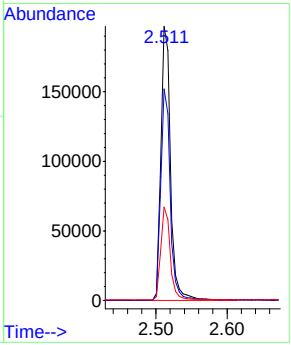


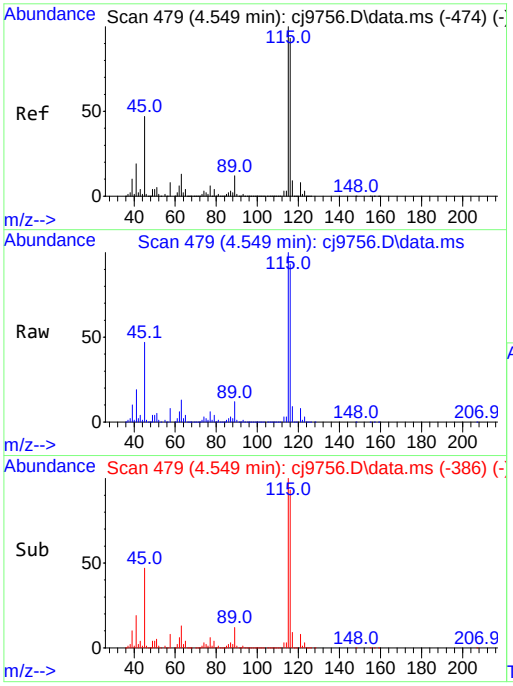


#4
N-Nitrosodimethylamine
Concen: 50.00 ppm
RT: 2.511 min Scan# 98
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 74 Resp: 184883

Ion	Ratio	Lower	Upper
74	100		
42	77.1	47.1	107.1
43	33.8	3.8	63.8

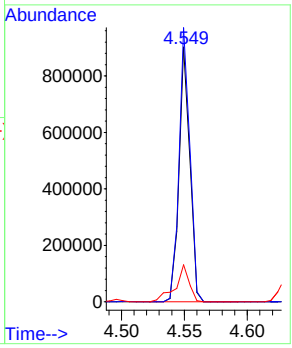


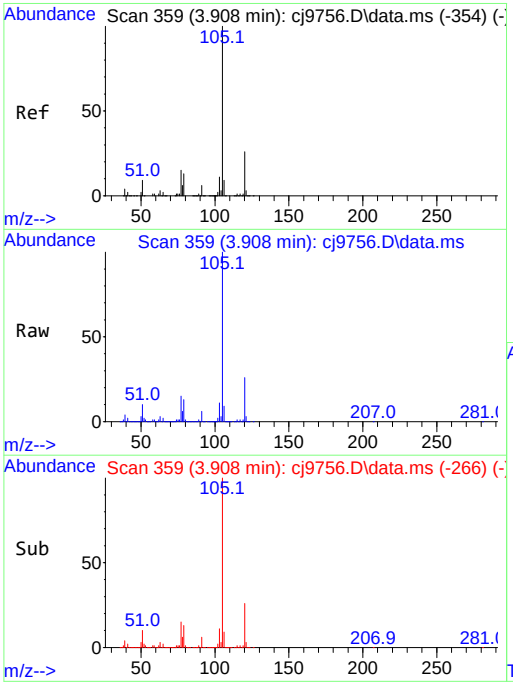


#6
Indene
Concen: 50.00 ppm
RT: 4.549 min Scan# 479
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:116 Resp: 537470

Ion	Ratio	Lower	Upper
116	100		
115	107.6	77.6	137.6
63	14.5	0.0	44.5

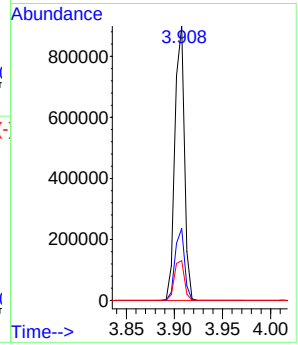


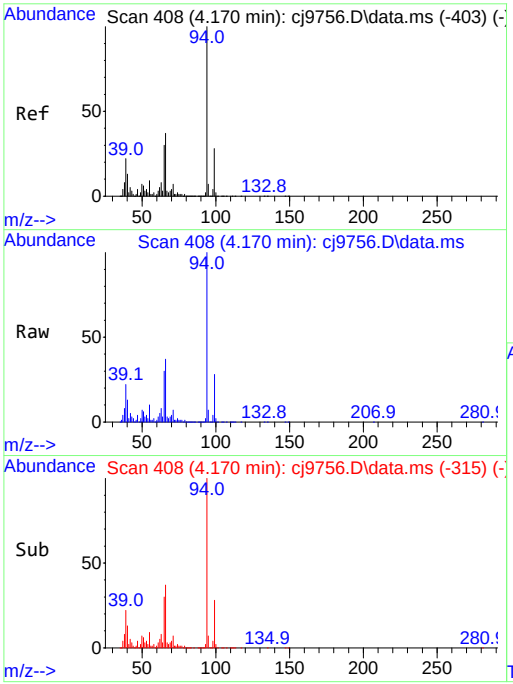


#7
Cumene
Concen: 50.00 ppm
RT: 3.908 min Scan# 359
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:105 Resp: 616368

Ion	Ratio	Lower	Upper
105	100		
120	26.3	0.0	56.3
77	14.5	0.0	44.5

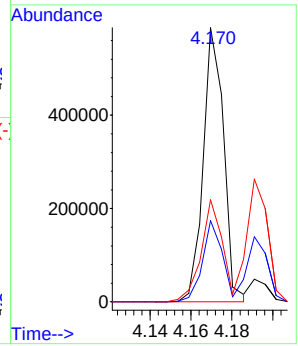


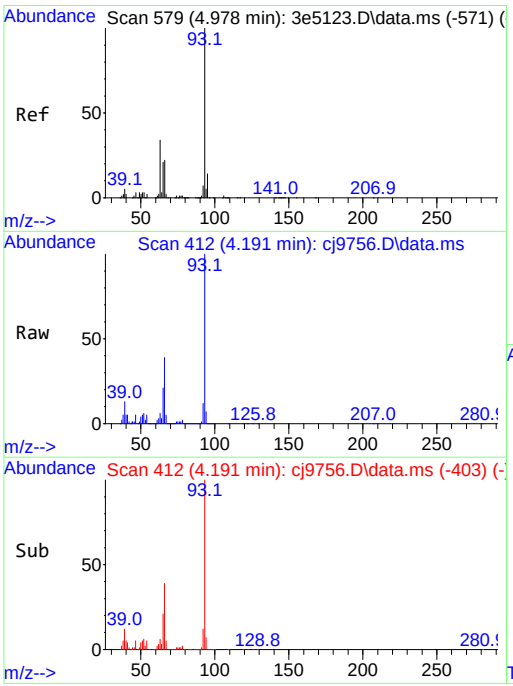


#9
Phenol
Concen: 50.00 ppm
RT: 4.170 min Scan# 408
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 94 Resp: 406587

Ion	Ratio	Lower	Upper
94	100		
65	25.8	0.0	55.8
66	29.9	0.0	59.9

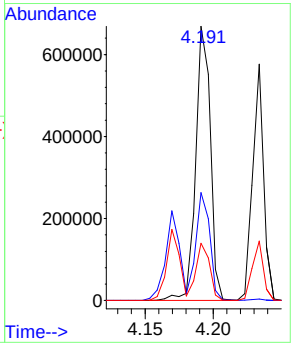


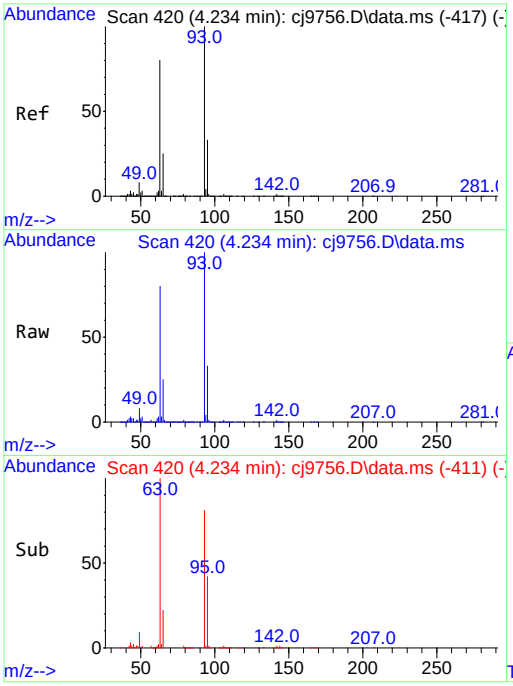


#10
Aniline
Concen: 50.00 ppm
RT: 4.191 min Scan# 412
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 93 Resp: 500301

Ion	Ratio	Lower	Upper
93	100		
66	38.9	8.9	68.9
65	20.8	0.0	50.8

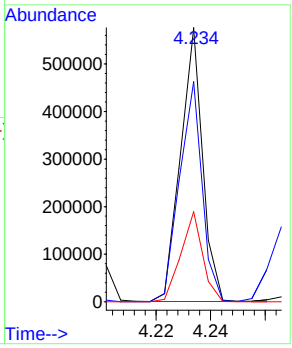


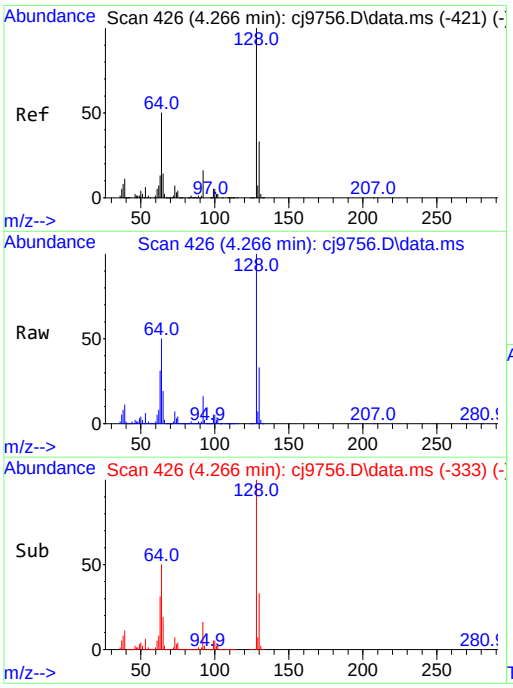


#11
bis(2-Chloroethyl)ether
Concen: 50.00 ppm
RT: 4.234 min Scan# 420
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 93 Resp: 321852

Ion	Ratio	Lower	Upper
93	100		
63	80.4	50.4	110.4
95	32.9	2.9	62.9

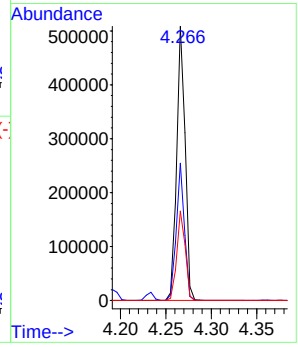


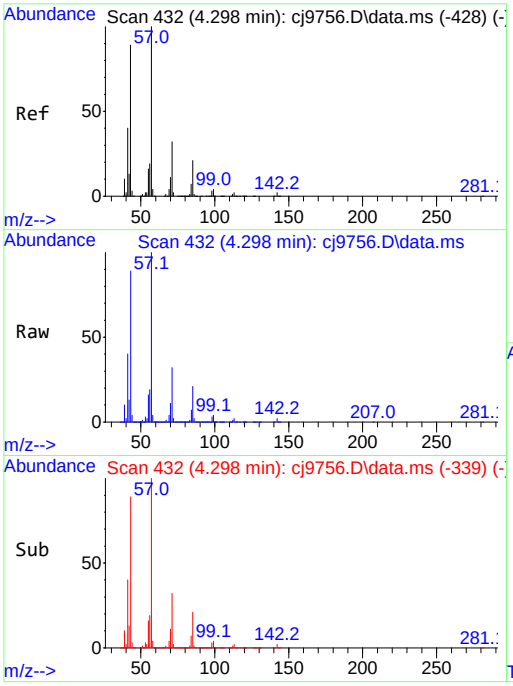


#12
2-Chlorophenol
Concen: 50.00 ppm
RT: 4.266 min Scan# 426
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:128 Resp: 335476

Ion	Ratio	Lower	Upper
128	100		
64	49.8	19.8	79.8
130	32.6	2.6	62.6

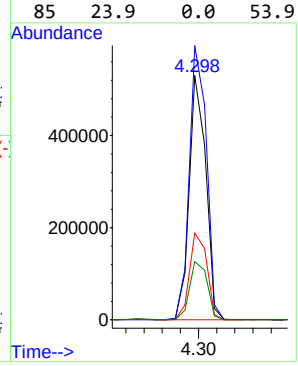


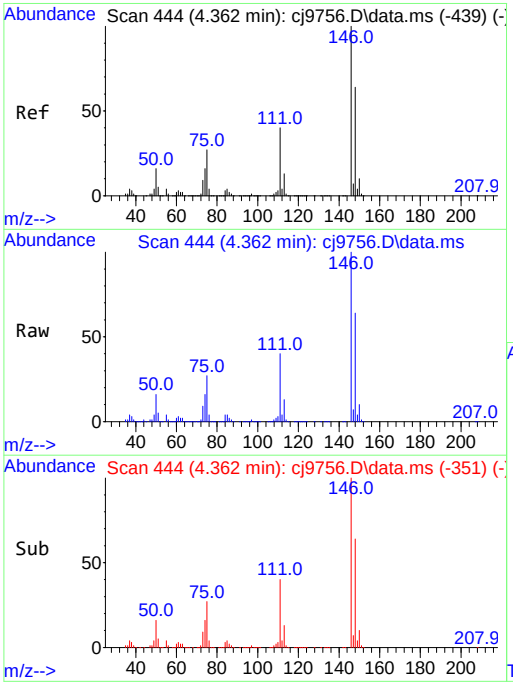


#13
Decane
Concen: 50.00 ppm
RT: 4.298 min Scan# 432
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 43 Resp: 333775

Ion	Ratio	Lower	Upper
43	100		
57	112.4	82.4	142.4
71	35.6	5.6	65.6
85	23.9	0.0	53.9

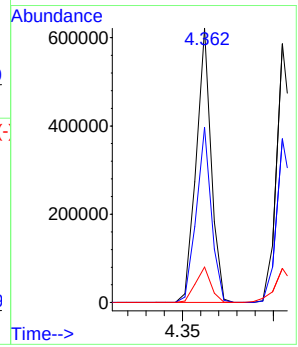


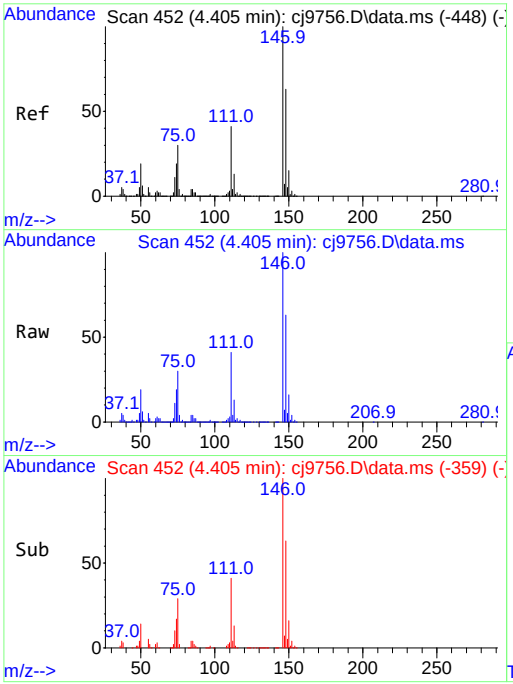


#14
1,3-Dichlorobenzene
Concen: 50.00 ppm
RT: 4.362 min Scan# 444
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:146 Resp: 354758

Ion	Ratio	Lower	Upper
146	100		
148	63.8	33.8	93.8
113	13.0	0.0	43.0

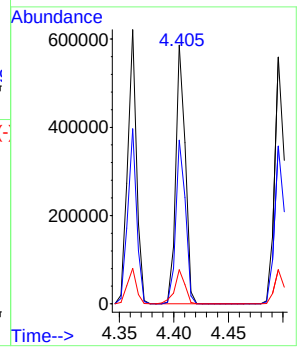


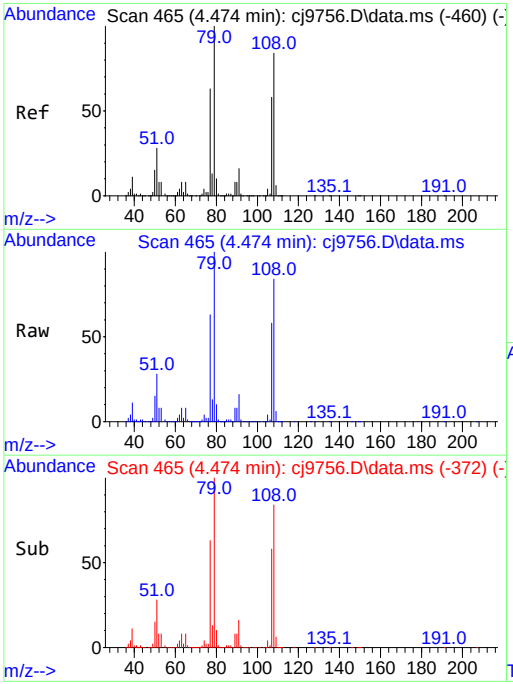


#15
1,4-Dichlorobenzene
Concen: 50.00 ppm
RT: 4.405 min Scan# 452
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:146 Resp: 357050

Ion	Ratio	Lower	Upper
146	100		
148	63.3	33.3	93.3
113	13.2	0.0	43.2

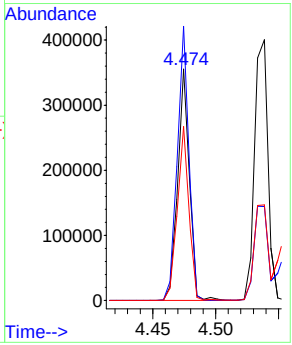


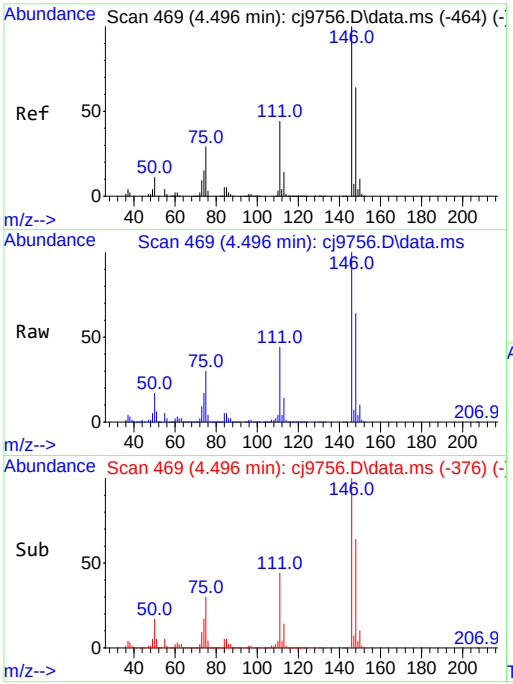


#16
Benzyl alcohol
Concen: 50.00 ppm
RT: 4.474 min Scan# 465
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:108 Resp: 228526

Ion	Ratio	Lower	Upper
108	100		
79	118.4	88.4	148.4
77	75.1	45.1	105.1

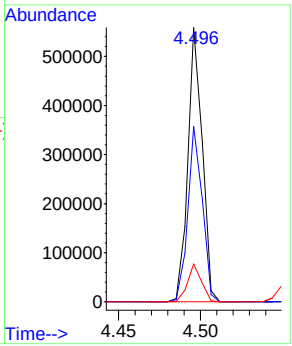


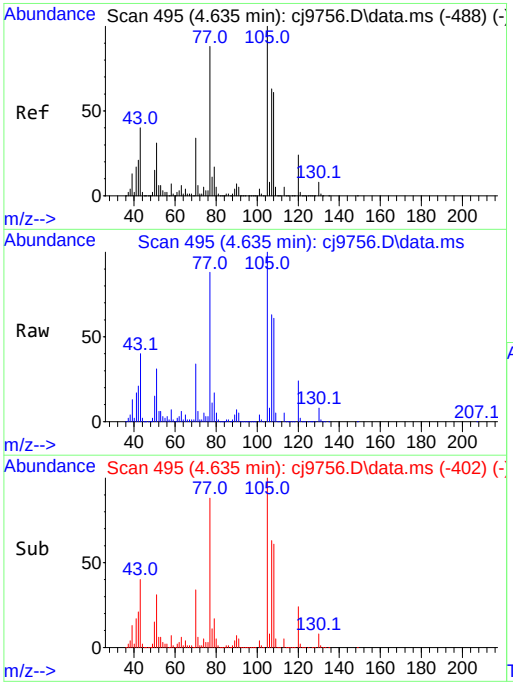


#17
1,2-Dichlorobenzene
Concen: 50.00 ppm
RT: 4.496 min Scan# 469
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:146 Resp: 342762

Ion	Ratio	Lower	Upper
146	100		
148	64.0	34.0	94.0
113	13.9	0.0	43.9

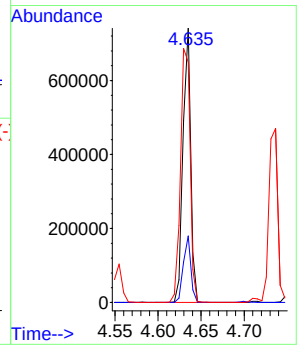


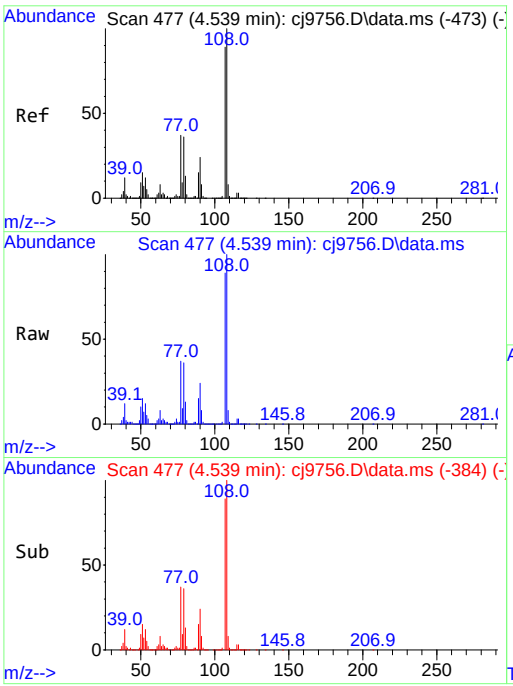


#18
Acetophenone
Concen: 49.99 ppm
RT: 4.635 min Scan# 495
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:105 Resp: 459983

Ion	Ratio	Lower	Upper
105	100		
120	24.0	0.0	54.2
77	87.6	57.6	117.6

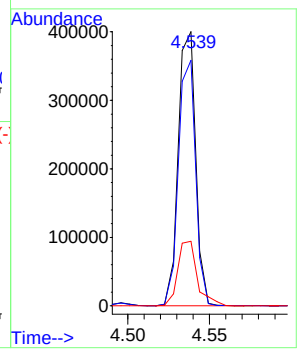


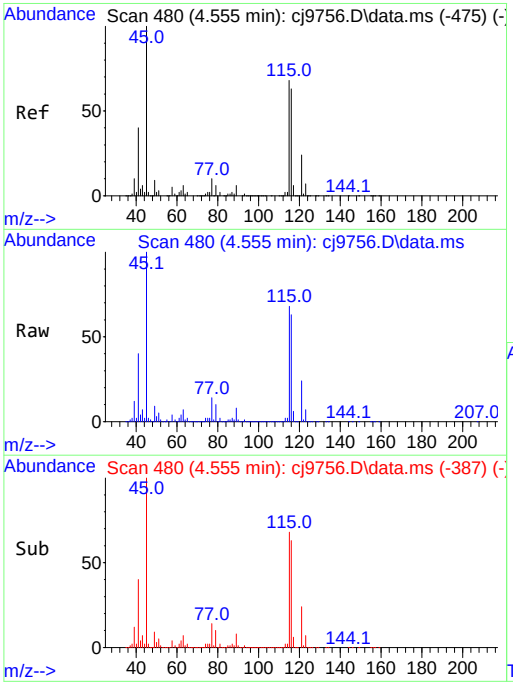


#19
2-Methylphenol
Concen: 50.00 ppm
RT: 4.539 min Scan# 477
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:108 Resp: 296954

Ion	Ratio	Lower	Upper
108	100		
107	89.5	59.5	119.5
90	23.5	0.0	53.5

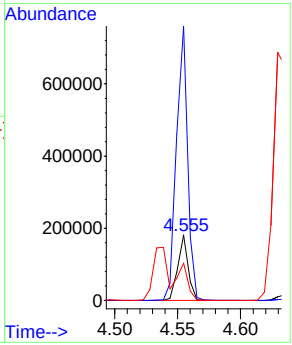


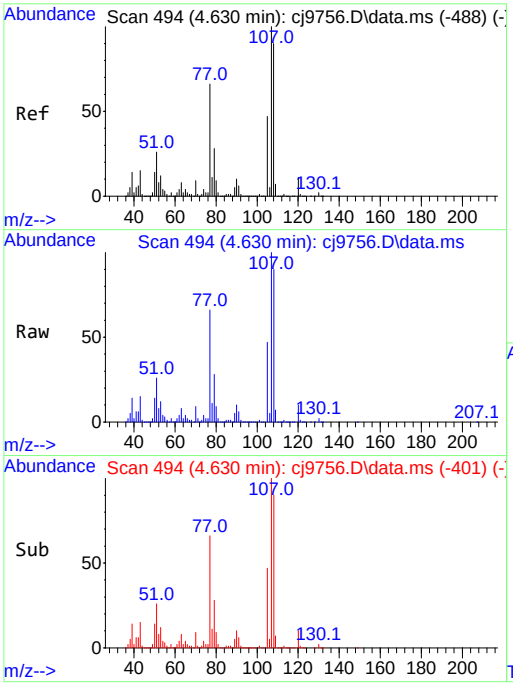


#20
2,2'-oxybis(1-Chloropropane
Concen: 50.00 ppm
RT: 4.555 min Scan# 480
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:121 Resp: 102795

Ion	Ratio	Lower	Upper
121	100		
45	419.8	389.8	449.8
77	48.9	18.9	78.9

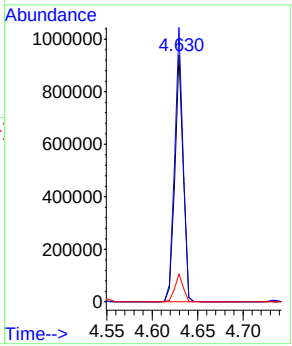


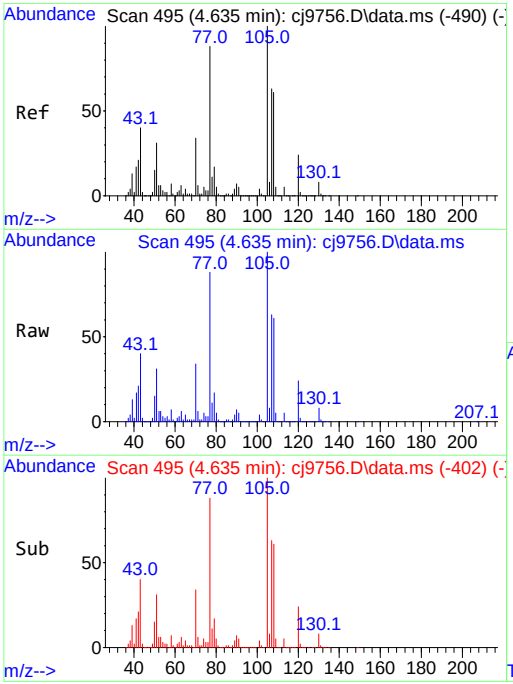


#21
3&4-Methylphenol
Concen: 100.00 ppm
RT: 4.630 min Scan# 494
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:108 Resp: 609390

Ion	Ratio	Lower	Upper
108	100		
107	111.2	81.2	141.2
90	11.3	0.0	41.3

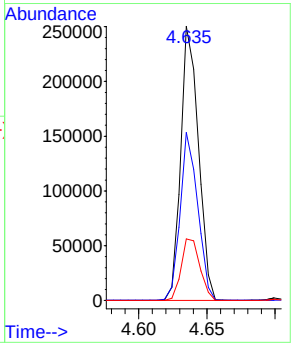


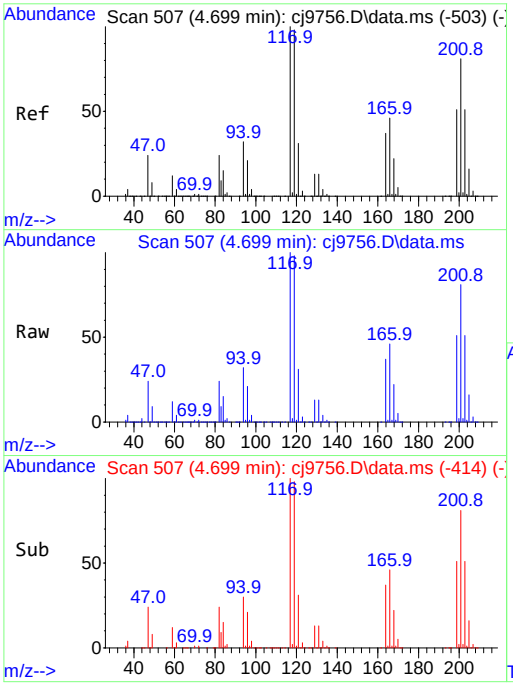


#22
n-Nitroso-di-n-propylamine
Concen: 50.00 ppm
RT: 4.635 min Scan# 495
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 70 Resp: 224841

Ion	Ratio	Lower	Upper
70	100		
42	61.2	31.2	91.2
130	22.5	0.0	52.5

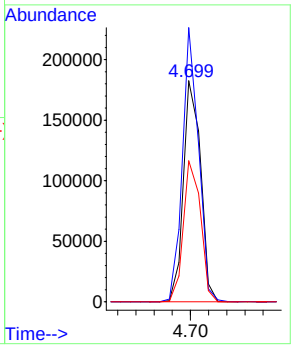


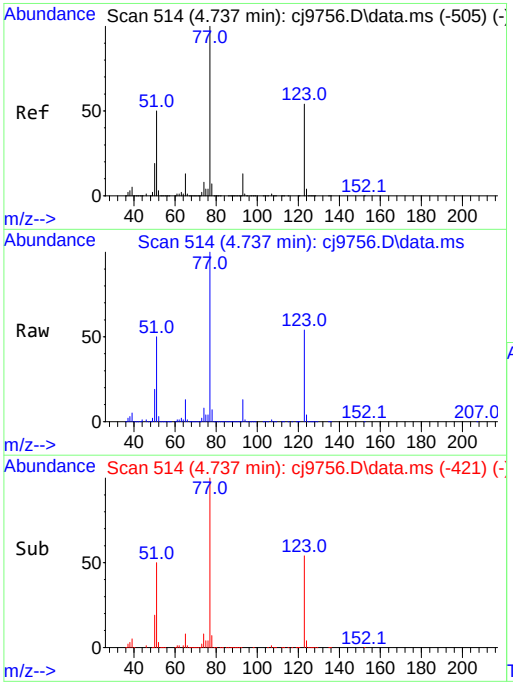


#23
Hexachloroethane
Concen: 50.00 ppm
RT: 4.699 min Scan# 507
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:201 Resp: 119584

Ion	Ratio	Lower	Upper
201	100		
117	124.0	94.0	154.0
199	63.7	33.7	93.7

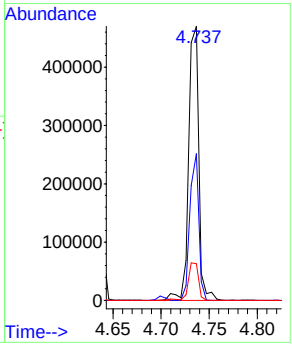


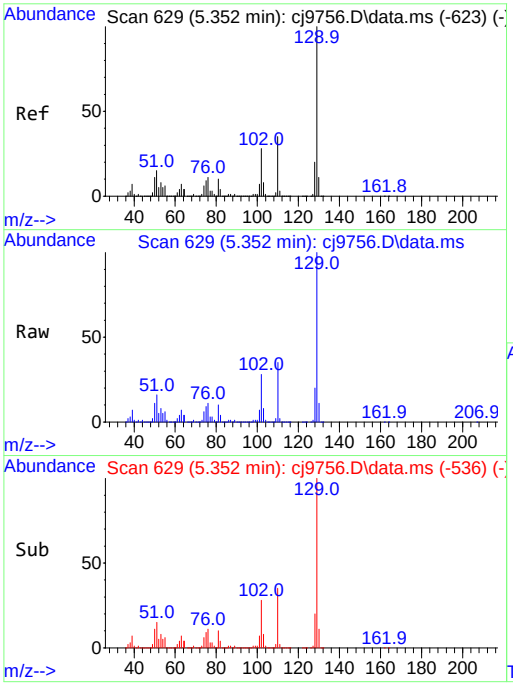


#26
Nitrobenzene
Concen: 50.00 ppm
RT: 4.737 min Scan# 514
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 77 Resp: 347066

Ion	Ratio	Lower	Upper
77	100		
123	53.6	23.6	83.6
65	13.4	0.0	43.4

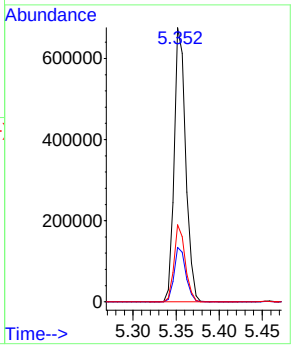


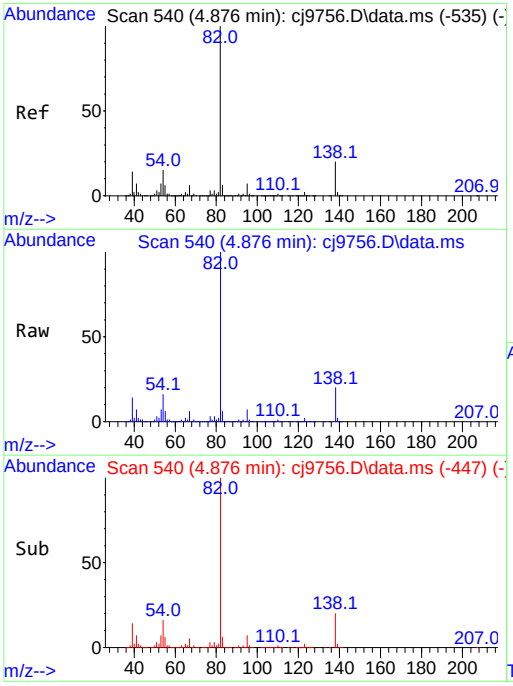


#27
Quinoline
Concen: 50.00 ppm
RT: 5.352 min Scan# 629
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:129 Resp: 625301

Ion	Ratio	Lower	Upper
129	100		
128	19.9	0.0	49.9
102	28.1	0.0	58.1

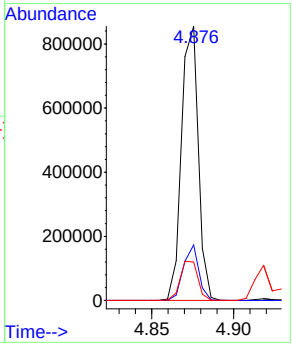


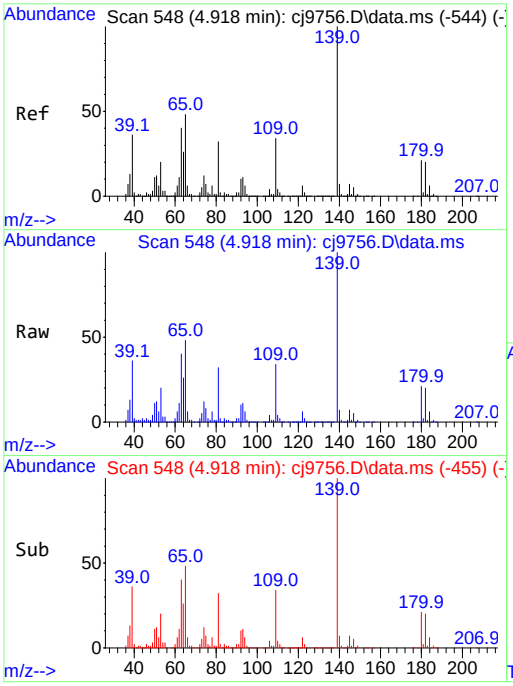


#28
Isophorone
Concen: 50.00 ppm
RT: 4.876 min Scan# 540
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 82 Resp: 614798

Ion	Ratio	Lower	Upper
82	100		
138	20.3	0.0	50.3
39	14.0	0.0	44.0

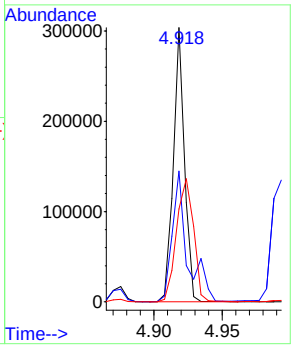


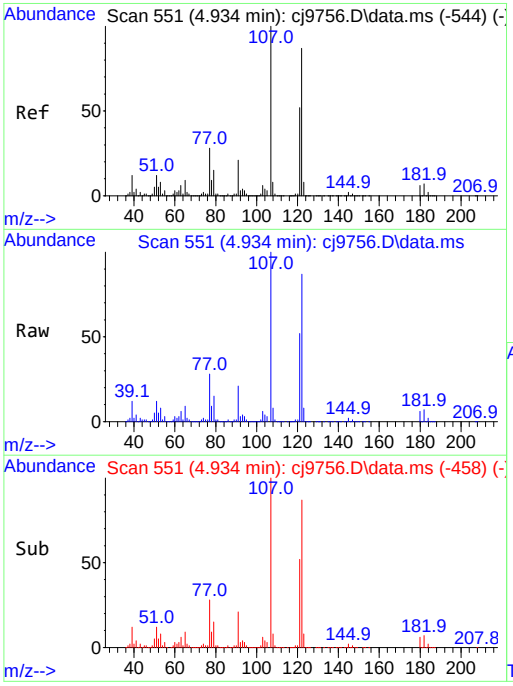


#29
2-Nitrophenol
Concen: 50.00 ppm
RT: 4.918 min Scan# 548
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:139 Resp: 174523

Ion	Ratio	Lower	Upper
139	100		
65	47.5	17.5	77.5
109	33.8	3.8	63.8

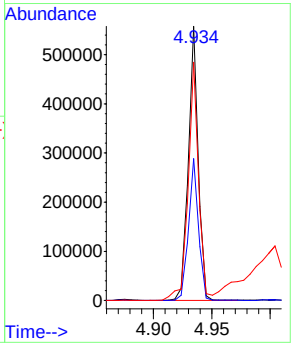


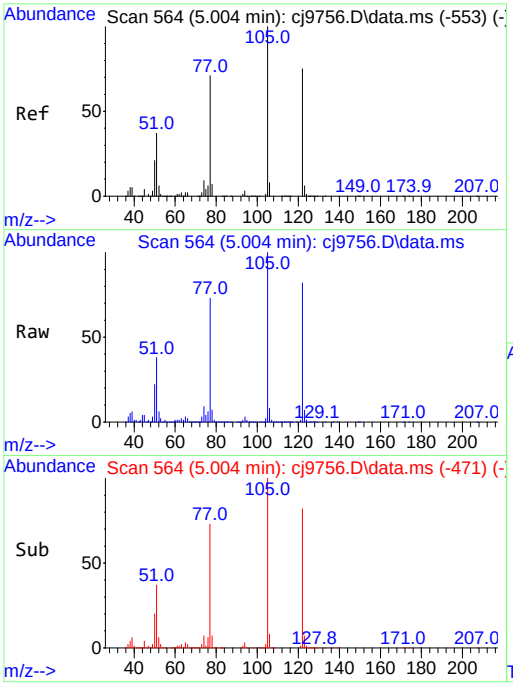


#30
2,4-Dimethylphenol
Concen: 50.00 ppm
RT: 4.934 min Scan# 551
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:107 Resp: 328905

Ion	Ratio	Lower	Upper
107	100		
121	51.7	21.7	81.7
122	83.4	53.4	113.4

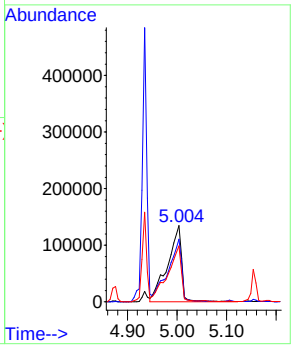


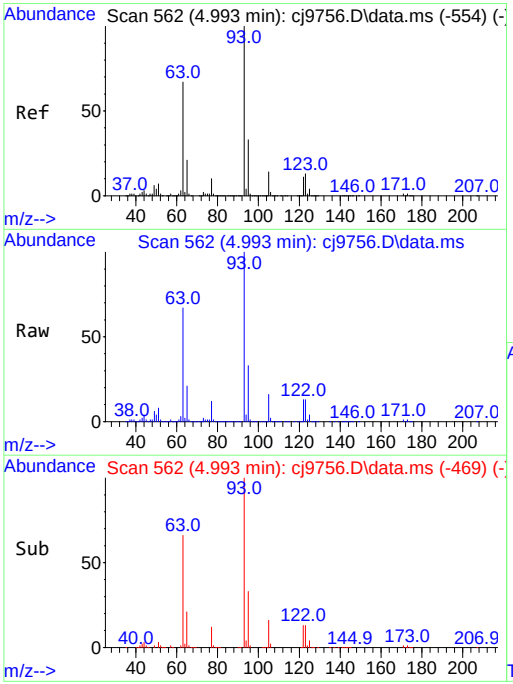


#31
Benzoic acid
Concen: 50.00 ppm
RT: 5.004 min Scan# 564
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:105 Resp: 266678

Ion	Ratio	Lower	Upper
105	100		
122	78.8	48.8	108.8
77	72.1	42.1	102.1

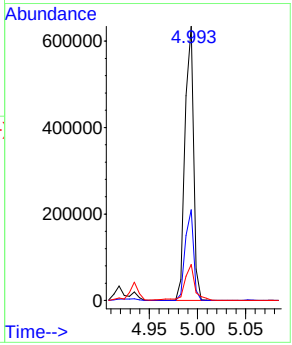


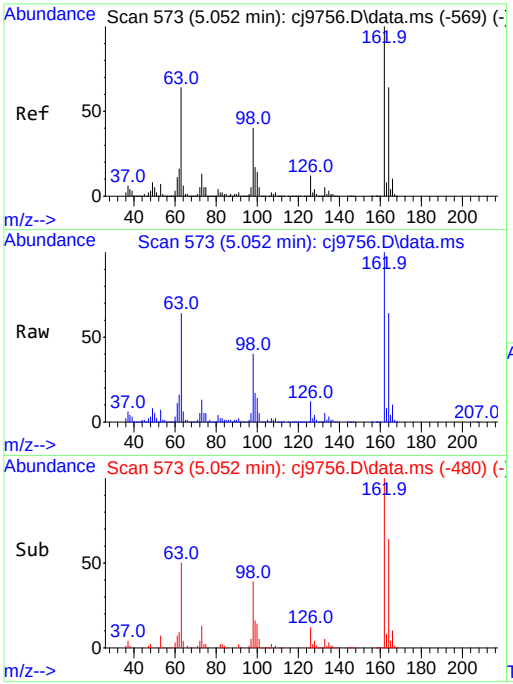


#32
bis(2-Chloroethoxy)methane
Concen: 50.00 ppm
RT: 4.993 min Scan# 562
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 93 Resp: 395840

Ion	Ratio	Lower	Upper
93	100		
95	33.0	3.0	63.0
123	13.0	0.0	43.0

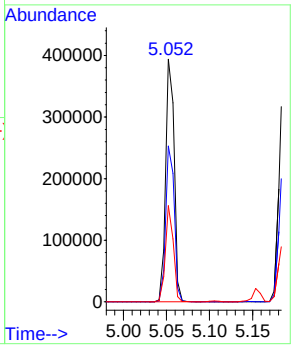


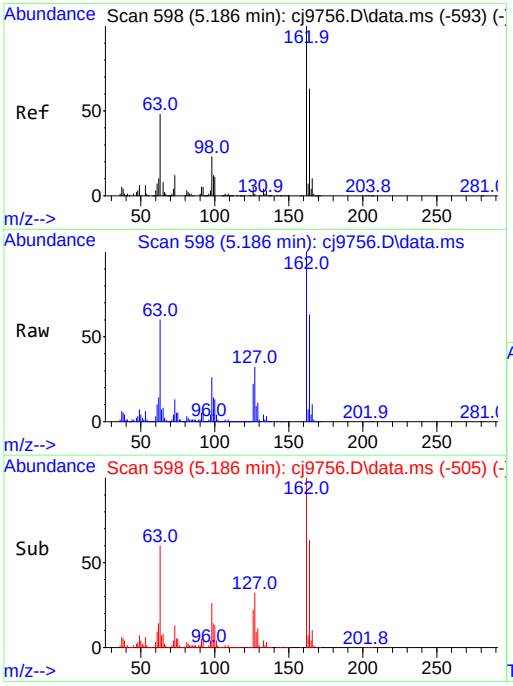


#33
2,4-Dichlorophenol
Concen: 50.00 ppm
RT: 5.052 min Scan# 573
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:162 Resp: 270419

Ion	Ratio	Lower	Upper
162	100		
164	64.2	34.2	94.2
98	39.7	9.7	69.7

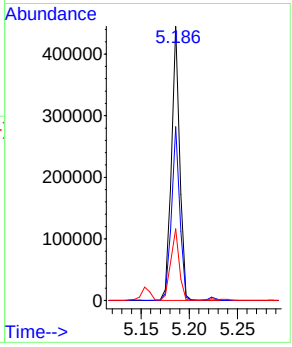


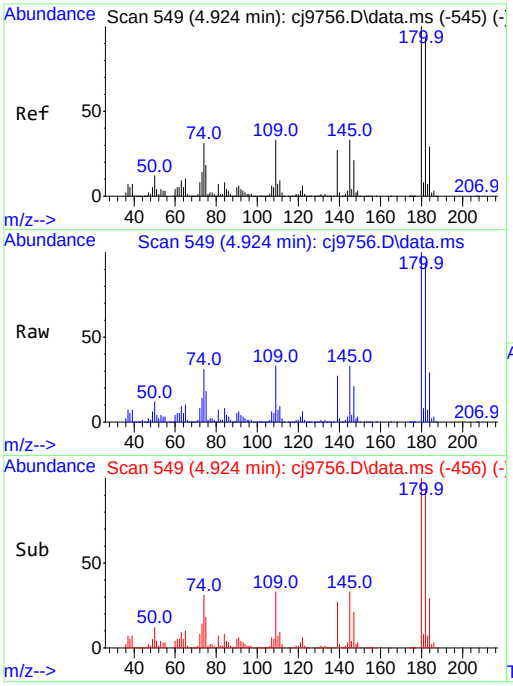


#34
2,6-Dichlorophenol
Concen: 50.00 ppm
RT: 5.186 min Scan# 598
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:162 Resp: 265798

Ion	Ratio	Lower	Upper
162	100		
164	63.4	33.4	93.4
98	24.6	0.0	54.6

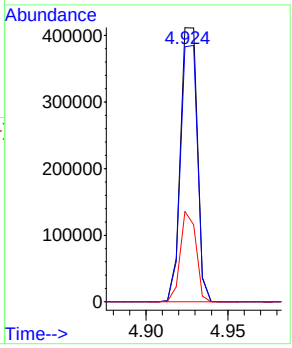


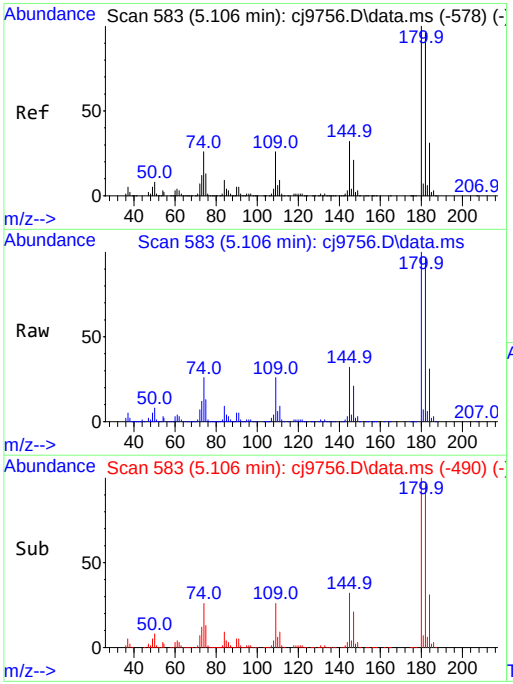


#35
1,3,5-Trichlorobenzene
Concen: 50.00 ppm
RT: 4.924 min Scan# 549
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:180 Resp: 297270

Ion	Ratio	Lower	Upper
180	100		
182	93.0	63.0	123.0
145	33.0	3.0	63.0

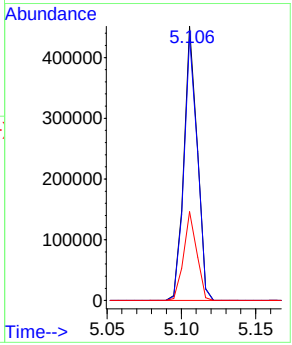


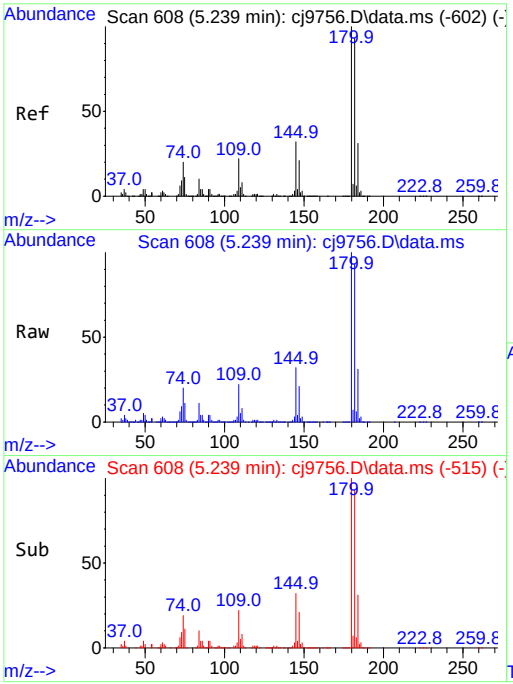


#36
1,2,4-Trichlorobenzene
Concen: 50.00 ppm
RT: 5.106 min Scan# 583
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:180 Resp: 279864

Ion	Ratio	Lower	Upper
180	100		
182	96.0	66.0	126.0
145	32.4	2.4	62.4

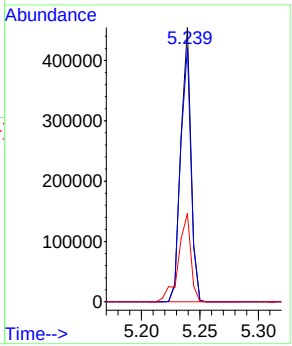


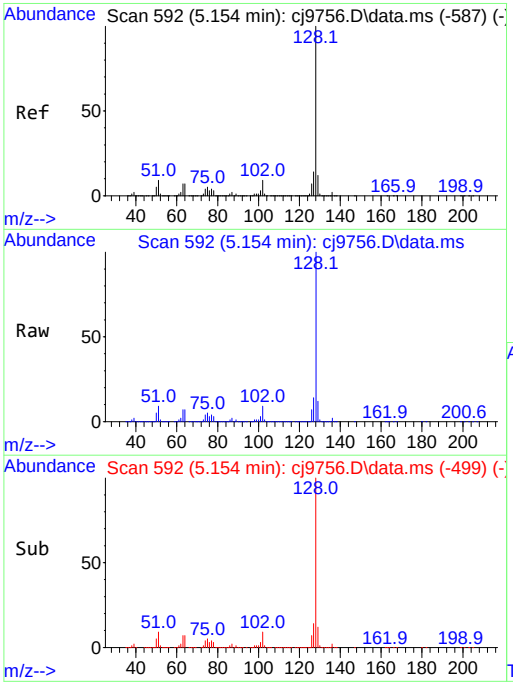


#37
1,2,3-Trichlorobenzene
Concen: 50.00 ppm
RT: 5.239 min Scan# 608
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:180 Resp: 275428

Ion	Ratio	Lower	Upper
180	100		
182	92.6	62.6	122.6
145	32.2	2.2	62.2

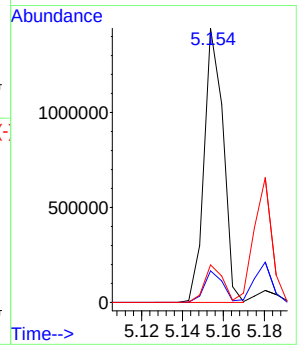


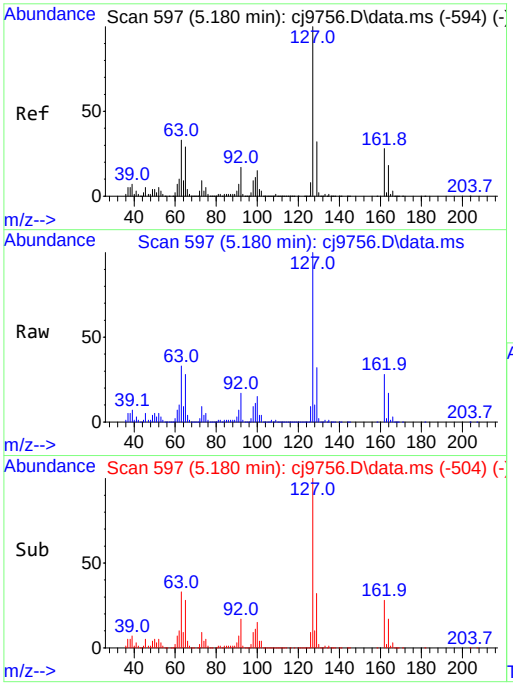


#38
Naphthalene
Concen: 50.00 ppm
RT: 5.154 min Scan# 592
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:128 Resp: 926265

Ion	Ratio	Lower	Upper
128	100		
129	11.0	0.0	41.0
127	12.0	0.0	42.0

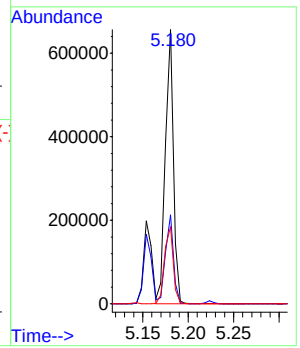


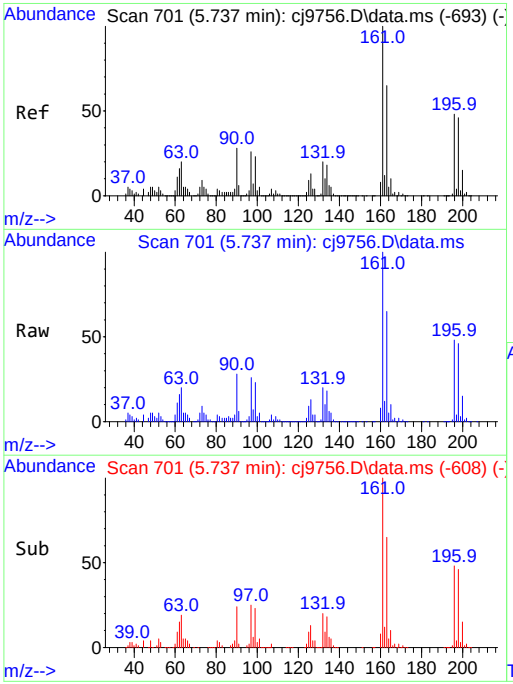


#39
4-Chloroaniline
Concen: 50.00 ppm
RT: 5.180 min Scan# 597
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:127 Resp: 402925

Ion	Ratio	Lower	Upper
127	100		
129	31.9	1.9	61.9
65	28.3	0.0	58.3

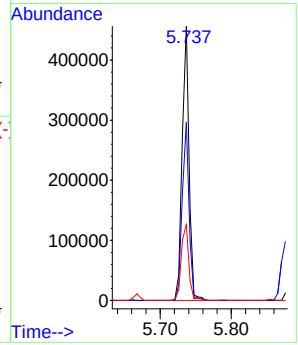


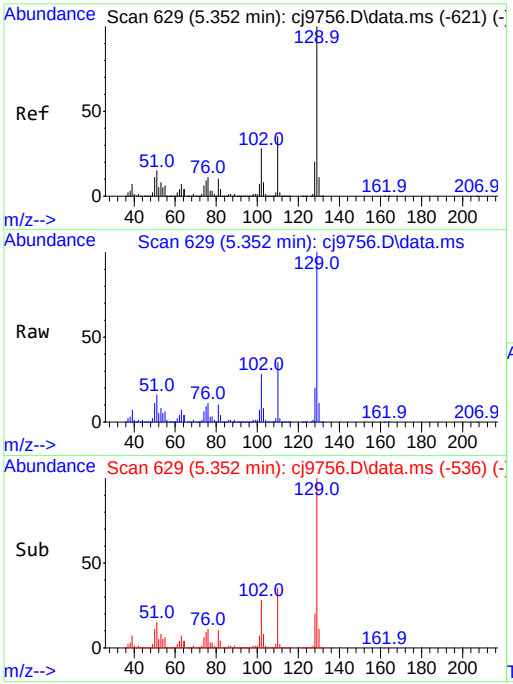


#40
2,3-Dichloroaniline
Concen: 50.00 ppm
RT: 5.737 min Scan# 701
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:161 Resp: 305423

Ion	Ratio	Lower	Upper
161	100		
163	64.9	34.9	94.9
90	27.9	0.0	57.9

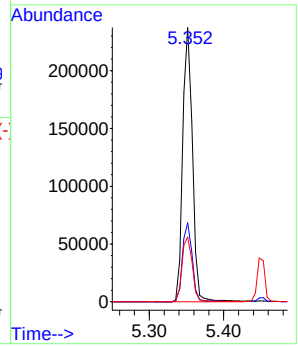


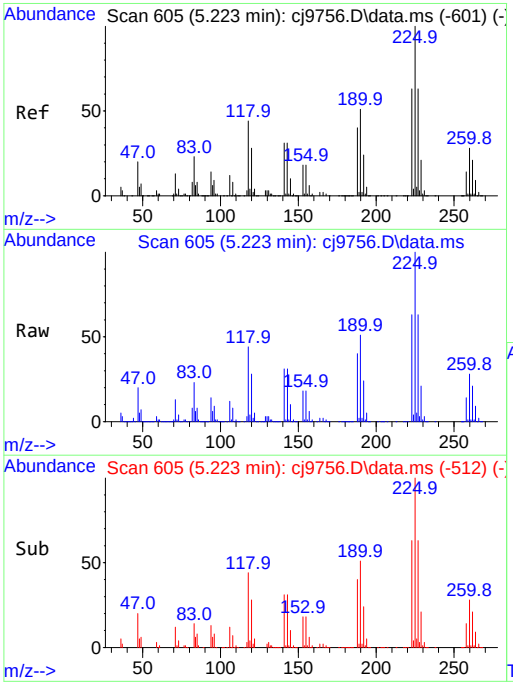


#41
Hydroquinone
Concen: 50.00 ppm
RT: 5.352 min Scan# 629
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:110 Resp: 216736

Ion	Ratio	Lower	Upper
110	100		
81	28.8	0.0	58.8
53	23.6	0.0	53.6

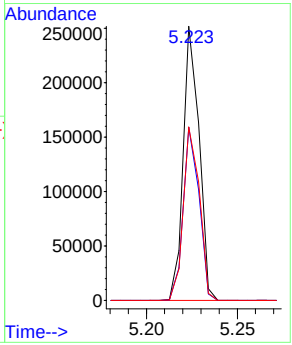


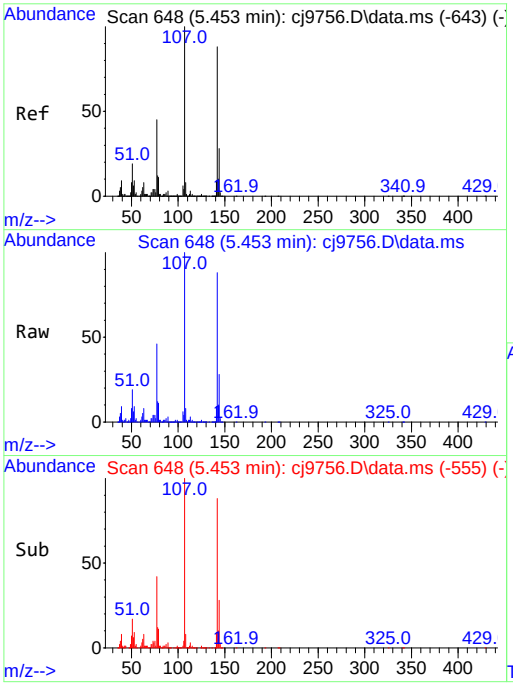


#42
Hexachlorobutadiene
Concen: 50.00 ppm
RT: 5.223 min Scan# 605
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:225 Resp: 151795

Ion	Ratio	Lower	Upper
225	100		
223	63.2	33.2	93.2
227	63.2	33.2	93.2

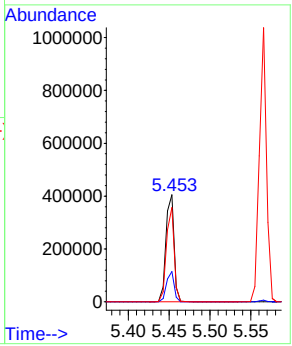


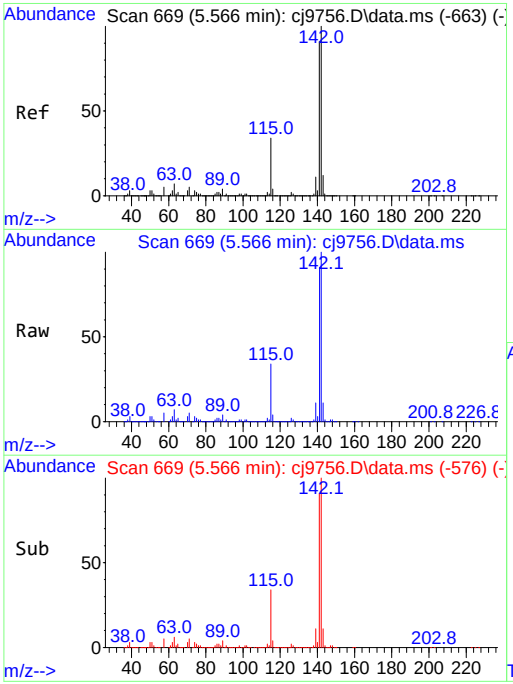


#43
4-Chloro-3-methylphenol
Concen: 50.00 ppm
RT: 5.453 min Scan# 648
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:107 Resp: 279499

Ion	Ratio	Lower	Upper
107	100		
144	28.3	0.0	58.3
142	88.1	58.1	118.1

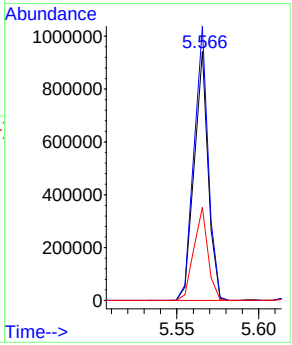


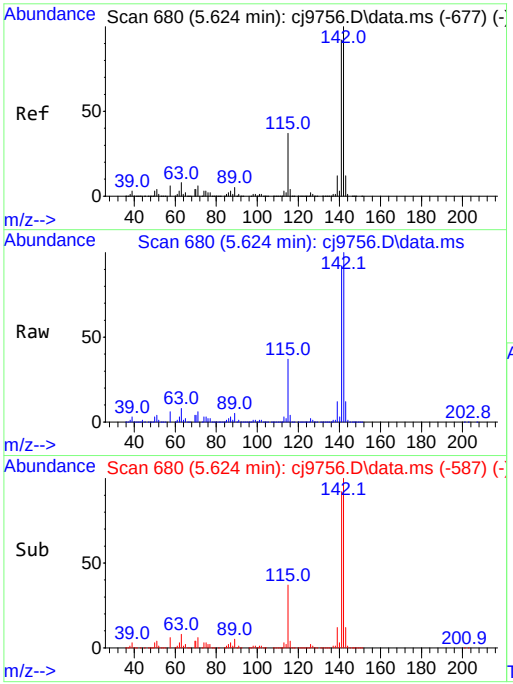


#44
2-Methylnaphthalene
Concen: 50.00 ppm
RT: 5.566 min Scan# 669
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:141 Resp: 563504

Ion	Ratio	Lower	Upper
141	100		
142	110.2	80.2	140.2
115	37.4	7.4	67.4

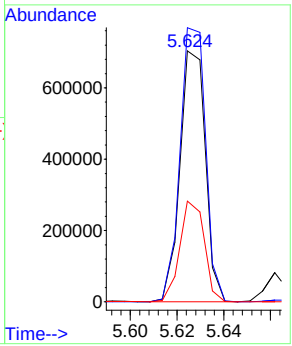


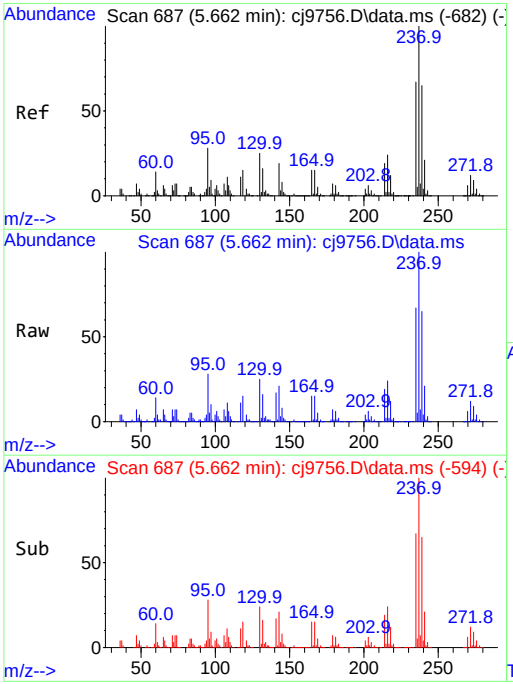


#45
1-Methylnaphthalene
Concen: 50.00 ppm
RT: 5.624 min Scan# 680
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:141 Resp: 531659

Ion	Ratio	Lower	Upper
141	100		
142	109.3	79.3	139.3
115	40.2	10.2	70.2

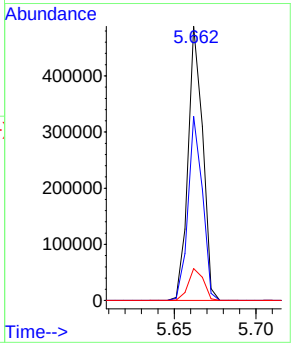


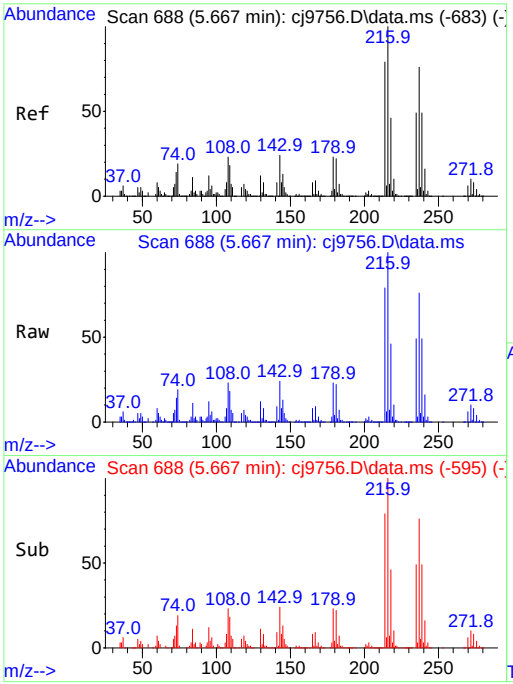


#47
Hexachlorocyclopentadiene
Concen: 100.00 ppm
RT: 5.662 min Scan# 687
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:237 Resp: 305717

Ion	Ratio	Lower	Upper
237	100		
235	67.2	37.2	97.2
272	11.7	0.0	41.7

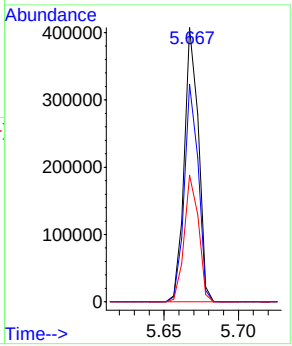


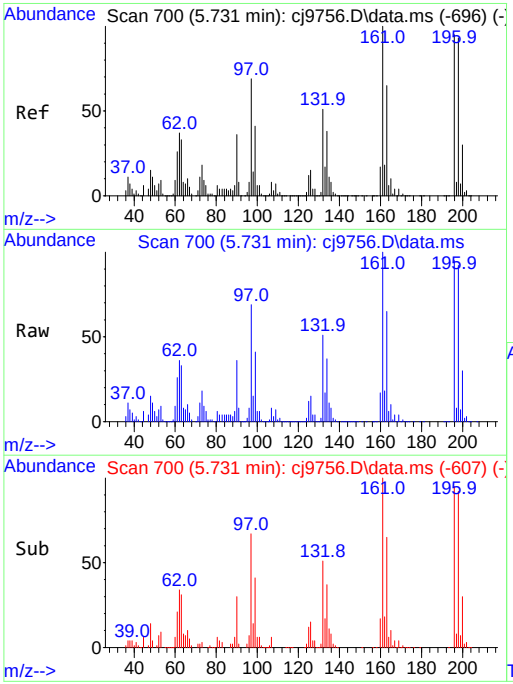


#48
1,2,4,5-tetrachlorobenzene
Concen: 50.00 ppm
RT: 5.667 min Scan# 688
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:216 Resp: 268442

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.8	94.2
218	46.6	37.3	55.9

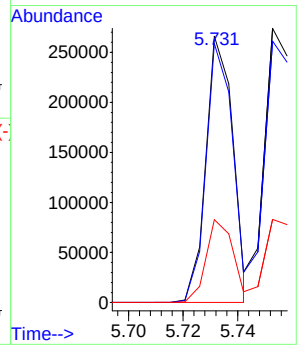


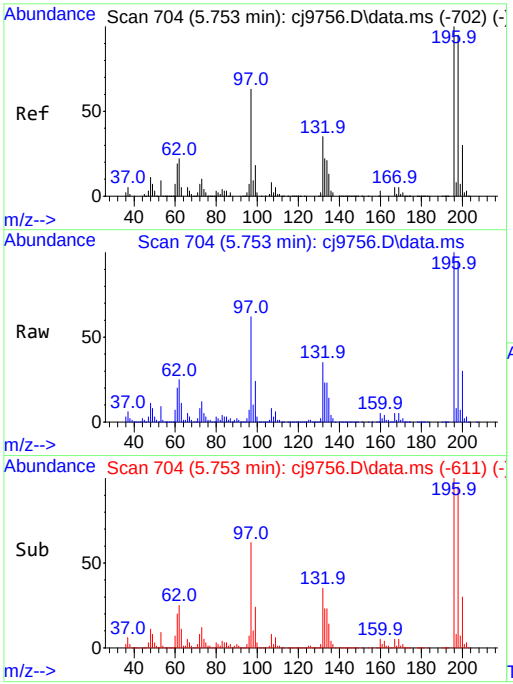


#49
2,4,6-Trichlorophenol
Concen: 50.00 ppm
RT: 5.731 min Scan# 700
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:196 Resp: 183666

Ion	Ratio	Lower	Upper
196	100		
198	97.2	67.2	127.2
200	30.8	0.8	60.8

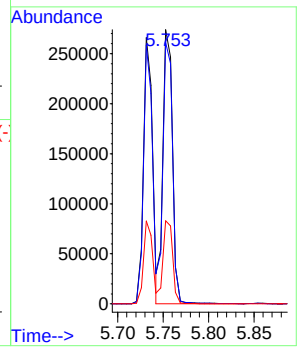


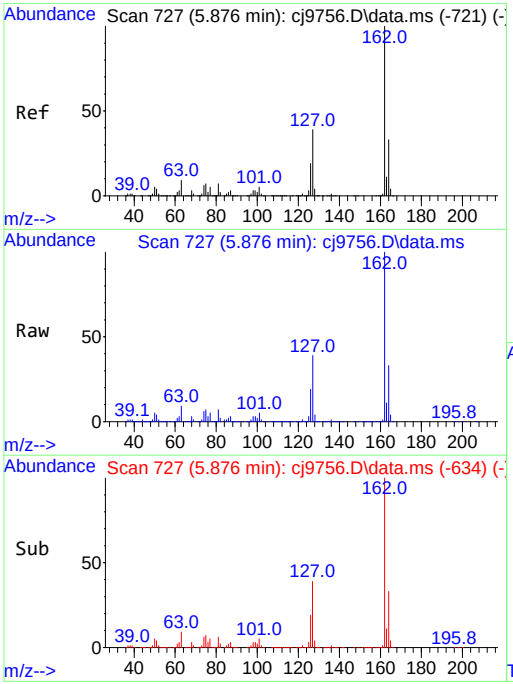


#50
2,4,5-Trichlorophenol
Concen: 50.00 ppm
RT: 5.753 min Scan# 704
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:196 Resp: 199263

Ion	Ratio	Lower	Upper
196	100		
198	95.1	65.1	125.1
200	30.0	0.0	60.0

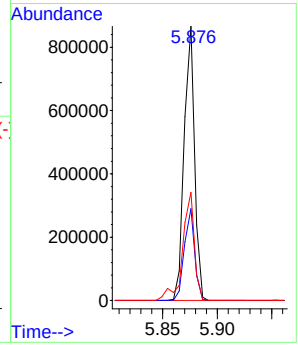


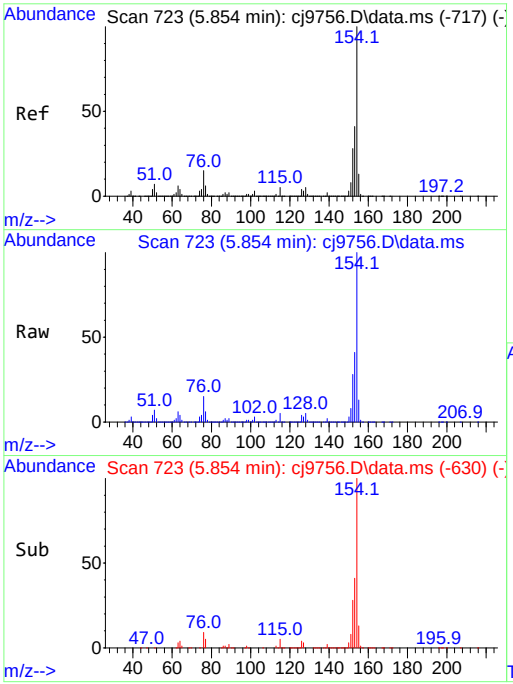


#52
2-Chloronaphthalene
Concen: 50.00 ppm
RT: 5.876 min Scan# 727
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:162 Resp: 575875

Ion	Ratio	Lower	Upper
162	100		
164	33.5	3.5	63.5
127	39.4	9.4	69.4

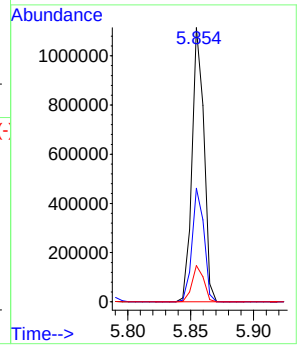


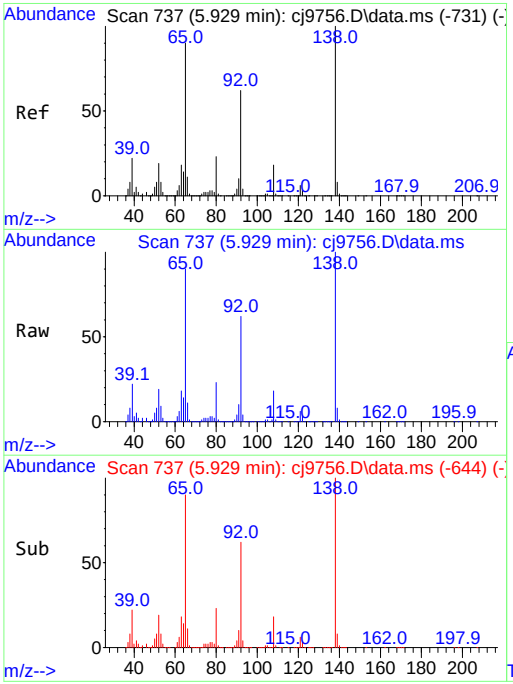


#53
Biphenyl
Concen: 50.00 ppm
RT: 5.854 min Scan# 723
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:154 Resp: 737415

Ion	Ratio	Lower	Upper
154	100		
153	41.4	11.4	71.4
155	13.2	0.0	43.2

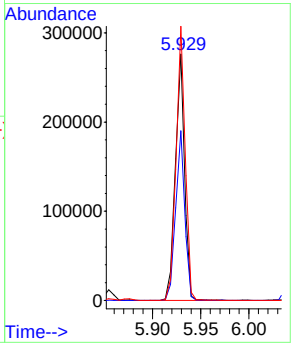


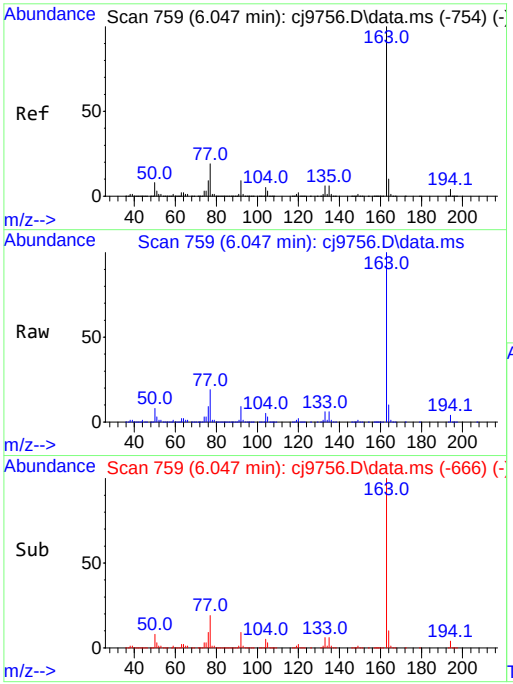


#54
2-Nitroaniline
Concen: 50.00 ppm
RT: 5.929 min Scan# 737
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 65 Resp: 183561

Ion	Ratio	Lower	Upper
65	100		
92	68.9	38.9	98.9
138	111.3	81.3	141.3

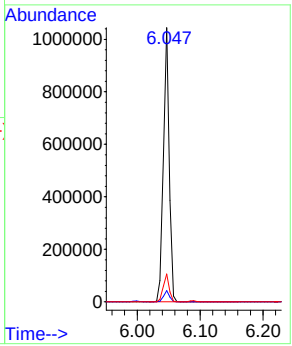


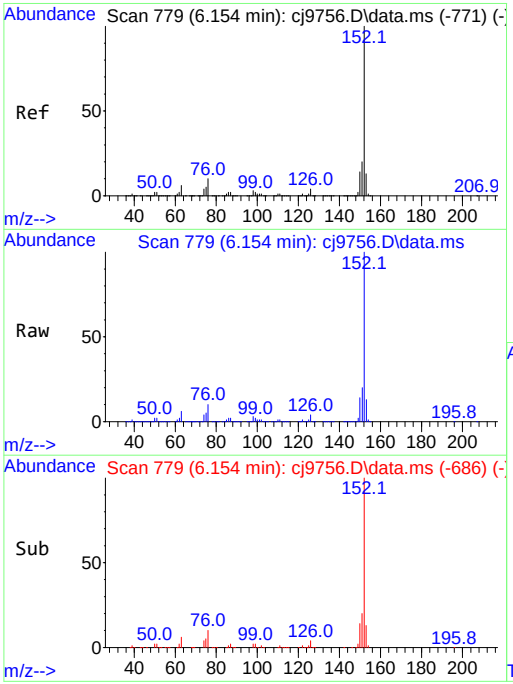


#55
Dimethylphthalate
Concen: 50.00 ppm
RT: 6.047 min Scan# 759
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:163 Resp: 673948

Ion	Ratio	Lower	Upper
163	100		
194	4.1	0.0	34.1
164	10.2	0.0	40.2

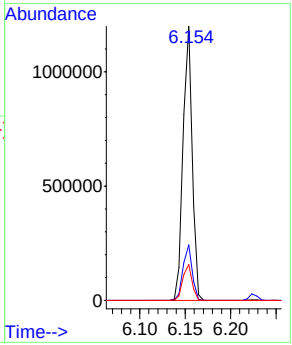


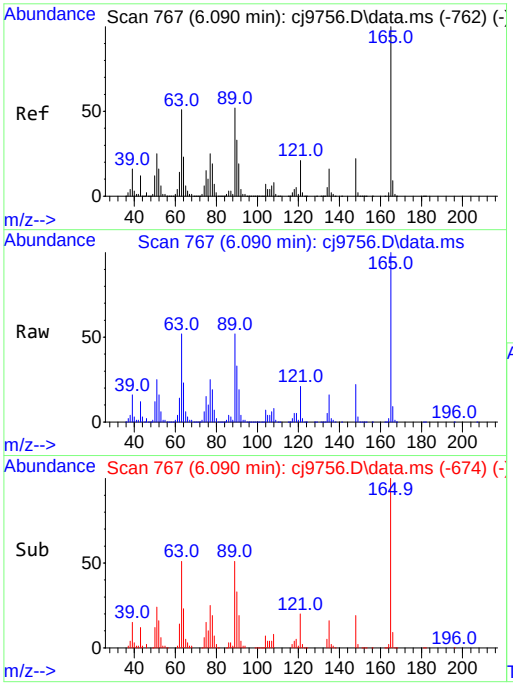


#56
Acenaphthylene
Concen: 50.00 ppm
RT: 6.154 min Scan# 779
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:152 Resp: 836905

Ion	Ratio	Lower	Upper
152	100		
151	20.2	0.0	50.2
153	13.2	0.0	43.2

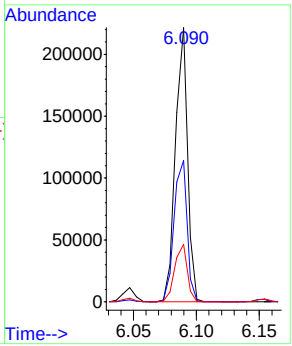


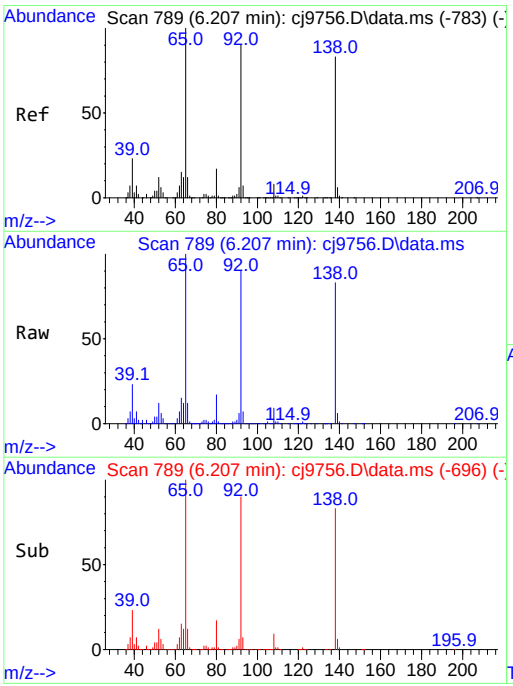


#57
2,6-Dinitrotoluene
Concen: 50.00 ppm
RT: 6.090 min Scan# 767
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:165 Resp: 148045

Ion	Ratio	Lower	Upper
165	100		
89	51.5	21.5	81.5
121	20.9	0.0	50.9

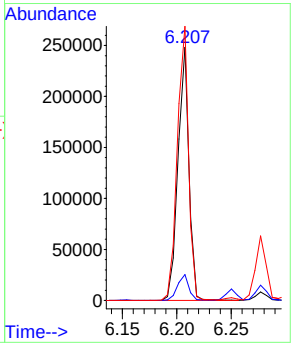


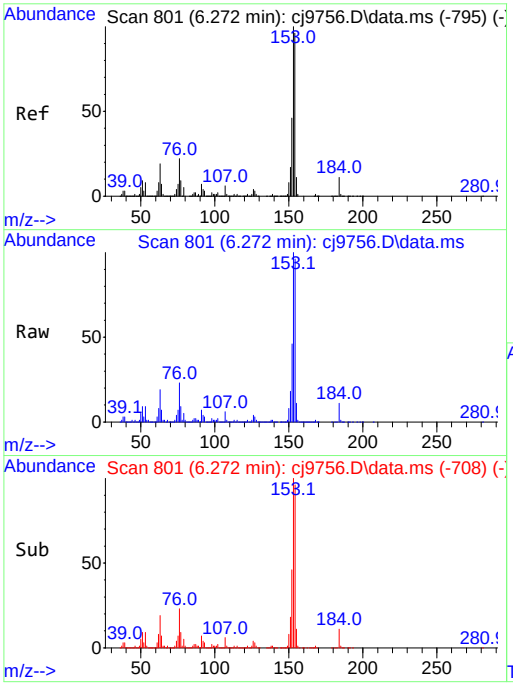


#58
3-Nitroaniline
Concen: 50.00 ppm
RT: 6.207 min Scan# 789
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:138 Resp: 173599

Ion	Ratio	Lower	Upper
138	100		
108	9.2	0.0	39.2
92	108.1	78.1	138.1

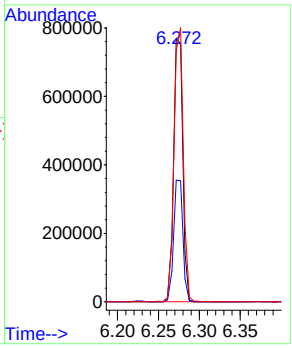


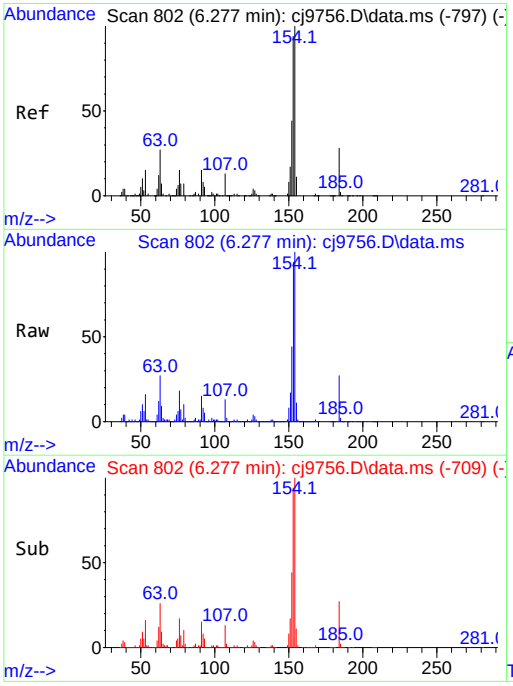


#59
Acenaphthene
Concen: 50.00 ppm
RT: 6.272 min Scan# 801
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:153 Resp: 601975

Ion	Ratio	Lower	Upper
153	100		
152	46.3	16.3	76.3
154	95.5	65.5	125.5

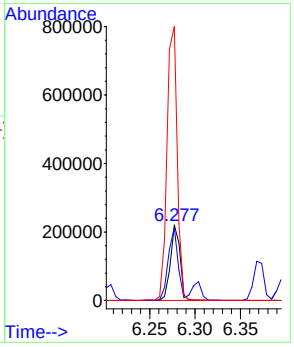


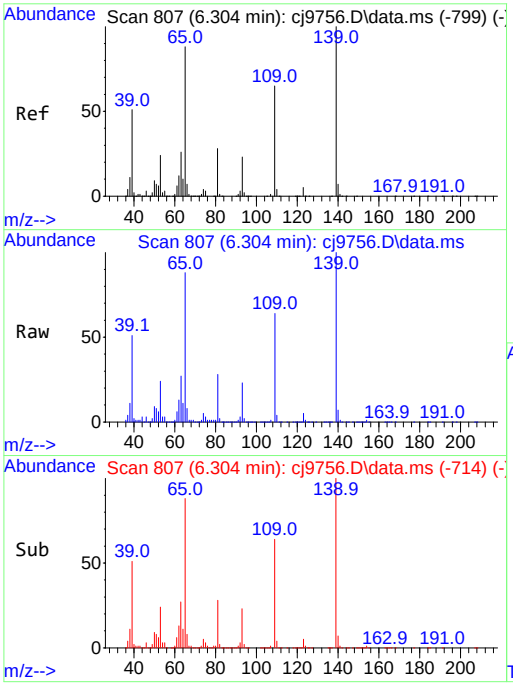


#60
2,4-Dinitrophenol
Concen: 100.00 ppm
RT: 6.277 min Scan# 802
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:184 Resp: 163969

Ion	Ratio	Lower	Upper
184	100		
63	96.5	66.5	126.5
154	363.5	333.5	393.5

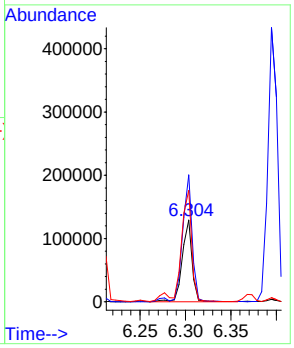


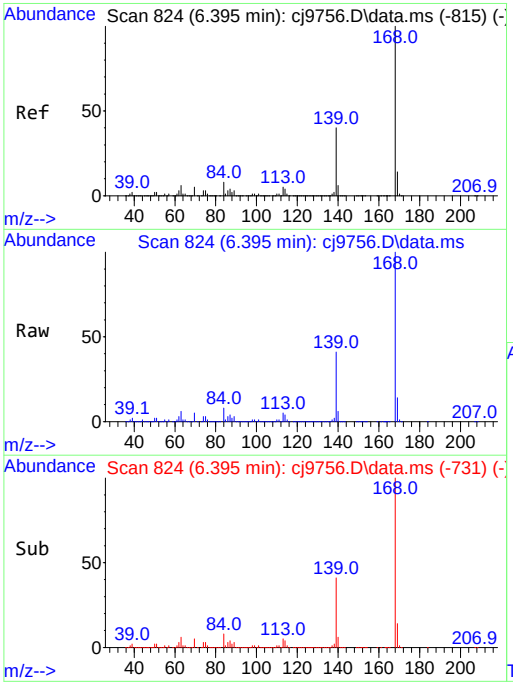


#61
4-Nitrophenol
Concen: 50.00 ppm
RT: 6.304 min Scan# 807
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:109 Resp: 96301

Ion	Ratio	Lower	Upper
109	100		
139	155.2	125.2	185.2
65	135.7	105.7	165.7

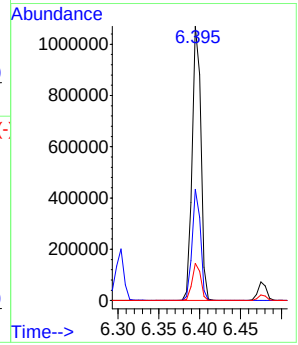


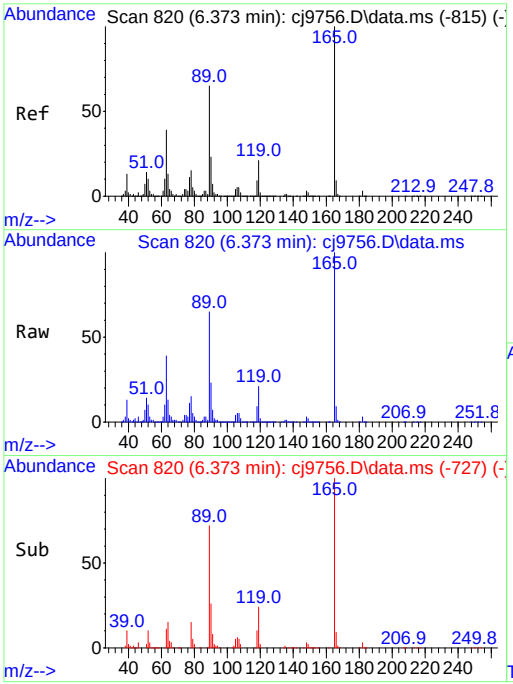


#62
Dibenzofuran
Concen: 50.00 ppm
RT: 6.395 min Scan# 824
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:168 Resp: 805090

Ion	Ratio	Lower	Upper
168	100		
139	40.5	10.5	70.5
169	13.5	0.0	43.5

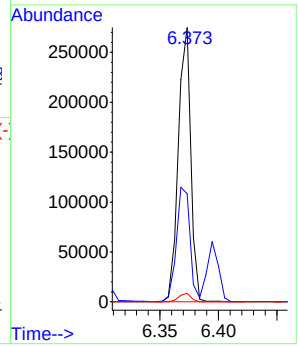


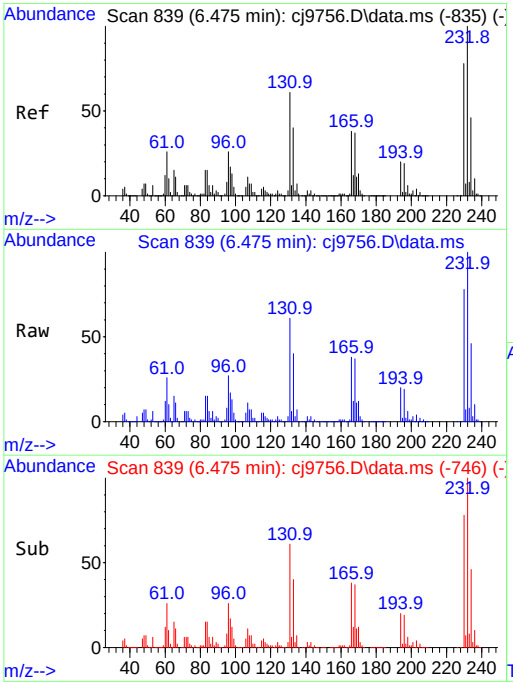


#63
2,4-Dinitrotoluene
Concen: 50.00 ppm
RT: 6.373 min Scan# 820
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:165 Resp: 203621

Ion	Ratio	Lower	Upper
165	100		
63	39.3	9.3	69.3
182	3.1	0.0	33.1

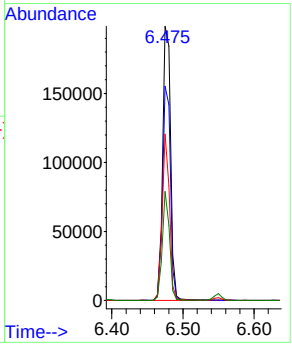


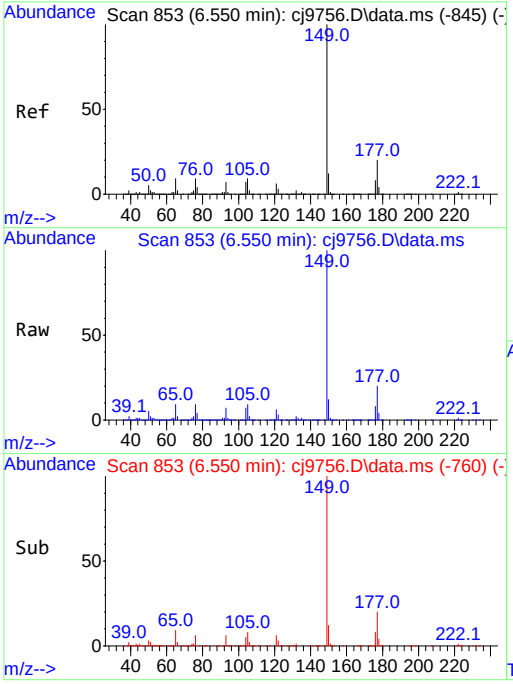


#64
2,3,4,6-Tetrachlorophenol
Concen: 50.00 ppm
RT: 6.475 min Scan# 839
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:232 Resp: 154308

Ion	Ratio	Lower	Upper
232	100		
230	78.2	48.2	108.2
131	60.7	30.7	90.7
133	39.7	9.7	69.7

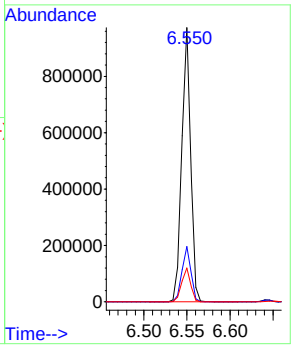


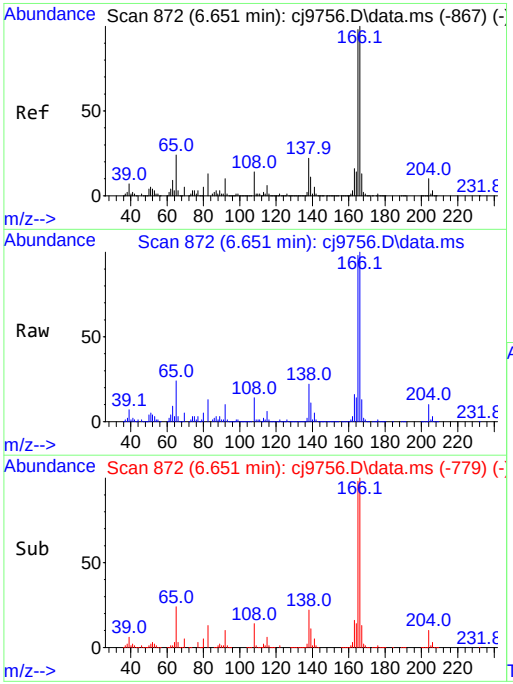


#65
Diethylphthalate
Concen: 50.00 ppm
RT: 6.550 min Scan# 853
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:149 Resp: 699469

Ion	Ratio	Lower	Upper
149	100		
177	20.1	0.0	50.1
150	12.3	0.0	42.3

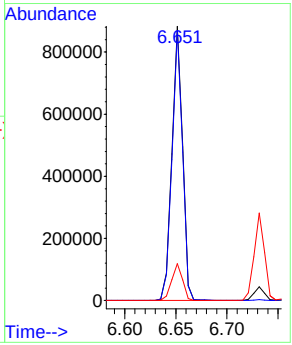


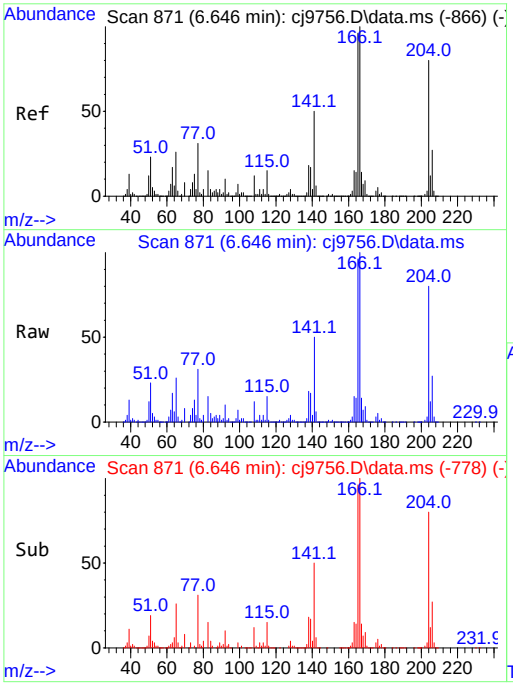


#66
Fluorene
Concen: 50.00 ppm
RT: 6.651 min Scan# 872
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:166 Resp: 641339

Ion	Ratio	Lower	Upper
166	100		
165	98.3	68.3	128.3
167	13.4	0.0	43.4

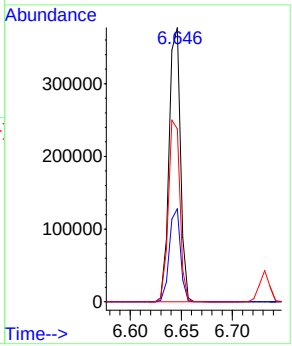


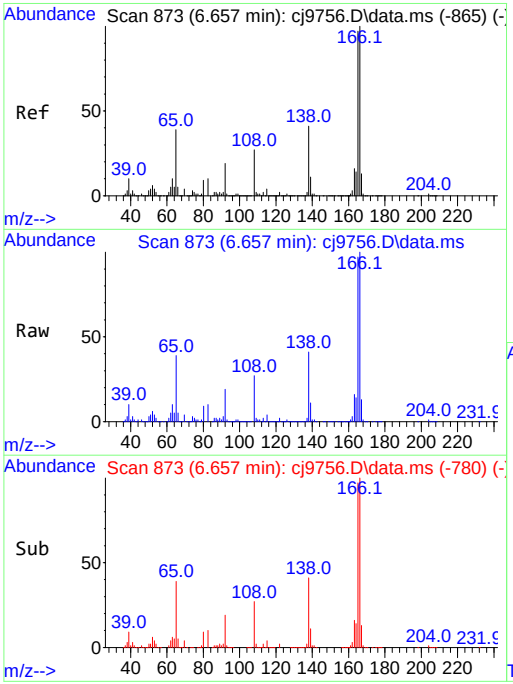


#67
4-Chlorophenyl-phenylether
Concen: 50.00 ppm
RT: 6.646 min Scan# 871
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:204 Resp: 292342

Ion	Ratio	Lower	Upper
204	100		
206	34.0	4.0	64.0
141	63.0	33.0	93.0

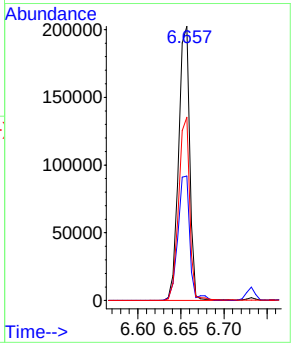


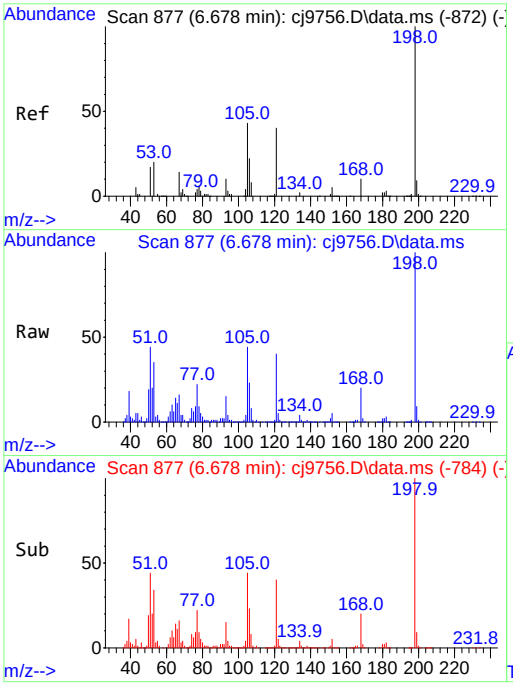


#68
4-Nitroaniline
Concen: 50.00 ppm
RT: 6.657 min Scan# 873
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:138 Resp: 181412

Ion	Ratio	Lower	Upper
138	100		
92	45.3	15.3	75.3
108	66.8	36.8	96.8

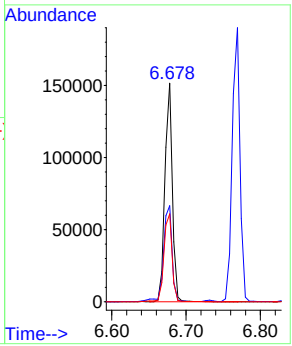


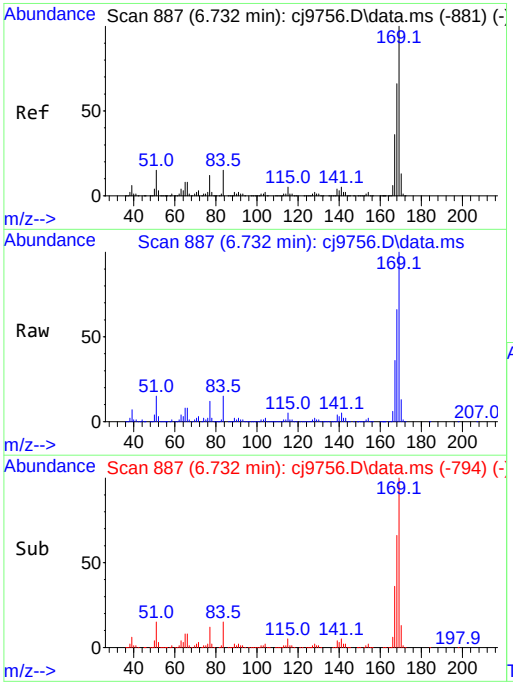


#70
4,6-Dinitro-2-methylphenol
Concen: 50.00 ppm
RT: 6.678 min Scan# 877
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:198 Resp: 105787

Ion	Ratio	Lower	Upper
198	100		
105	0.0	0.0	30.0
121	40.0	10.0	70.0

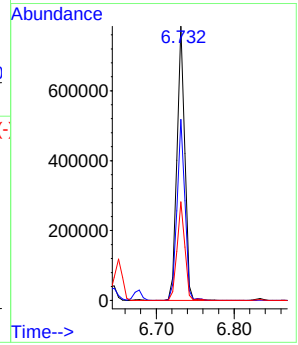


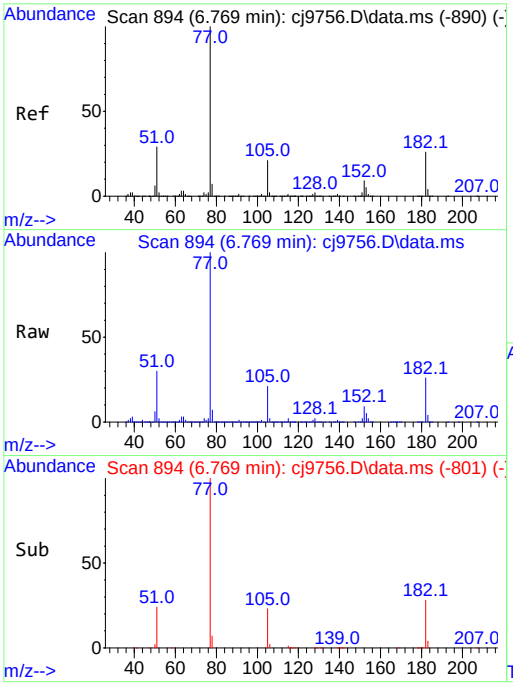


#71
n-Nitrosodiphenylamine
Concen: 50.00 ppm
RT: 6.732 min Scan# 887
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:169 Resp: 554453

Ion	Ratio	Lower	Upper
169	100		
168	66.0	36.0	96.0
167	35.9	5.9	65.9

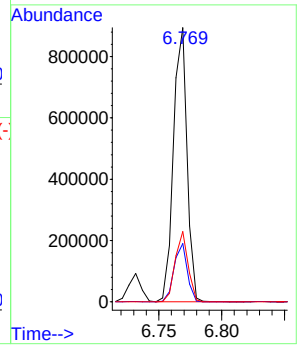


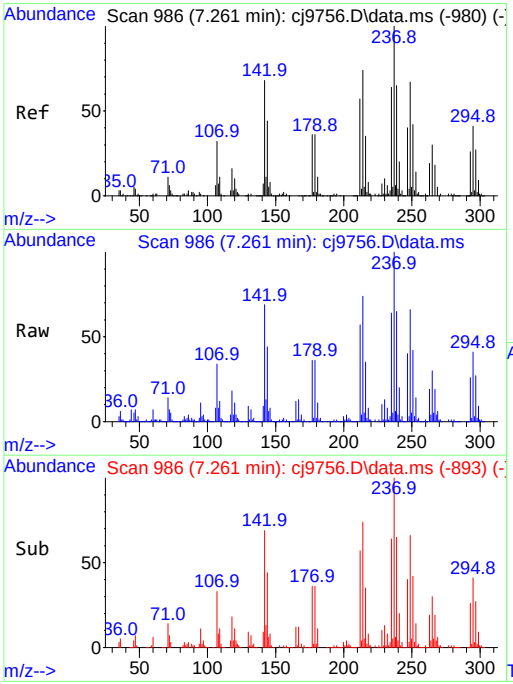


#72
1,2-Diphenylhydrazine
Concen: 50.00 ppm
RT: 6.769 min Scan# 894
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 77 Resp: 669841

Ion	Ratio	Lower	Upper
77	100		
105	21.2	0.0	51.2
182	25.7	0.0	55.7

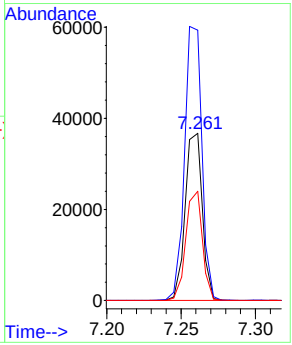


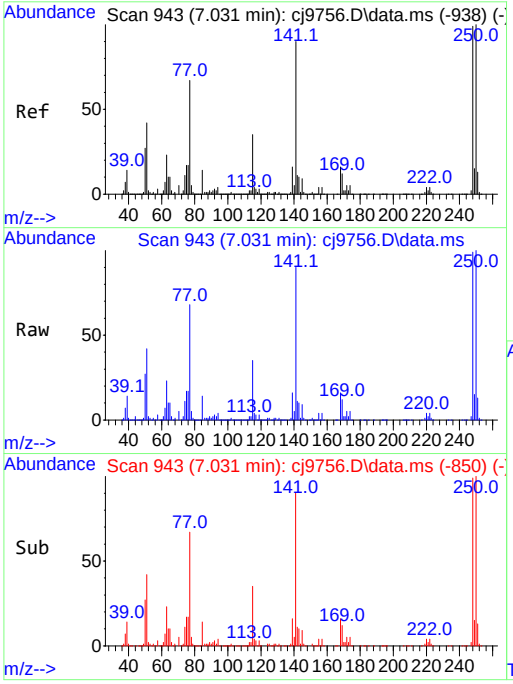


#73
pentachloronitrobenzene
Concen: 50.00 ppm
RT: 7.261 min Scan# 986
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:295 Resp: 29305

Ion	Ratio	Lower	Upper
295	100		
249	165.4	132.3	198.5
297	63.2	50.6	75.8

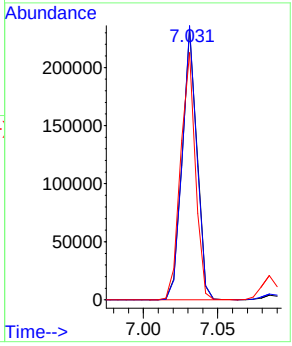


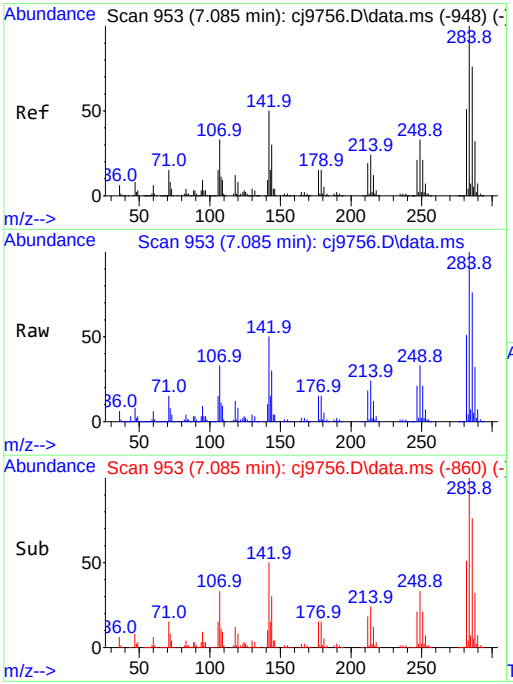


#75
4-Bromophenyl-phenylether
Concen: 50.00 ppm
RT: 7.031 min Scan# 943
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:248 Resp: 160630

Ion	Ratio	Lower	Upper
248	100		
250	101.3	71.3	131.3
141	91.3	61.3	121.3

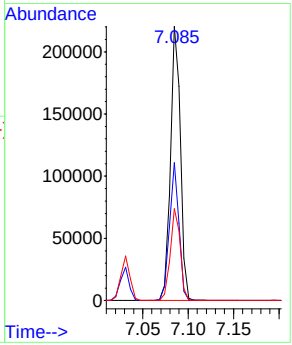


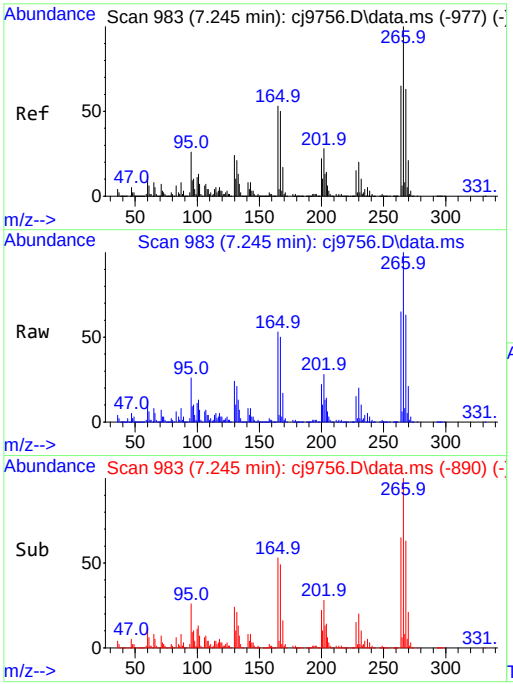


#76
Hexachlorobenzene
Concen: 50.00 ppm
RT: 7.085 min Scan# 953
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:284 Resp: 169217

Ion	Ratio	Lower	Upper
284	100		
142	50.3	20.3	80.3
249	33.5	3.5	63.5

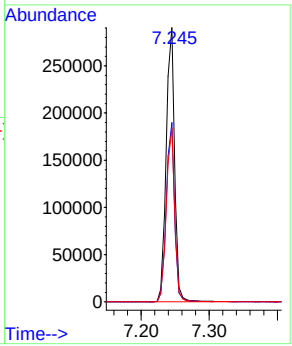


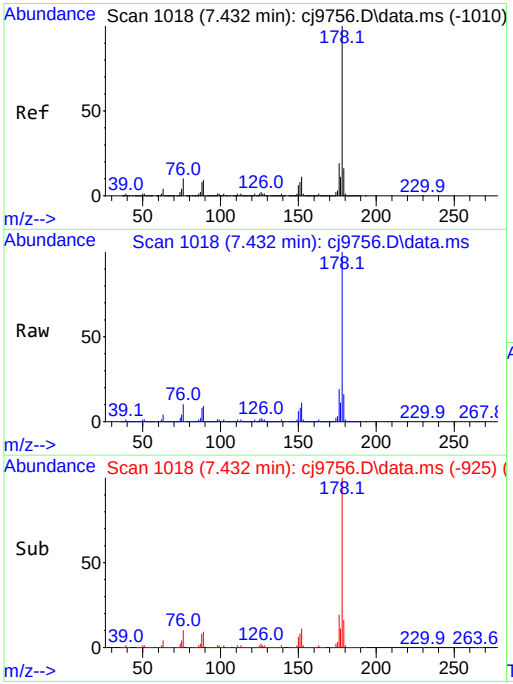


#77
Pentachlorophenol
Concen: 100.00 ppm
RT: 7.245 min Scan# 983
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:266 Resp: 249080

Ion	Ratio	Lower	Upper
266	100		
264	65.3	35.3	95.3
268	63.4	33.4	93.4

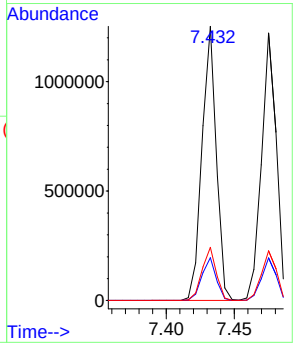


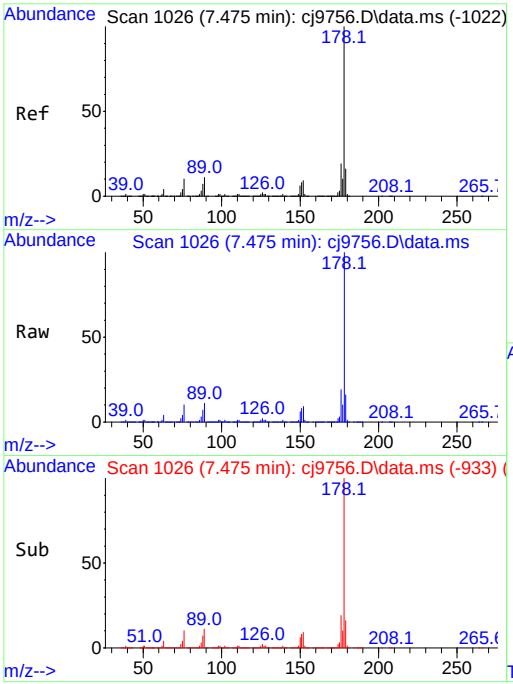


#78
Phenanthrene
Concen: 50.00 ppm
RT: 7.432 min Scan# 1018
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:178 Resp: 920665

Ion	Ratio	Lower	Upper
178	100		
179	15.6	0.0	45.6
176	19.4	0.0	49.4

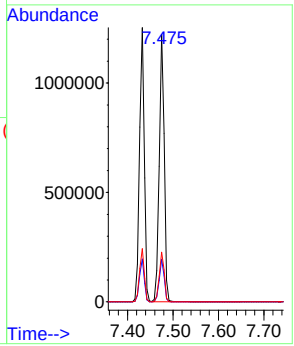


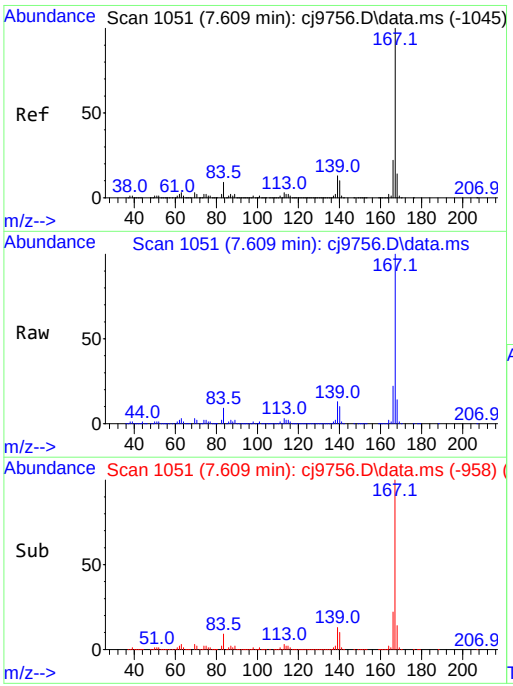


#79
Anthracene
Concen: 50.00 ppm
RT: 7.475 min Scan# 1026
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:178 Resp: 928652

Ion	Ratio	Lower	Upper
178	100		
179	15.9	0.0	45.9
176	18.6	0.0	48.6

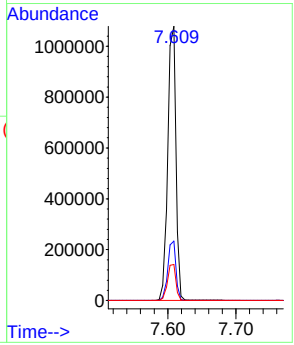


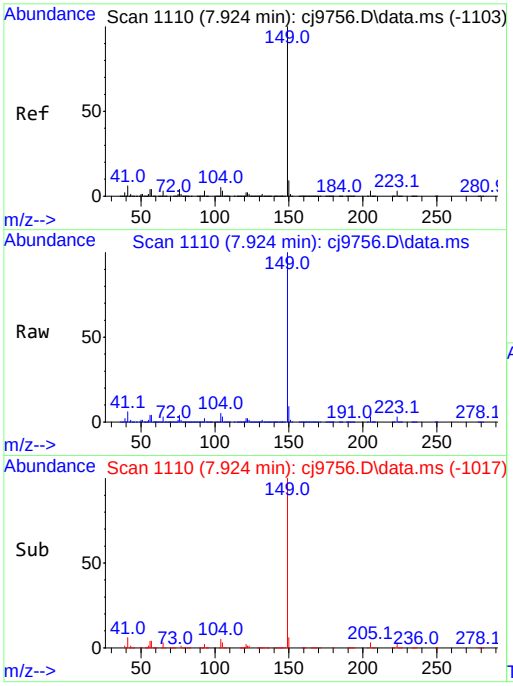


#80
Carbazole
Concen: 50.00 ppm
RT: 7.609 min Scan# 1051
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:167 Resp: 901394

Ion	Ratio	Lower	Upper
167	100		
166	21.6	0.0	51.6
139	13.1	0.0	43.1

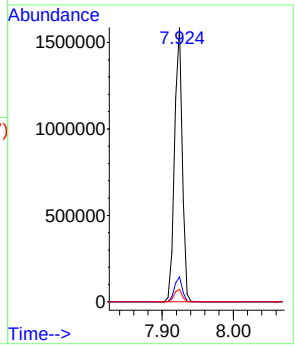


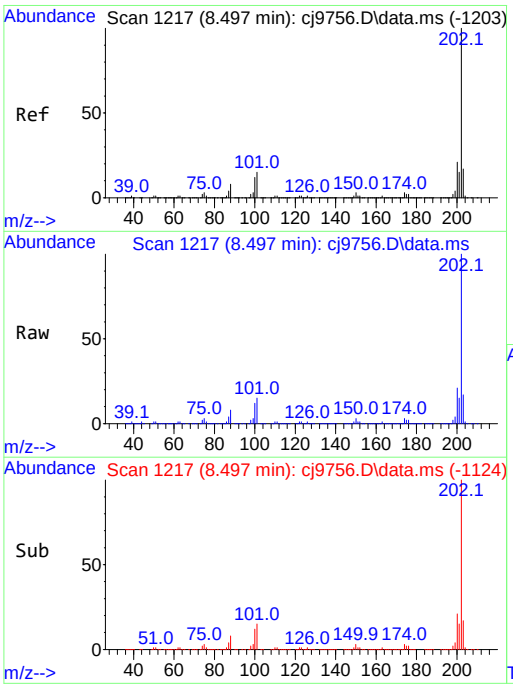


#81
Di-n-butylphthalate
Concen: 50.00 ppm
RT: 7.924 min Scan# 1110
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:149 Resp: 1193799

Ion	Ratio	Lower	Upper
149	100		
150	9.2	0.0	39.2
104	4.6	0.0	34.6

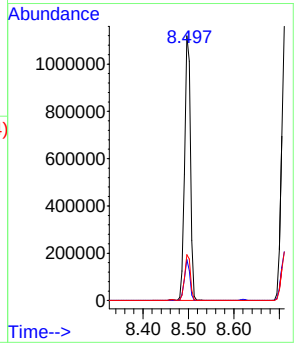


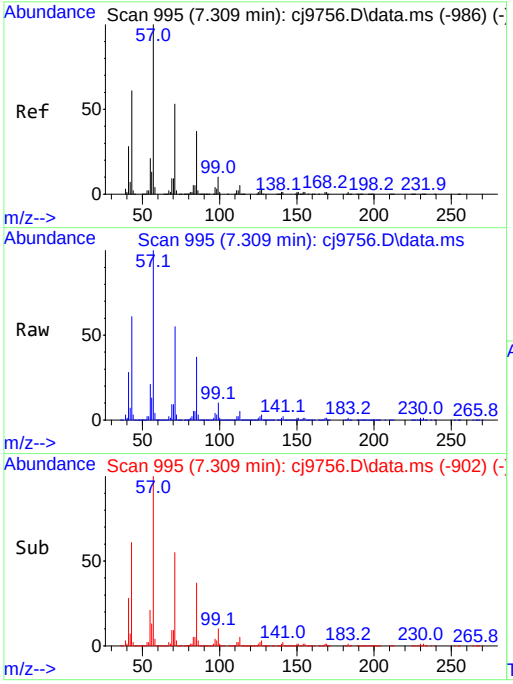


#82
Fluoranthene
Concen: 50.00 ppm
RT: 8.497 min Scan# 1217
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:202 Resp: 993776

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	45.3
203	17.3	0.0	47.3

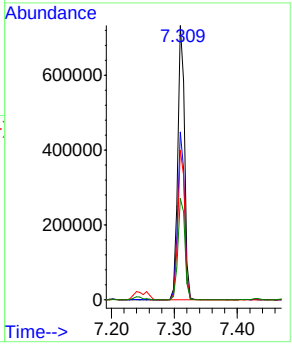


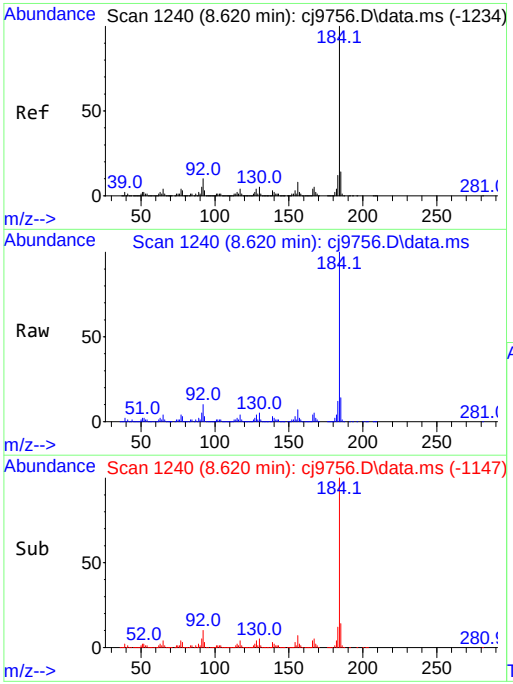


#83
Octadecane
Concen: 50.00 ppm
RT: 7.309 min Scan# 995
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion: 57 Resp: 548199

Ion	Ratio	Lower	Upper
57	100		
43	61.1	31.1	91.1
71	53.7	23.7	83.7
85	36.8	6.8	66.8

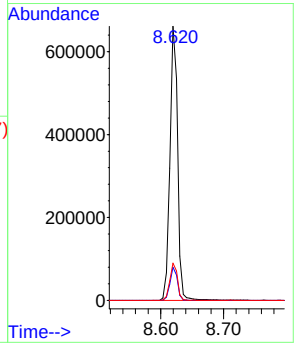


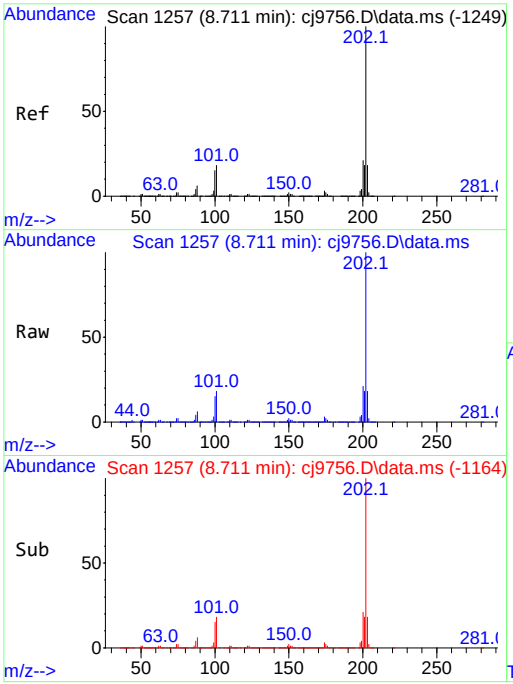


#85
benzidine
Concen: 50.00 ppm
RT: 8.620 min Scan# 1240
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:184 Resp: 560558

Ion	Ratio	Lower	Upper
184	100		
183	11.9	9.5	14.3
185	13.7	11.0	16.4

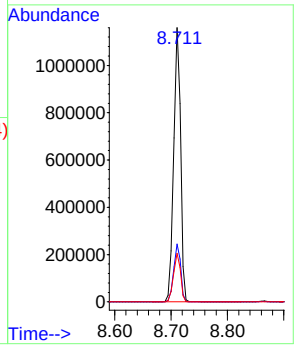


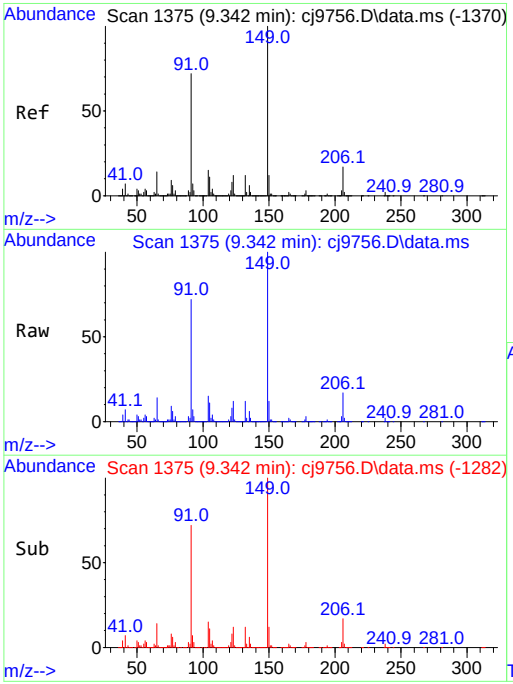


#86
Pyrene
Concen: 50.00 ppm
RT: 8.711 min Scan# 1257
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:202 Resp: 997013

Ion	Ratio	Lower	Upper
202	100		
200	21.1	0.0	51.1
203	17.7	0.0	47.7

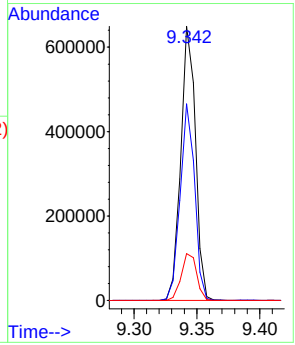


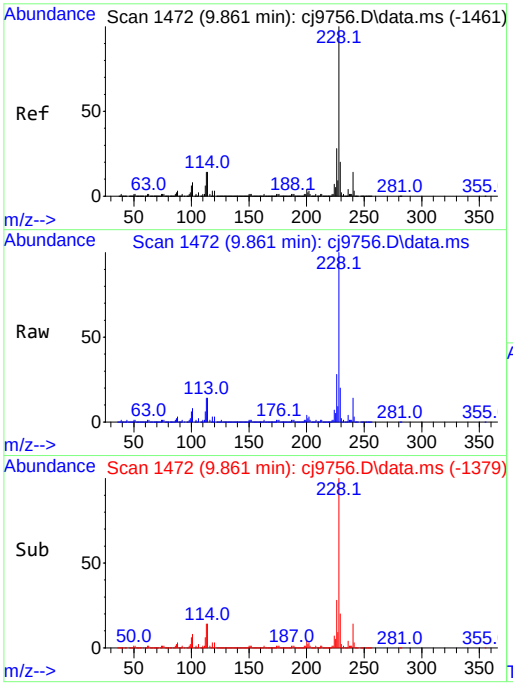


#88
Butylbenzylphthalate
Concen: 50.00 ppm
RT: 9.342 min Scan# 1375
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:149 Resp: 526943

Ion	Ratio	Lower	Upper
149	100		
91	71.7	41.7	101.7
206	17.1	0.0	47.1

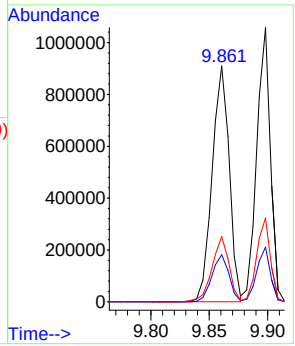


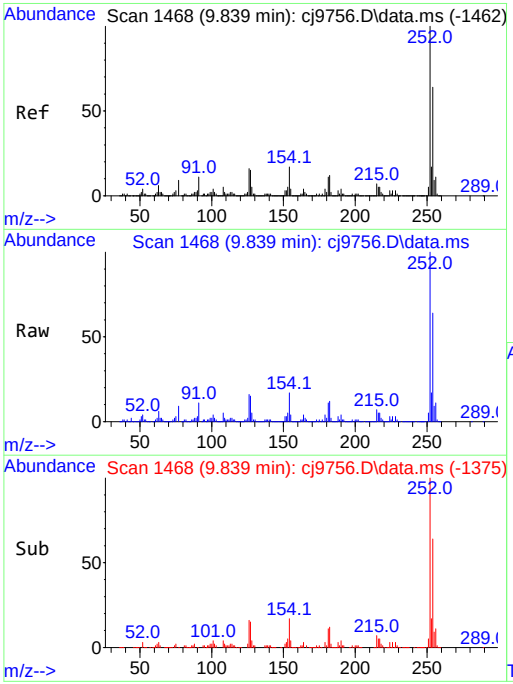


#89
Benzo[a]anthracene
Concen: 50.00 ppm
RT: 9.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:228 Resp: 921637

Ion	Ratio	Lower	Upper
228	100		
229	20.0	0.0	50.0
226	27.8	0.0	57.8

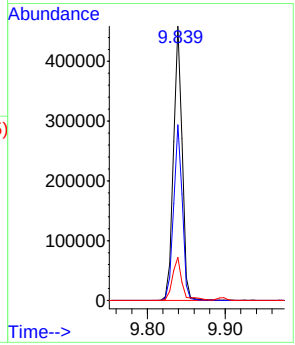


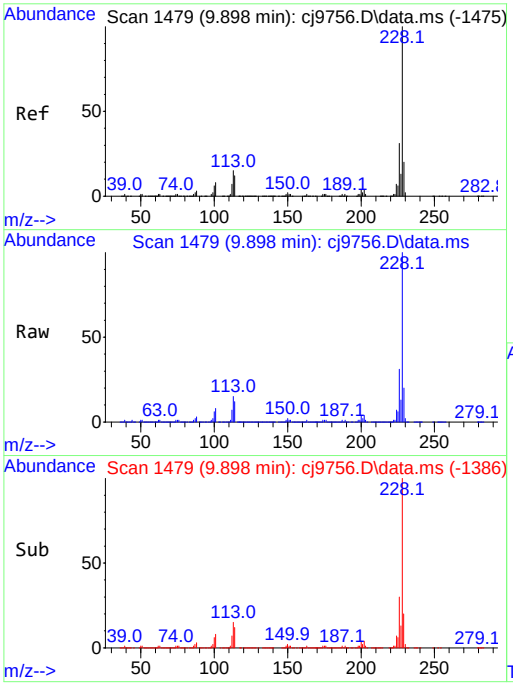


#90
3,3'-Dichlorobenzidine
Concen: 50.00 ppm
RT: 9.839 min Scan# 1468
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:252 Resp: 358836

Ion	Ratio	Lower	Upper
252	100		
254	64.1	34.1	94.1
126	15.7	0.0	45.7

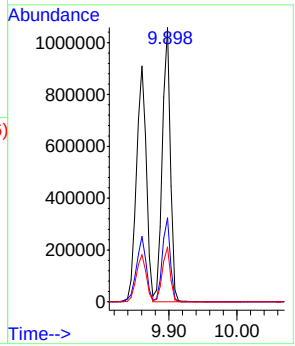


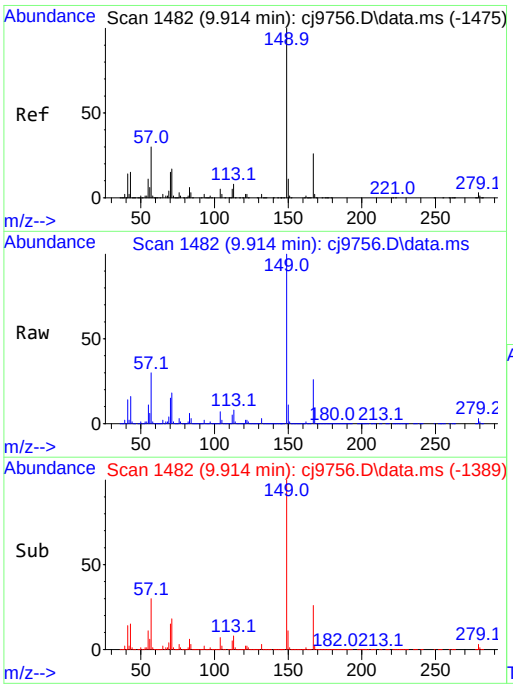


#91
Chrysene
Concen: 50.00 ppm
RT: 9.898 min Scan# 1479
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:228 Resp: 864178

Ion	Ratio	Lower	Upper
228	100		
226	30.6	0.6	60.6
229	19.9	0.0	49.9

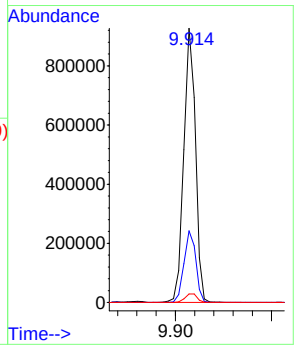


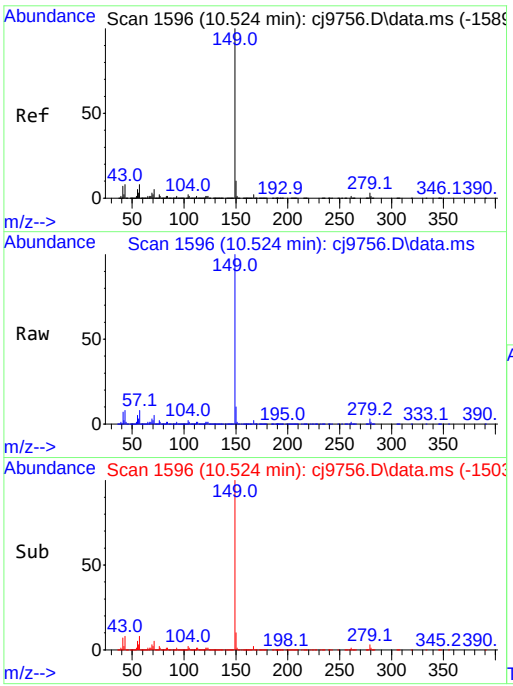


#92
bis(2-Ethylhexyl)phthalate
Concen: 50.00 ppm
RT: 9.914 min Scan# 1482
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:149 Resp: 780907

Ion	Ratio	Lower	Upper
149	100		
167	26.1	0.0	56.1
279	3.1	0.0	33.1

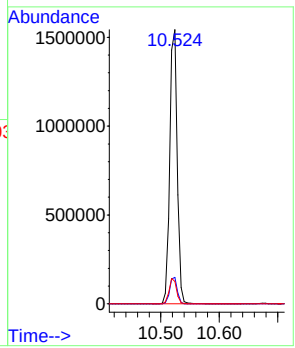


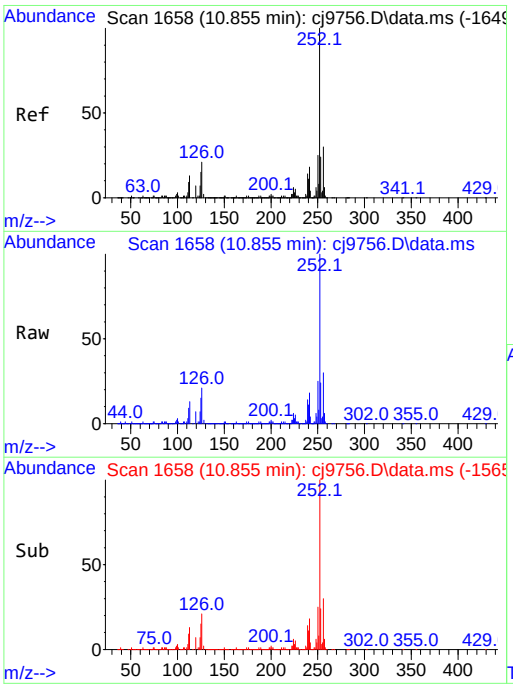


#94
Di-n-octylphthalate
Concen: 50.00 ppm
RT: 10.524 min Scan# 1596
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:149 Resp: 1365074

Ion	Ratio	Lower	Upper
149	100		
150	9.6	0.0	39.6
43	8.2	0.0	38.2

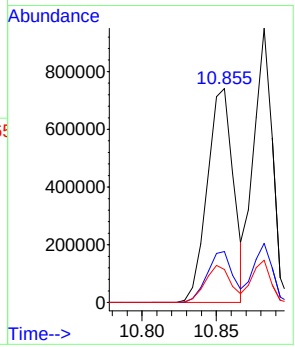


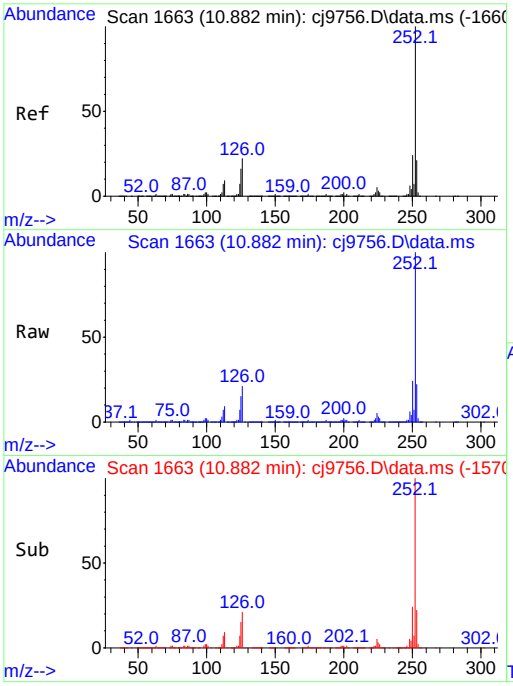


#95
Benzo[b]fluoranthene
Concen: 50.00 ppm
RT: 10.855 min Scan# 1658
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:252 Resp: 907909

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	54.1
125	15.5	0.0	45.5

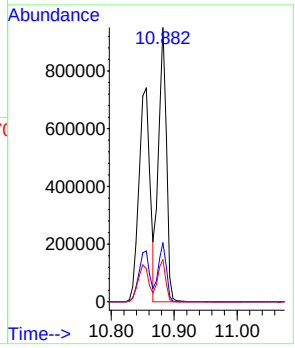


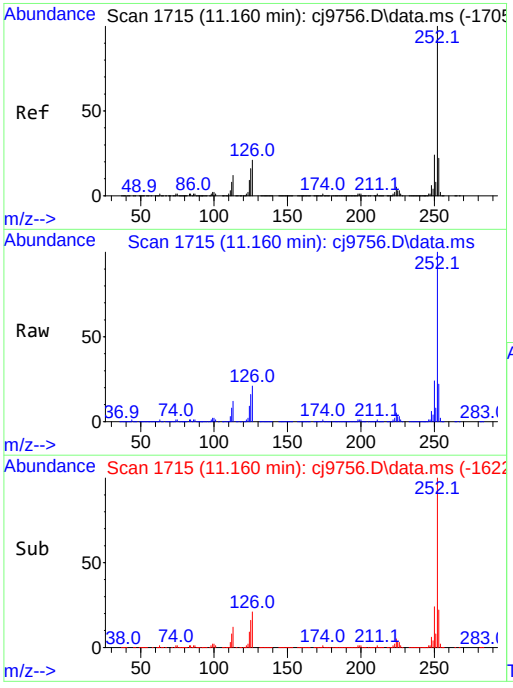


#96
Benzo[k]fluoranthene
Concen: 50.00 ppm
RT: 10.882 min Scan# 1663
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:252 Resp: 835060

Ion	Ratio	Lower	Upper
252	100		
253	21.4	0.0	51.4
125	15.5	0.0	45.5

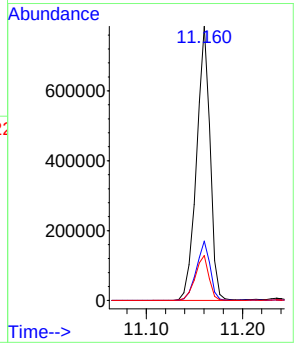


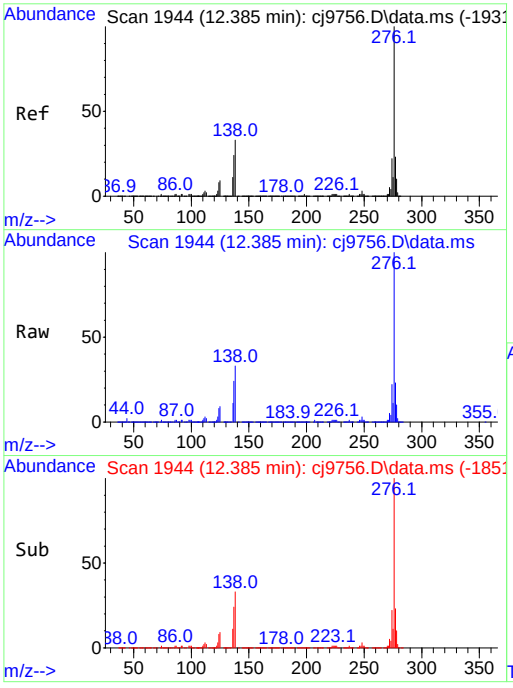


#97
Benzo[a]pyrene
Concen: 50.00 ppm
RT: 11.160 min Scan# 1715
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:252 Resp: 770981

Ion	Ratio	Lower	Upper
252	100		
253	21.6	0.0	51.6
125	16.4	0.0	46.4

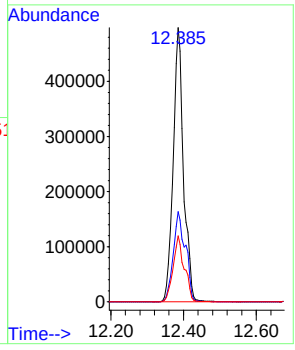


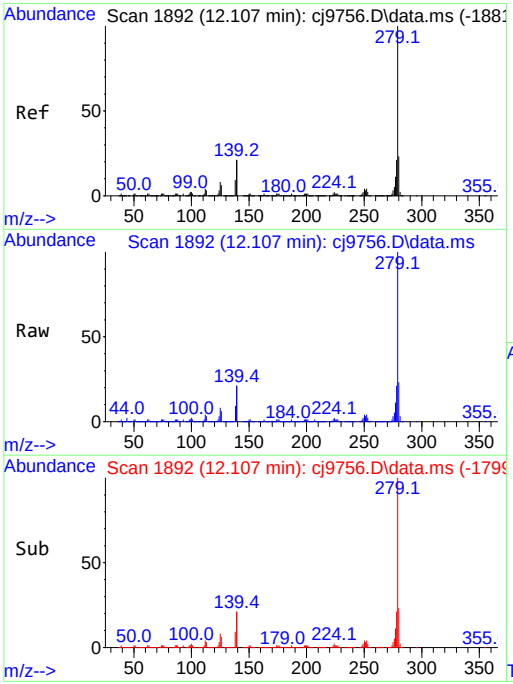


#98
Indeno[1,2,3-cd]pyrene
Concen: 50.00 ppm
RT: 12.385 min Scan# 1944
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:276 Resp: 984370

Ion	Ratio	Lower	Upper
276	100		
138	32.8	2.8	62.8
137	24.0	0.0	54.0

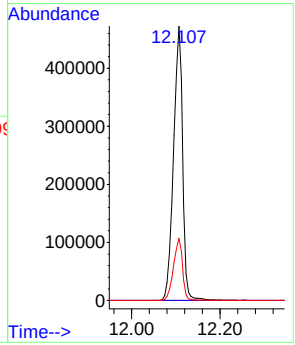


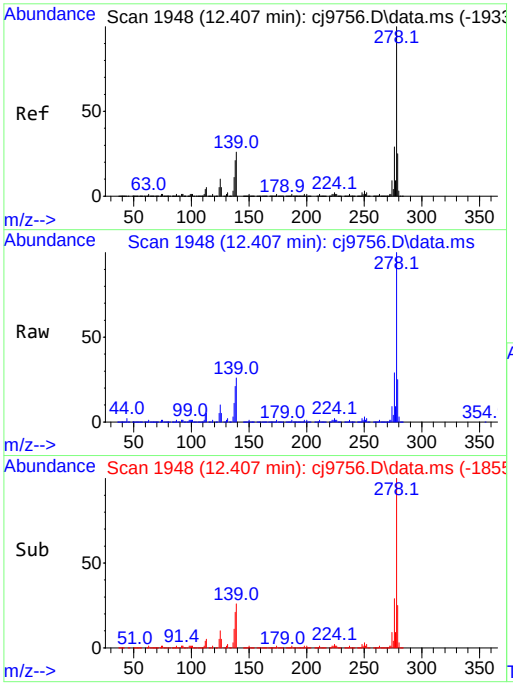


#99
Dibenz(a,h)acridine
Concen: 50.00 ppm
RT: 12.107 min Scan# 1892
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:279 Resp: 670531

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.6	0.0	52.6

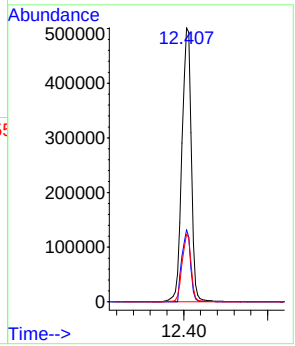


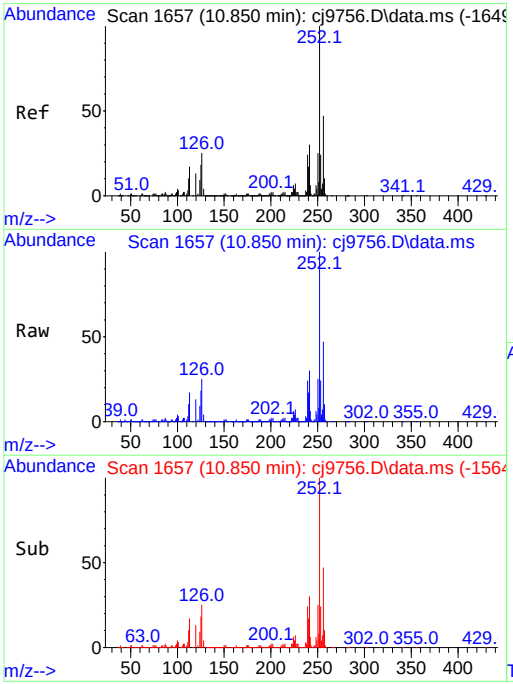


#100
Dibenz[a,h]anthracene
Concen: 50.00 ppm
RT: 12.407 min Scan# 1948
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:278 Resp: 780008

Ion	Ratio	Lower	Upper
278	100		
139	26.3	0.0	56.3
279	24.6	0.0	54.6

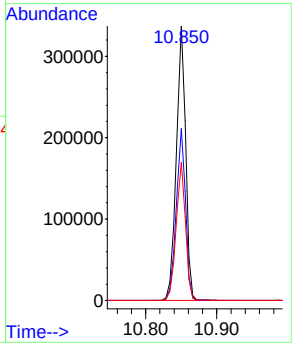


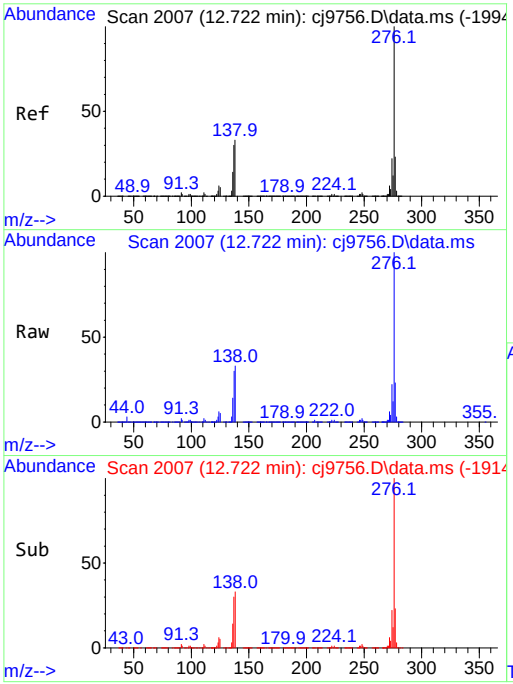


#101
7,12-Dimethylbenz(a)anthracene
Concen: 50.00 ppm
RT: 10.850 min Scan# 1657
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:256 Resp: 307985

Ion	Ratio	Lower	Upper
256	100		
241	62.7	32.7	92.7
239	50.3	20.3	80.3

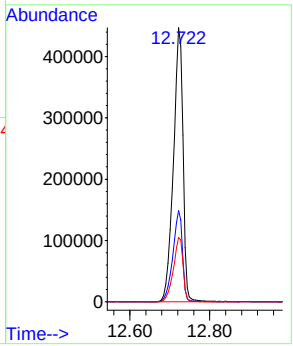




#102
Benzo[g,h,i]perylene
Concen: 50.00 ppm
RT: 12.722 min Scan# 2007
Delta R.T. 0.000 min
Lab File: cj9756.D
Acq: 17 Dec 2024 03:47 pm

Tgt Ion:276 Resp: 746183

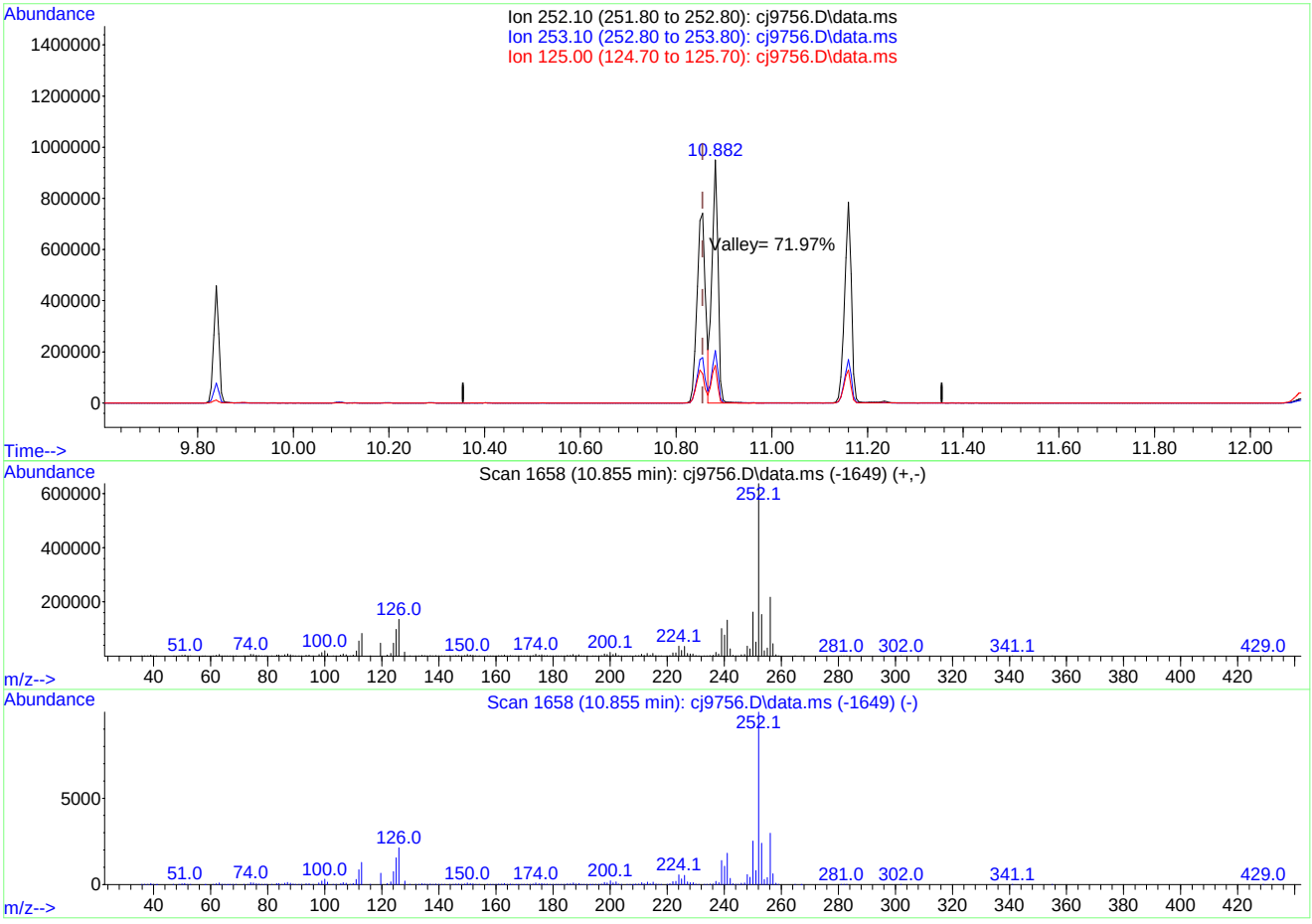
Ion	Ratio	Lower	Upper
276	100		
138	33.3	3.3	63.3
277	23.4	0.0	53.4



Quantitation Report (Qedit)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9756.D
Acq On : 17 Dec 2024 03:47 pm
Operator : rocquans
Sample : icc420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 09:11:57 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:11:45 2024
Response via : Initial Calibration



TIC: cj9756.D\data.ms

(95) Benzo[b]fluoranthene (t)

10.855min (0.000) 50.00 ppm

response 907909

Ion	Exp%	Act%
252.10	100.00	100.00
253.10	24.10	24.08
125.00	15.50	15.51
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Nina Pandya
12/20/24 16:18

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9757.D
Acq On : 17 Dec 2024 05:15 pm
Operator : rocquans
Sample : ic420-1
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 20 09:15:03 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	148883	40.00	ppm	0.00
24) Naphthalene-d8	5.143	136	576781	40.00	ppm	0.00
46) Acenaphthene-d10	6.250	164	316306	40.00	ppm	0.00
69) Phenanthrene-d10	7.411	188	524942	40.00	ppm	0.00
84) Chrysene-d12	9.871	240	438371	40.00	ppm	0.00
93) Perylene-d12	11.219	264	444047	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	4.394	152	148883	40.00	ppm	0.00
105) Phenanthrene-d10a	7.411	188	524942	40.00	ppm	0.00
107) Naphthalene-d8a	5.143	136	576781	40.00	ppm	0.00
109) Phenanthrene-d10b	7.411	188	524942	40.00	ppm	0.00
112) Chrysene-d12a	9.871	240	438371	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.554	112	4704	0.99	ppm	0.00
Spiked Amount 50.000			Recovery = 1.98%			
8) Phenol-d5	4.153	99	5833	0.94	ppm	-0.01
Spiked Amount 50.000			Recovery = 1.88%			
25) Nitrobenzene-d5	4.715	82	5787	1.00	ppm	0.00
Spiked Amount 50.000			Recovery = 2.00%			
51) 2-Fluorobiphenyl	5.790	172	10778	1.03	ppm	0.00
Spiked Amount 50.000			Recovery = 2.06%			
74) 2,4,6-Tribromophenol	6.833	330	1155	0.89	ppm	0.00
Spiked Amount 50.000			Recovery = 1.78%			
87) Terphenyl-d14	8.866	244	12874	1.15	ppm	0.00
Spiked Amount 50.000			Recovery = 2.30%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.249	88	2006m	1.12	ppm	
3) Pyridine	2.560	79	5247	1.03	ppm	93
4) N-Nitrosodimethylamine	2.517	74	2746	0.90	ppm	92
6) Indene	4.549	116	9049	1.02	ppm	94
7) Cumene	3.902	105	10391	1.02	ppm	99
9) Phenol	4.164	94	6265	0.94	ppm	99
10) Aniline	4.191	93	7682	0.93	ppm	96
11) bis(2-Chloroethyl)ether	4.228	93	5092	0.96	ppm	99
12) 2-Chlorophenol	4.260	128	5377	0.97	ppm	94
13) Decane	4.298	43	5930	1.08	ppm	98
14) 1,3-Dichlorobenzene	4.362	146	5875	1.01	ppm	97
15) 1,4-Dichlorobenzene	4.405	146	6197	1.05	ppm	99
16) Benzyl alcohol	4.469	108	3368	0.89	ppm	95
17) 1,2-Dichlorobenzene	4.496	146	5678	1.01	ppm	96
18) Acetophenone	4.630	105	7930	1.05	ppm	85
19) 2-Methylphenol	4.533	108	4636	0.95	ppm	98
20) 2,2'-oxybis(1-Chloropr...	4.549	121	1675	0.99	ppm #	60
21) 3&4-Methylphenol	4.619	108	9913	1.97	ppm	99
22) n-Nitroso-di-n-propyla...	4.624	70	3697	1.00	ppm	96
23) Hexachloroethane	4.699	201	2018	1.02	ppm	98
26) Nitrobenzene	4.731	77	5884	1.04	ppm	95
27) Quinoline	5.346	129	10153	1.00	ppm	99
28) Isophorone	4.865	82	10059	1.01	ppm	96
29) 2-Nitrophenol	4.913	139	2509	0.89	ppm	92
30) 2,4-Dimethylphenol	4.929	107	5520	1.03	ppm	97

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9757.D
Acq On : 17 Dec 2024 05:15 pm
Operator : rocquans
Sample : ic420-1
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 20 09:15:03 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) Benzoic acid	4.940	105	3222	0.74	ppm		83
32) bis(2-Chloroethoxy)met...	4.988	93	6384	0.99	ppm		96
33) 2,4-Dichlorophenol	5.052	162	4115	0.94	ppm		96
34) 2,6-Dichlorophenol	5.180	162	4420	1.02	ppm		96
35) 1,3,5-Trichlorobenzene	4.924	180	5013	1.04	ppm		95
36) 1,2,4-Trichlorobenzene	5.106	180	4697	1.03	ppm		96
37) 1,2,3-Trichlorobenzene	5.234	180	4799	1.07	ppm		94
38) Naphthalene	5.154	128	16011	1.06	ppm		90
39) 4-Chloroaniline	5.175	127	6330	0.97	ppm		97
40) 2,3-Dichloroaniline	5.737	161	4722	0.95	ppm		95
41) Hydroquinone	5.346	110	2382	0.68	ppm		95
42) Hexachlorobutadiene	5.223	225	2520	1.02	ppm		94
43) 4-Chloro-3-methylphenol	5.448	107	4482	0.99	ppm		98
44) 2-Methylnaphthalene	5.566	141	9338	1.02	ppm		98
45) 1-Methylnaphthalene	5.624	141	8760	1.01	ppm		96
47) Hexachlorocyclopentadiene	5.662	237	4760	1.91	ppm		92
48) 1,2,4,5-tetrachloroben...	5.667	216	4240	0.97	ppm		94
49) 2,4,6-Trichlorophenol	5.731	196	2808	0.94	ppm		96
50) 2,4,5-Trichlorophenol	5.753	196	2974	0.91	ppm		91
52) 2-Chloronaphthalene	5.870	162	9674	1.03	ppm		99
53) Biphenyl	5.854	154	12513	1.04	ppm		98
54) 2-Nitroaniline	5.924	65	2928	0.98	ppm		84
55) Dimethylphthalate	6.042	163	11429	1.04	ppm		98
56) Acenaphthylene	6.154	152	13711	1.00	ppm		99
57) 2,6-Dinitrotoluene	6.084	165	1884	0.78	ppm		74
58) 3-Nitroaniline	6.202	138	2422	0.85	ppm		85
59) Acenaphthene	6.272	153	10049	1.02	ppm		97
60) 2,4-Dinitrophenol	6.272	184	803	0.60	ppm	#	1
61) 4-Nitrophenol	6.298	109	1904	1.21	ppm		86
62) Dibenzofuran	6.395	168	13741	1.05	ppm		98
63) 2,4-Dinitrotoluene	6.368	165	2762	0.83	ppm		99
64) 2,3,4,6-Tetrachlorophenol	6.475	232	2467	0.98	ppm		94
65) Diethylphthalate	6.544	149	12723	1.11	ppm		98
66) Fluorene	6.651	166	10906	1.04	ppm		98
67) 4-Chlorophenyl-phenyle...	6.646	204	4953	1.04	ppm		94
68) 4-Nitroaniline	6.646	138	2615	0.88	ppm		92
70) 4,6-Dinitro-2-methylph...	6.673	198	742	0.43	ppm	#	86
71) n-Nitrosodiphenylamine	6.732	169	9060	0.99	ppm		97
72) 1,2-Diphenylhydrazine	6.769	77	10717	0.97	ppm		97
73) pentachloronitrobenzene	7.256	295	384	0.80	ppm		84
75) 4-Bromophenyl-phenylether	7.031	248	2554	0.97	ppm		93
76) Hexachlorobenzene	7.085	284	2950	1.06	ppm		91
77) Pentachlorophenol	7.240	266	3063	1.50	ppm		93
78) Phenanthrene	7.432	178	16805	1.11	ppm		100
79) Anthracene	7.475	178	16105	1.05	ppm		98
80) Carbazole	7.603	167	17439	1.18	ppm		97
81) Di-n-butylphthalate	7.924	149	18922	0.96	ppm		99
82) Fluoranthene	8.497	202	17806	1.09	ppm		99
83) Octadecane	7.315	57	8342	0.93	ppm		96
85) benzidine	8.620	184	15700	1.73	ppm		99
86) Pyrene	8.711	202	19116	1.18	ppm		98
88) Butylbenzylphthalate	9.347	149	7605	0.89	ppm		94
89) Benzo[a]anthracene	9.861	228	18071	1.21	ppm		99
90) 3,3'-Dichlorobenzidine	9.839	252	5863	1.01	ppm		96
91) Chrysene	9.893	228	16732	1.19	ppm		98
92) bis(2-Ethylhexyl)phtha...	9.919	149	11223	0.89	ppm		99
94) Di-n-octylphthalate	10.524	149	17889	0.81	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9757.D
Acq On : 17 Dec 2024 05:15 pm
Operator : rocquans
Sample : ic420-1
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 20 09:15:03 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

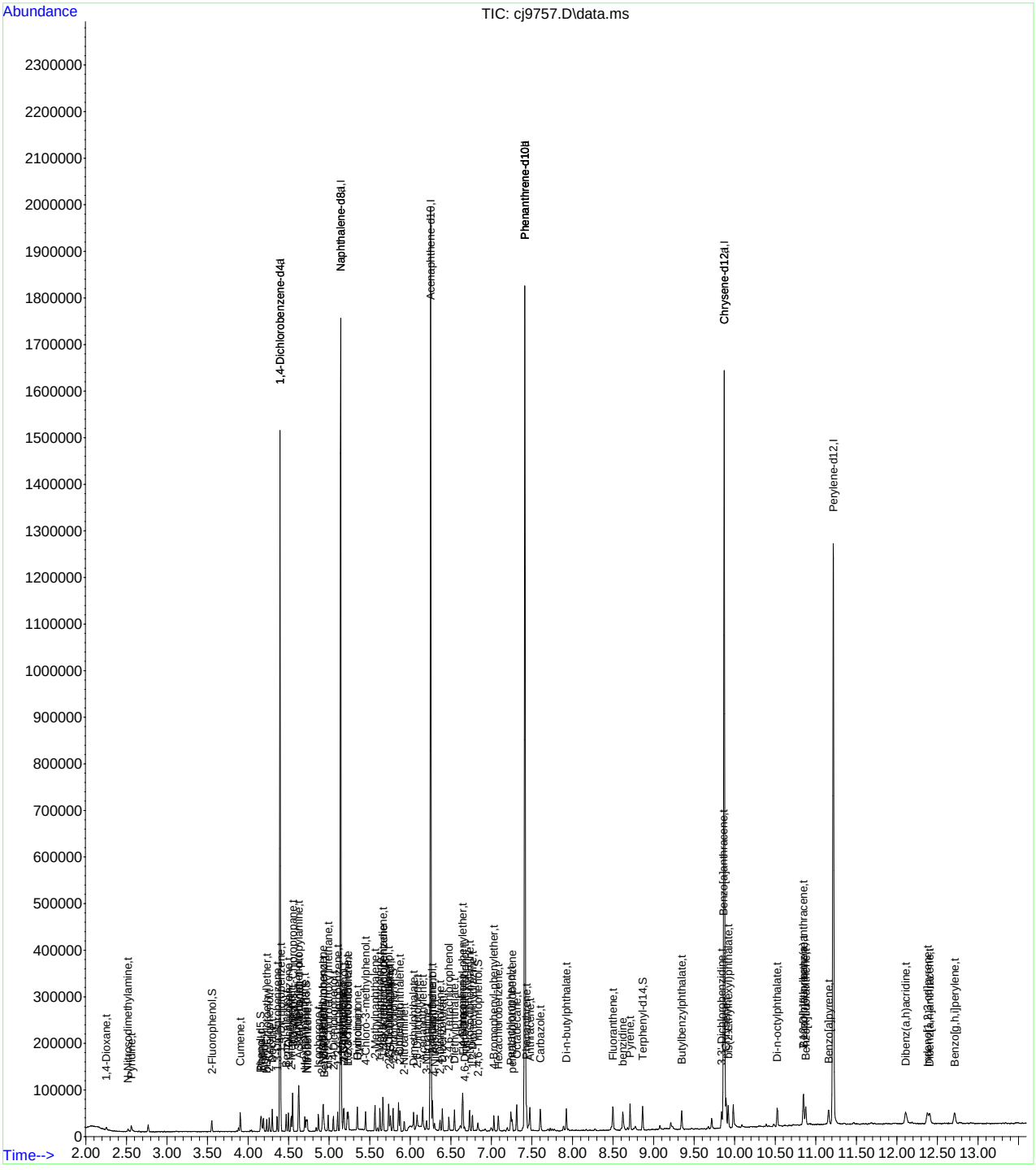
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Benzo[b]fluoranthene	10.850	252	13897	0.95	ppm	96
96) Benzo[k]fluoranthene	10.877	252	13615	1.01	ppm	95
97) Benzo[a]pyrene	11.160	252	11618	0.94	ppm	96
98) Indeno[1,2,3-cd]pyrene	12.380	276	14771	0.93	ppm	92
99) Dibenz(a,h)acridine	12.107	279	9834	0.91	ppm	99
100) Dibenz[a,h]anthracene	12.401	278	11466	0.91	ppm	99
101) 7,12-Dimethylbenz(a)an...	10.845	256	5161	1.04	ppm	97
102) Benzo[g,h,i]perylene	12.711	276	12768	1.06	ppm	98

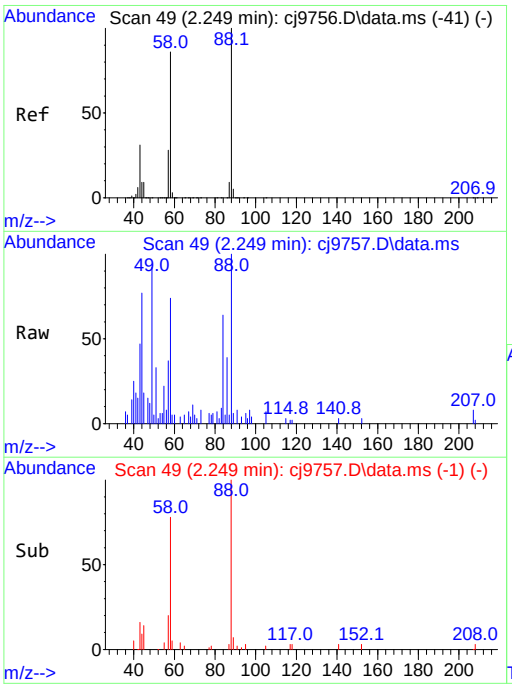
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9757.D
Acq On : 17 Dec 2024 05:15 pm
Operator : rocquans
Sample : ic420-1
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 20 09:15:03 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

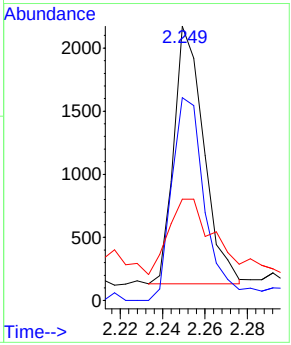


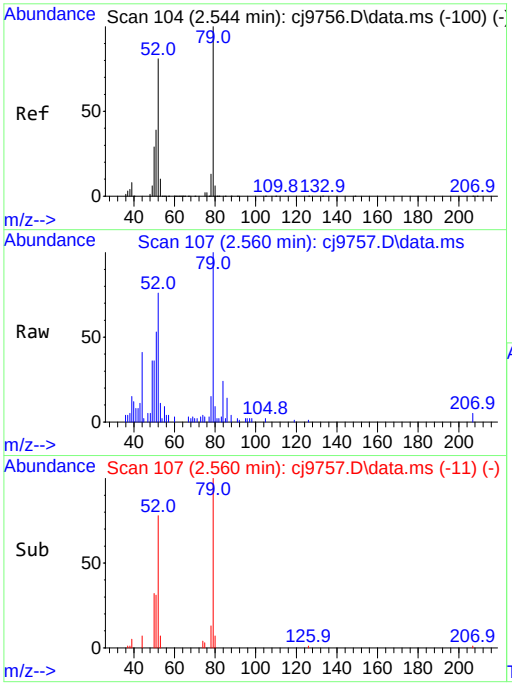


#2
1,4-Dioxane
Concen: 1.12 ppm m
RT: 2.249 min Scan# 49
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 88 Resp: 2006

Ion	Ratio	Lower	Upper
88	100		
58	74.0	56.0	116.0
57	36.9	0.0	57.8

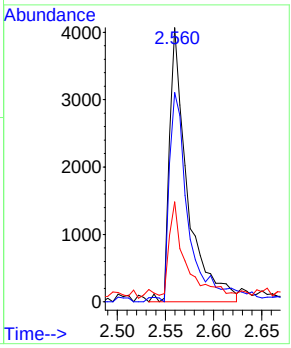


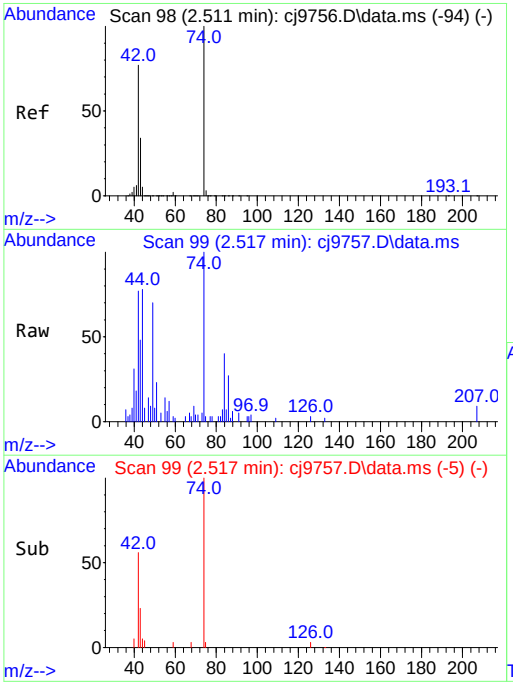


#3
Pyridine
Concen: 1.03 ppm
RT: 2.560 min Scan# 107
Delta R.T. 0.016 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 79 Resp: 5247

Ion	Ratio	Lower	Upper
79	100		
52	74.7	51.1	111.1
50	33.1	0.0	59.1

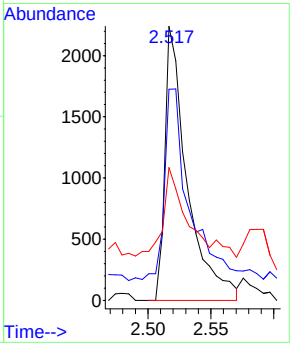


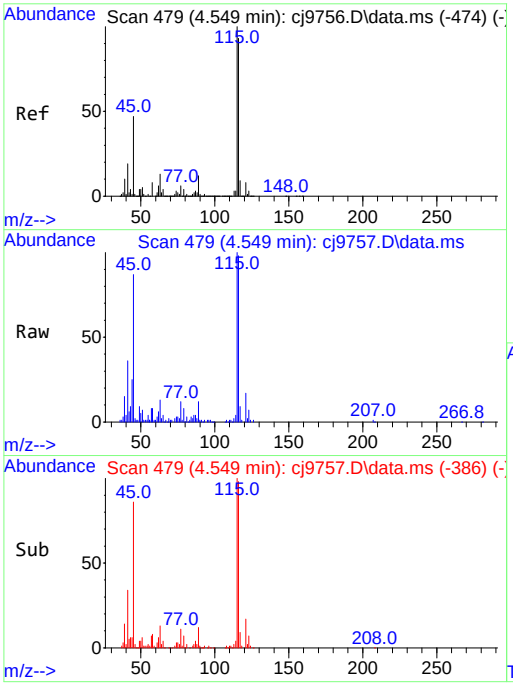


#4
N-Nitrosodimethylamine
Concen: 0.90 ppm
RT: 2.517 min Scan# 99
Delta R.T. 0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 74 Resp: 2746

Ion	Ratio	Lower	Upper
74	100		
42	68.2	47.1	107.1
43	32.3	3.8	63.8

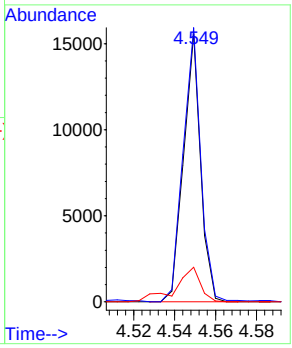


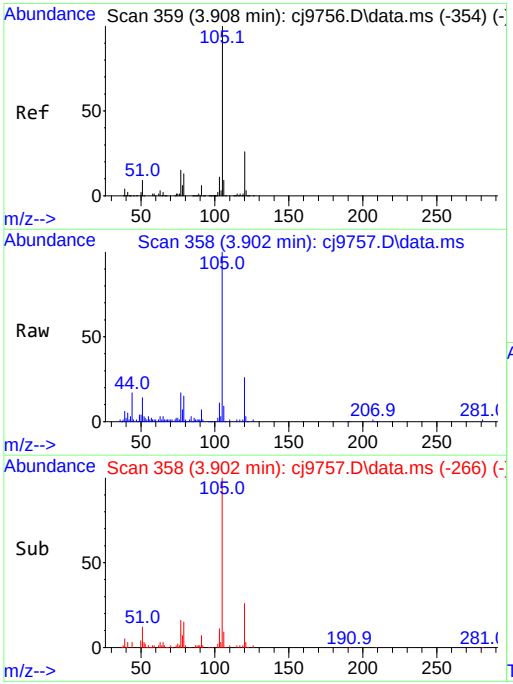


#6
Indene
Concen: 1.02 ppm
RT: 4.549 min Scan# 479
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:116 Resp: 9049

Ion	Ratio	Lower	Upper
116	100		
115	102.0	77.6	137.6
63	11.4	0.0	44.5

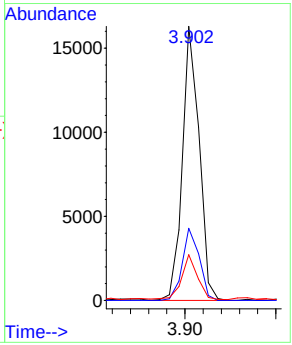


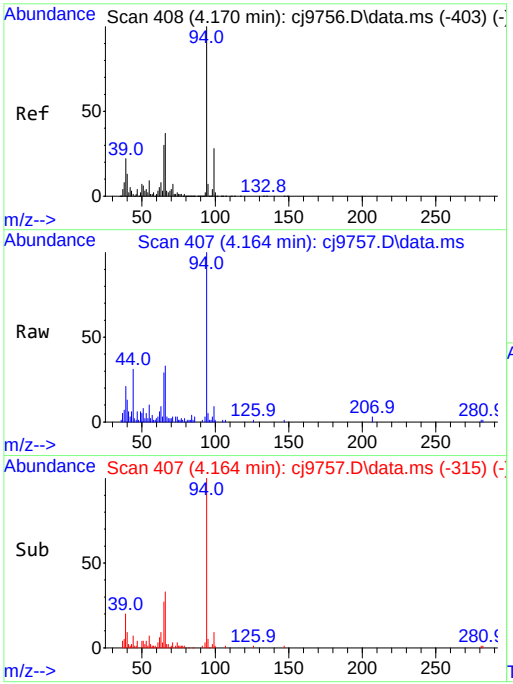


#7
Cumene
Concen: 1.02 ppm
RT: 3.902 min Scan# 358
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:105 Resp: 10391

Ion	Ratio	Lower	Upper
105	100		
120	26.3	0.0	56.3
77	16.0	0.0	44.5

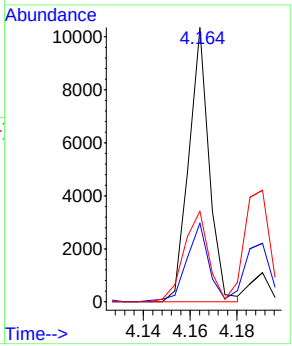


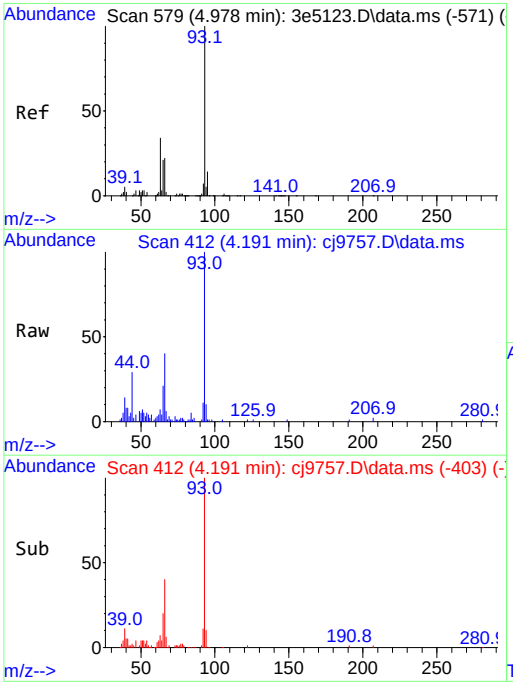


#9
Phenol
Concen: 0.94 ppm
RT: 4.164 min Scan# 407
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 94 Resp: 6265

Ion	Ratio	Lower	Upper
94	100		
65	26.6	0.0	55.8
66	29.8	0.0	59.9

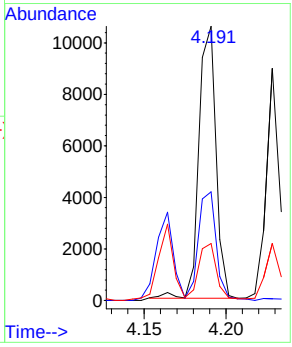


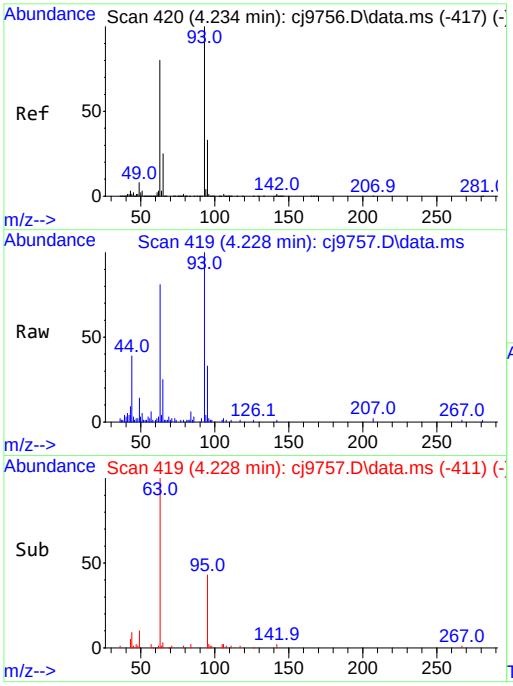


#10
Aniline
Concen: 0.93 ppm
RT: 4.191 min Scan# 412
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 93 Resp: 7682

Ion	Ratio	Lower	Upper
93	100		
66	36.5	8.9	68.9
65	19.5	0.0	50.8

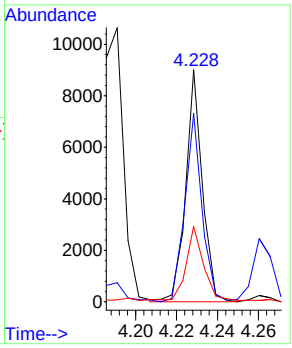


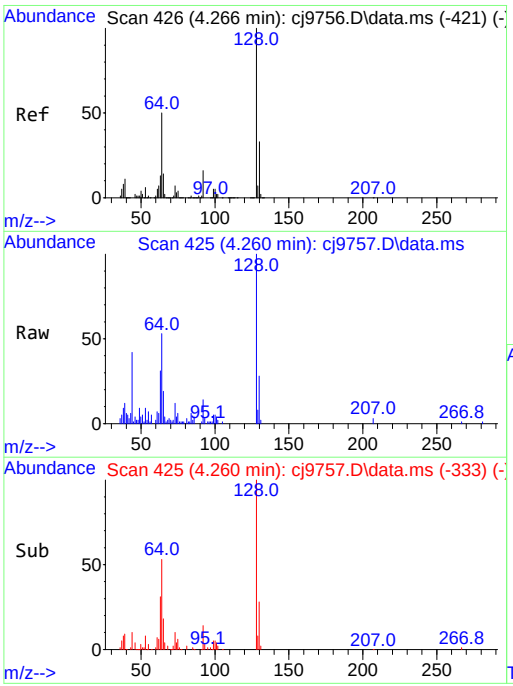


#11
bis(2-Chloroethyl)ether
Concen: 0.96 ppm
RT: 4.228 min Scan# 419
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 93 Resp: 5092

Ion	Ratio	Lower	Upper
93	100		
63	80.6	50.4	110.4
95	31.9	2.9	62.9

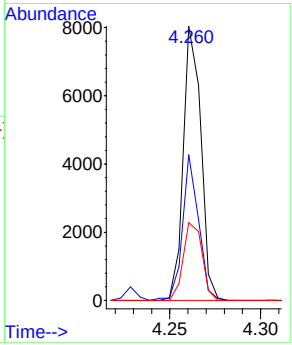


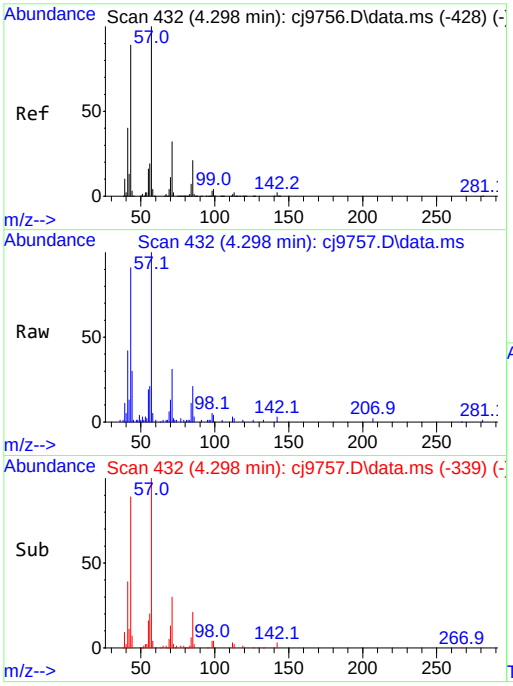


#12
2-Chlorophenol
Concen: 0.97 ppm
RT: 4.260 min Scan# 425
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:128 Resp: 5377

Ion	Ratio	Lower	Upper
128	100		
64	53.1	19.8	79.8
130	28.4	2.6	62.6

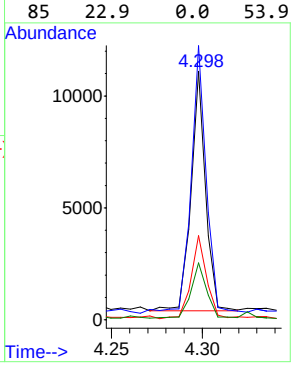


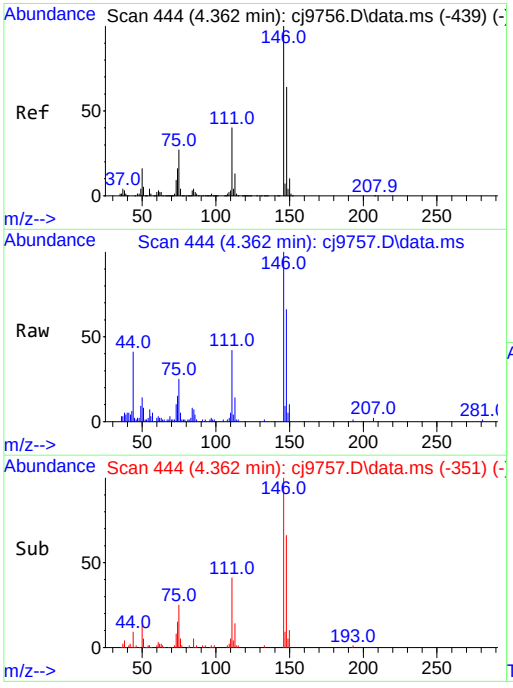


#13
Decane
Concen: 1.08 ppm
RT: 4.298 min Scan# 432
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 43 Resp: 5930

Ion	Ratio	Lower	Upper
43	100		
57	110.4	82.4	142.4
71	33.8	5.6	65.6
85	22.9	0.0	53.9

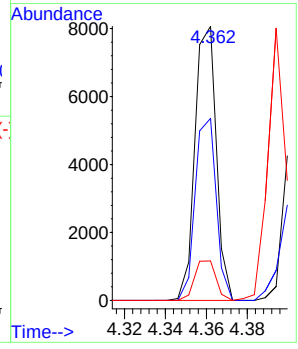


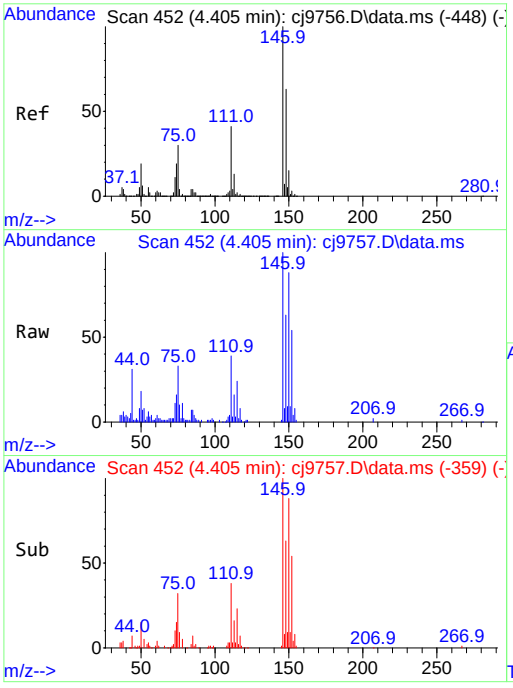


#14
1,3-Dichlorobenzene
Concen: 1.01 ppm
RT: 4.362 min Scan# 444
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:146 Resp: 5875

Ion	Ratio	Lower	Upper
146	100		
148	66.4	33.8	93.8
113	14.1	0.0	43.0

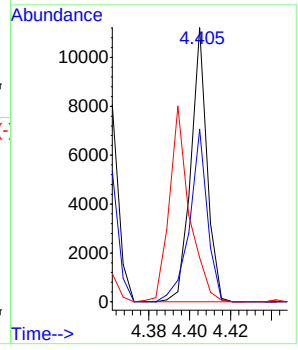


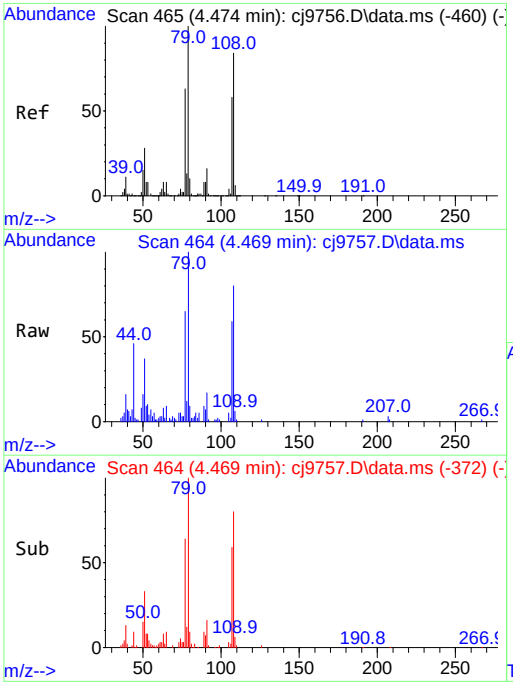


#15
1,4-Dichlorobenzene
Concen: 1.05 ppm
RT: 4.405 min Scan# 452
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:146 Resp: 6197

Ion	Ratio	Lower	Upper
146	100		
148	62.9	33.3	93.3
113	15.4	0.0	43.2

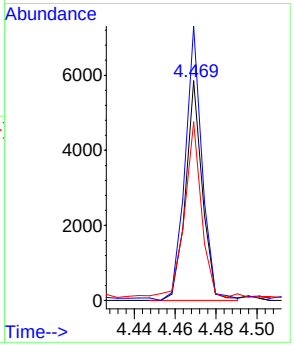


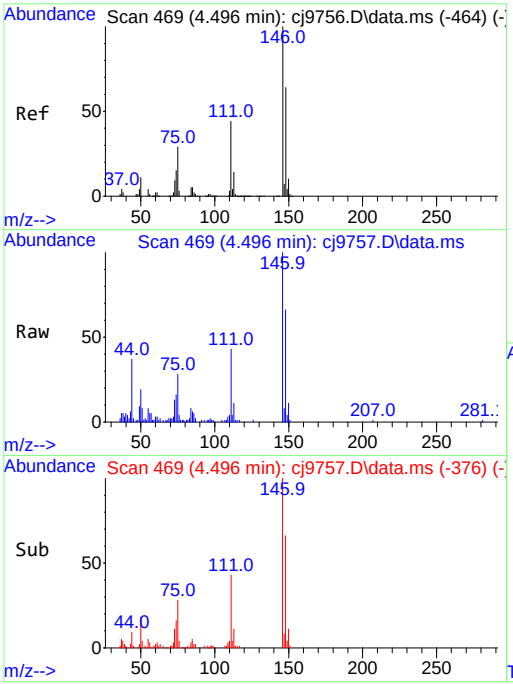


#16
Benzyl alcohol
Concen: 0.89 ppm
RT: 4.469 min Scan# 464
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:108 Resp: 3368

Ion	Ratio	Lower	Upper
108	100		
79	124.5	88.4	148.4
77	79.3	45.1	105.1

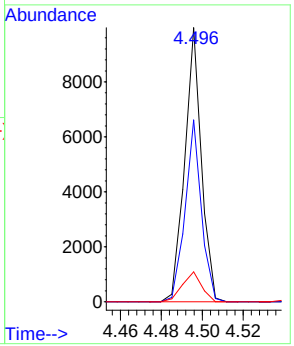


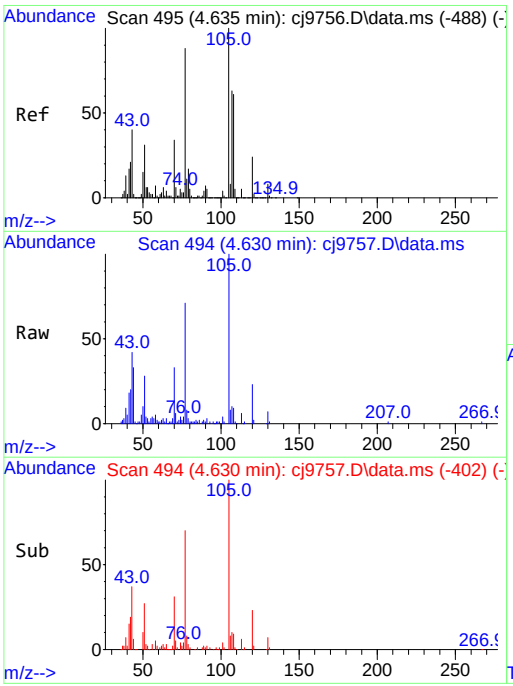


#17
1,2-Dichlorobenzene
Concen: 1.01 ppm
RT: 4.496 min Scan# 469
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:146 Resp: 5678

Ion	Ratio	Lower	Upper
146	100		
148	66.4	34.0	94.0
113	10.9	0.0	43.9

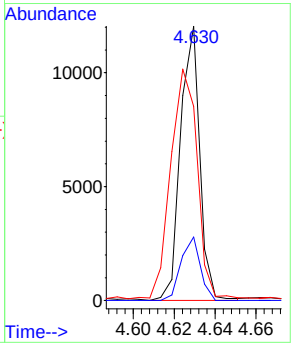


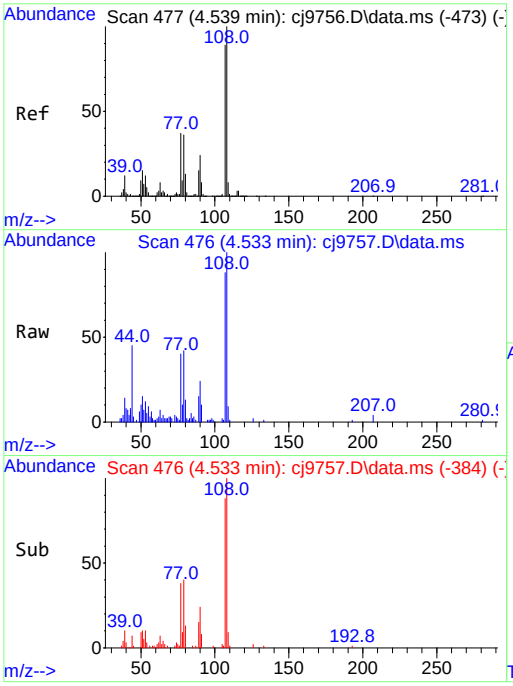


#18
Acetophenone
Concen: 1.05 ppm
RT: 4.630 min Scan# 494
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:105 Resp: 7930

Ion	Ratio	Lower	Upper
105	100		
120	23.3	0.0	54.0
77	70.1	57.6	117.6

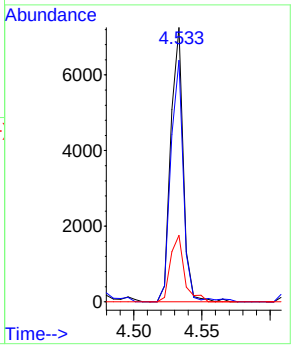


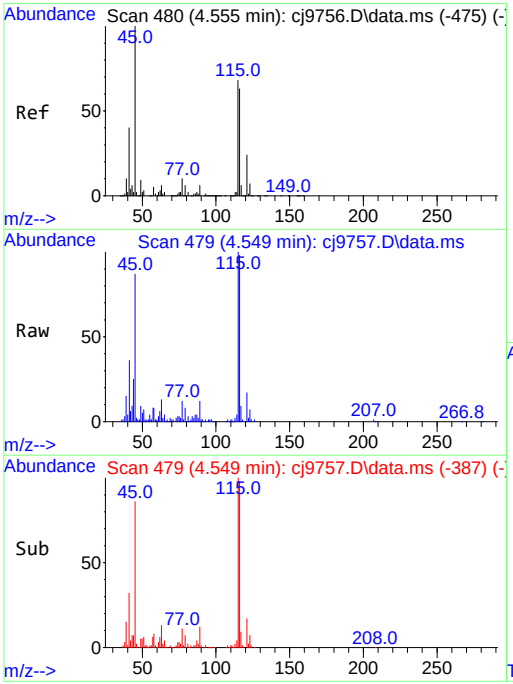


#19
2-Methylphenol
Concen: 0.95 ppm
RT: 4.533 min Scan# 476
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:108 Resp: 4636

Ion	Ratio	Lower	Upper
108	100		
107	88.0	59.5	119.5
90	24.2	0.0	53.5

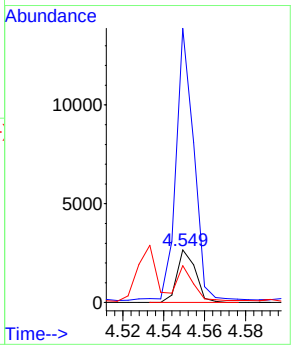


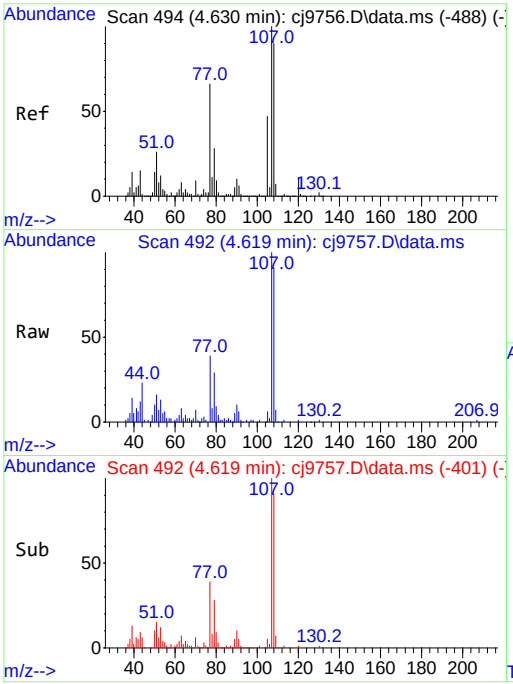


#20
2,2'-oxybis(1-Chloropropane
Concen: 0.99 ppm
RT: 4.549 min Scan# 479
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:121 Resp: 1675

Ion	Ratio	Lower	Upper
121	100		
45	513.4	389.8	449.8#
77	13.8	18.9	78.9#

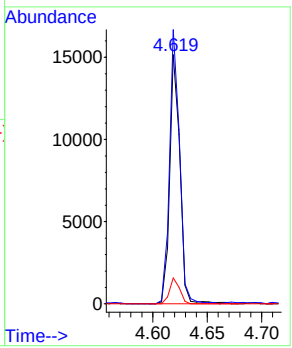


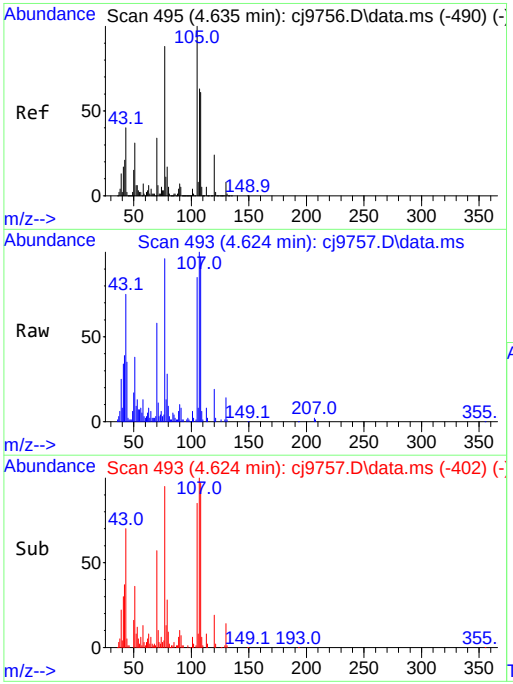


#21
3&4-Methylphenol
Concen: 1.97 ppm
RT: 4.619 min Scan# 492
Delta R.T. -0.011 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:108 Resp: 9913

Ion	Ratio	Lower	Upper
108	100		
107	110.1	81.2	141.2
90	10.5	0.0	41.3

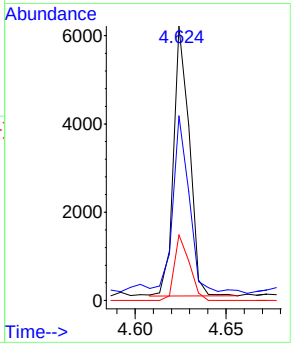


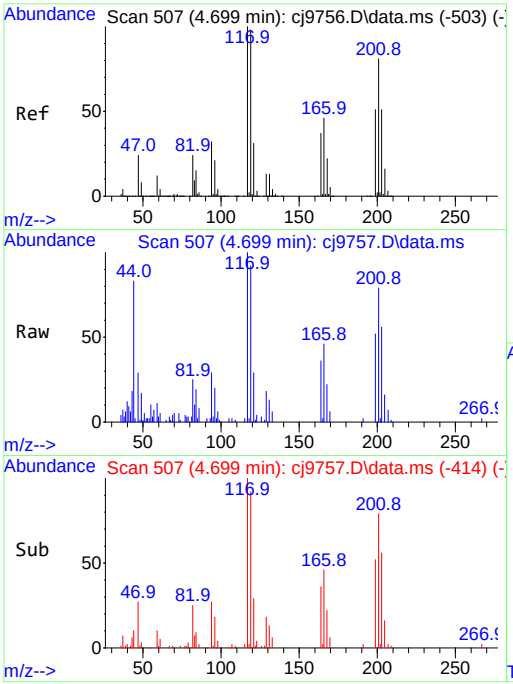


#22
n-Nitroso-di-n-propylamine
Concen: 1.00 ppm
RT: 4.624 min Scan# 493
Delta R.T. -0.011 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 70 Resp: 3697

Ion	Ratio	Lower	Upper
70	100		
42	64.5	31.2	91.2
130	24.4	0.0	52.5

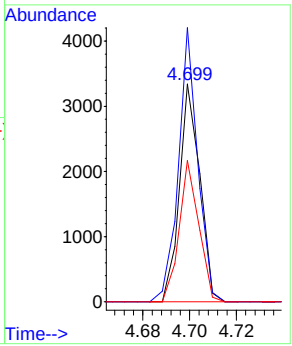


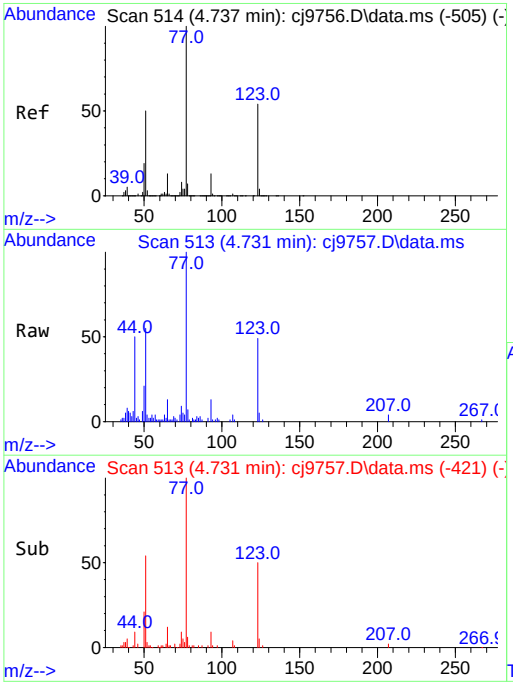


#23
Hexachloroethane
Concen: 1.02 ppm
RT: 4.699 min Scan# 507
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:201 Resp: 2018

Ion	Ratio	Lower	Upper
201	100		
117	125.9	94.0	154.0
199	64.9	33.7	93.7

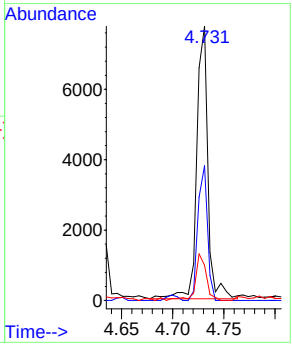


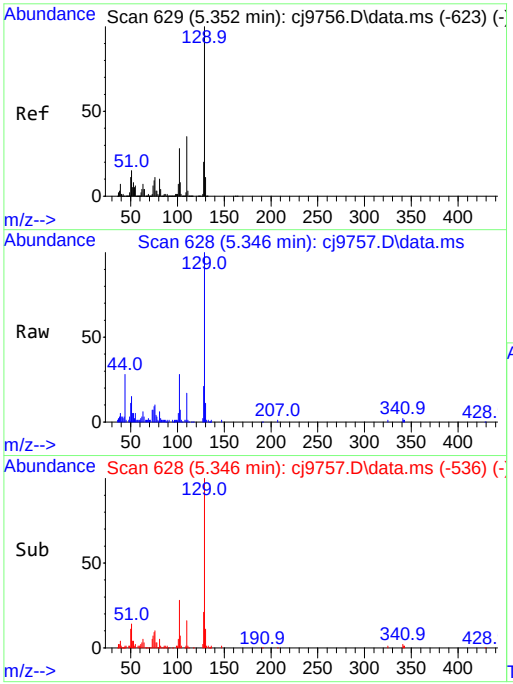


#26
Nitrobenzene
Concen: 1.04 ppm
RT: 4.731 min Scan# 513
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 77 Resp: 5884

Ion	Ratio	Lower	Upper
77	100		
123	49.8	23.6	83.6
65	11.9	0.0	43.4

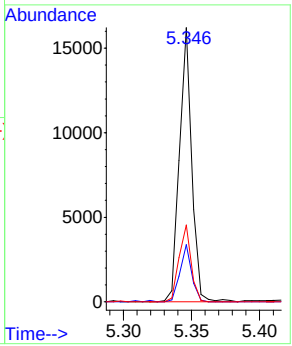


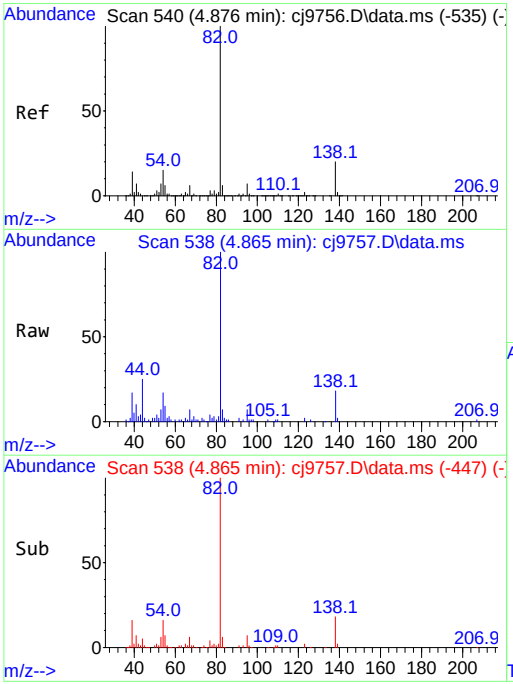


#27
Quinoline
Concen: 1.00 ppm
RT: 5.346 min Scan# 628
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:129 Resp: 10153

Ion	Ratio	Lower	Upper
129	100		
128	20.6	0.0	49.9
102	28.0	0.0	58.1

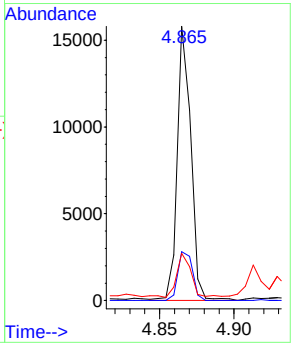


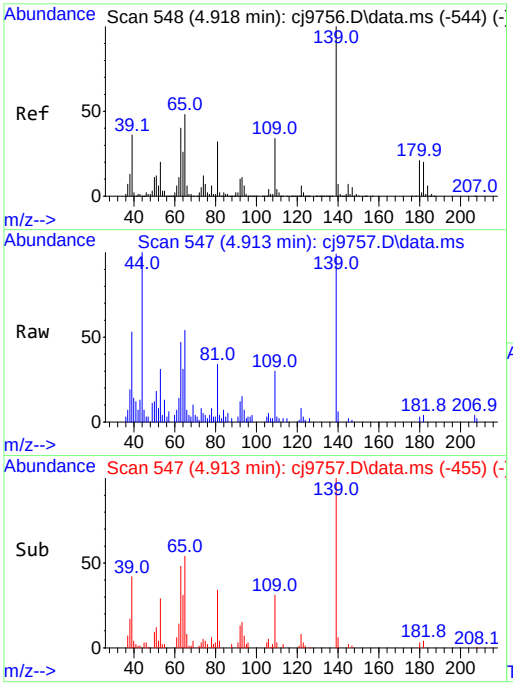


#28
Isophorone
Concen: 1.01 ppm
RT: 4.865 min Scan# 538
Delta R.T. -0.011 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 82 Resp: 10059

Ion	Ratio	Lower	Upper
82	100		
138	17.8	0.0	50.3
39	15.2	0.0	44.0

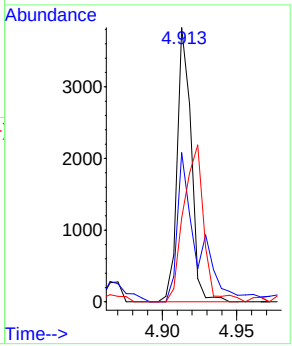


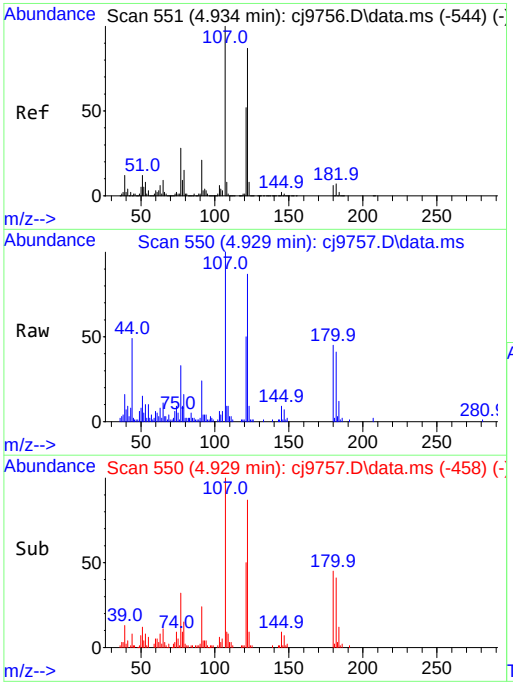


#29
2-Nitrophenol
Concen: 0.89 ppm
RT: 4.913 min Scan# 547
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:139 Resp: 2509

Ion	Ratio	Lower	Upper
139	100		
65	53.1	17.5	77.5
109	29.8	3.8	63.8

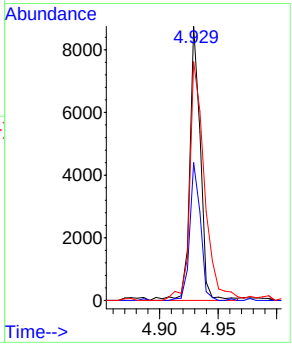


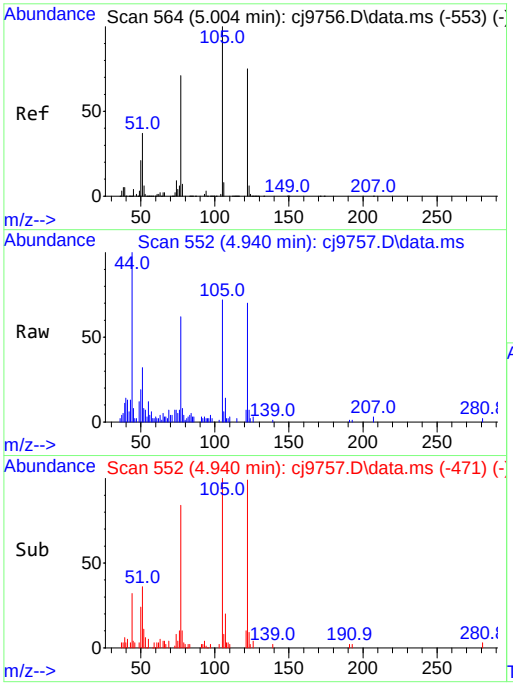


#30
2,4-Dimethylphenol
Concen: 1.03 ppm
RT: 4.929 min Scan# 550
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:107 Resp: 5520

Ion	Ratio	Lower	Upper
107	100		
121	50.4	21.7	81.7
122	86.7	53.4	113.4

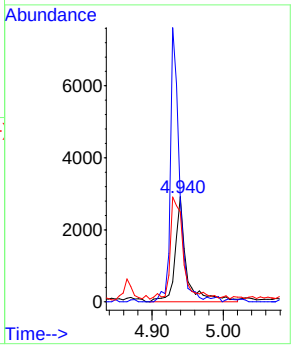


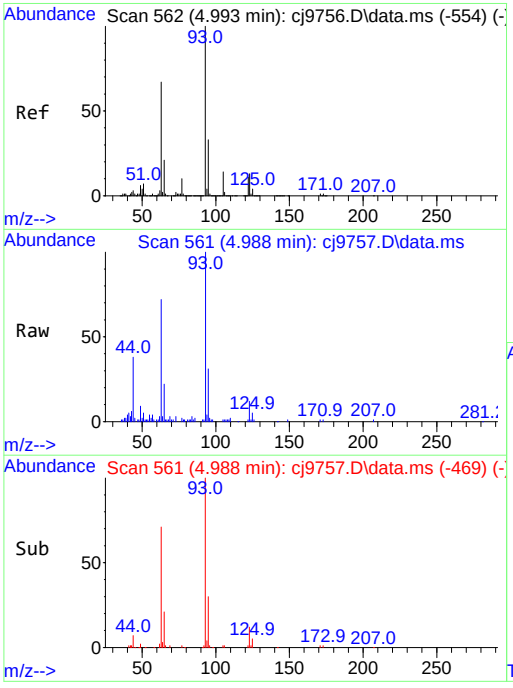


#31
Benzoic acid
Concen: 0.74 ppm
RT: 4.940 min Scan# 552
Delta R.T. -0.064 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:105 Resp: 3222

Ion	Ratio	Lower	Upper
105	100		
122	97.2	48.8	108.8
77	83.0	42.1	102.1

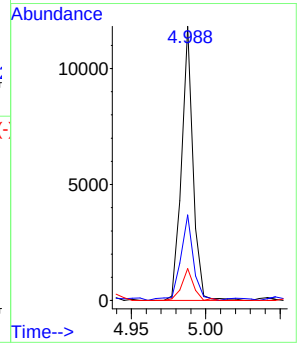


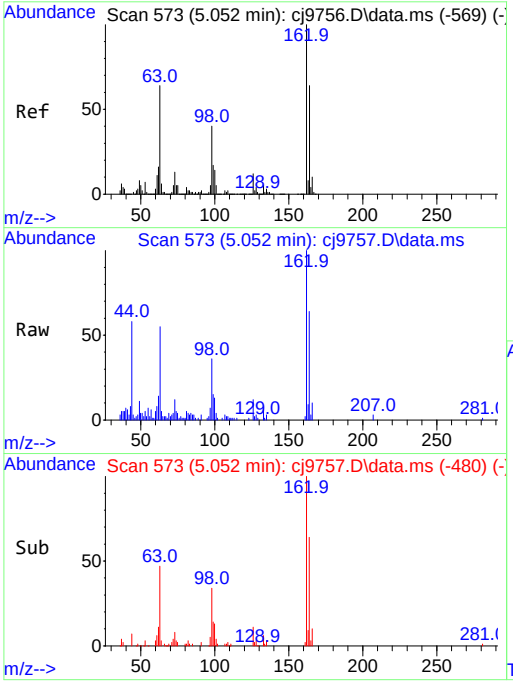


#32
bis(2-Chloroethoxy)methane
Concen: 0.99 ppm
RT: 4.988 min Scan# 561
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 93 Resp: 6384

Ion	Ratio	Lower	Upper
93	100		
95	30.4	3.0	63.0
123	11.7	0.0	43.0

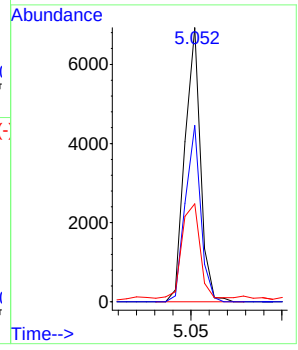


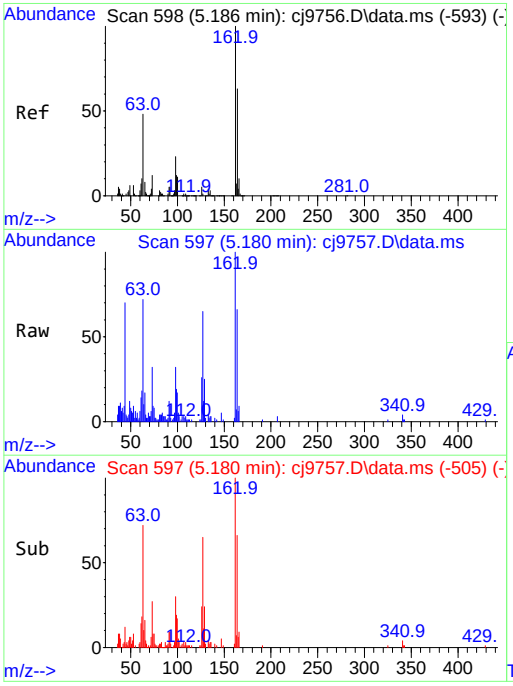


#33
2,4-Dichlorophenol
Concen: 0.94 ppm
RT: 5.052 min Scan# 573
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:162 Resp: 4115

Ion	Ratio	Lower	Upper
162	100		
164	64.4	34.2	94.2
98	34.0	9.7	69.7

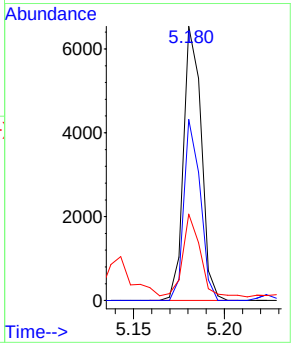


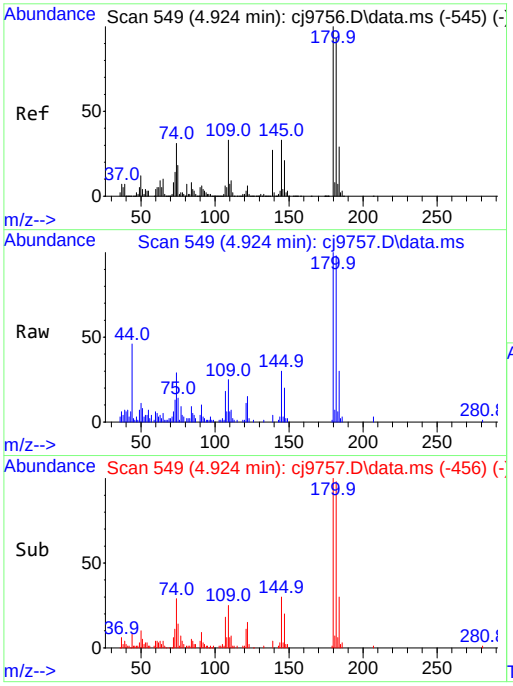


#34
2,6-Dichlorophenol
Concen: 1.02 ppm
RT: 5.180 min Scan# 597
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:162 Resp: 4420

Ion	Ratio	Lower	Upper
162	100		
164	66.1	33.4	93.4
98	28.2	0.0	54.6

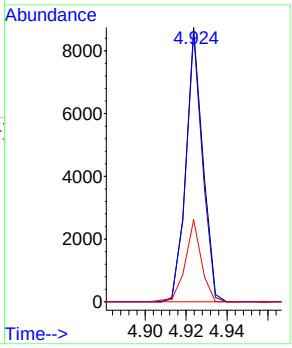


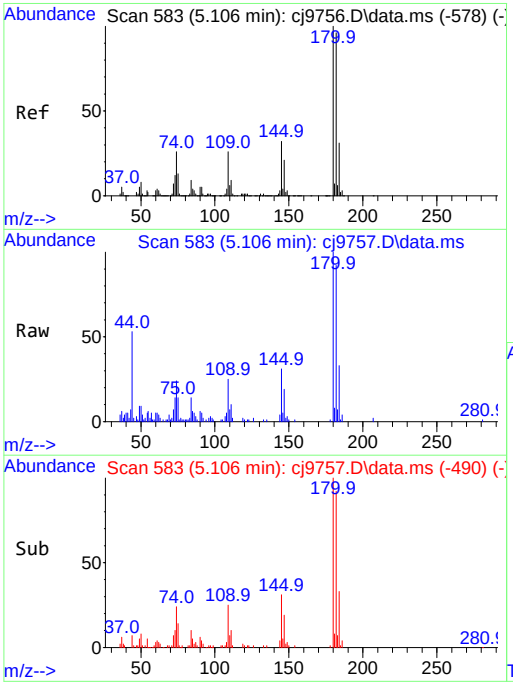


#35
1,3,5-Trichlorobenzene
Concen: 1.04 ppm
RT: 4.924 min Scan# 549
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:180 Resp: 5013

Ion	Ratio	Lower	Upper
180	100		
182	98.1	63.0	123.0
145	30.0	3.0	63.0

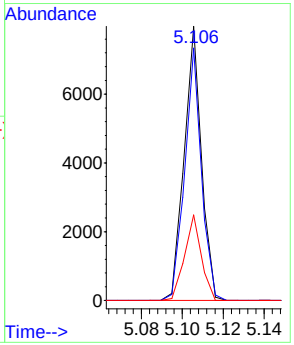


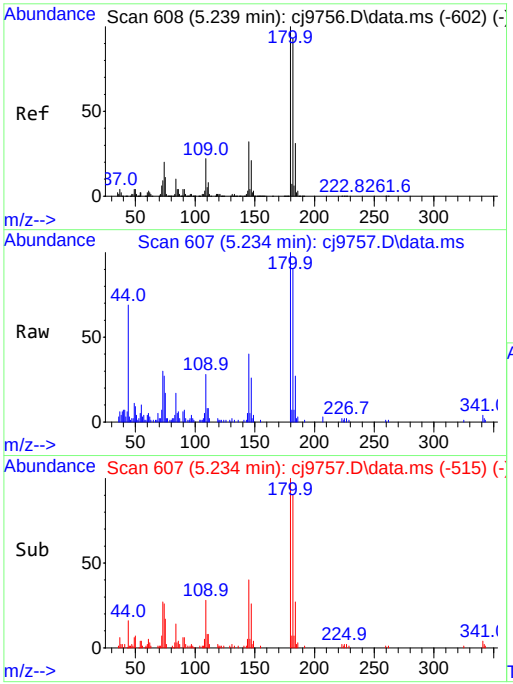


#36
1,2,4-Trichlorobenzene
Concen: 1.03 ppm
RT: 5.106 min Scan# 583
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:180 Resp: 4697

Ion	Ratio	Lower	Upper
180	100		
182	92.0	66.0	126.0
145	31.1	2.4	62.4

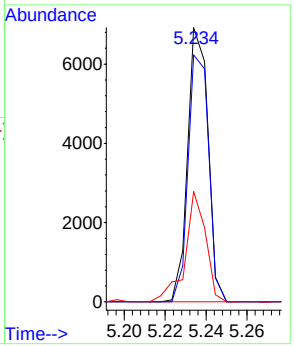


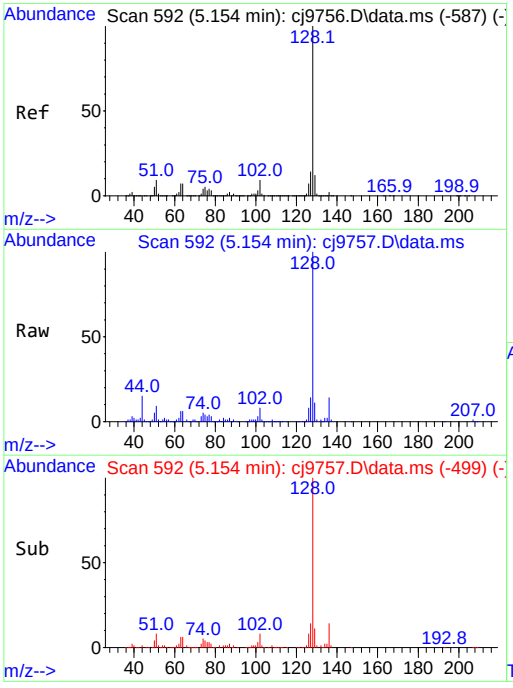


#37
1,2,3-Trichlorobenzene
Concen: 1.07 ppm
RT: 5.234 min Scan# 607
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:180 Resp: 4799

Ion	Ratio	Lower	Upper
180	100		
182	90.0	62.6	122.6
145	40.2	2.2	62.2

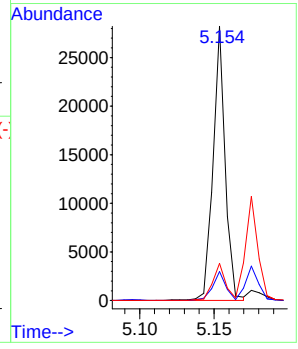


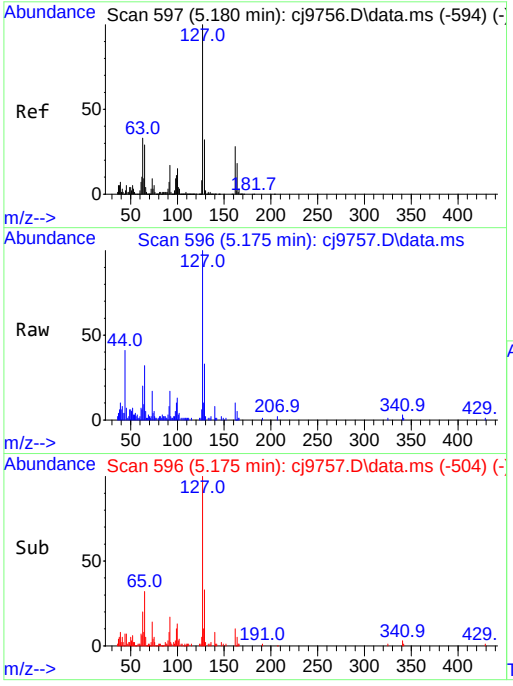


#38
Naphthalene
Concen: 1.06 ppm
RT: 5.154 min Scan# 592
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:128 Resp: 16011

Ion	Ratio	Lower	Upper
128	100		
129	8.3	0.0	41.0
127	6.7	0.0	42.0

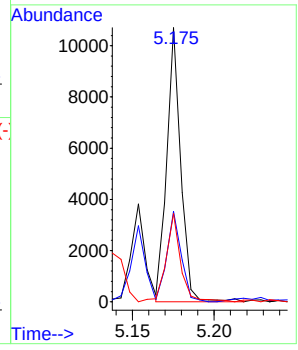


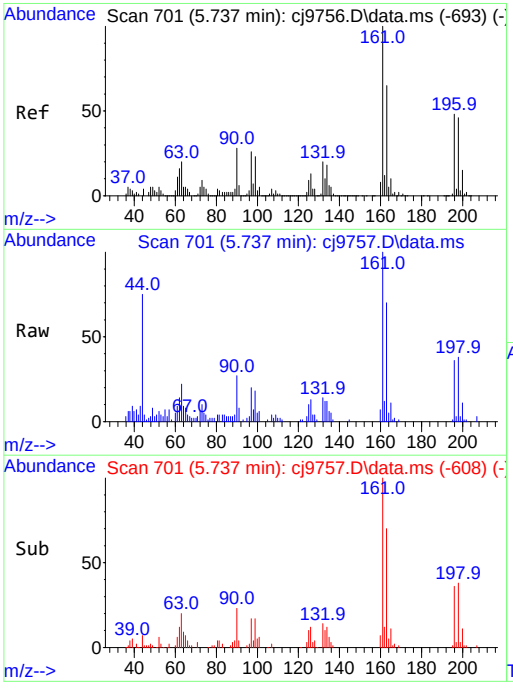


#39
4-Chloroaniline
Concen: 0.97 ppm
RT: 5.175 min Scan# 596
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:127 Resp: 6330

Ion	Ratio	Lower	Upper
127	100		
129	32.3	1.9	61.9
65	31.7	0.0	58.3

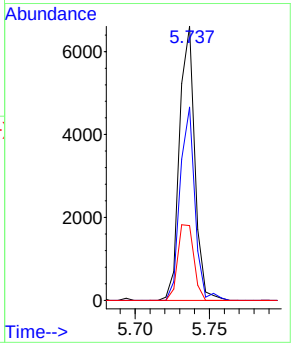


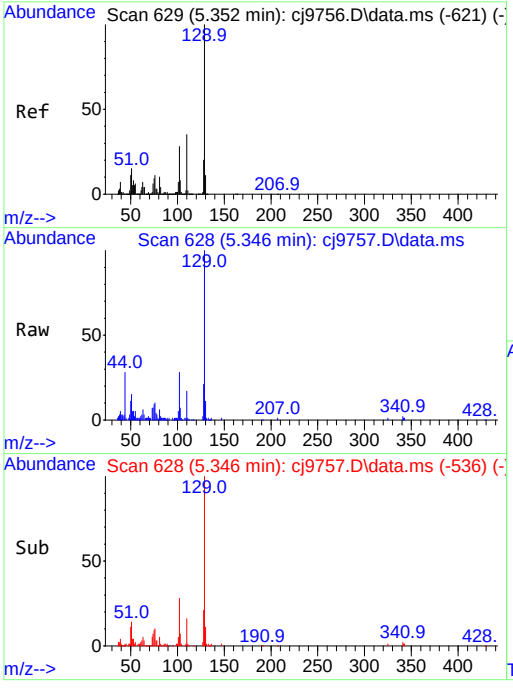


#40
2,3-Dichloroaniline
Concen: 0.95 ppm
RT: 5.737 min Scan# 701
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:161 Resp: 4722

Ion	Ratio	Lower	Upper
161	100		
163	70.5	34.9	94.9
90	27.4	0.0	57.9

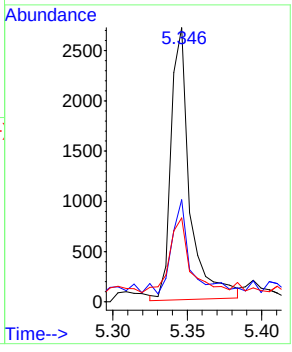


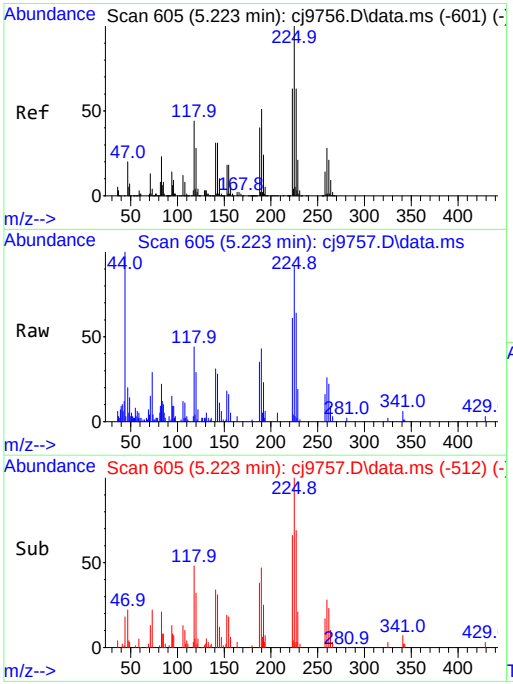


#41
Hydroquinone
Concen: 0.68 ppm
RT: 5.346 min Scan# 628
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:110 Resp: 2382

Ion	Ratio	Lower	Upper
110	100		
81	32.5	0.0	58.8
53	25.3	0.0	53.6

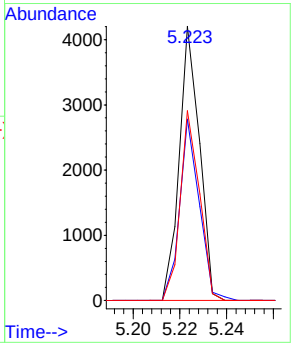


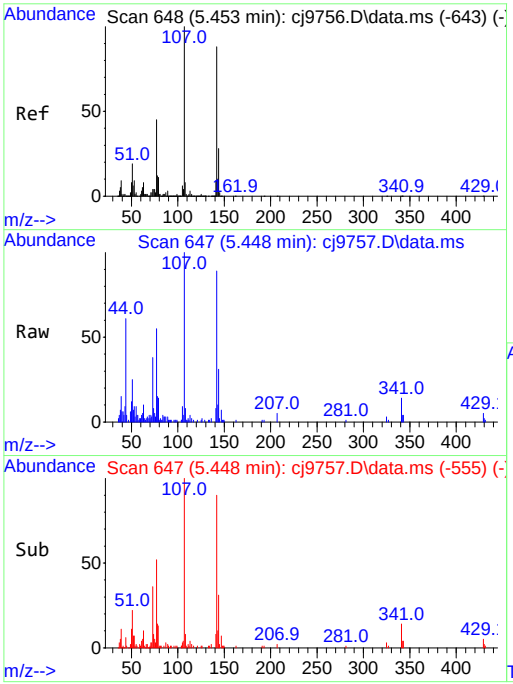


#42
Hexachlorobutadiene
Concen: 1.02 ppm
RT: 5.223 min Scan# 605
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:225 Resp: 2520

Ion	Ratio	Lower	Upper
225	100		
223	66.1	33.2	93.2
227	69.2	33.2	93.2

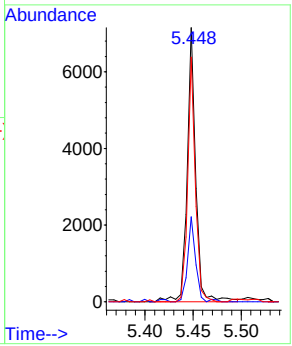


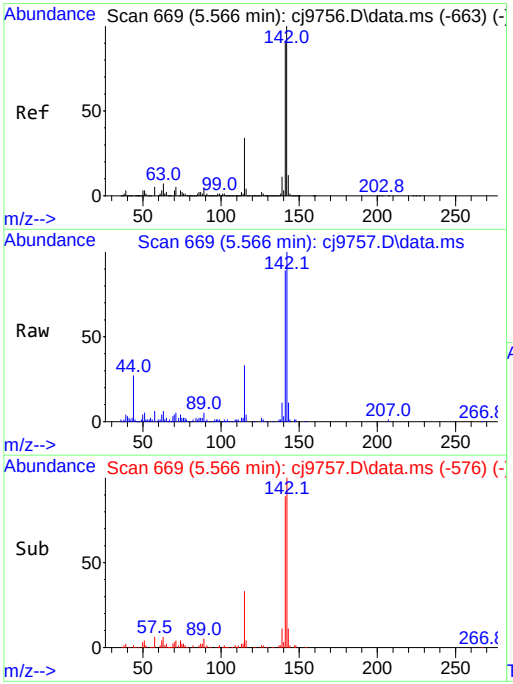


#43
4-Chloro-3-methylphenol
Concen: 0.99 ppm
RT: 5.448 min Scan# 647
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:107 Resp: 4482

Ion	Ratio	Lower	Upper
107	100		
144	31.1	0.0	58.3
142	88.7	58.1	118.1

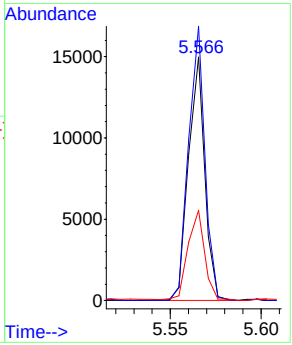


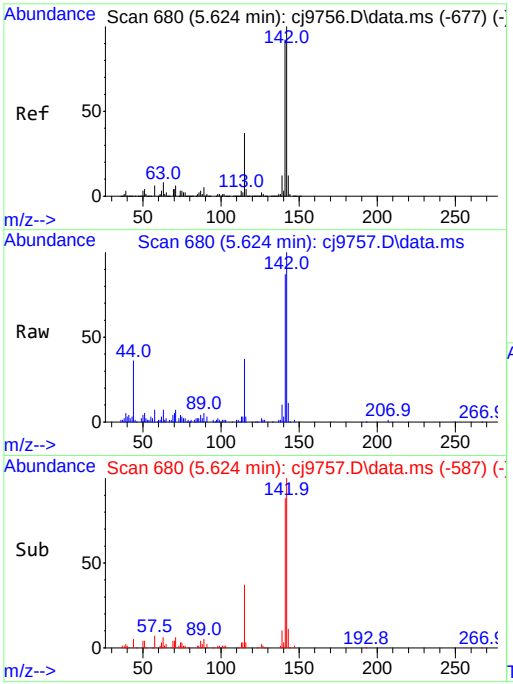


#44
2-Methylnaphthalene
Concen: 1.02 ppm
RT: 5.566 min Scan# 669
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:141 Resp: 9338

Ion	Ratio	Lower	Upper
141	100		
142	112.7	80.2	140.2
115	36.8	7.4	67.4

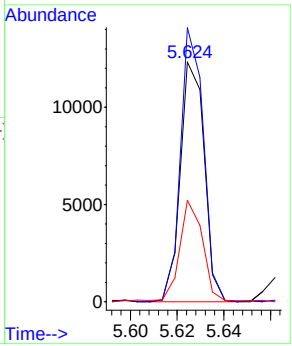


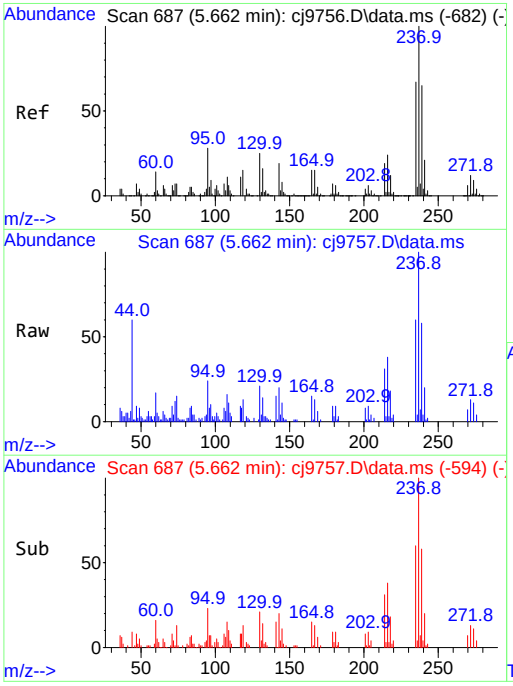


#45
1-Methylnaphthalene
Concen: 1.01 ppm
RT: 5.624 min Scan# 680
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:141 Resp: 8760

Ion	Ratio	Lower	Upper
141	100		
142	114.4	79.3	139.3
115	41.8	10.2	70.2

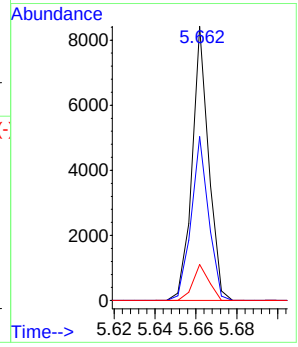


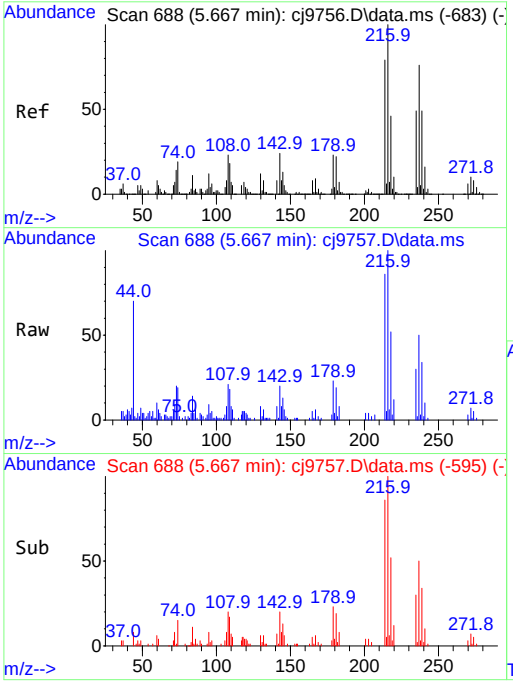


#47
Hexachlorocyclopentadiene
Concen: 1.91 ppm
RT: 5.662 min Scan# 687
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:237 Resp: 4760

Ion	Ratio	Lower	Upper
237	100		
235	59.8	37.2	97.2
272	13.1	0.0	41.7

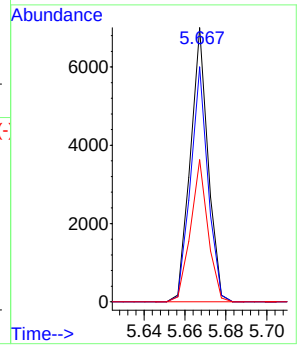


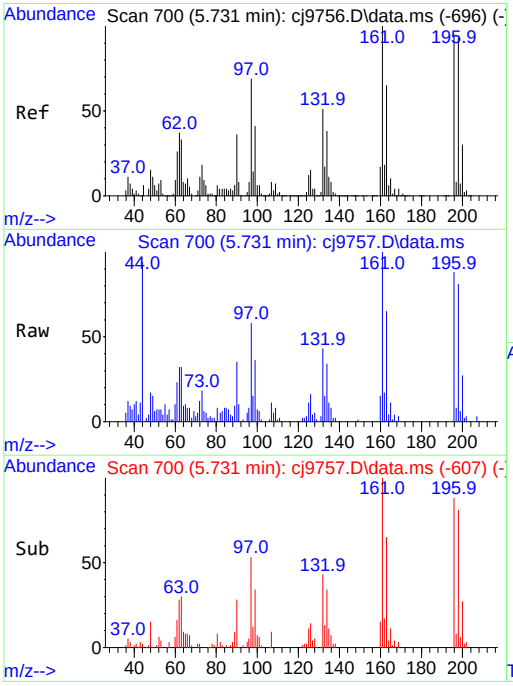


#48
1,2,4,5-tetrachlorobenzene
Concen: 0.97 ppm
RT: 5.667 min Scan# 688
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:216 Resp: 4240

Ion	Ratio	Lower	Upper
216	100		
214	84.1	62.8	94.2
218	50.7	37.3	55.9

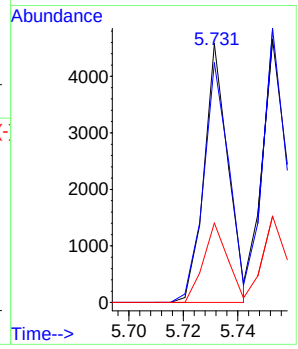


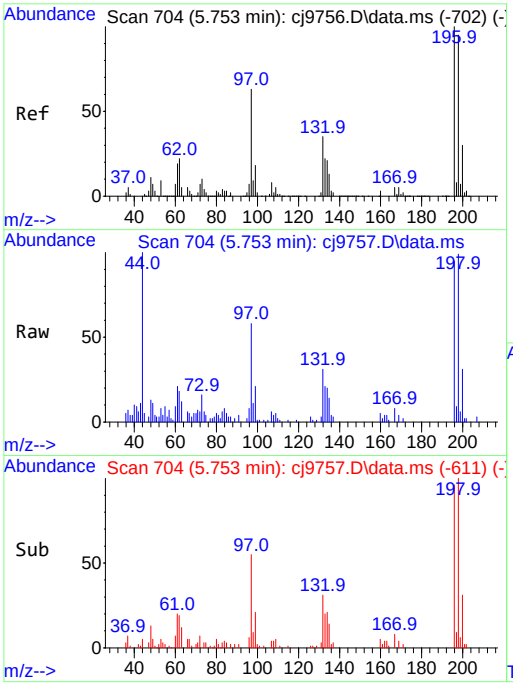


#49
2,4,6-Trichlorophenol
Concen: 0.94 ppm
RT: 5.731 min Scan# 700
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:196 Resp: 2808

Ion	Ratio	Lower	Upper
196	100		
198	92.8	67.2	127.2
200	31.0	0.8	60.8

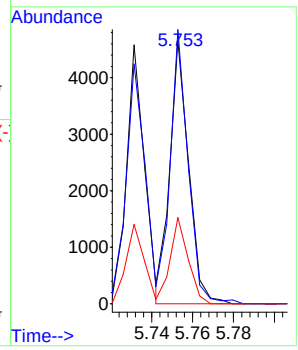


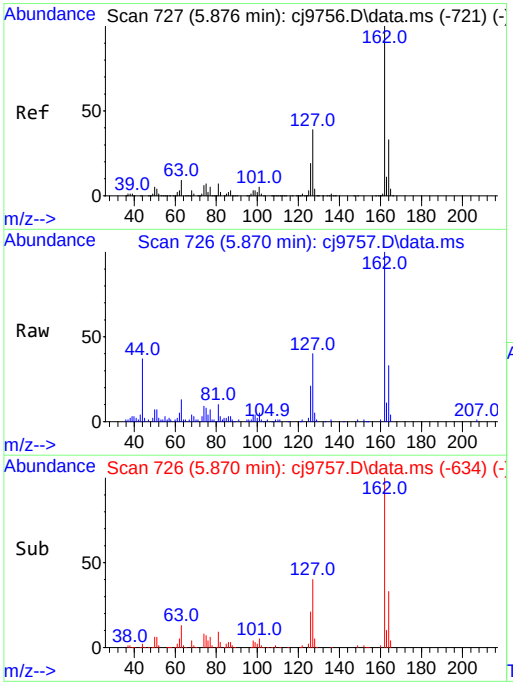


#50
2,4,5-Trichlorophenol
Concen: 0.91 ppm
RT: 5.753 min Scan# 704
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:196 Resp: 2974

Ion	Ratio	Lower	Upper
196	100		
198	104.7	65.1	125.1
200	33.2	0.0	60.0

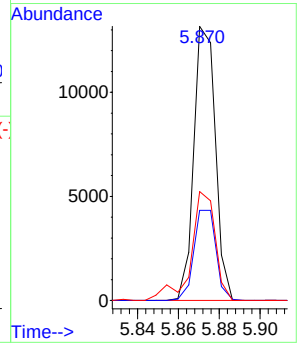


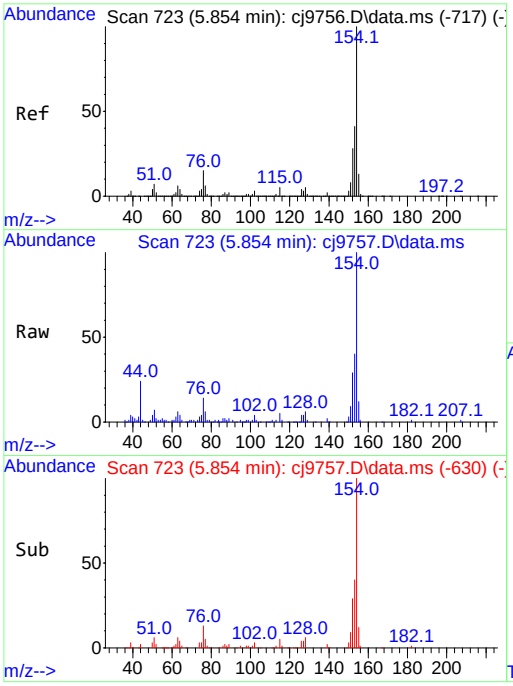


#52
2-Chloronaphthalene
Concen: 1.03 ppm
RT: 5.870 min Scan# 726
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:162 Resp: 9674

Ion	Ratio	Lower	Upper
162	100		
164	32.9	3.5	63.5
127	38.7	9.4	69.4

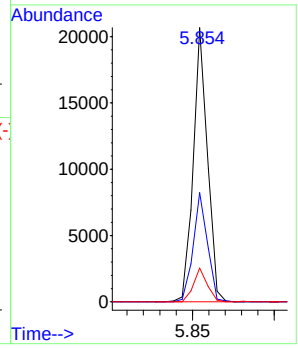


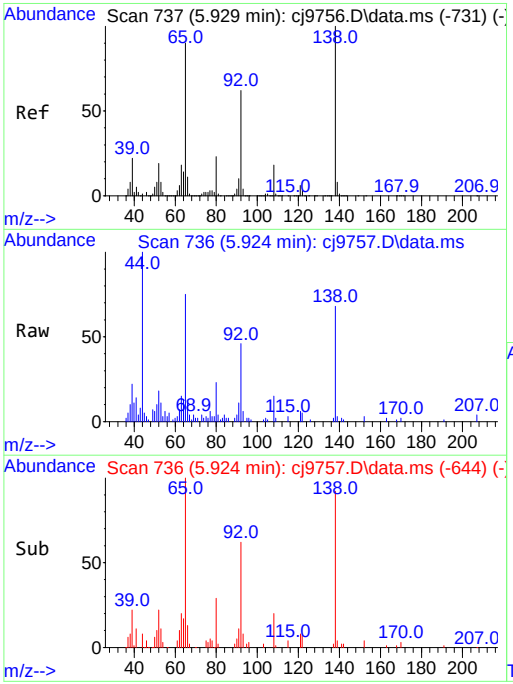


#53
Biphenyl
Concen: 1.04 ppm
RT: 5.854 min Scan# 723
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:154 Resp: 12513

Ion	Ratio	Lower	Upper
154	100		
153	39.8	11.4	71.4
155	12.2	0.0	43.2

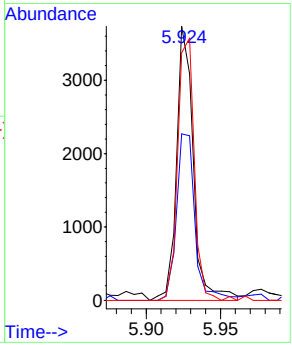


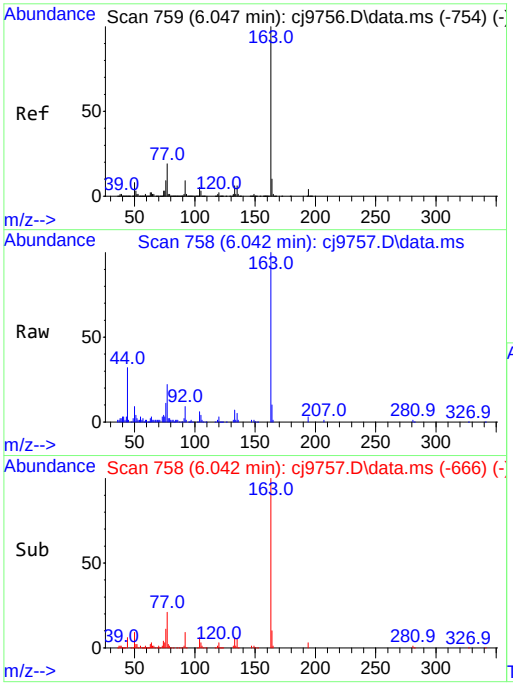


#54
2-Nitroaniline
Concen: 0.98 ppm
RT: 5.924 min Scan# 736
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 65 Resp: 2928

Ion	Ratio	Lower	Upper
65	100		
92	60.6	38.9	98.9
138	91.1	81.3	141.3

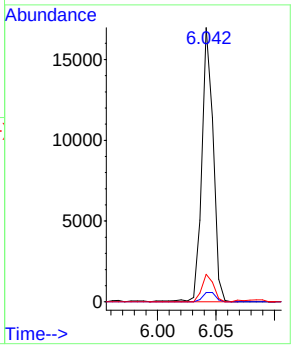


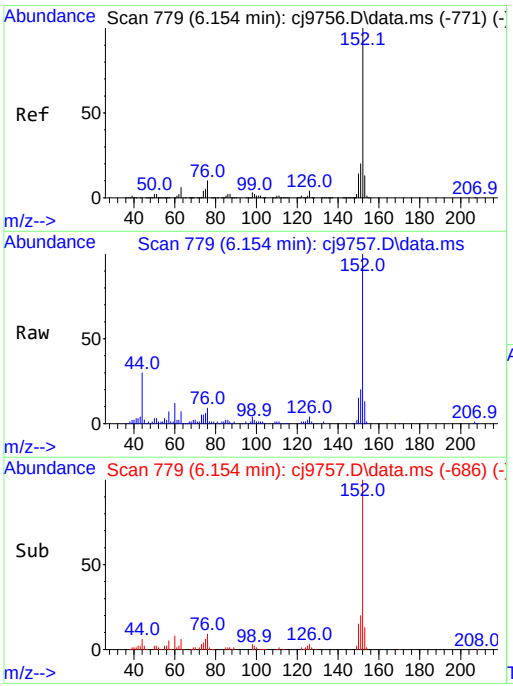


#55
Dimethylphthalate
Concen: 1.04 ppm
RT: 6.042 min Scan# 758
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:163 Resp: 11429

Ion	Ratio	Lower	Upper
163	100		
194	3.4	0.0	34.1
164	9.7	0.0	40.2

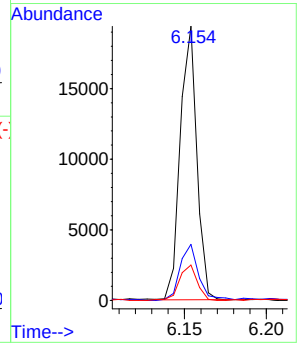


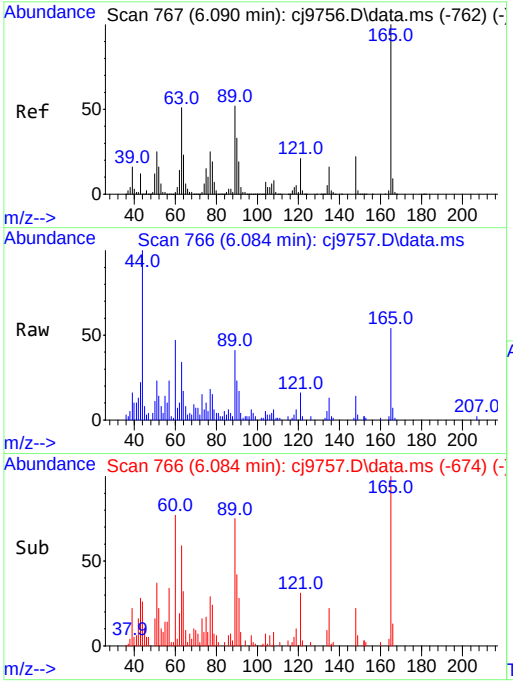


#56
Acenaphthylene
Concen: 1.00 ppm
RT: 6.154 min Scan# 779
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:152 Resp: 13711

Ion	Ratio	Lower	Upper
152	100		
151	20.1	0.0	50.2
153	12.8	0.0	43.2

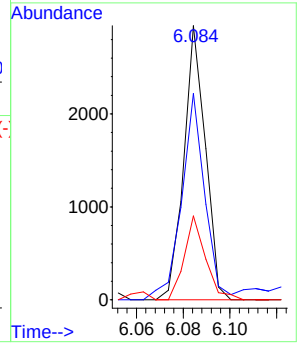


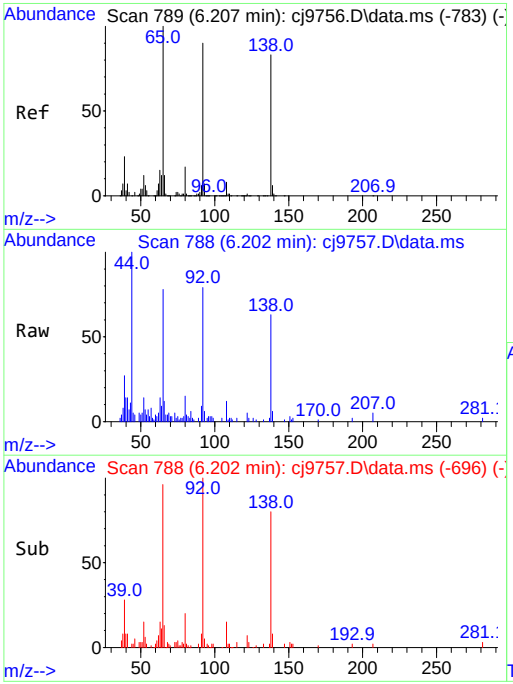


#57
2,6-Dinitrotoluene
Concen: 0.78 ppm
RT: 6.084 min Scan# 766
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:165 Resp: 1884

Ion	Ratio	Lower	Upper
165	100		
89	71.6	21.5	81.5
121	30.6	0.0	50.9

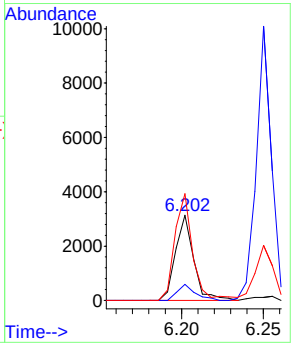


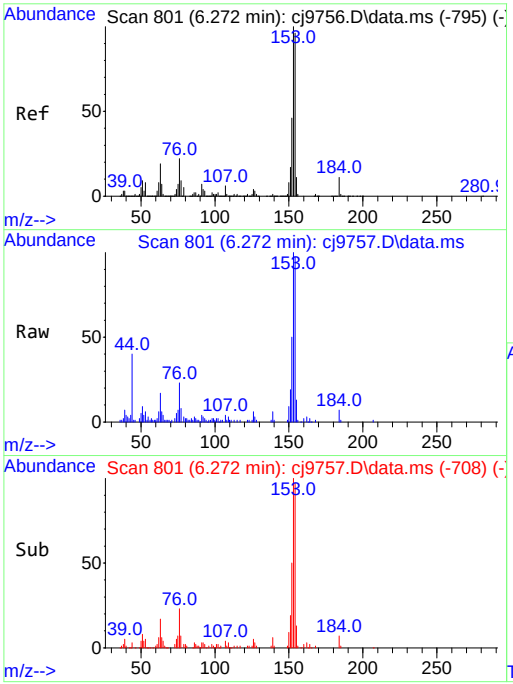


#58
3-Nitroaniline
Concen: 0.85 ppm
RT: 6.202 min Scan# 788
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:138 Resp: 2422

Ion	Ratio	Lower	Upper
138	100		
108	17.7	0.0	39.2
92	123.6	78.1	138.1

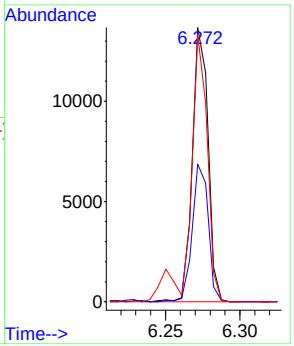


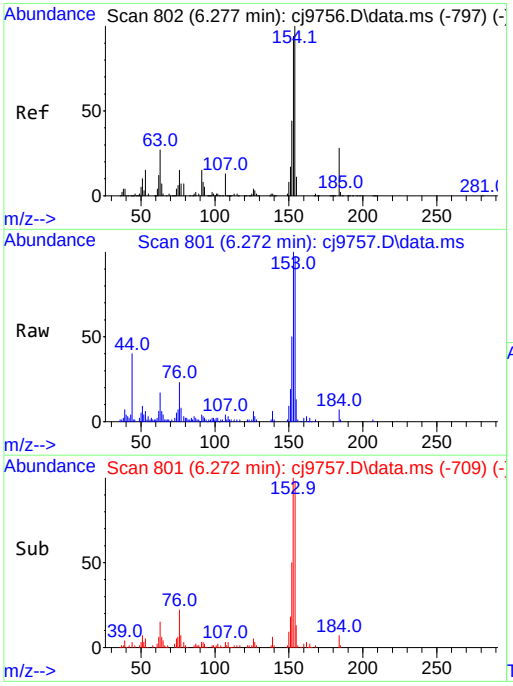


#59
Acenaphthene
Concen: 1.02 ppm
RT: 6.272 min Scan# 801
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:153 Resp: 10049

Ion	Ratio	Lower	Upper
153	100		
152	50.3	16.3	76.3
154	97.0	65.5	125.5

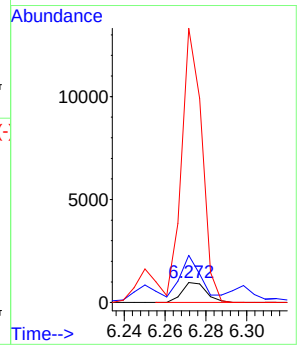


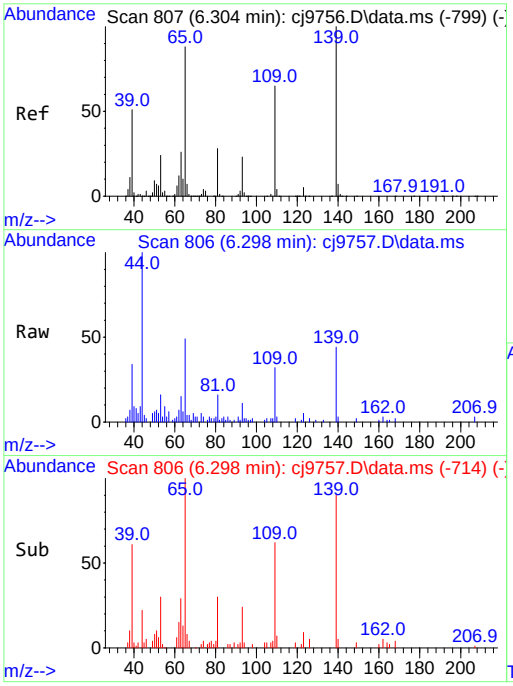


#60
2,4-Dinitrophenol
Concen: 0.60 ppm
RT: 6.272 min Scan# 801
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:184 Resp: 803

Ion	Ratio	Lower	Upper
184	100		
63	166.5	66.5	126.5#
154	1326.8	333.5	393.5#

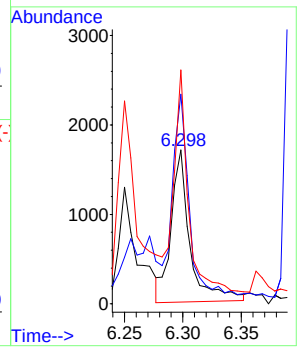


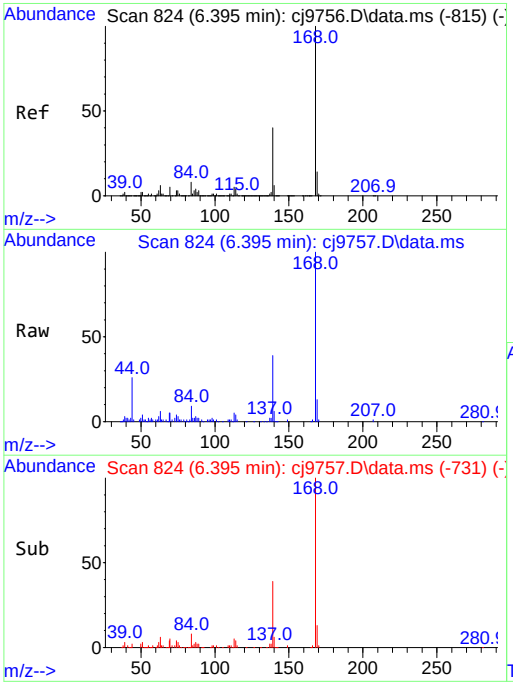


#61
4-Nitrophenol
Concen: 1.21 ppm
RT: 6.298 min Scan# 806
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:109 Resp: 1904

Ion	Ratio	Lower	Upper
109	100		
139	134.9	125.2	185.2
65	149.4	105.7	165.7

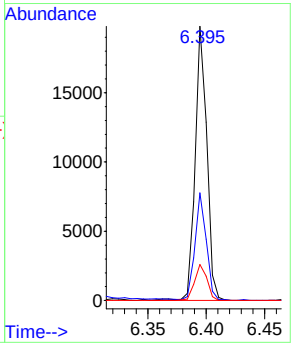


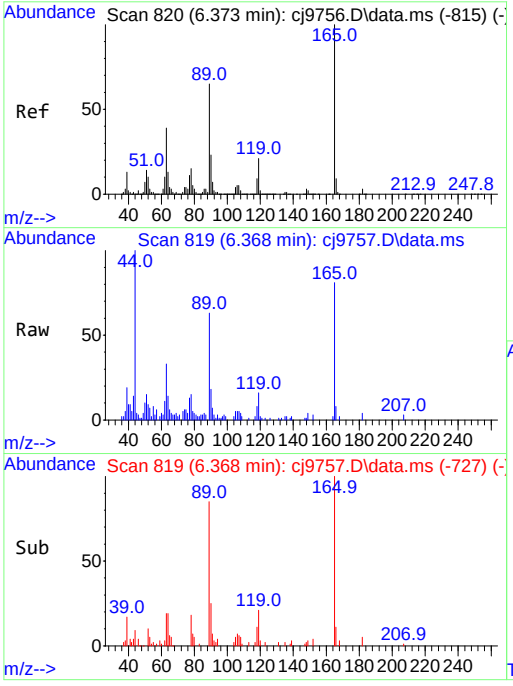


#62
Dibenzofuran
Concen: 1.05 ppm
RT: 6.395 min Scan# 824
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:168 Resp: 13741

Ion	Ratio	Lower	Upper
168	100		
139	39.0	10.5	70.5
169	13.1	0.0	43.5

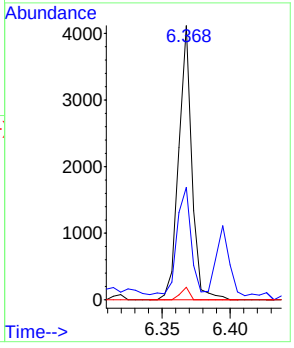


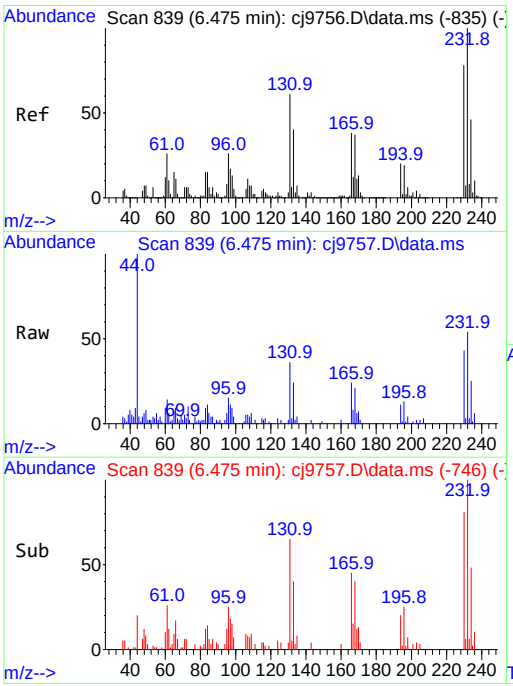


#63
2,4-Dinitrotoluene
Concen: 0.83 ppm
RT: 6.368 min Scan# 819
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:165 Resp: 2762

Ion	Ratio	Lower	Upper
165	100		
63	38.6	9.3	69.3
182	4.6	0.0	33.1

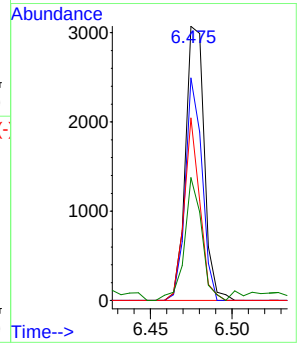


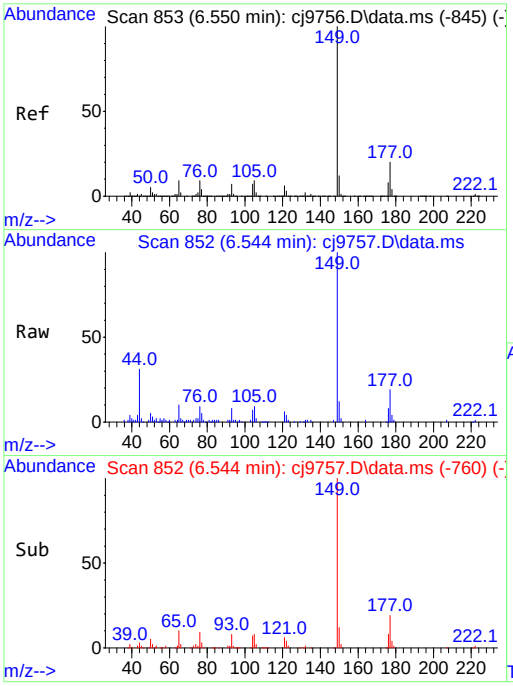


#64
2,3,4,6-Tetrachlorophenol
Concen: 0.98 ppm
RT: 6.475 min Scan# 839
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:232 Resp: 2467

Ion	Ratio	Lower	Upper
232	100		
230	81.1	48.2	108.2
131	66.5	30.7	90.7
133	43.9	9.7	69.7

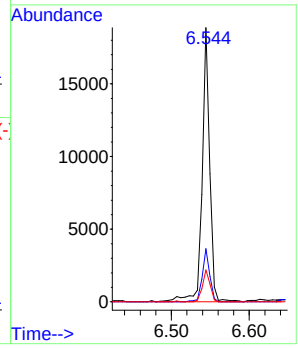


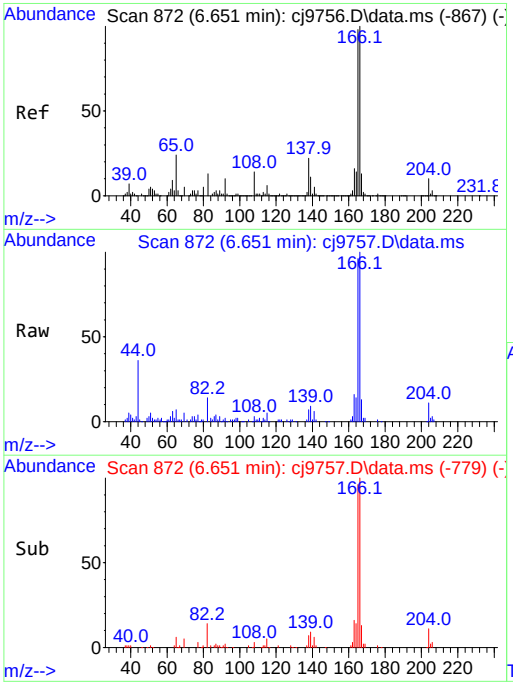


#65
Diethylphthalate
Concen: 1.11 ppm
RT: 6.544 min Scan# 852
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:149 Resp: 12723

Ion	Ratio	Lower	Upper
149	100		
177	19.4	0.0	50.1
150	11.7	0.0	42.3

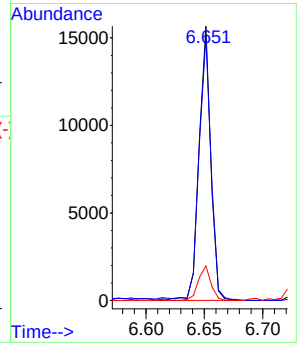


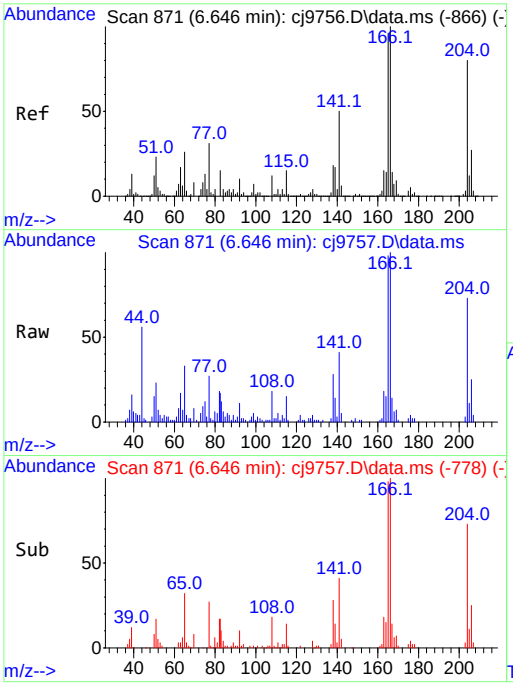


#66
Fluorene
Concen: 1.04 ppm
RT: 6.651 min Scan# 872
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:166 Resp: 10906

Ion	Ratio	Lower	Upper
166	100		
165	95.8	68.3	128.3
167	12.6	0.0	43.4

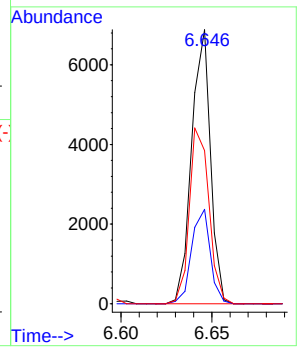


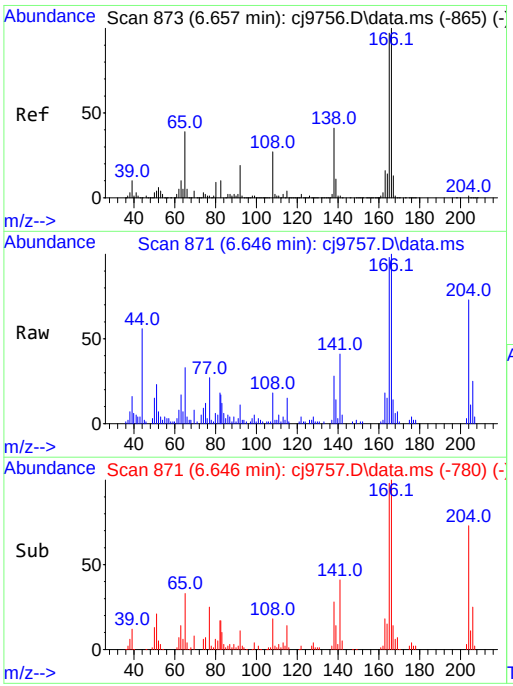


#67
4-Chlorophenyl-phenylether
Concen: 1.04 ppm
RT: 6.646 min Scan# 871
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:204 Resp: 4953

Ion	Ratio	Lower	Upper
204	100		
206	34.5	4.0	64.0
141	55.9	33.0	93.0

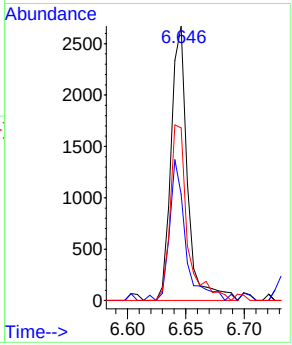


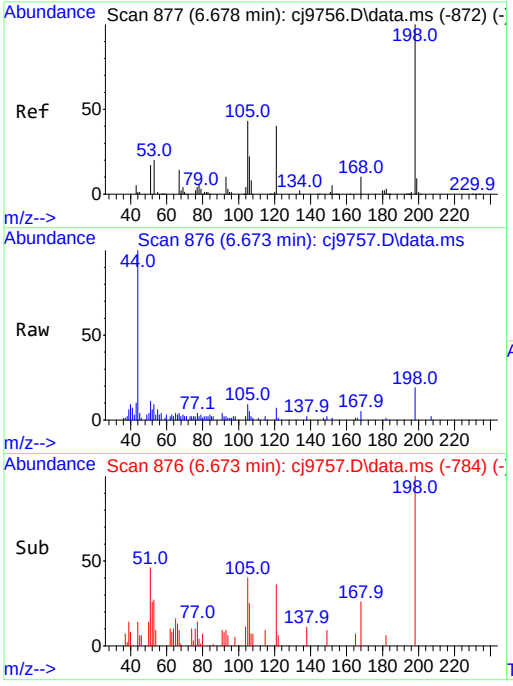


#68
4-Nitroaniline
Concen: 0.88 ppm
RT: 6.646 min Scan# 871
Delta R.T. -0.011 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:138 Resp: 2615

Ion	Ratio	Lower	Upper
138	100		
92	37.8	15.3	75.3
108	61.8	36.8	96.8

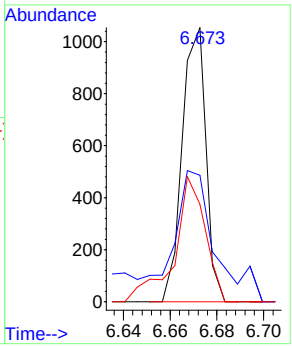


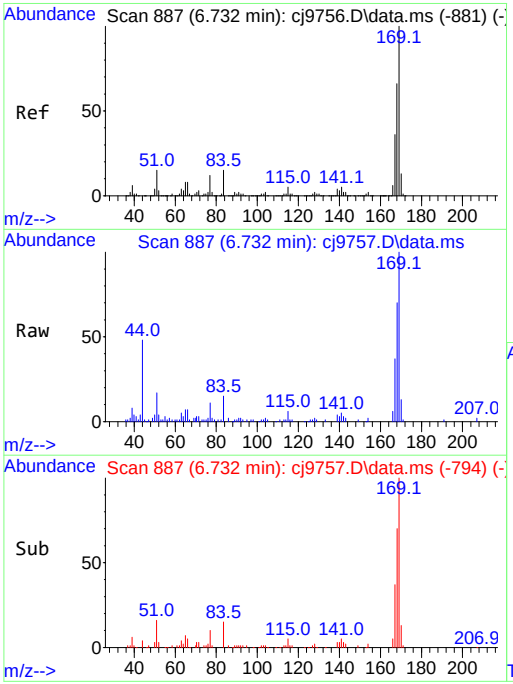


#70
4,6-Dinitro-2-methylphenol
Concen: 0.43 ppm
RT: 6.673 min Scan# 876
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:198 Resp: 742

Ion	Ratio	Lower	Upper
198	100		
105	38.1	0.0	30.0#
121	31.5	10.0	70.0

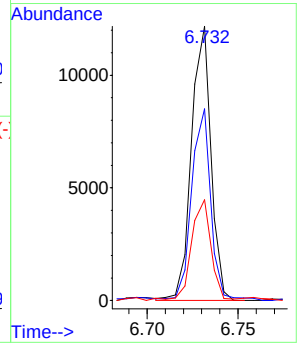


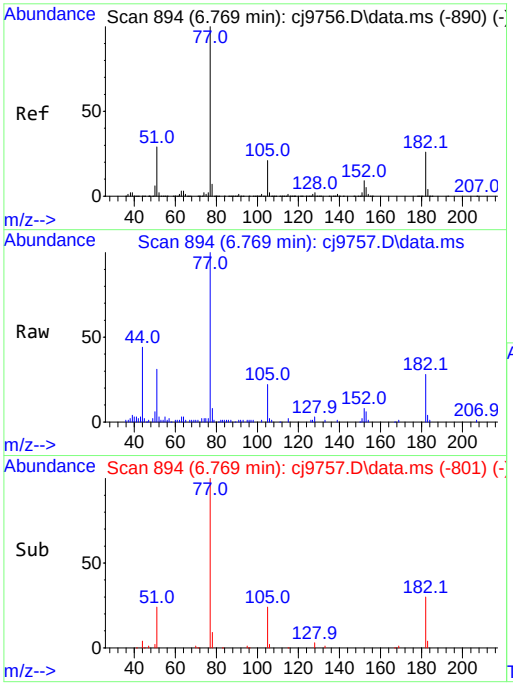


#71
n-Nitrosodiphenylamine
Concen: 0.99 ppm
RT: 6.732 min Scan# 887
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:169 Resp: 9060

Ion	Ratio	Lower	Upper
169	100		
168	69.3	36.0	96.0
167	36.1	5.9	65.9

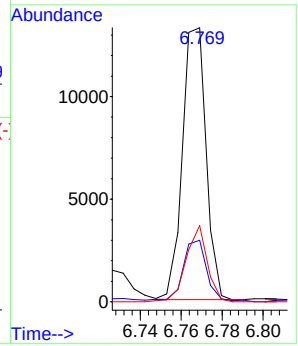


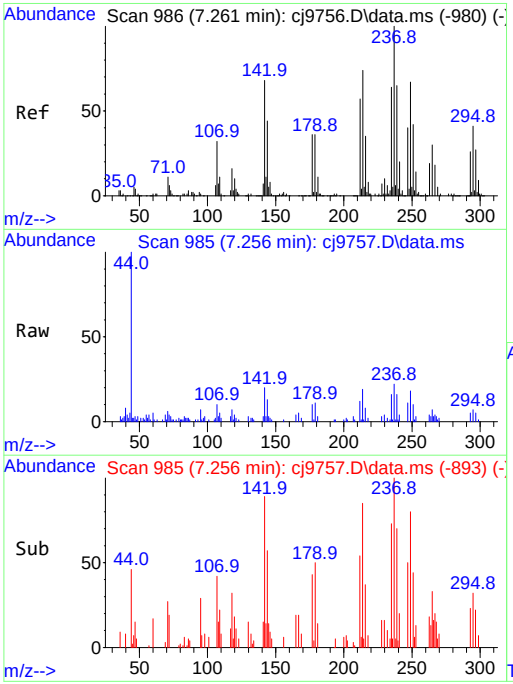


#72
1,2-Diphenylhydrazine
Concen: 0.97 ppm
RT: 6.769 min Scan# 894
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 77 Resp: 10717

Ion	Ratio	Lower	Upper
77	100		
105	21.9	0.0	51.2
182	27.9	0.0	55.7

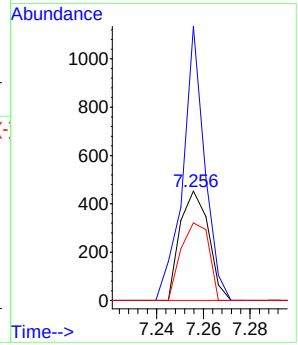


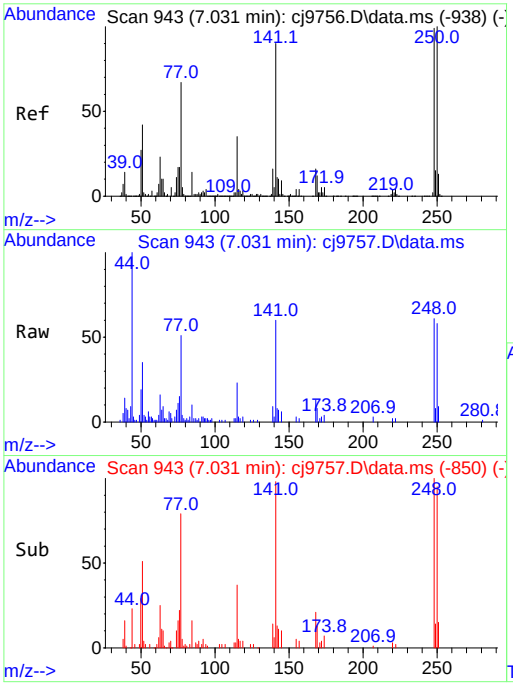


#73
pentachloronitrobenzene
Concen: 0.80 ppm
RT: 7.256 min Scan# 985
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:295 Resp: 384

Ion	Ratio	Lower	Upper
295	100		
249	191.7	132.3	198.5
297	69.3	50.6	75.8

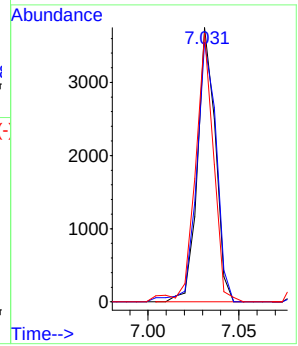


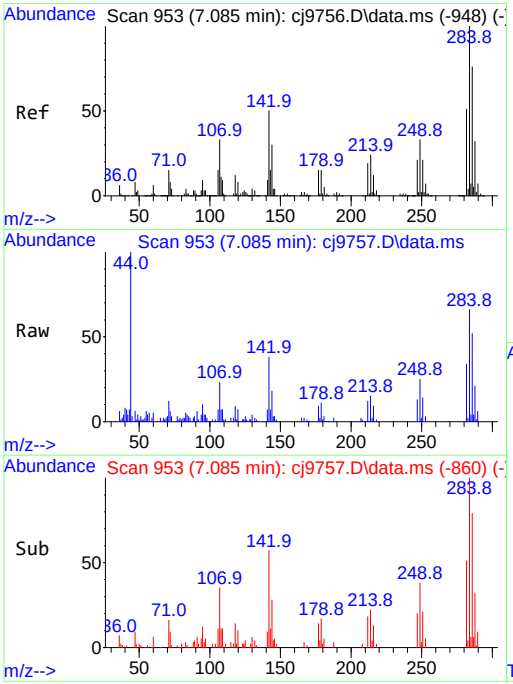


#75
4-Bromophenyl-phenylether
Concen: 0.97 ppm
RT: 7.031 min Scan# 943
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:248 Resp: 2554

Ion	Ratio	Lower	Upper
248	100		
250	93.8	71.3	131.3
141	96.8	61.3	121.3

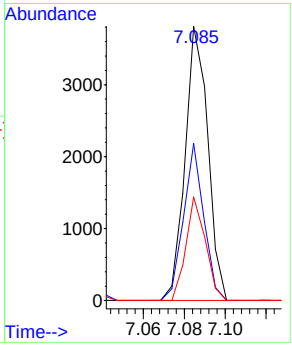


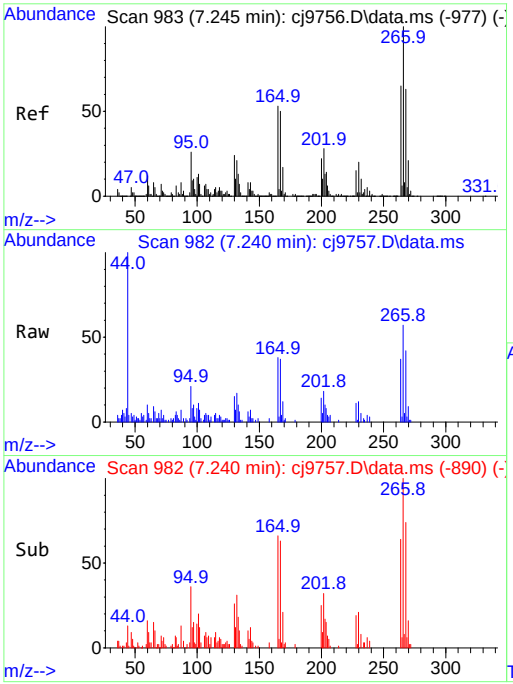


#76
Hexachlorobenzene
Concen: 1.06 ppm
RT: 7.085 min Scan# 953
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:284 Resp: 2950

Ion	Ratio	Lower	Upper
284	100		
142	57.3	20.3	80.3
249	37.7	3.5	63.5

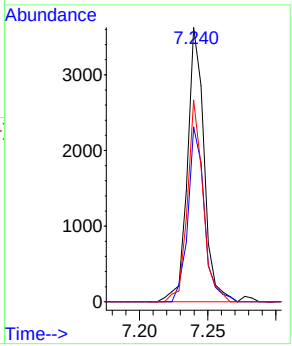


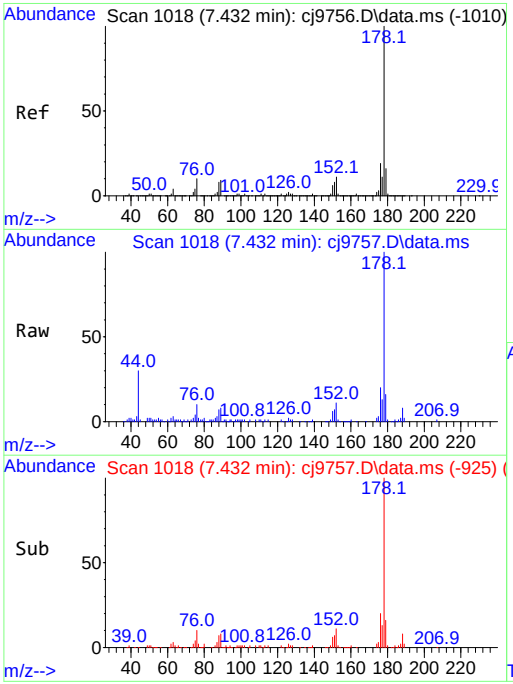


#77
Pentachlorophenol
Concen: 1.50 ppm
RT: 7.240 min Scan# 982
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:266 Resp: 3063

Ion	Ratio	Lower	Upper
266	100		
264	63.7	35.3	95.3
268	73.5	33.4	93.4

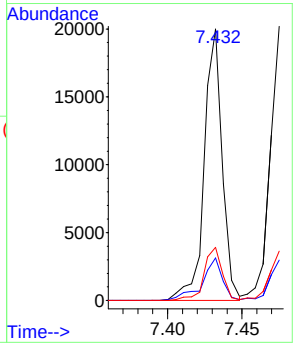


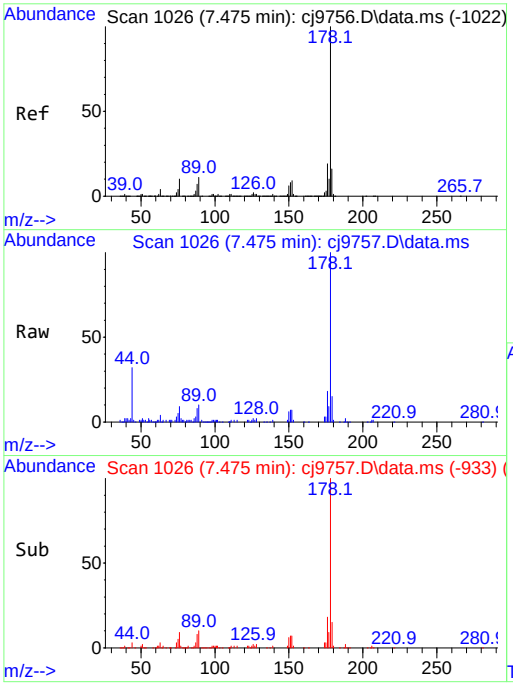


#78
Phenanthrene
Concen: 1.11 ppm
RT: 7.432 min Scan# 1018
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:178 Resp: 16805

Ion	Ratio	Lower	Upper
178	100		
179	15.6	0.0	45.6
176	19.5	0.0	49.4

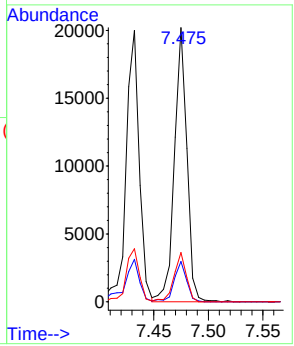


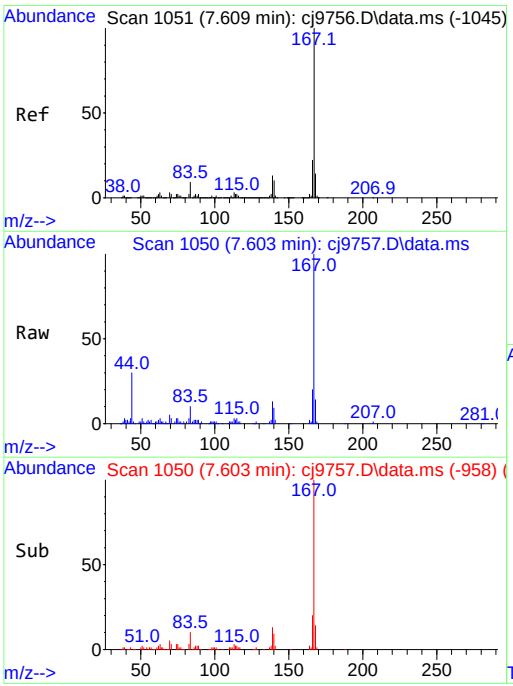


#79
Anthracene
Concen: 1.05 ppm
RT: 7.475 min Scan# 1026
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:178 Resp: 16105

Ion	Ratio	Lower	Upper
178	100		
179	14.7	0.0	45.9
176	18.0	0.0	48.6

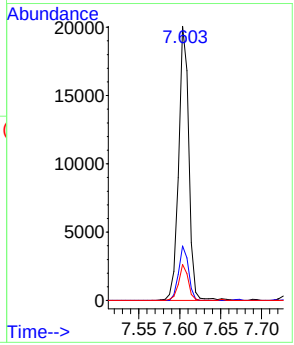


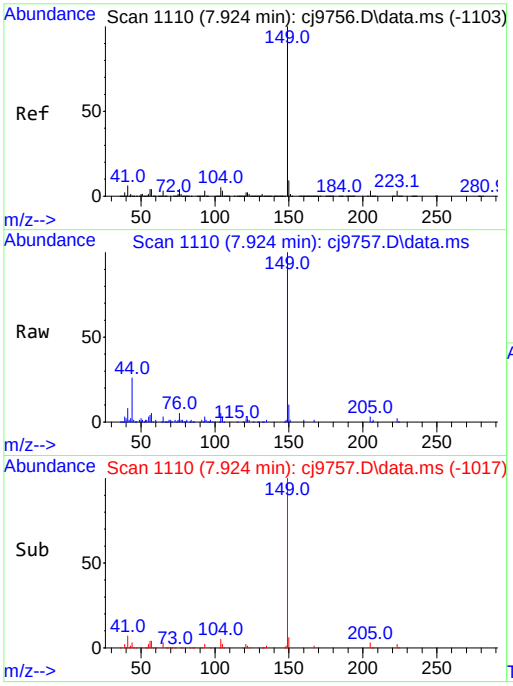


#80
Carbazole
Concen: 1.18 ppm
RT: 7.603 min Scan# 1050
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:167 Resp: 17439

Ion	Ratio	Lower	Upper
167	100		
166	19.6	0.0	51.6
139	13.2	0.0	43.1

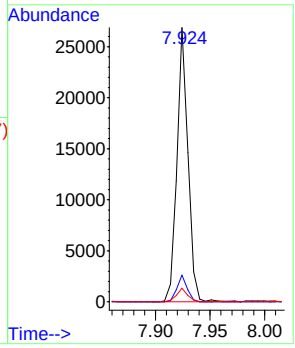


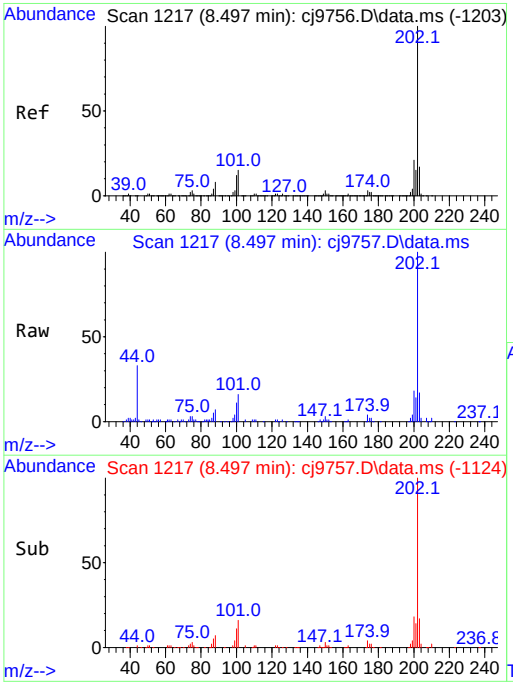


#81
Di-n-butylphthalate
Concen: 0.96 ppm
RT: 7.924 min Scan# 1110
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:149 Resp: 18922

Ion	Ratio	Lower	Upper
149	100		
150	9.7	0.0	39.2
104	5.0	0.0	34.6

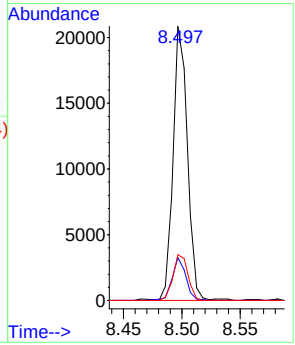


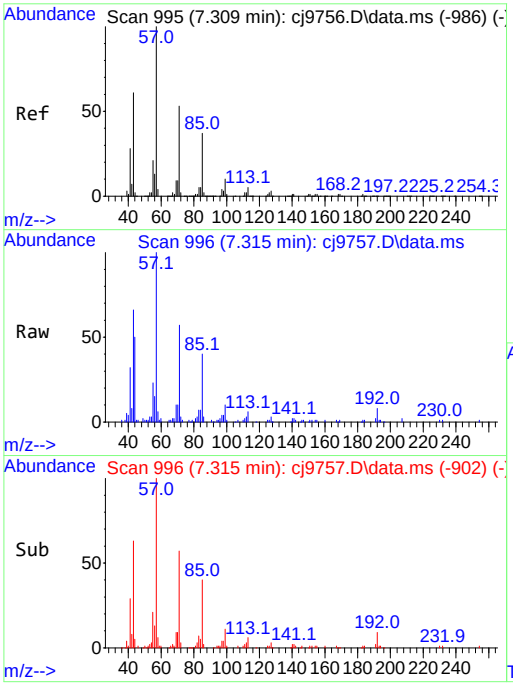


#82
Fluoranthene
Concen: 1.09 ppm
RT: 8.497 min Scan# 1217
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:202 Resp: 17806

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	45.3
203	16.7	0.0	47.3

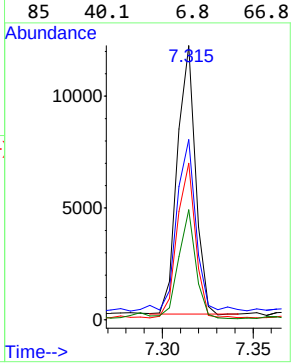


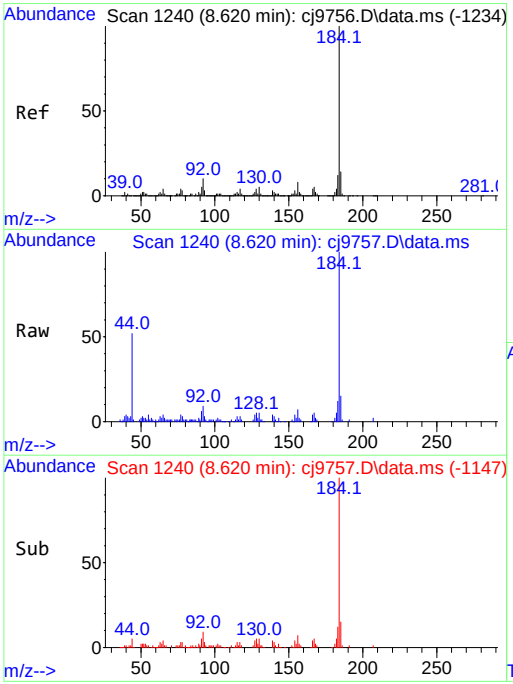


#83
Octadecane
Concen: 0.93 ppm
RT: 7.315 min Scan# 996
Delta R.T. 0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion: 57 Resp: 8342

Ion	Ratio	Lower	Upper
57	100		
43	62.6	31.1	91.1
71	57.6	23.7	83.7
85	40.1	6.8	66.8

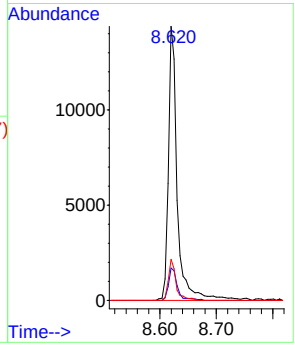


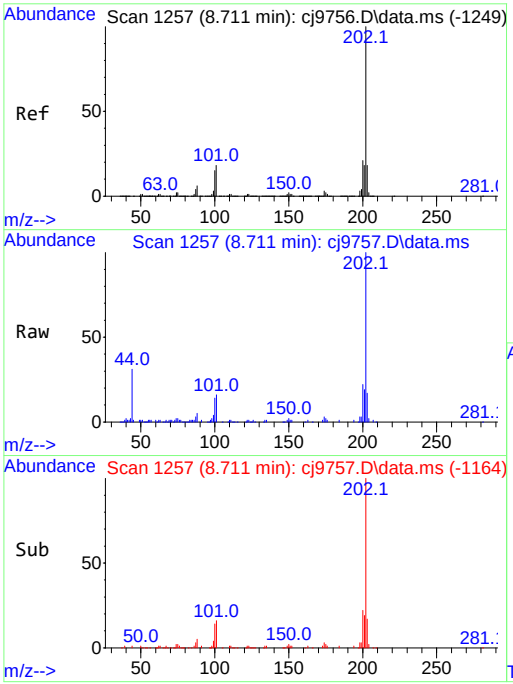


#85
benzidine
Concen: 1.73 ppm
RT: 8.620 min Scan# 1240
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:184 Resp: 15700

Ion	Ratio	Lower	Upper
184	100		
183	11.9	9.5	14.3
185	13.1	11.0	16.4

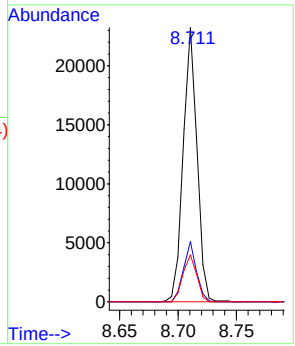


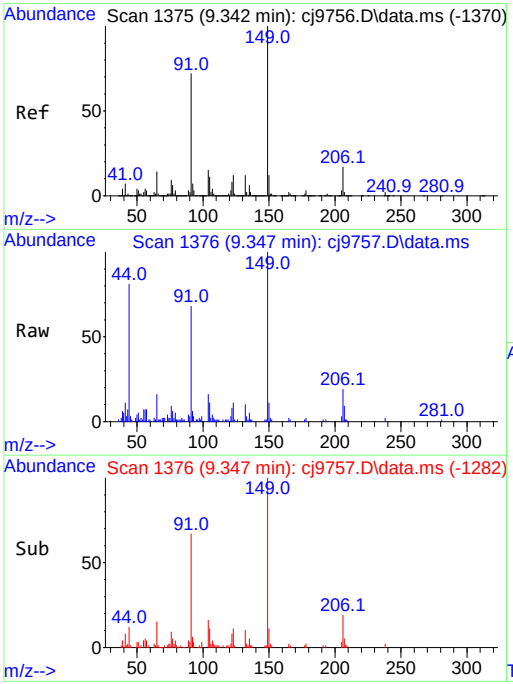


#86
Pyrene
Concen: 1.18 ppm
RT: 8.711 min Scan# 1257
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:202 Resp: 19116

Ion	Ratio	Lower	Upper
202	100		
200	21.9	0.0	51.1
203	17.1	0.0	47.7

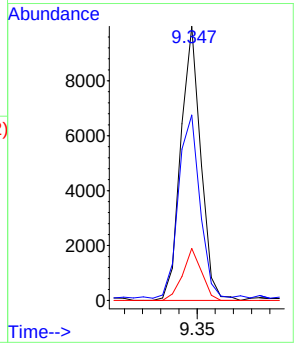


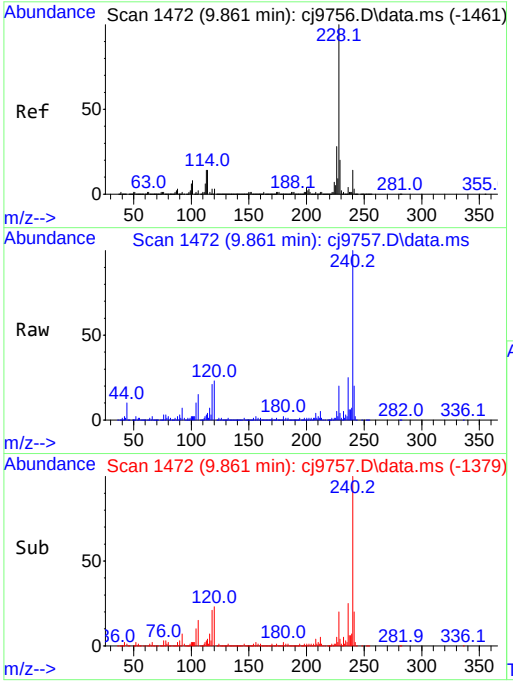


#88
Butylbenzylphthalate
Concen: 0.89 ppm
RT: 9.347 min Scan# 1376
Delta R.T. 0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:149 Resp: 7605

Ion	Ratio	Lower	Upper
149	100		
91	66.4	41.7	101.7
206	19.0	0.0	47.1

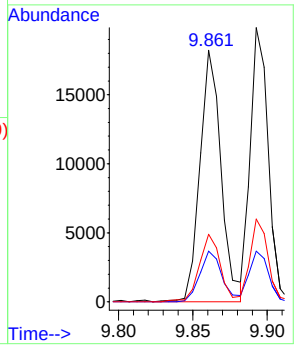


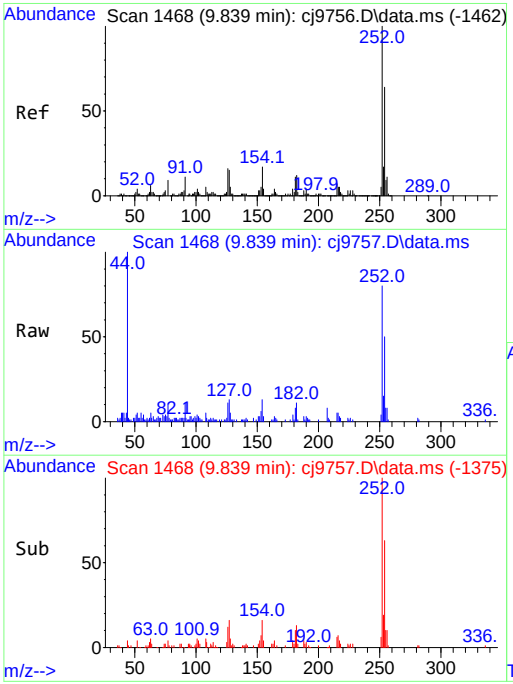


#89
Benzo[a]anthracene
Concen: 1.21 ppm
RT: 9.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:228 Resp: 18071

Ion	Ratio	Lower	Upper
228	100		
229	19.6	0.0	50.0
226	26.9	0.0	57.8

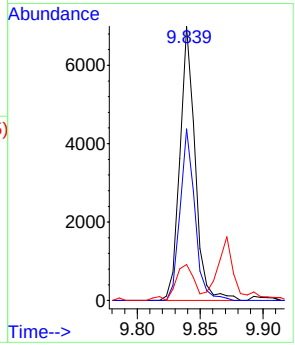


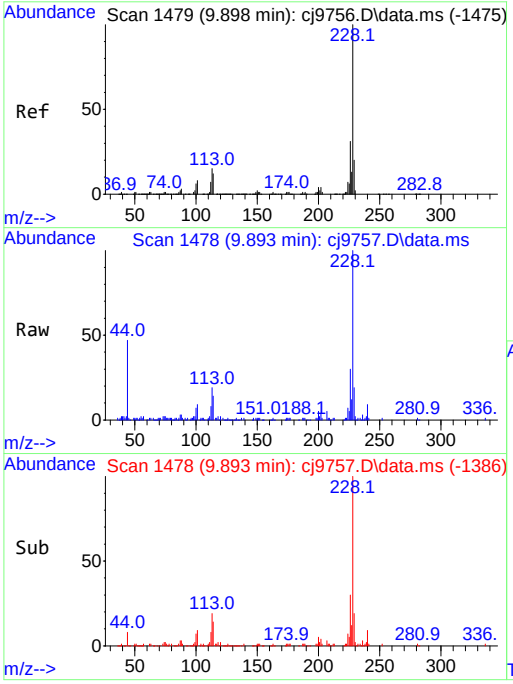


#90
3,3'-Dichlorobenzidine
Concen: 1.01 ppm
RT: 9.839 min Scan# 1468
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:252 Resp: 5863

Ion	Ratio	Lower	Upper
252	100		
254	62.5	34.1	94.1
126	11.4	0.0	45.7

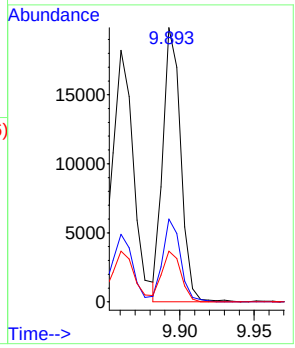


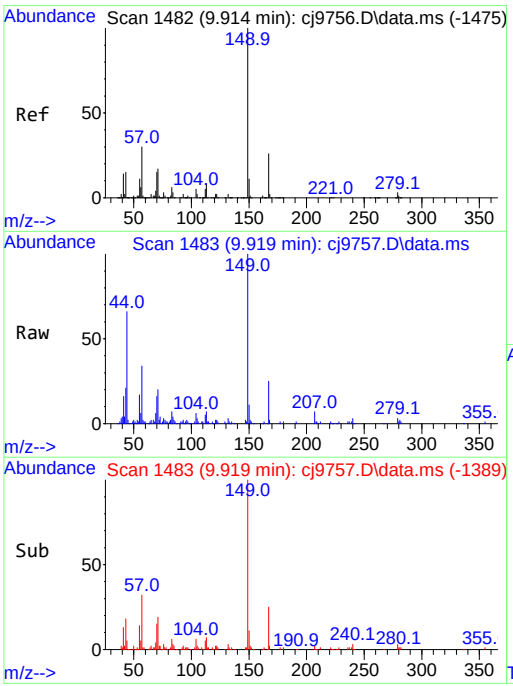


#91
Chrysene
Concen: 1.19 ppm
RT: 9.893 min Scan# 1478
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:228 Resp: 16732

Ion	Ratio	Lower	Upper
228	100		
226	30.3	0.6	60.6
229	18.0	0.0	49.9

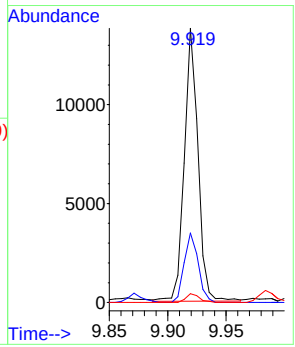


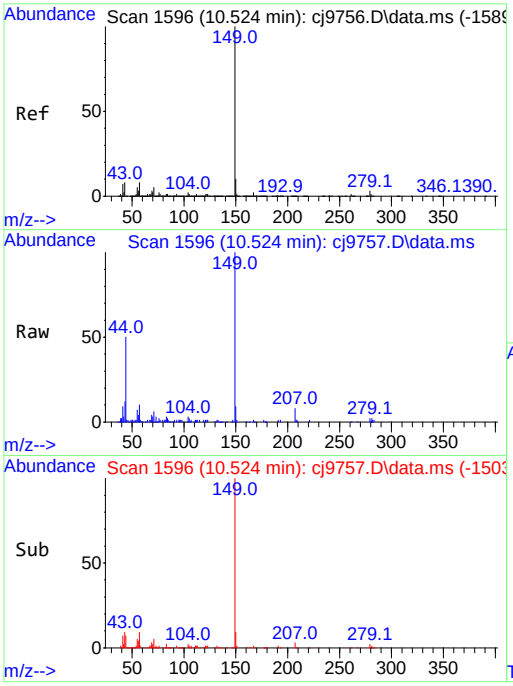


#92
bis(2-Ethylhexyl)phthalate
Concen: 0.89 ppm
RT: 9.919 min Scan# 1483
Delta R.T. 0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:149 Resp: 11223

Ion	Ratio	Lower	Upper
149	100		
167	25.3	0.0	56.1
279	3.3	0.0	33.1

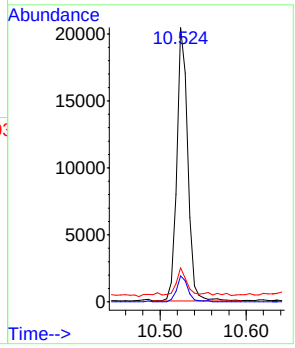


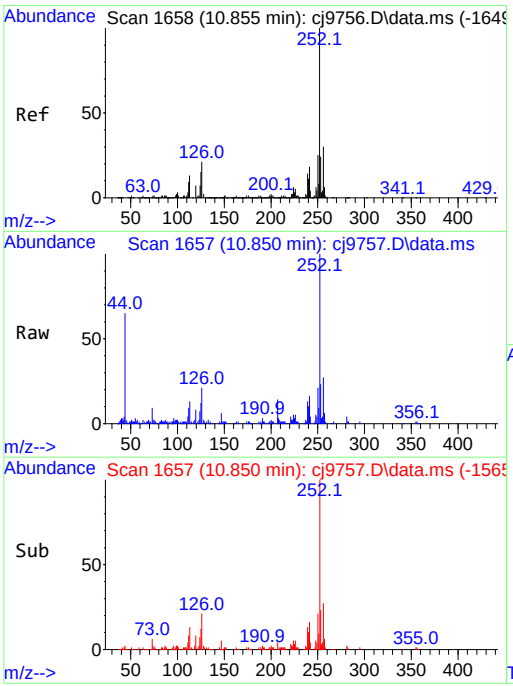


#94
Di-n-octylphthalate
Concen: 0.81 ppm
RT: 10.524 min Scan# 1596
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:149 Resp: 17889

Ion	Ratio	Lower	Upper
149	100		
150	9.5	0.0	39.6
43	9.9	0.0	38.2

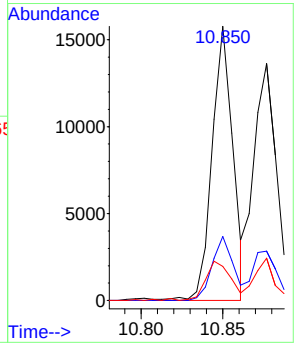


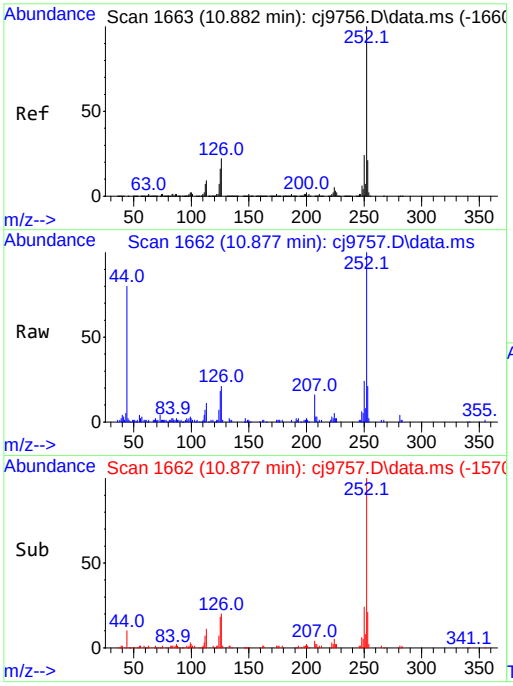


#95
Benzo[b]fluoranthene
Concen: 0.95 ppm
RT: 10.850 min Scan# 1657
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:252 Resp: 13897

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	54.1
125	12.2	0.0	45.5

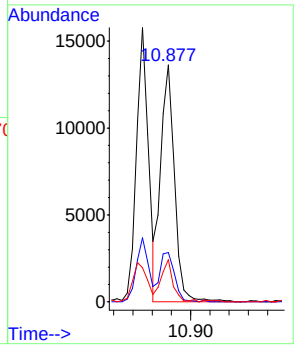


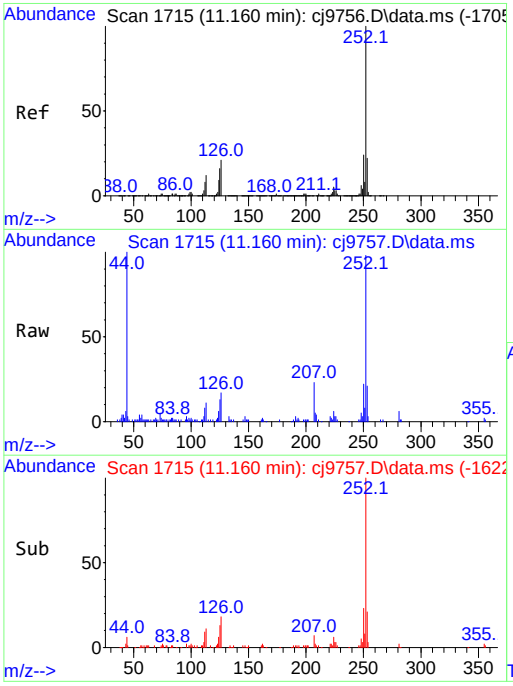


#96
Benzo[k]fluoranthene
Concen: 1.01 ppm
RT: 10.877 min Scan# 1662
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:252 Resp: 13615

Ion	Ratio	Lower	Upper
252	100		
253	20.2	0.0	51.4
125	18.7	0.0	45.5

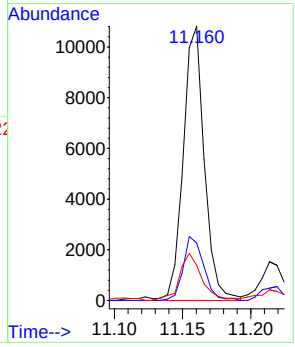


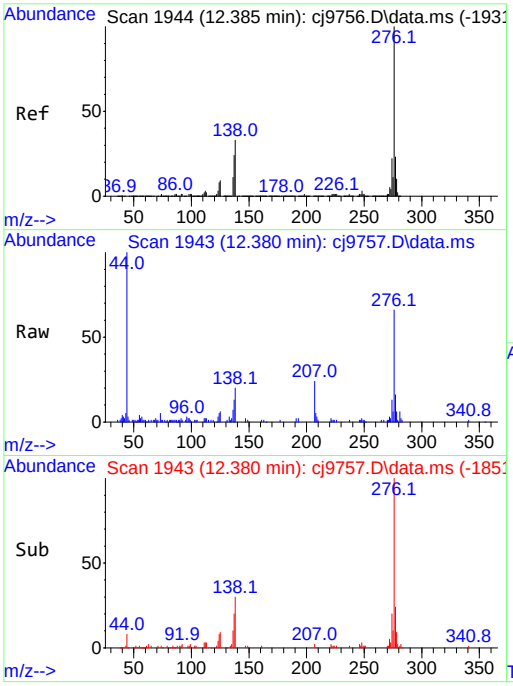


#97
Benzo[a]pyrene
Concen: 0.94 ppm
RT: 11.160 min Scan# 1715
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:252 Resp: 11618

Ion	Ratio	Lower	Upper
252	100		
253	21.2	0.0	51.6
125	12.6	0.0	46.4

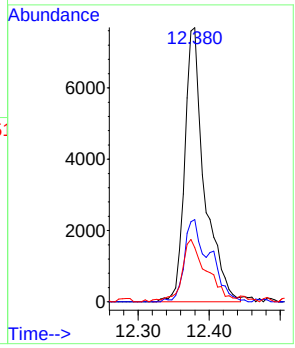


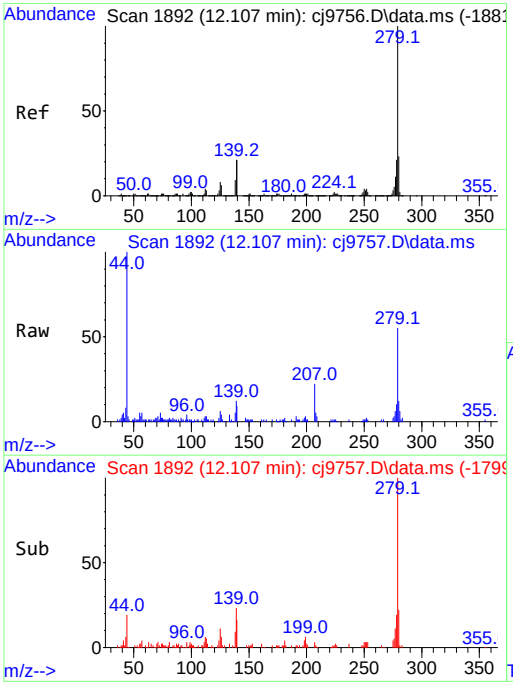


#98
Indeno[1,2,3-cd]pyrene
Concen: 0.93 ppm
RT: 12.380 min Scan# 1943
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:276 Resp: 14771

Ion	Ratio	Lower	Upper
276	100		
138	29.9	2.8	62.8
137	18.5	0.0	54.0

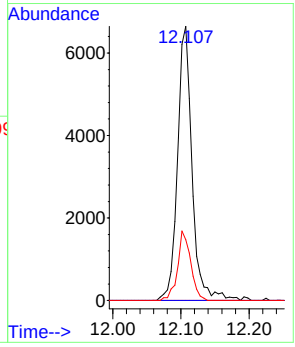


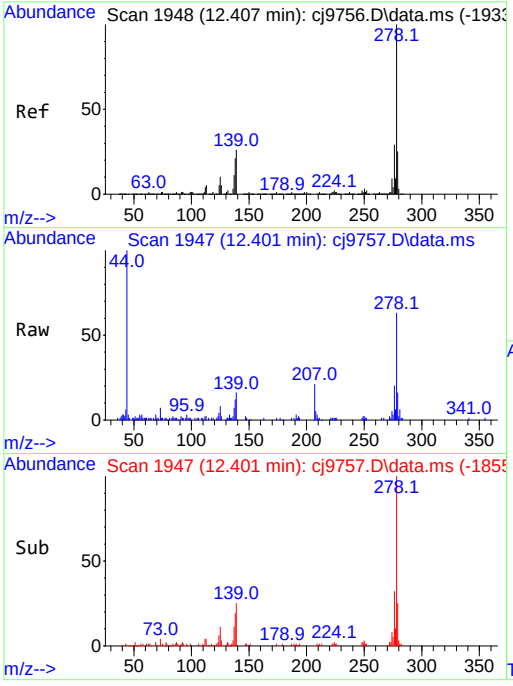


#99
Dibenz(a,h)acridine
Concen: 0.91 ppm
RT: 12.107 min Scan# 1892
Delta R.T. -0.000 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:279 Resp: 9834

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.1	0.0	52.6

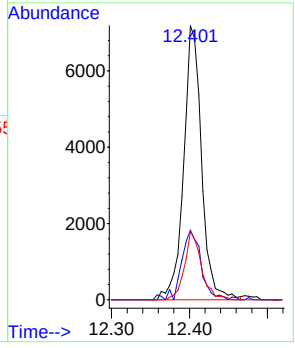


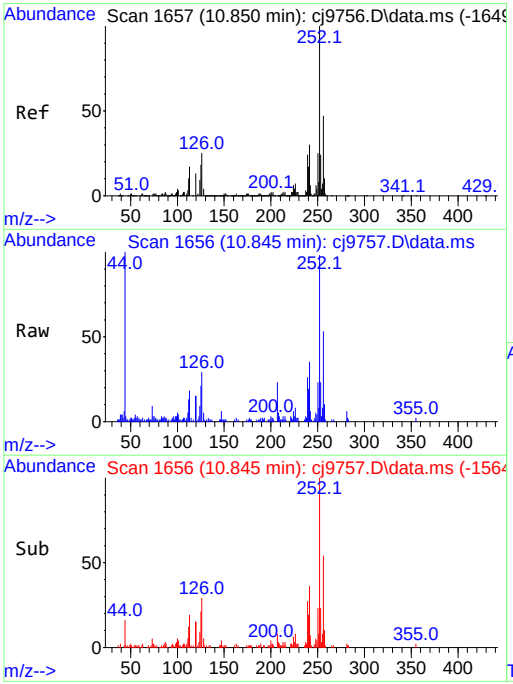


#100
Dibenz[a,h]anthracene
Concen: 0.91 ppm
RT: 12.401 min Scan# 1947
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:278 Resp: 11466

Ion	Ratio	Lower	Upper
278	100		
139	25.6	0.0	56.3
279	24.9	0.0	54.6

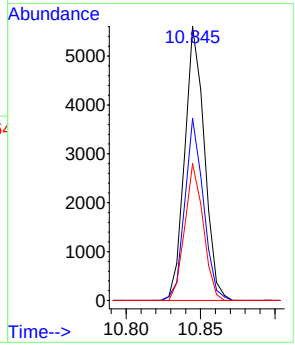


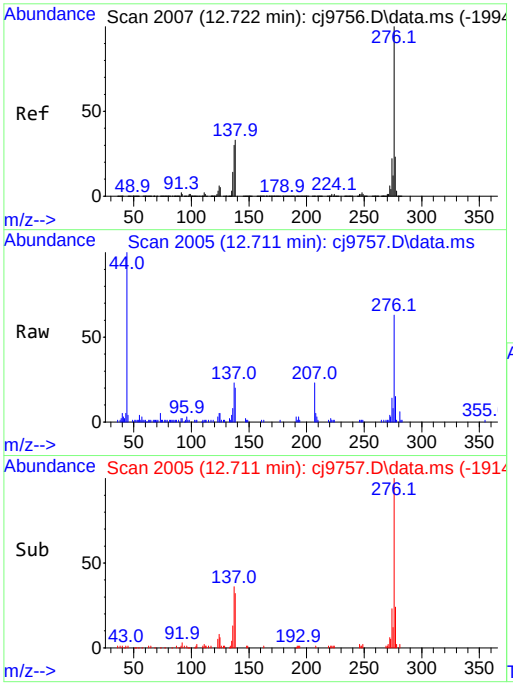


#101
7,12-Dimethylbenz(a)anthracene
Concen: 1.04 ppm
RT: 10.845 min Scan# 1656
Delta R.T. -0.005 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:256 Resp: 5161

Ion	Ratio	Lower	Upper
256	100		
241	66.4	32.7	92.7
239	49.9	20.3	80.3

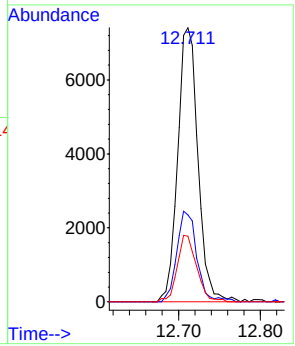




#102
Benzo[g,h,i]perylene
Concen: 1.06 ppm
RT: 12.711 min Scan# 2005
Delta R.T. -0.011 min
Lab File: cj9757.D
Acq: 17 Dec 2024 05:15 pm

Tgt Ion:276 Resp: 12768

Ion	Ratio	Lower	Upper
276	100		
138	31.7	3.3	63.3
277	24.0	0.0	53.4



Manual Integration Approval Summary

Sample Number: ECJ420-IC420
Lab FileID: CJ9757.D
Injection Time: 12/17/24 17:15

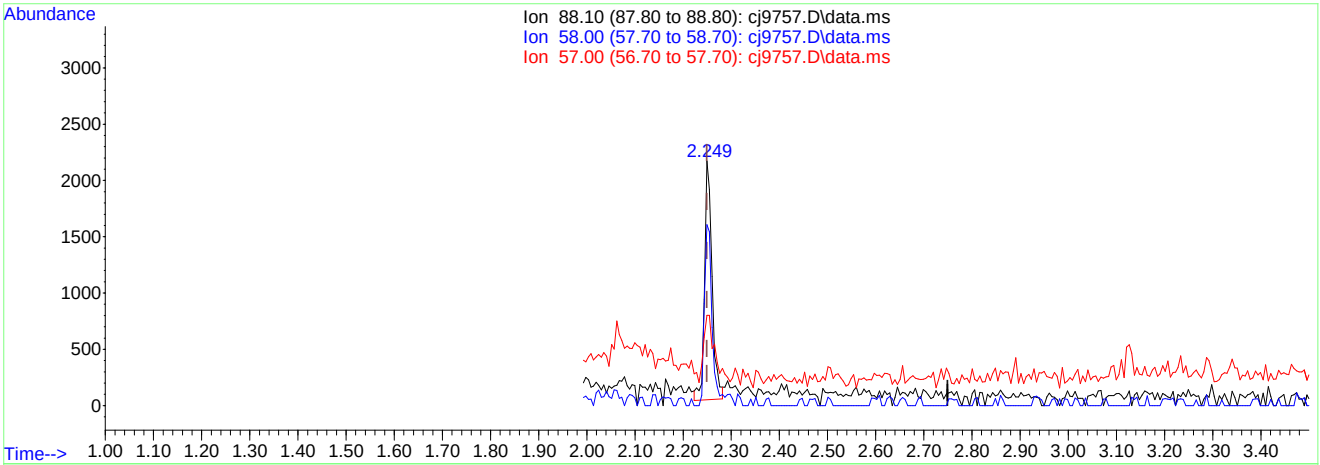
Method: SW846 8270E
Analyst approved: 12/20/24 11:38 Ying Li
Supervisor approved: 12/20/24 16:18 Nina Pandya

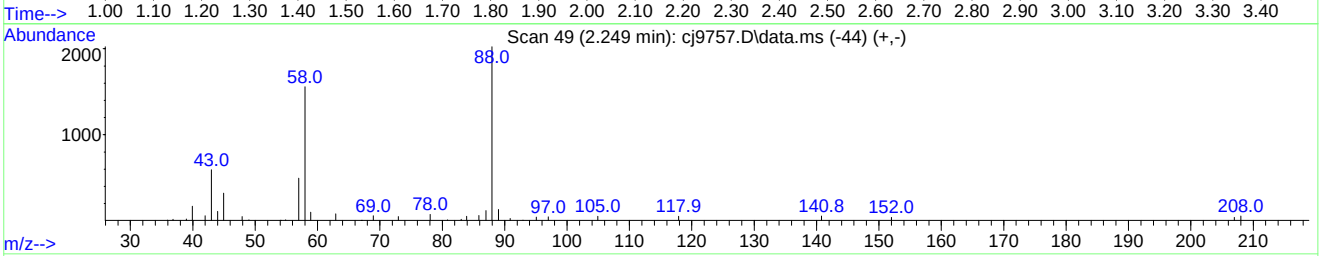
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,4-Dioxane	123-91-1		2.25	Poor instrument integration

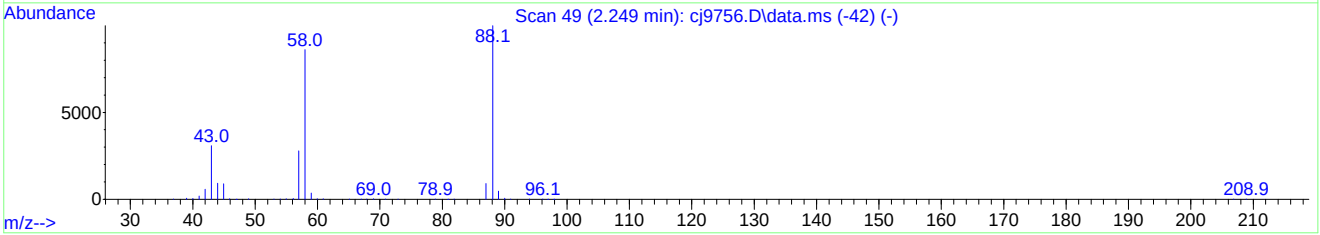
Quantitation Report (Qedit)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9757.D
Acq On : 17 Dec 2024 05:15 pm
Operator : rocquans
Sample : ic420-1
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 20 08:42:42 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 08:40:25 2024
Response via : Initial Calibration







TIC: cj9757.D\data.ms

(2) 1,4-Dioxane (t)

2.249min (-0.000) 1.29 ppm

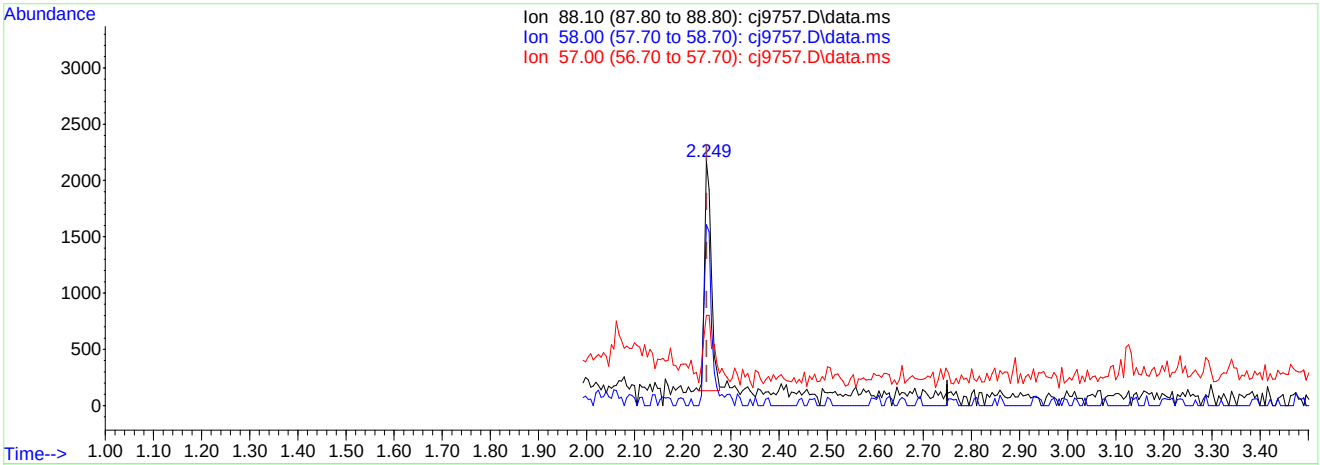
response 2307

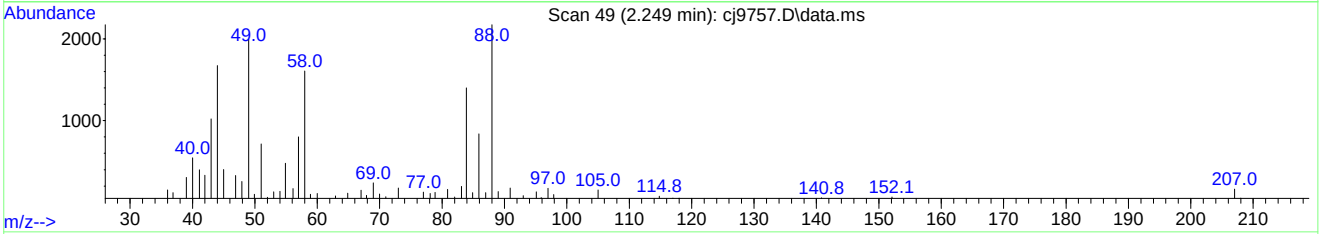
Ion	Exp%	Act%
88.10	100.00	100.00
58.00	86.00	76.92
57.00	27.80	24.46
0.00	0.00	0.00

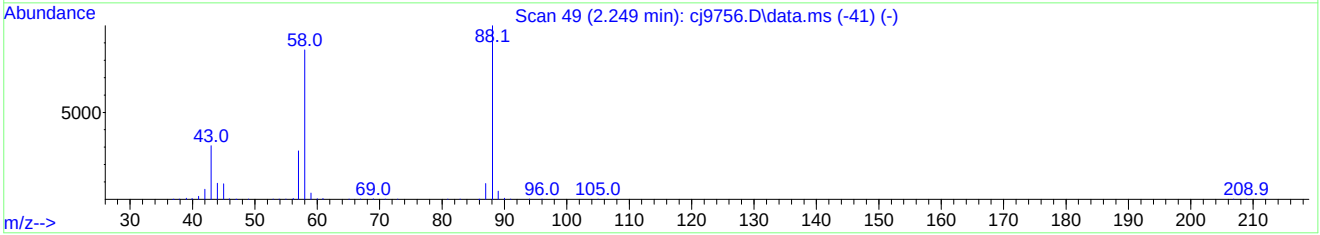
Quantitation Report (Qedit)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9757.D
Acq On : 17 Dec 2024 05:15 pm
Operator : rocquans
Sample : ic420-1
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 20 09:15:03 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration







TIC: cj9757.D\data.ms

(2) 1,4-Dioxane (t)

2.249min (-0.000) 1.12 ppm m

response 2006

Ion	Exp%	Act%
88.10	100.00	100.00
58.00	86.00	73.95
57.00	27.80	36.91
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Manual Integrations APPROVED (compounds with "m" flag)
Nina Pandya 12/20/24 16:18

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9758.D
Acq On : 17 Dec 2024 05:33 pm
Operator : rocquans
Sample : ic420-2
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 20 09:18:14 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	149466	40.00	ppm	0.00
24) Naphthalene-d8	5.138	136	580279	40.00	ppm	0.00
46) Acenaphthene-d10	6.245	164	318143	40.00	ppm	0.00
69) Phenanthrene-d10	7.406	188	537663	40.00	ppm	0.00
84) Chrysene-d12	9.866	240	439011	40.00	ppm	0.00
93) Perylene-d12	11.208	264	453079	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	4.394	152	149466	40.00	ppm	0.00
105) Phenanthrene-d10a	7.406	188	537663	40.00	ppm	0.00
107) Naphthalene-d8a	5.138	136	580279	40.00	ppm	0.00
109) Phenanthrene-d10b	7.406	188	537663	40.00	ppm	0.00
112) Chrysene-d12a	9.866	240	439011	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.554	112	9499	1.99	ppm	0.00
Spiked Amount 50.000			Recovery = 3.98%			
8) Phenol-d5	4.154	99	11537	1.85	ppm	-0.01
Spiked Amount 50.000			Recovery = 3.70%			
25) Nitrobenzene-d5	4.715	82	11438	1.96	ppm	0.00
Spiked Amount 50.000			Recovery = 3.92%			
51) 2-Fluorobiphenyl	5.785	172	21626	2.06	ppm	0.00
Spiked Amount 50.000			Recovery = 4.12%			
74) 2,4,6-Tribromophenol	6.828	330	2190	1.65	ppm	0.00
Spiked Amount 50.000			Recovery = 3.30%			
87) Terphenyl-d14	8.860	244	21808	1.95	ppm	0.00
Spiked Amount 50.000			Recovery = 3.90%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.255	88	3909m	2.18	ppm	
3) Pyridine	2.560	79	9982	1.95	ppm	93
4) N-Nitrosodimethylamine	2.517	74	5290	1.73	ppm	100
6) Indene	4.549	116	17752	2.00	ppm	96
7) Cumene	3.902	105	21006	2.06	ppm	96
9) Phenol	4.164	94	12190	1.81	ppm	97
10) Aniline	4.191	93	15819	1.91	ppm	94
11) bis(2-Chloroethyl)ether	4.228	93	9664	1.82	ppm	94
12) 2-Chlorophenol	4.260	128	10325	1.86	ppm	99
13) Decane	4.298	43	11764	2.13	ppm	98
14) 1,3-Dichlorobenzene	4.362	146	11604	1.98	ppm	97
15) 1,4-Dichlorobenzene	4.405	146	11924	2.02	ppm	98
16) Benzyl alcohol	4.469	108	6702	1.77	ppm	96
17) 1,2-Dichlorobenzene	4.496	146	11390	2.01	ppm	95
18) Acetophenone	4.630	105	14706	1.93	ppm	88
19) 2-Methylphenol	4.533	108	9032	1.84	ppm	100
20) 2,2'-oxybis(1-Chloropr...	4.549	121	3332	1.96	ppm #	51
21) 3&4-Methylphenol	4.619	108	19312	3.83	ppm	99
22) n-Nitroso-di-n-propyla...	4.624	70	7305	1.96	ppm	99
23) Hexachloroethane	4.699	201	3965	2.00	ppm	96
26) Nitrobenzene	4.726	77	10966	1.93	ppm	88
27) Quinoline	5.346	129	20451	2.00	ppm	95
28) Isophorone	4.865	82	19896	1.98	ppm	95
29) 2-Nitrophenol	4.913	139	4563	1.60	ppm	95
30) 2,4-Dimethylphenol	4.929	107	10819	2.01	ppm	97

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9758.D
Acq On : 17 Dec 2024 05:33 pm
Operator : rocquans
Sample : ic420-2
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 20 09:18:14 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) Benzoic acid	4.940	105	6213	1.43	ppm		86
32) bis(2-Chloroethoxy)met...	4.988	93	12933	2.00	ppm		98
33) 2,4-Dichlorophenol	5.047	162	8239	1.87	ppm		95
34) 2,6-Dichlorophenol	5.180	162	8120	1.87	ppm		99
35) 1,3,5-Trichlorobenzene	4.924	180	9849	2.03	ppm		94
36) 1,2,4-Trichlorobenzene	5.106	180	9055	1.98	ppm		99
37) 1,2,3-Trichlorobenzene	5.234	180	9125	2.03	ppm		100
38) Naphthalene	5.154	128	31985	2.11	ppm		100
39) 4-Chloroaniline	5.175	127	12799	1.94	ppm		100
40) 2,3-Dichloroaniline	5.731	161	9777	1.96	ppm		99
41) Hydroquinone	5.341	110	5877	1.66	ppm		92
42) Hexachlorobutadiene	5.223	225	5054	2.04	ppm		99
43) 4-Chloro-3-methylphenol	5.448	107	8476	1.86	ppm		97
44) 2-Methylnaphthalene	5.560	141	18410	2.00	ppm		99
45) 1-Methylnaphthalene	5.624	141	17703	2.04	ppm		96
47) Hexachlorocyclopentadiene	5.662	237	9519	3.79	ppm		93
48) 1,2,4,5-tetrachloroben...	5.662	216	8684	1.97	ppm		97
49) 2,4,6-Trichlorophenol	5.731	196	6159	2.04	ppm		99
50) 2,4,5-Trichlorophenol	5.753	196	5798	1.77	ppm		98
52) 2-Chloronaphthalene	5.870	162	19066	2.02	ppm		96
53) Biphenyl	5.849	154	25096	2.07	ppm		98
54) 2-Nitroaniline	5.924	65	5465	1.81	ppm		93
55) Dimethylphthalate	6.042	163	22116	2.00	ppm		99
56) Acenaphthylene	6.149	152	27907	2.03	ppm		98
57) 2,6-Dinitrotoluene	6.079	165	3971	1.63	ppm		79
58) 3-Nitroaniline	6.197	138	4675	1.64	ppm		97
59) Acenaphthene	6.272	153	20366	2.06	ppm		96
60) 2,4-Dinitrophenol	6.272	184	1862	1.38	ppm	#	1
61) 4-Nitrophenol	6.293	109	2641	1.67	ppm		91
62) Dibenzofuran	6.389	168	27447	2.08	ppm		99
63) 2,4-Dinitrotoluene	6.363	165	5308	1.59	ppm		93
64) 2,3,4,6-Tetrachlorophenol	6.475	232	4734	1.87	ppm		88
65) Diethylphthalate	6.539	149	22507	1.96	ppm		99
66) Fluorene	6.646	166	21464	2.04	ppm		98
67) 4-Chlorophenyl-phenyle...	6.641	204	9448	1.97	ppm		96
68) 4-Nitroaniline	6.641	138	5051	1.69	ppm		90
70) 4,6-Dinitro-2-methylph...	6.667	198	1532	0.86	ppm		88
71) n-Nitrosodiphenylamine	6.726	169	17416	1.87	ppm		97
72) 1,2-Diphenylhydrazine	6.764	77	22023	1.95	ppm		99
73) pentachloronitrobenzene	7.250	295	849	1.72	ppm		95
75) 4-Bromophenyl-phenylether	7.026	248	5136	1.90	ppm		96
76) Hexachlorobenzene	7.079	284	5697	2.00	ppm		99
77) Pentachlorophenol	7.234	266	6496	3.10	ppm		98
78) Phenanthrene	7.427	178	31678	2.04	ppm		99
79) Anthracene	7.470	178	31820	2.04	ppm		98
80) Carbazole	7.598	167	29310	1.93	ppm		98
81) Di-n-butylphthalate	7.919	149	35225	1.75	ppm		99
82) Fluoranthene	8.491	202	30460	1.82	ppm		98
83) Octadecane	7.309	57	16698	1.81	ppm		97
85) benzidine	8.614	184	20025	2.20	ppm		98
86) Pyrene	8.705	202	32212	1.99	ppm		98
88) Butylbenzylphthalate	9.342	149	13618	1.59	ppm		91
89) Benzo[a]anthracene	9.855	228	29595	1.98	ppm		98
90) 3,3'-Dichlorobenzidine	9.834	252	9783	1.68	ppm		96
91) Chrysene	9.887	228	28146	2.00	ppm		99
92) bis(2-Ethylhexyl)phtha...	9.909	149	20774	1.64	ppm		98
94) Di-n-octylphthalate	10.518	149	34868	1.55	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9758.D
Acq On : 17 Dec 2024 05:33 pm
Operator : rocquans
Sample : ic420-2
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 20 09:18:14 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

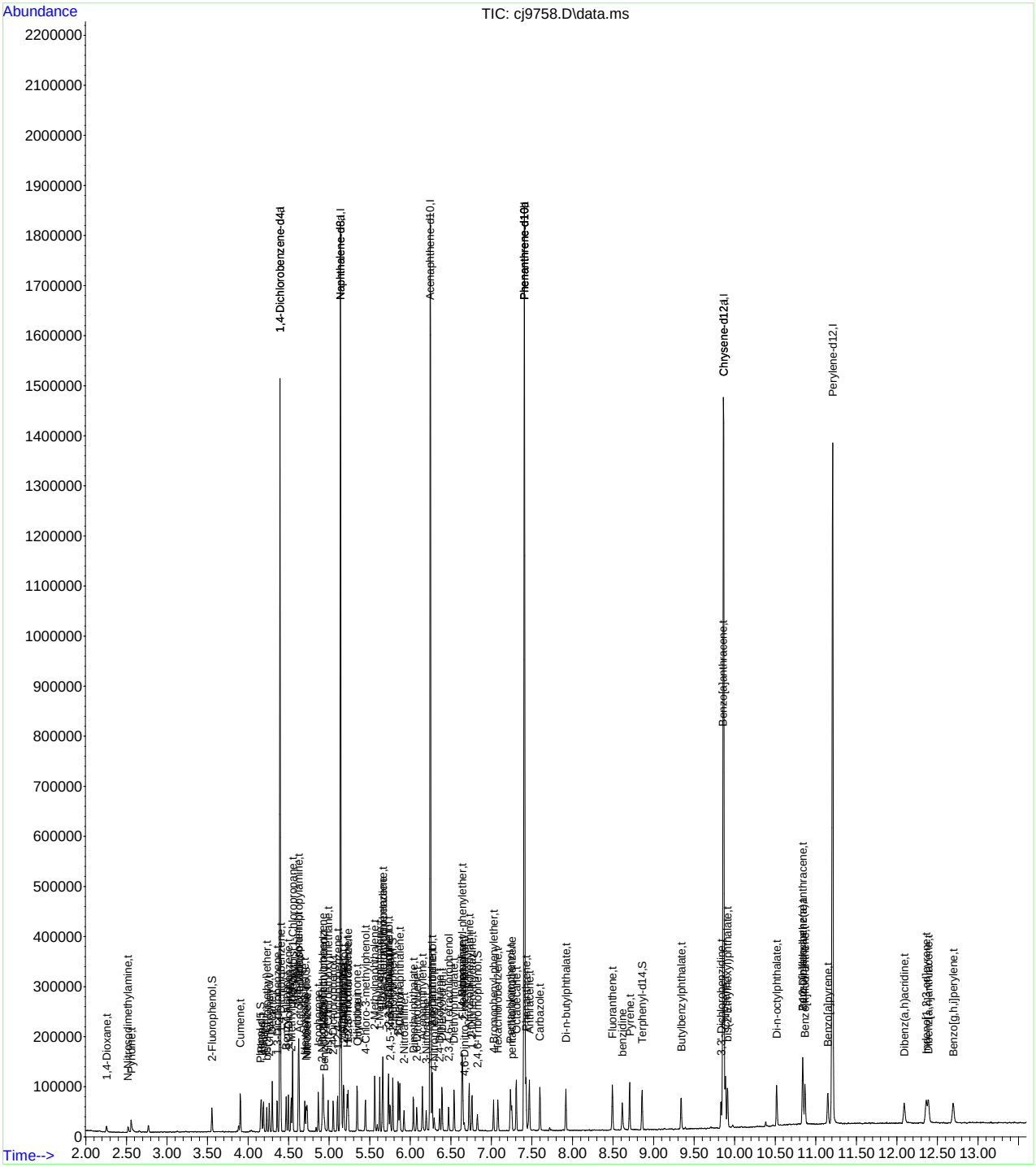
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Benzo[b]fluoranthene	10.839	252	28162	1.89	ppm	98
96) Benzo[k]fluoranthene	10.866	252	25534	1.86	ppm	97
97) Benzo[a]pyrene	11.150	252	23196	1.83	ppm	99
98) Indeno[1,2,3-cd]pyrene	12.364	276	27870	1.72	ppm	92
99) Dibenz(a,h)acridine	12.091	279	18873	1.71	ppm	96
100) Dibenz[a,h]anthracene	12.391	278	22594	1.76	ppm	95
101) 7,12-Dimethylbenz(a)an...	10.839	256	9349	1.85	ppm	98
102) Benzo[g,h,i]perylene	12.695	276	21322	1.74	ppm	99

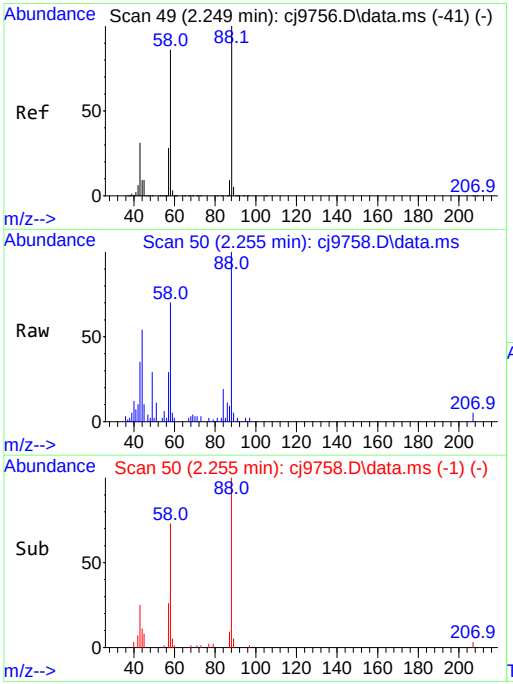
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9758.D
Acq On : 17 Dec 2024 05:33 pm
Operator : rocquans
Sample : ic420-2
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 20 09:18:14 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

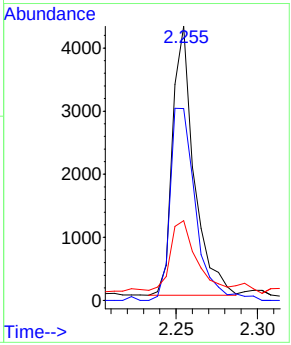


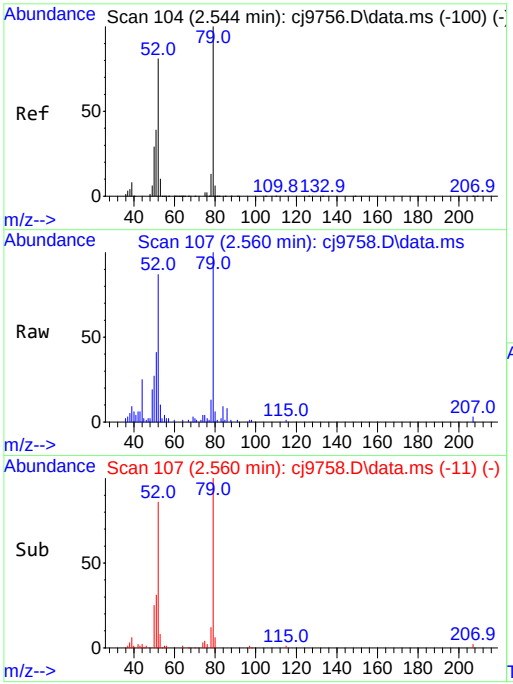


#2
1,4-Dioxane
Concen: 2.18 ppm m
RT: 2.255 min Scan# 50
Delta R.T. 0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 88 Resp: 3909

Ion	Ratio	Lower	Upper
88	100		
58	69.9	56.0	116.0
57	29.1	0.0	57.8

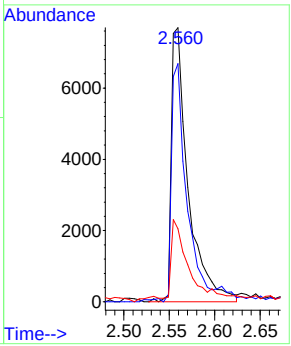


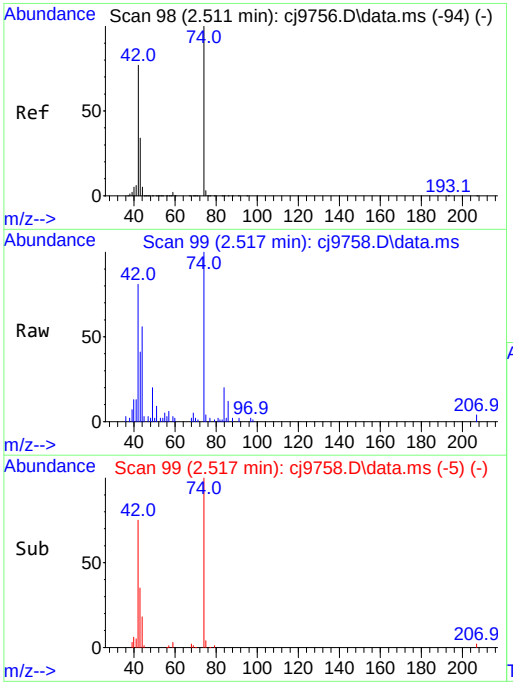


#3
Pyridine
Concen: 1.95 ppm
RT: 2.560 min Scan# 107
Delta R.T. 0.016 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 79 Resp: 9982

Ion	Ratio	Lower	Upper
79	100		
52	86.8	51.1	111.1
50	25.0	0.0	59.1

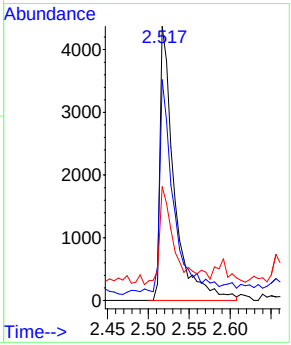


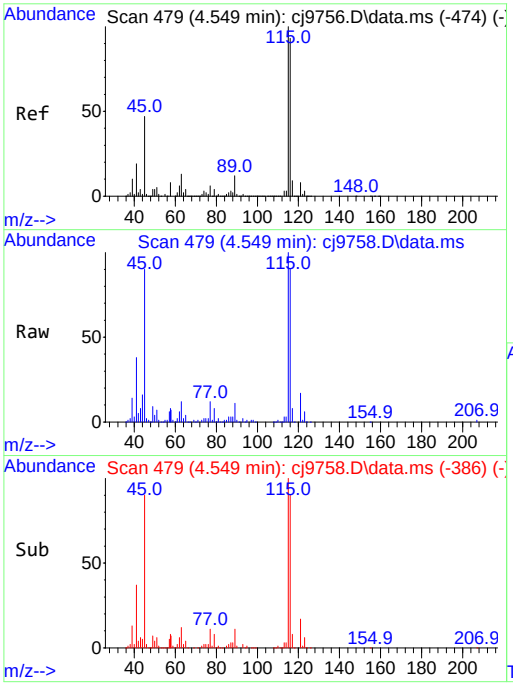


#4
N-Nitrosodimethylamine
Concen: 1.73 ppm
RT: 2.517 min Scan# 99
Delta R.T. 0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 74 Resp: 5290

Ion	Ratio	Lower	Upper
74	100		
42	77.0	47.1	107.1
43	34.0	3.8	63.8

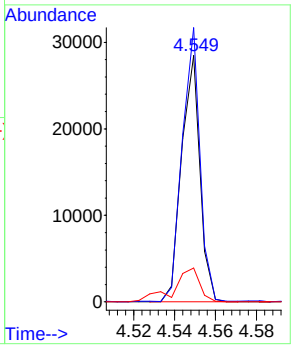


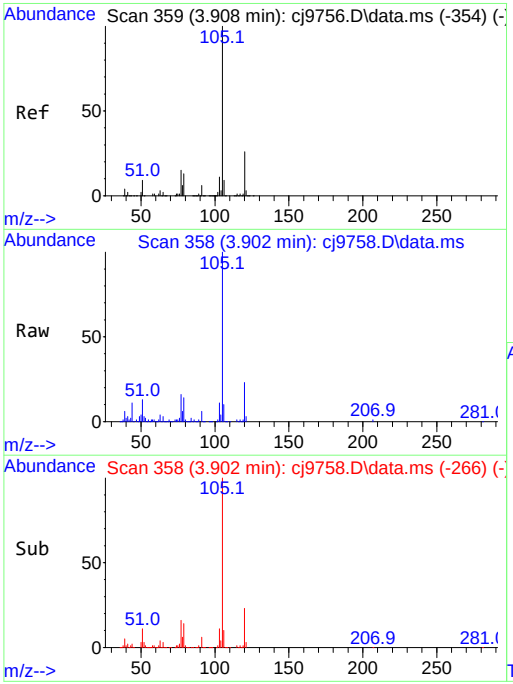


#6
Indene
Concen: 2.00 ppm
RT: 4.549 min Scan# 479
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:116 Resp: 17752

Ion	Ratio	Lower	Upper
116	100		
115	111.1	77.6	137.6
63	12.1	0.0	44.5

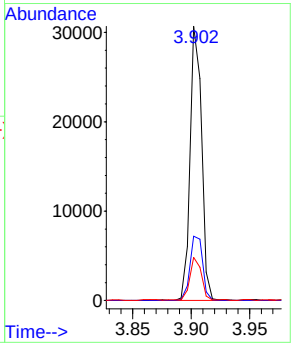


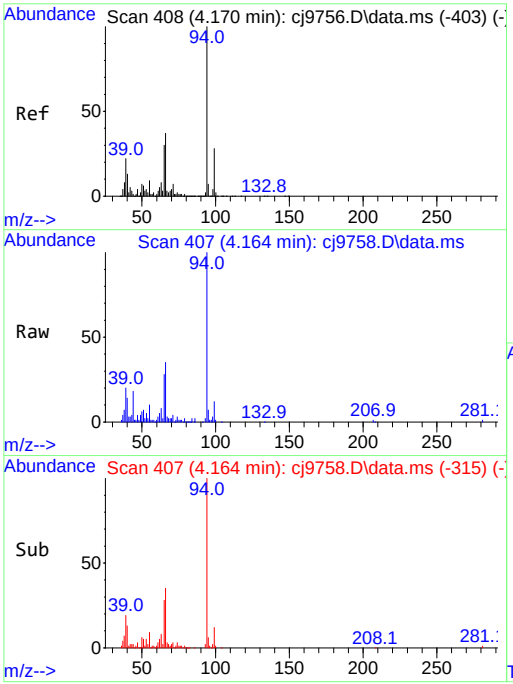


#7
Cumene
Concen: 2.06 ppm
RT: 3.902 min Scan# 358
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:105 Resp: 21006

Ion	Ratio	Lower	Upper
105	100		
120	23.4	0.0	56.3
77	15.5	0.0	44.5

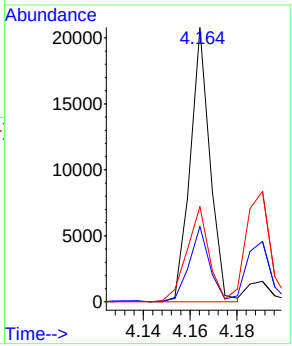


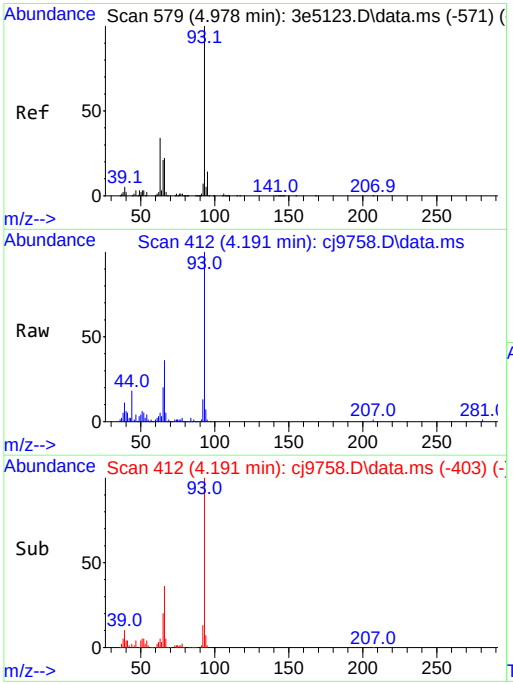


#9
Phenol
Concen: 1.81 ppm
RT: 4.164 min Scan# 407
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 94 Resp: 12190

Ion	Ratio	Lower	Upper
94	100		
65	26.6	0.0	55.8
66	32.6	0.0	59.9

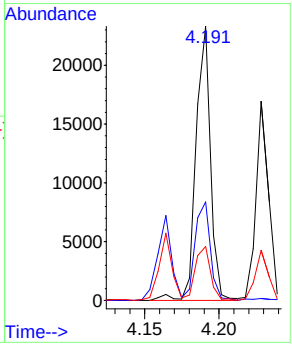


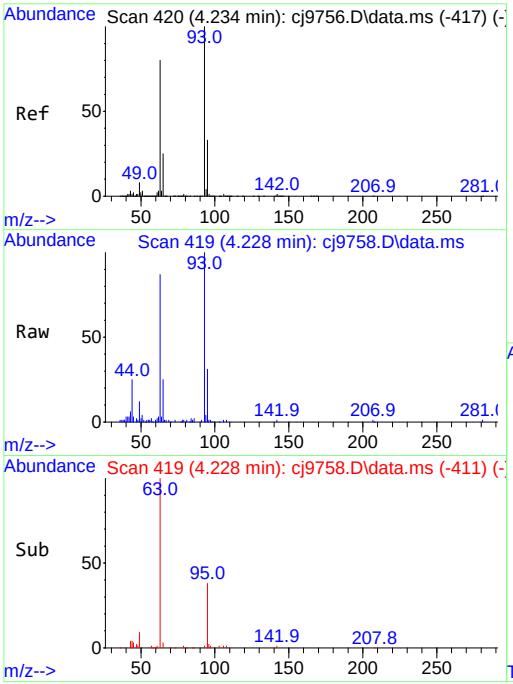


#10
Aniline
Concen: 1.91 ppm
RT: 4.191 min Scan# 412
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 93 Resp: 15819

Ion	Ratio	Lower	Upper
93	100		
66	34.1	8.9	68.9
65	19.2	0.0	50.8

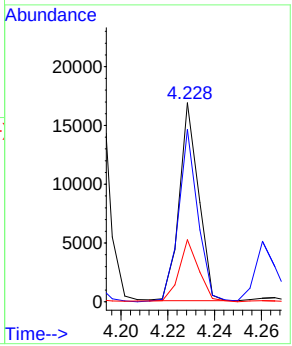


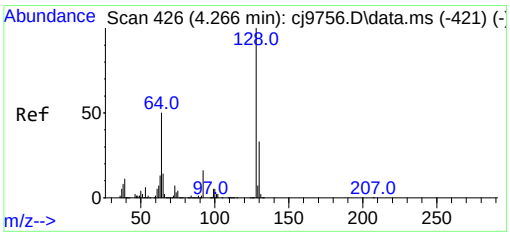


#11
bis(2-Chloroethyl)ether
Concen: 1.82 ppm
RT: 4.228 min Scan# 419
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 93 Resp: 9664

Ion	Ratio	Lower	Upper
93	100		
63	86.9	50.4	110.4
95	31.3	2.9	62.9

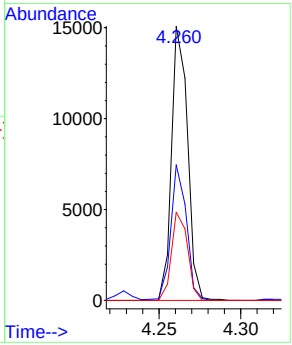


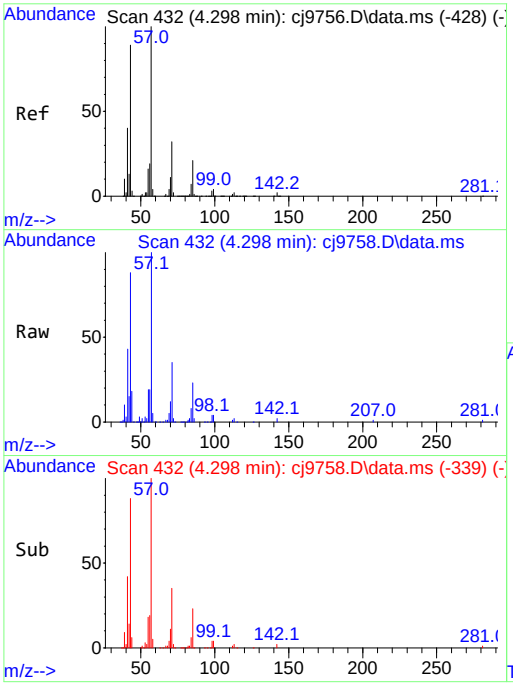


#12
2-Chlorophenol
Concen: 1.86 ppm
RT: 4.260 min Scan# 425
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:128 Resp: 10325

Ion	Ratio	Lower	Upper
128	100		
64	49.2	19.8	79.8
130	32.2	2.6	62.6

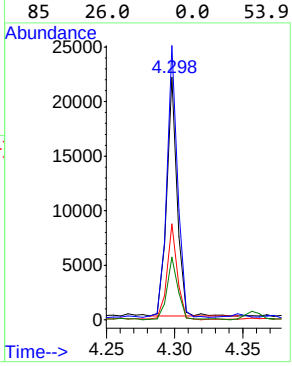


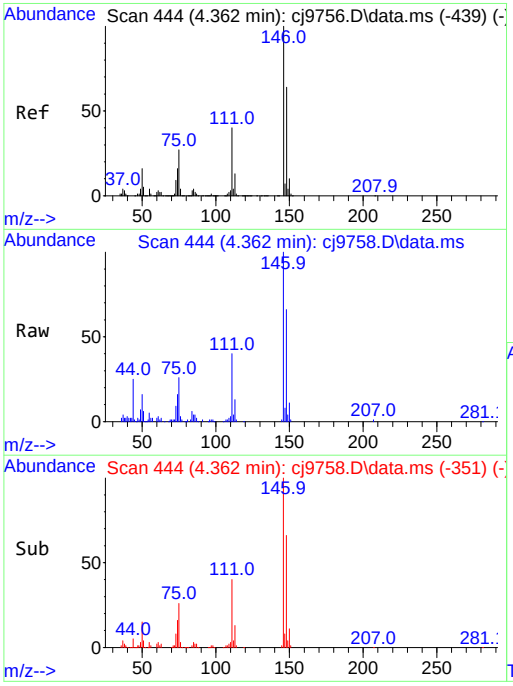


#13
Decane
Concen: 2.13 ppm
RT: 4.298 min Scan# 432
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 43 Resp: 11764

Ion	Ratio	Lower	Upper
43	100		
57	112.9	82.4	142.4
71	39.9	5.6	65.6
85	26.0	0.0	53.9

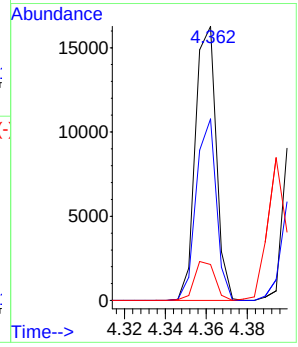


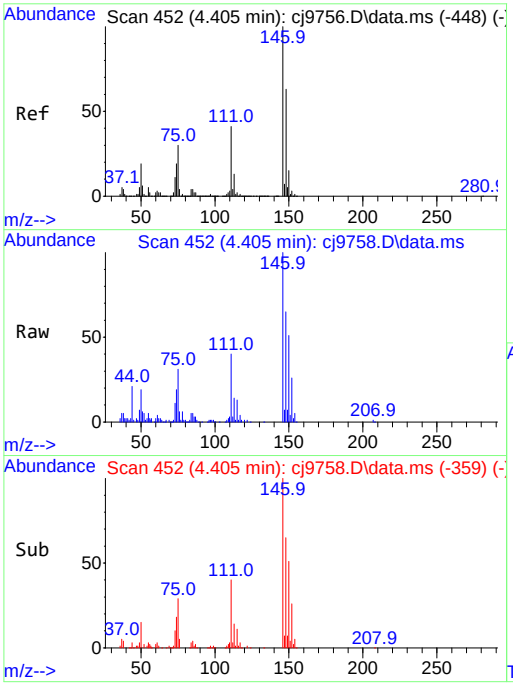


#14
1,3-Dichlorobenzene
Concen: 1.98 ppm
RT: 4.362 min Scan# 444
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:146 Resp: 11604

Ion	Ratio	Lower	Upper
146	100		
148	66.2	33.8	93.8
113	12.9	0.0	43.0

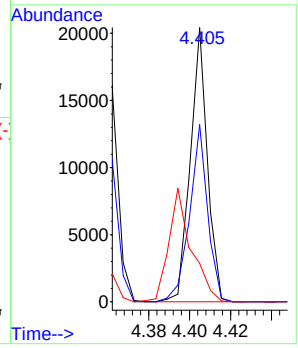


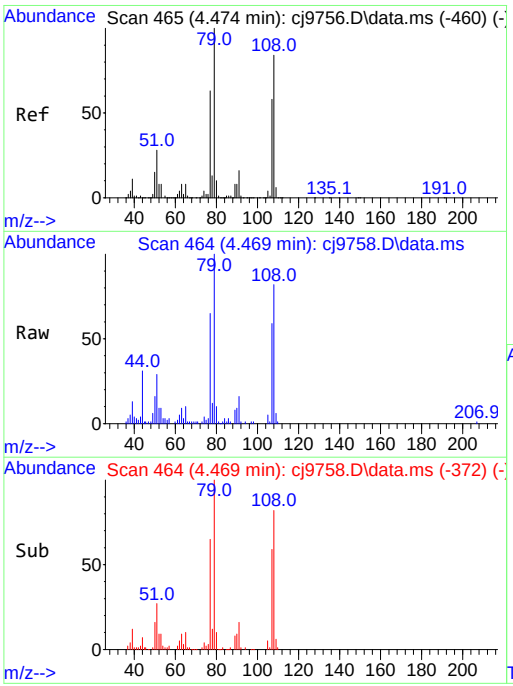


#15
1,4-Dichlorobenzene
Concen: 2.02 ppm
RT: 4.405 min Scan# 452
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:146 Resp: 11924

Ion	Ratio	Lower	Upper
146	100		
148	64.6	33.3	93.3
113	13.5	0.0	43.2

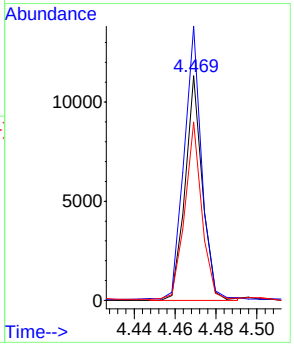


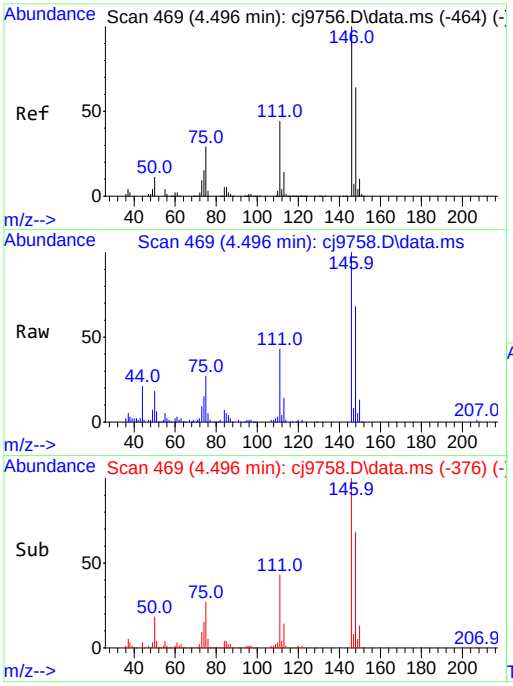


#16
Benzyl alcohol
Concen: 1.77 ppm
RT: 4.469 min Scan# 464
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:108 Resp: 6702

Ion	Ratio	Lower	Upper
108	100		
79	121.7	88.4	148.4
77	79.1	45.1	105.1

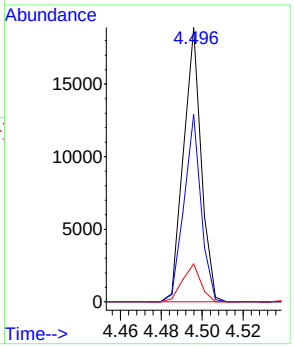


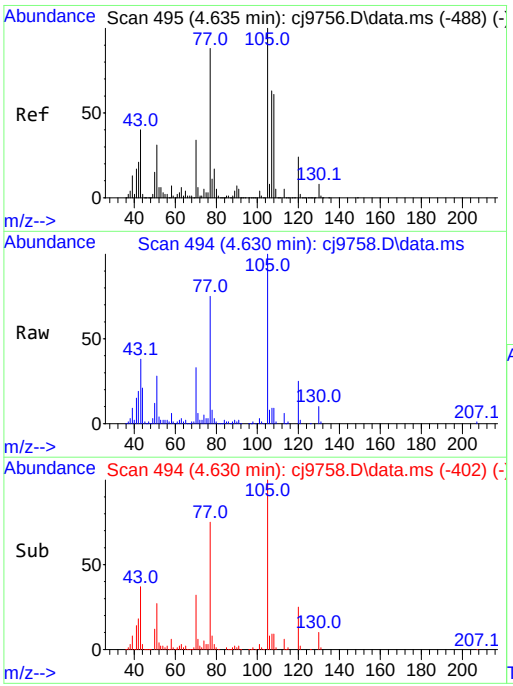


#17
1,2-Dichlorobenzene
Concen: 2.01 ppm
RT: 4.496 min Scan# 469
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:146 Resp: 11390

Ion	Ratio	Lower	Upper
146	100		
148	68.3	34.0	94.0
113	13.8	0.0	43.9

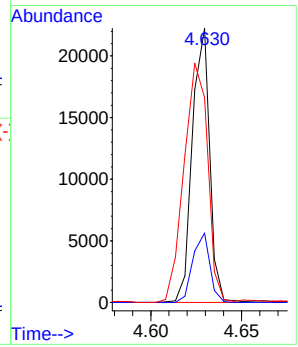


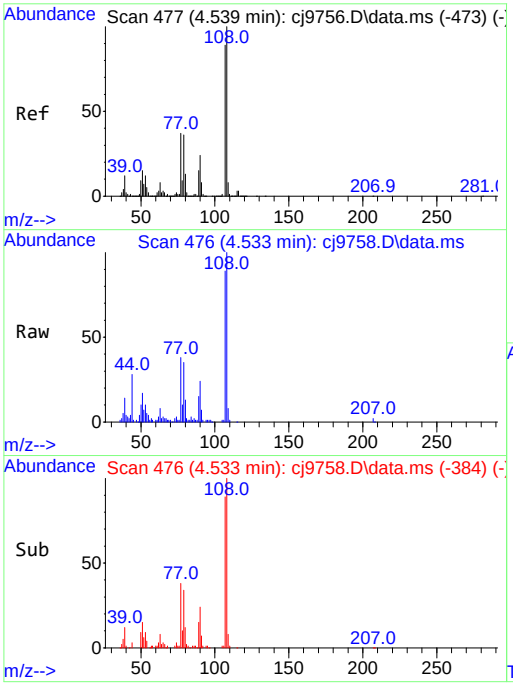


#18
Acetophenone
Concen: 1.93 ppm
RT: 4.630 min Scan# 494
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:105 Resp: 14706

Ion	Ratio	Lower	Upper
105	100		
120	25.4	0.0	54.0
77	74.4	57.6	117.6

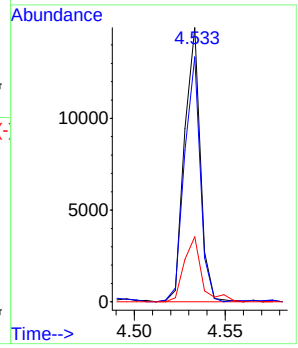


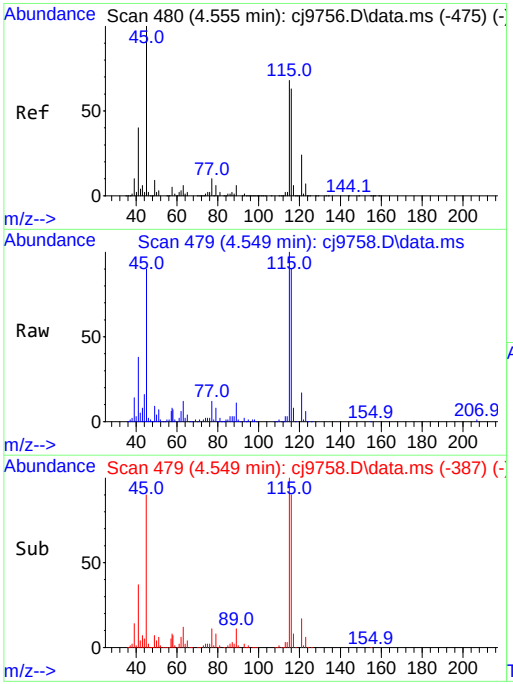


#19
2-Methylphenol
Concen: 1.84 ppm
RT: 4.533 min Scan# 476
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:108 Resp: 9032

Ion	Ratio	Lower	Upper
108	100		
107	89.1	59.5	119.5
90	23.7	0.0	53.5

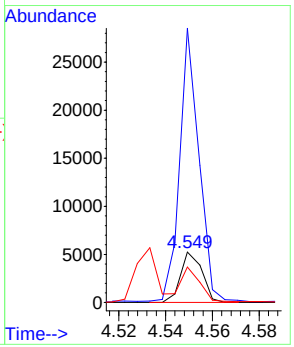


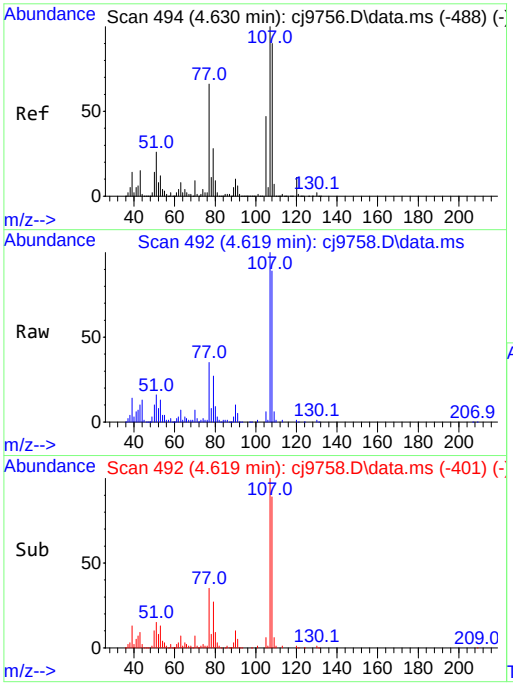


#20
2,2'-oxybis(1-Chloropropane
Concen: 1.96 ppm
RT: 4.549 min Scan# 479
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:121 Resp: 3332

Ion	Ratio	Lower	Upper
121	100		
45	538.7	389.8	449.8#
77	15.1	18.9	78.9#

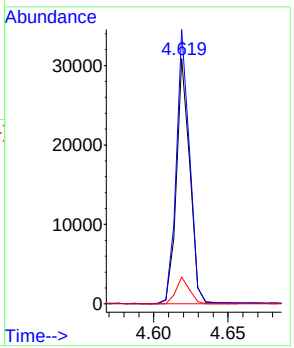


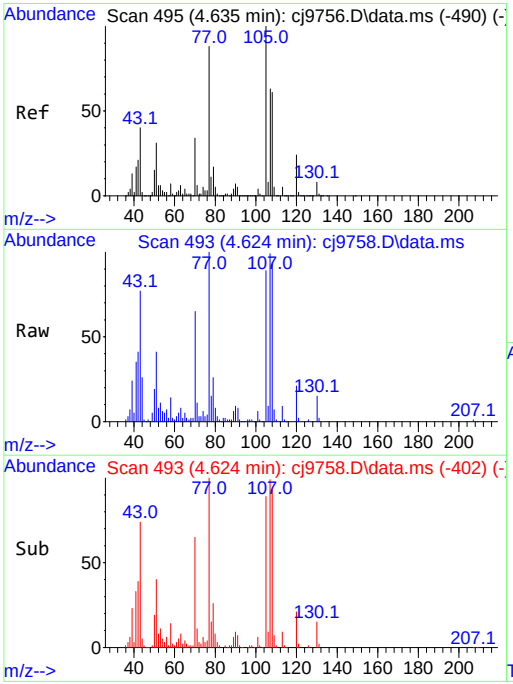


#21
3&4-Methylphenol
Concen: 3.83 ppm
RT: 4.619 min Scan# 492
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:108 Resp: 19312

Ion	Ratio	Lower	Upper
108	100		
107	111.8	81.2	141.2
90	10.9	0.0	41.3

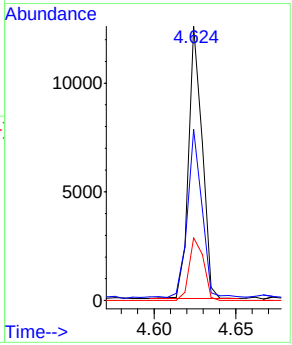


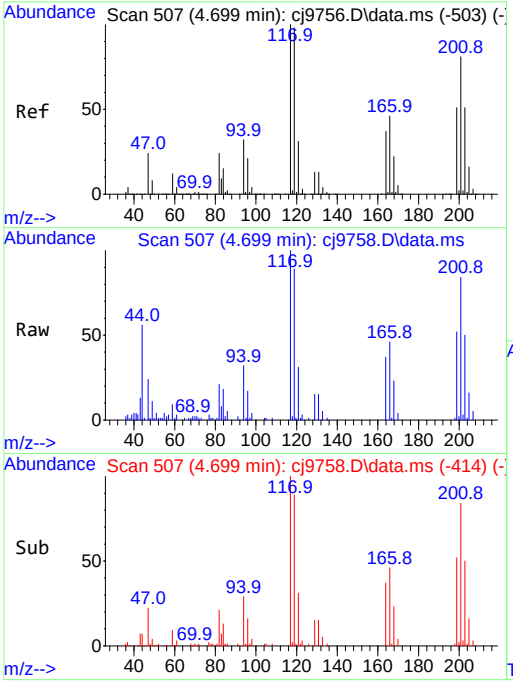


#22
n-Nitroso-di-n-propylamine
Concen: 1.96 ppm
RT: 4.624 min Scan# 493
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 70 Resp: 7305

Ion	Ratio	Lower	Upper
70	100		
42	61.4	31.2	91.2
130	23.0	0.0	52.5

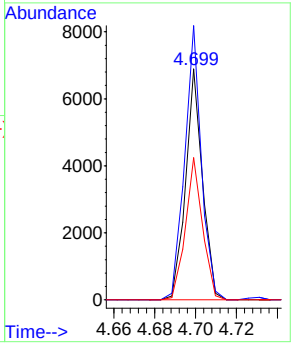


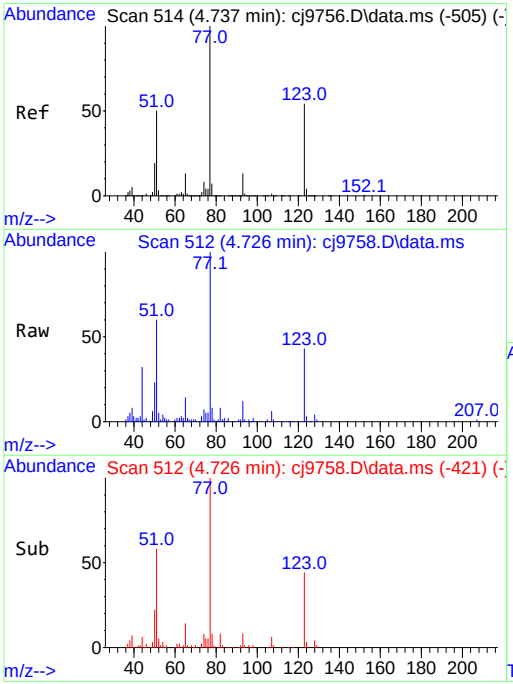


#23
Hexachloroethane
Concen: 2.00 ppm
RT: 4.699 min Scan# 507
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:201 Resp: 3965

Ion	Ratio	Lower	Upper
201	100		
117	118.8	94.0	154.0
199	61.6	33.7	93.7

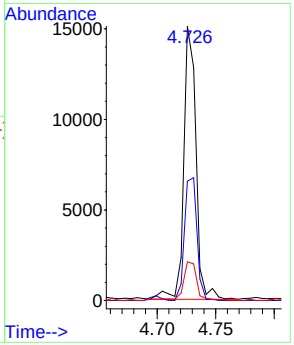


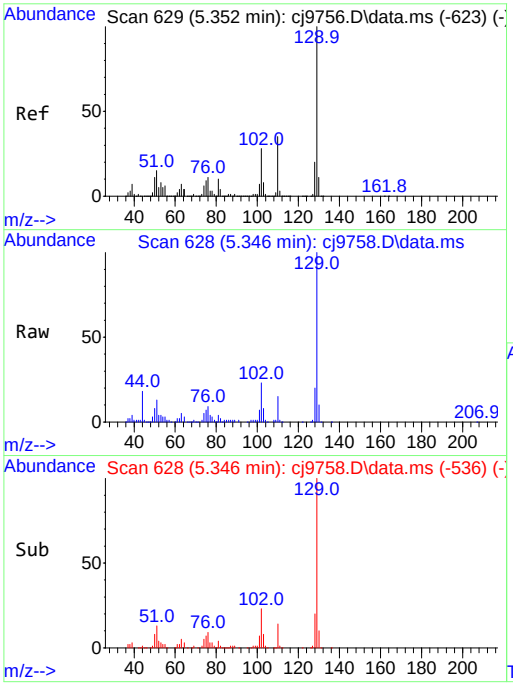


#26
Nitrobenzene
Concen: 1.93 ppm
RT: 4.726 min Scan# 512
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 77 Resp: 10966

Ion	Ratio	Lower	Upper
77	100		
123	43.1	23.6	83.6
65	13.9	0.0	43.4

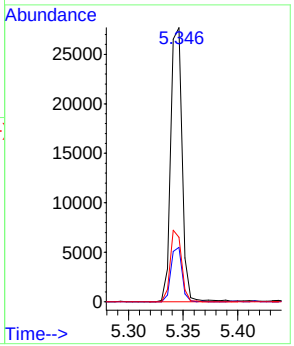


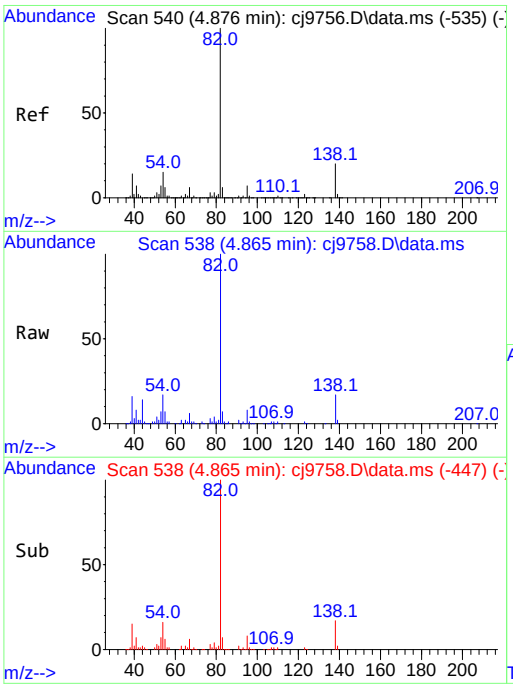


#27
Quinoline
Concen: 2.00 ppm
RT: 5.346 min Scan# 628
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:129 Resp: 20451

Ion	Ratio	Lower	Upper
129	100		
128	19.7	0.0	49.9
102	23.5	0.0	58.1

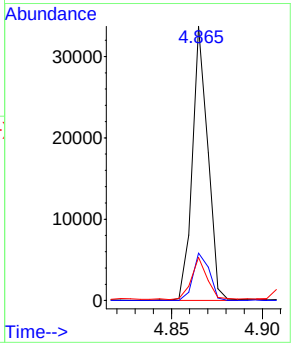


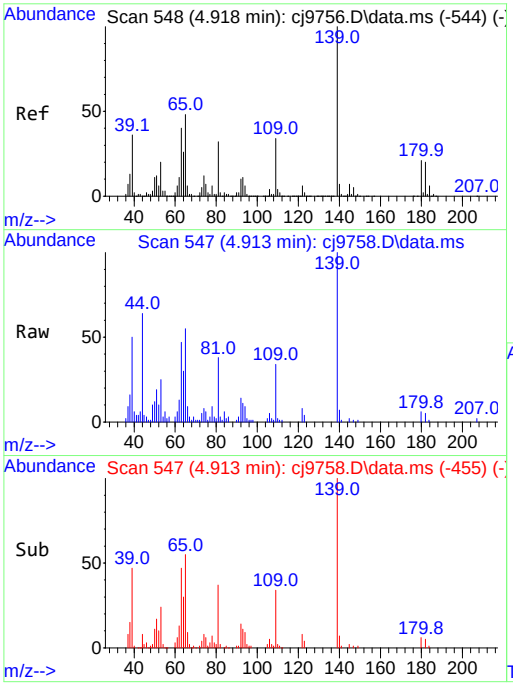


#28
Isophorone
Concen: 1.98 ppm
RT: 4.865 min Scan# 538
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 82 Resp: 19896

Ion	Ratio	Lower	Upper
82	100		
138	17.3	0.0	50.3
39	15.2	0.0	44.0

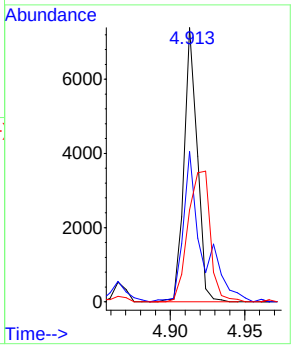


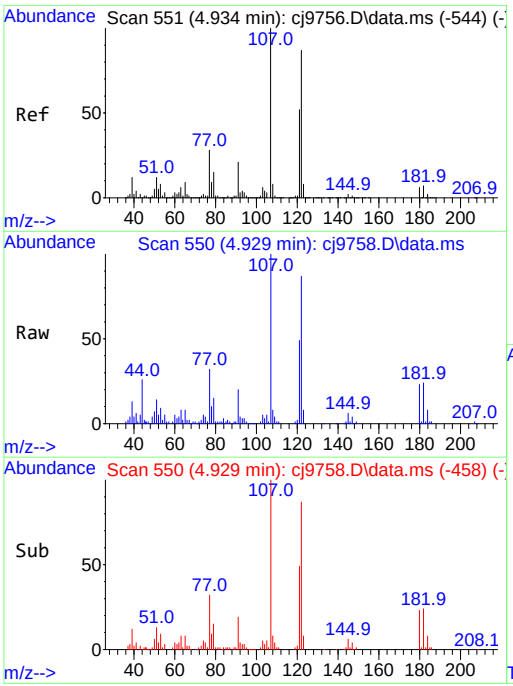


#29
2-Nitrophenol
Concen: 1.60 ppm
RT: 4.913 min Scan# 547
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:139 Resp: 4563

Ion	Ratio	Lower	Upper
139	100		
65	53.1	17.5	77.5
109	33.1	3.8	63.8

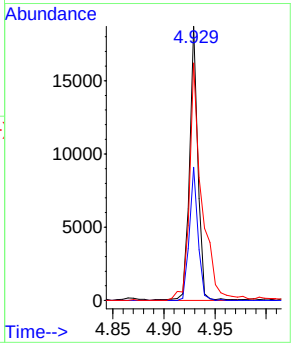


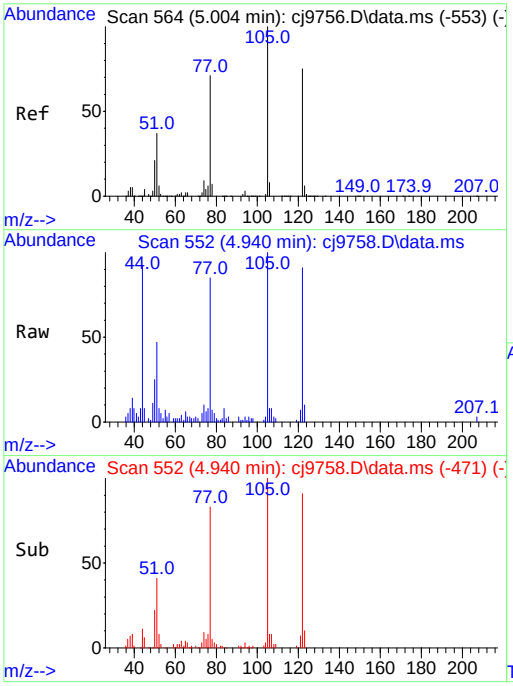


#30
2,4-Dimethylphenol
Concen: 2.01 ppm
RT: 4.929 min Scan# 550
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:107 Resp: 10819

Ion	Ratio	Lower	Upper
107	100		
121	48.6	21.7	81.7
122	86.0	53.4	113.4

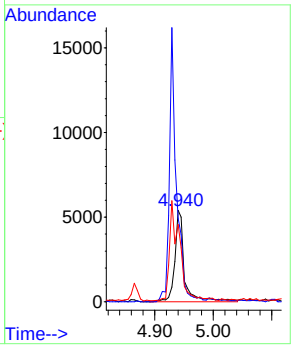


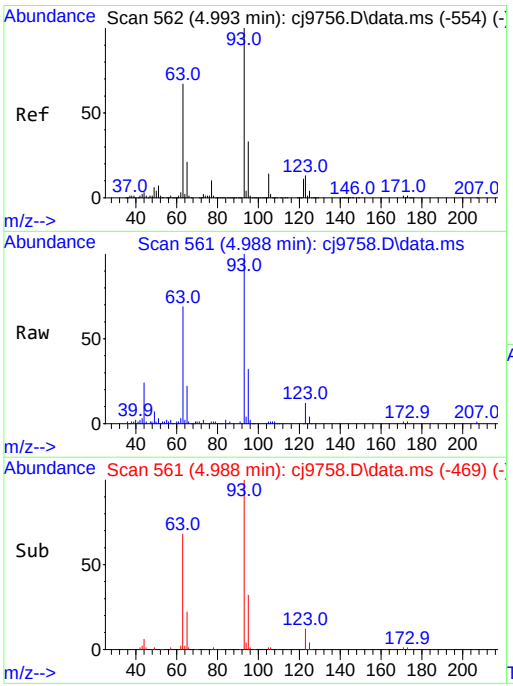


#31
Benzoic acid
Concen: 1.43 ppm
RT: 4.940 min Scan# 552
Delta R.T. -0.064 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:105 Resp: 6213

Ion	Ratio	Lower	Upper
105	100		
122	91.4	48.8	108.8
77	83.5	42.1	102.1

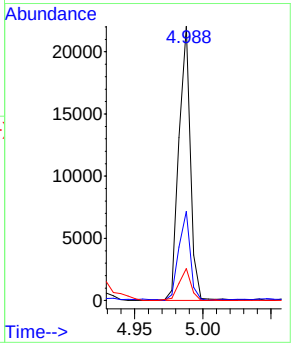


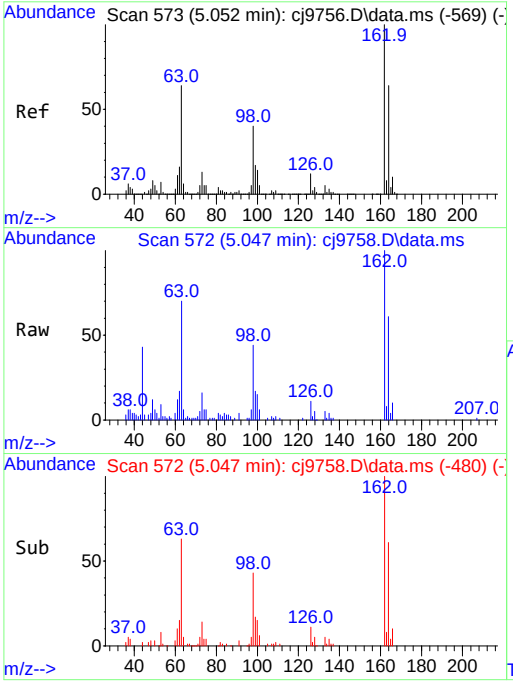


#32
bis(2-Chloroethoxy)methane
Concen: 2.00 ppm
RT: 4.988 min Scan# 561
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 93 Resp: 12933

Ion	Ratio	Lower	Upper
93	100		
95	32.1	3.0	63.0
123	11.7	0.0	43.0

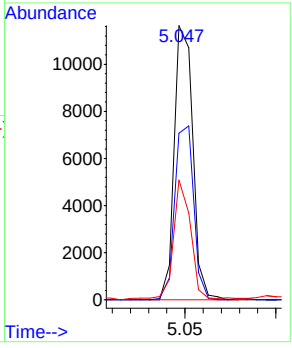


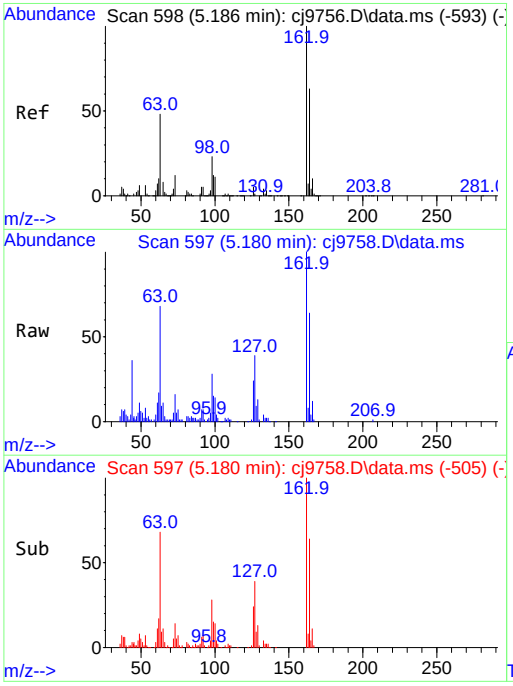


#33
2,4-Dichlorophenol
Concen: 1.87 ppm
RT: 5.047 min Scan# 572
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:162 Resp: 8239

Ion	Ratio	Lower	Upper
162	100		
164	60.5	34.2	94.2
98	43.0	9.7	69.7

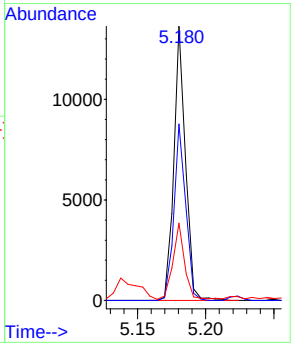


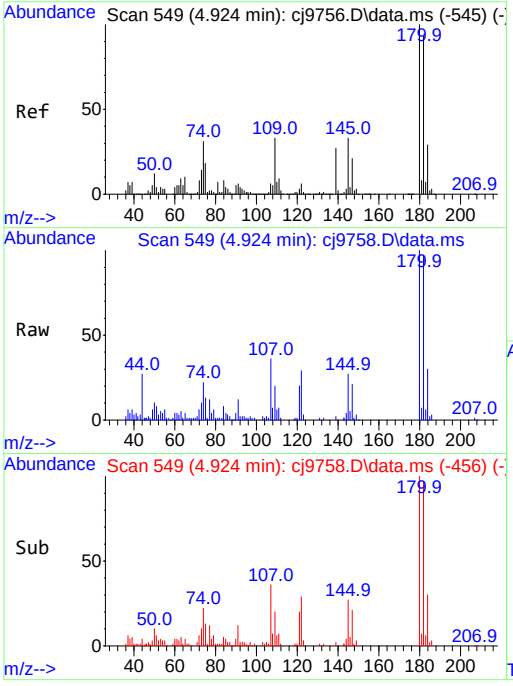


#34
2,6-Dichlorophenol
Concen: 1.87 ppm
RT: 5.180 min Scan# 597
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:162 Resp: 8120

Ion	Ratio	Lower	Upper
162	100		
164	63.5	33.4	93.4
98	26.7	0.0	54.6

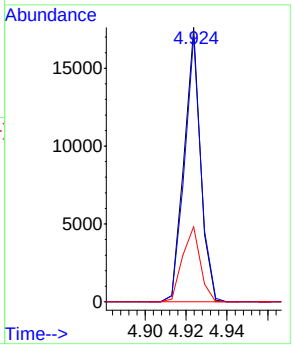


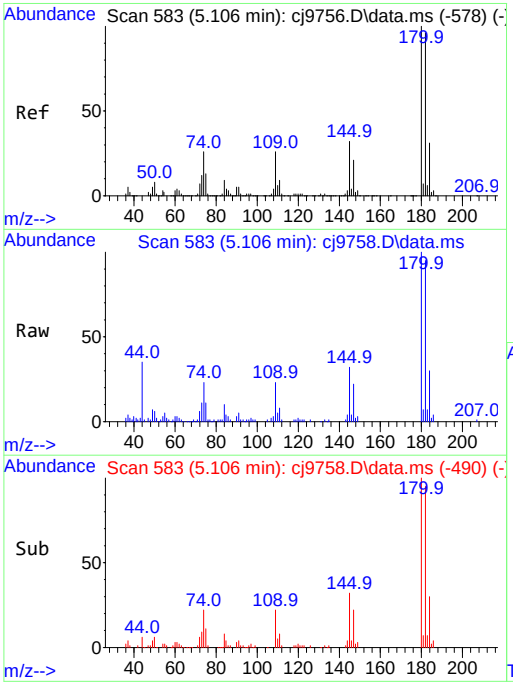


#35
1,3,5-Trichlorobenzene
Concen: 2.03 ppm
RT: 4.924 min Scan# 549
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:180 Resp: 9849

Ion	Ratio	Lower	Upper
180	100		
182	96.9	63.0	123.0
145	27.5	3.0	63.0

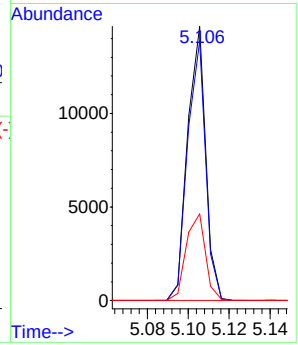


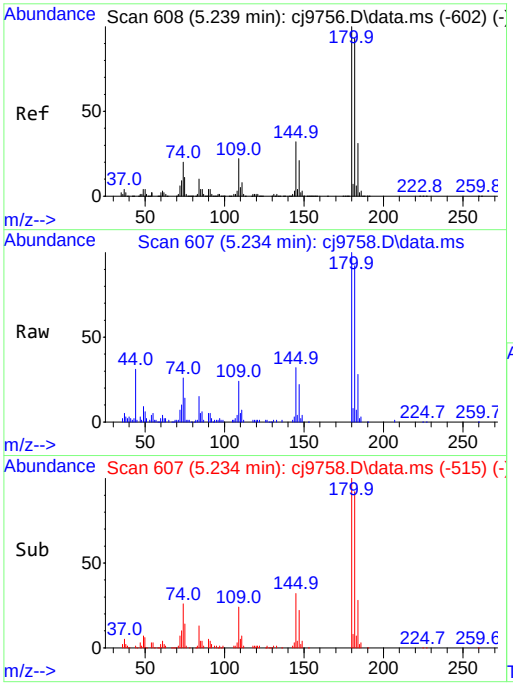


#36
1,2,4-Trichlorobenzene
Concen: 1.98 ppm
RT: 5.106 min Scan# 583
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:180 Resp: 9055

Ion	Ratio	Lower	Upper
180	100		
182	94.6	66.0	126.0
145	31.6	2.4	62.4

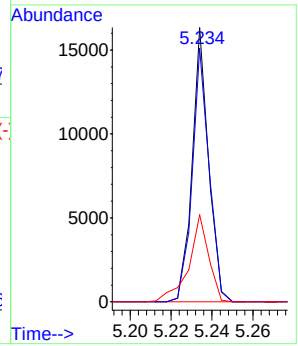


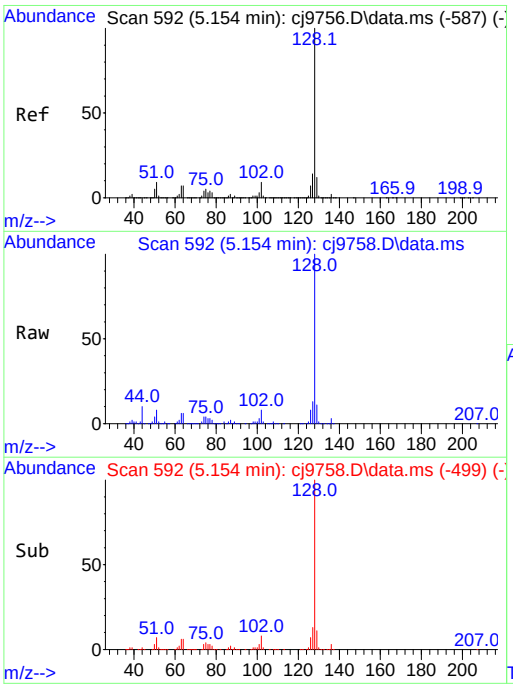


#37
1,2,3-Trichlorobenzene
Concen: 2.03 ppm
RT: 5.234 min Scan# 607
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:180 Resp: 9125

Ion	Ratio	Lower	Upper
180	100		
182	92.4	62.6	122.6
145	31.6	2.2	62.2

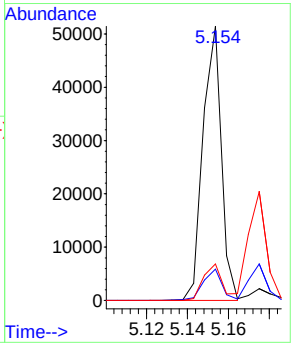


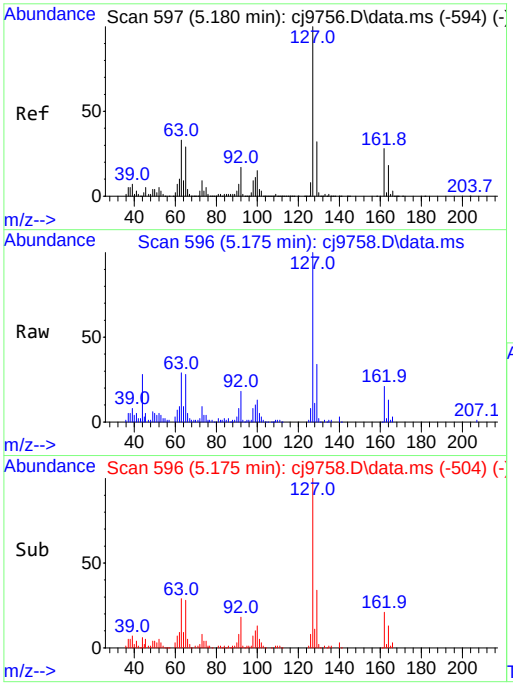


#38
Naphthalene
Concen: 2.11 ppm
RT: 5.154 min Scan# 592
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:128 Resp: 31985

Ion	Ratio	Lower	Upper
128	100		
129	11.2	0.0	41.0
127	12.1	0.0	42.0

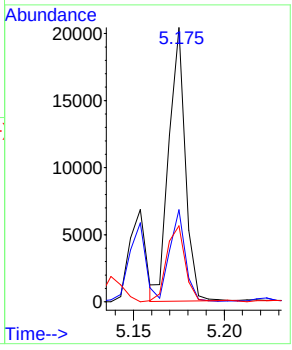


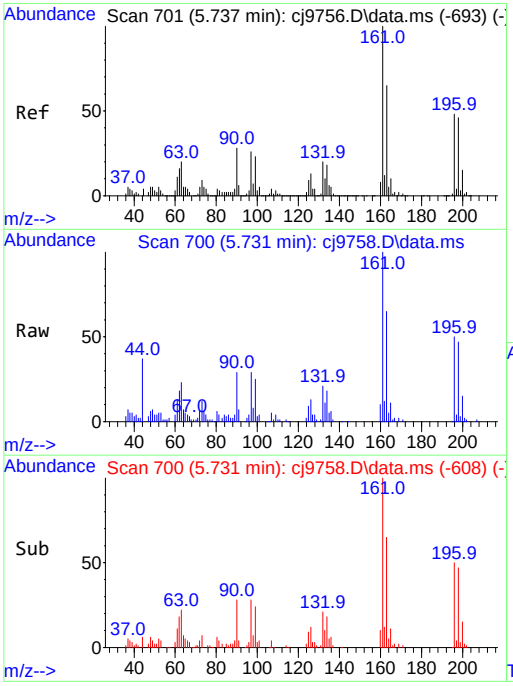


#39
4-Chloroaniline
Concen: 1.94 ppm
RT: 5.175 min Scan# 596
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:127 Resp: 12799

Ion	Ratio	Lower	Upper
127	100		
129	31.9	1.9	61.9
65	28.3	0.0	58.3

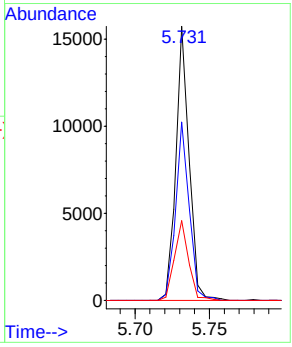


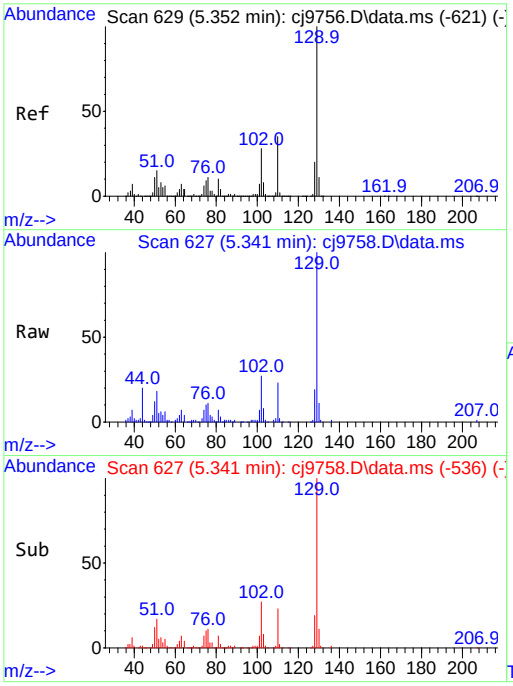


#40
2,3-Dichloroaniline
Concen: 1.96 ppm
RT: 5.731 min Scan# 700
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:161 Resp: 9777

Ion	Ratio	Lower	Upper
161	100		
163	65.0	34.9	94.9
90	29.1	0.0	57.9

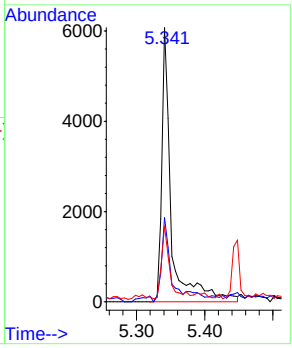


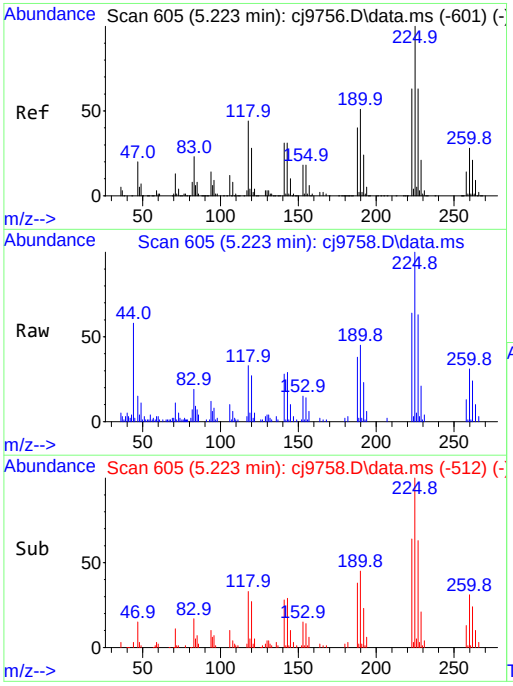


#41
Hydroquinone
Concen: 1.66 ppm
RT: 5.341 min Scan# 627
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:110 Resp: 5877

Ion	Ratio	Lower	Upper
110	100		
81	28.3	0.0	58.8
53	15.5	0.0	53.6

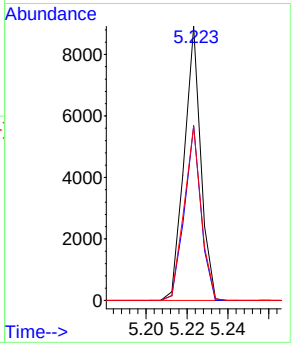


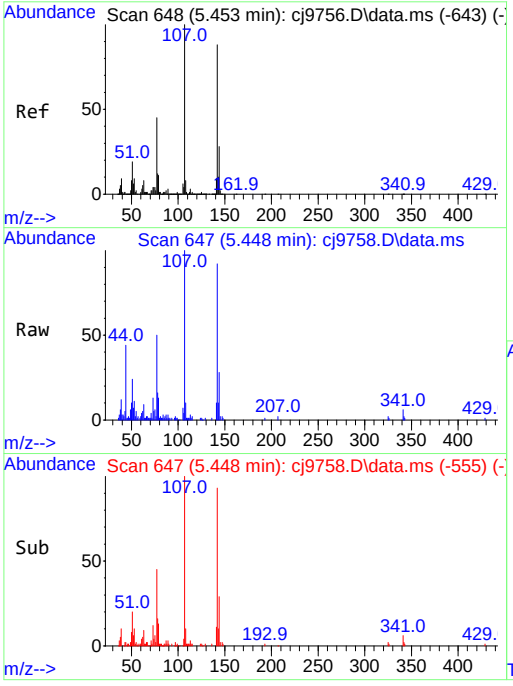


#42
Hexachlorobutadiene
Concen: 2.04 ppm
RT: 5.223 min Scan# 605
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:225 Resp: 5054

Ion	Ratio	Lower	Upper
225	100		
223	63.8	33.2	93.2
227	63.5	33.2	93.2

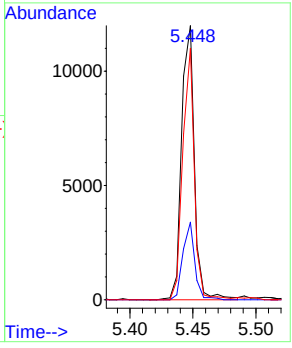


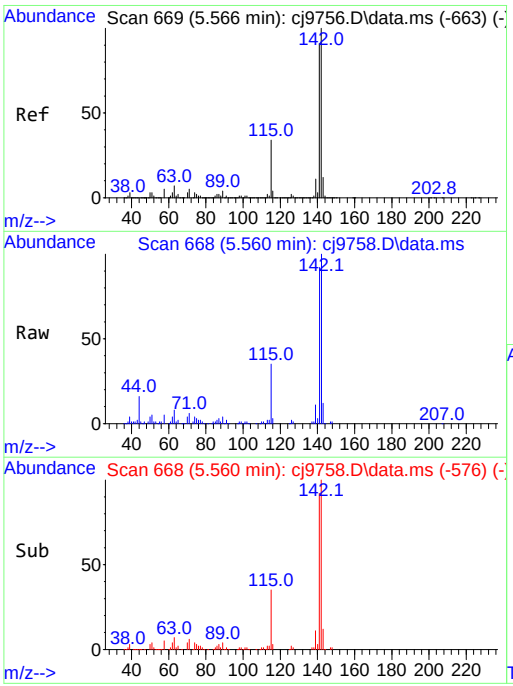


#43
4-Chloro-3-methylphenol
Concen: 1.86 ppm
RT: 5.448 min Scan# 647
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:107 Resp: 8476

Ion	Ratio	Lower	Upper
107	100		
144	28.4	0.0	58.3
142	91.7	58.1	118.1

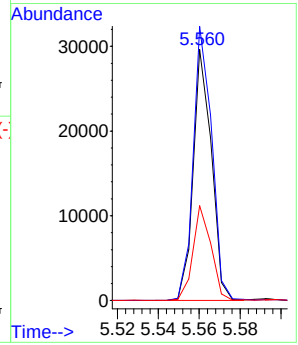


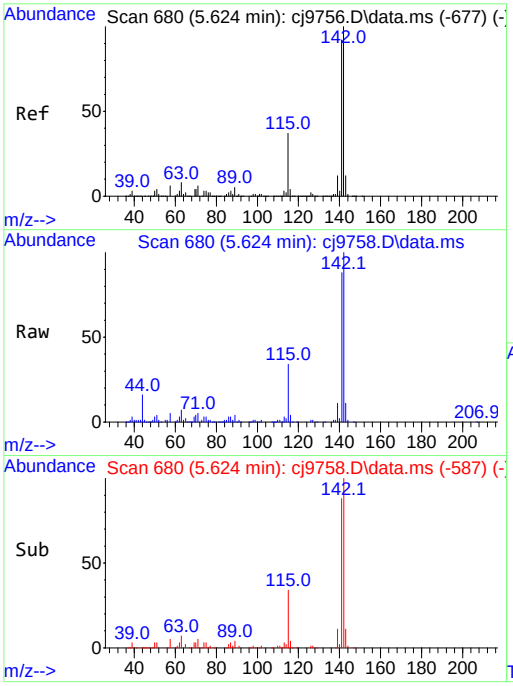


#44
2-Methylnaphthalene
Concen: 2.00 ppm
RT: 5.560 min Scan# 668
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:141 Resp: 18410

Ion	Ratio	Lower	Upper
141	100		
142	109.1	80.2	140.2
115	37.7	7.4	67.4

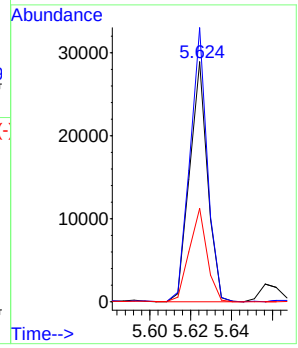


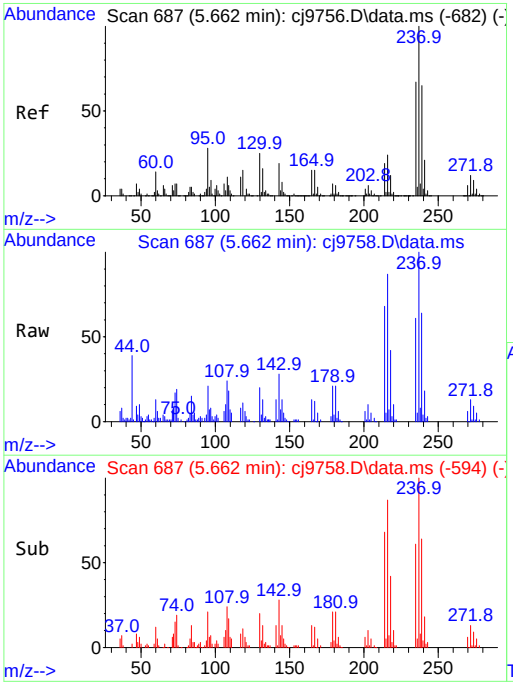


#45
1-Methylnaphthalene
Concen: 2.04 ppm
RT: 5.624 min Scan# 680
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:141 Resp: 17703

Ion	Ratio	Lower	Upper
141	100		
142	114.2	79.3	139.3
115	38.8	10.2	70.2

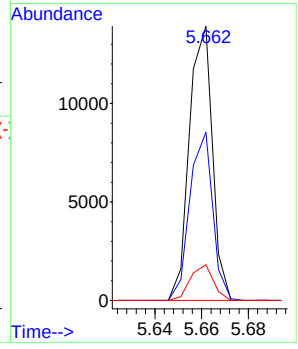


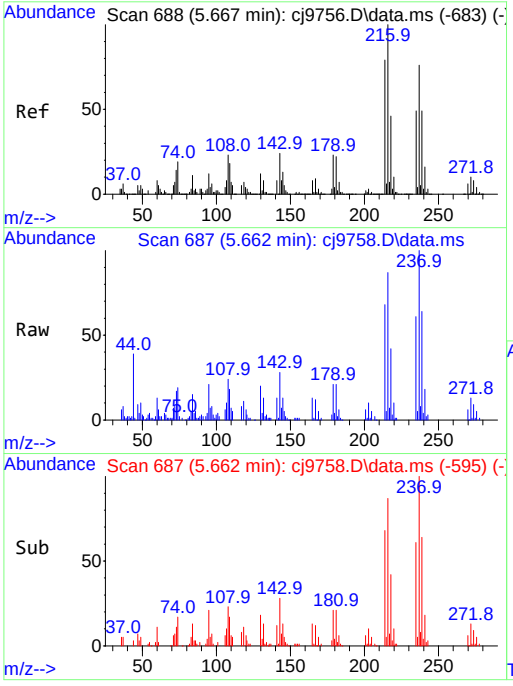


#47
Hexachlorocyclopentadiene
Concen: 3.79 ppm
RT: 5.662 min Scan# 687
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:237 Resp: 9519

Ion	Ratio	Lower	Upper
237	100		
235	61.3	37.2	97.2
272	13.0	0.0	41.7

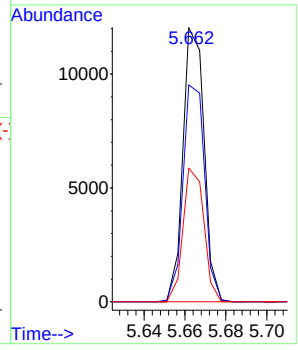


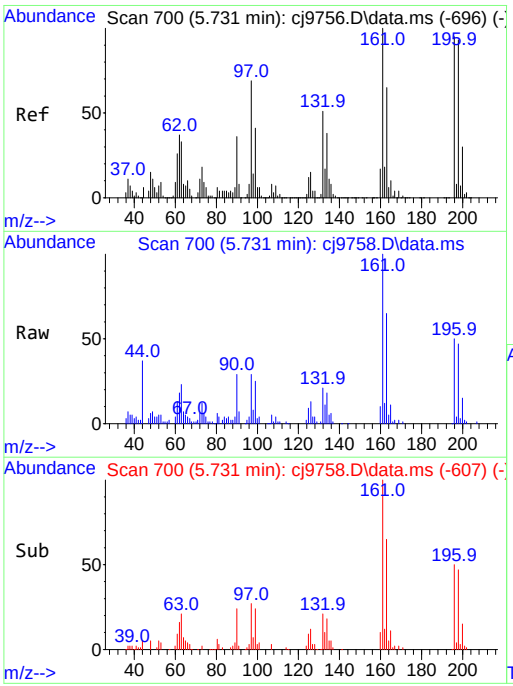


#48
1,2,4,5-tetrachlorobenzene
Concen: 1.97 ppm
RT: 5.662 min Scan# 687
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:216 Resp: 8684

Ion	Ratio	Lower	Upper
216	100		
214	81.3	62.8	94.2
218	48.1	37.3	55.9

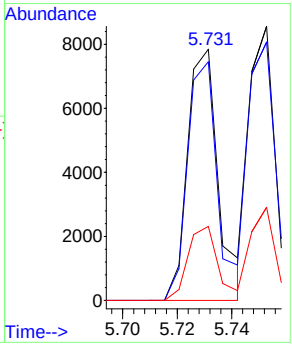


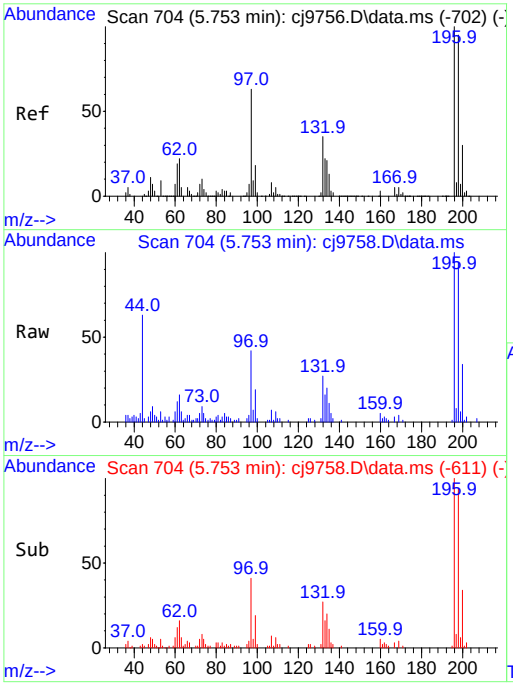


#49
2,4,6-Trichlorophenol
Concen: 2.04 ppm
RT: 5.731 min Scan# 700
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:196 Resp: 6159

Ion	Ratio	Lower	Upper
196	100		
198	96.2	67.2	127.2
200	30.1	0.8	60.8

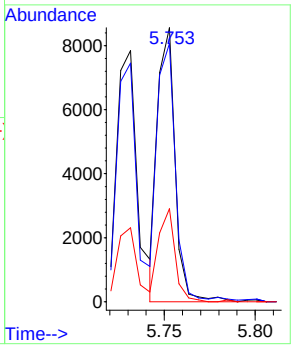


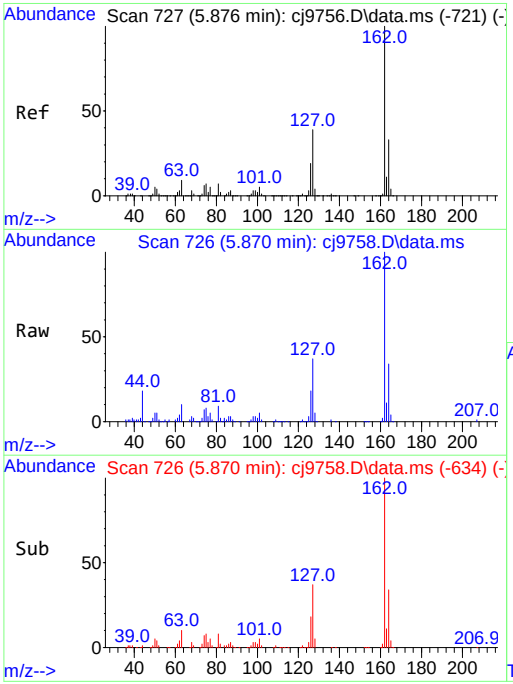


#50
2,4,5-Trichlorophenol
Concen: 1.77 ppm
RT: 5.753 min Scan# 704
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:196 Resp: 5798

Ion	Ratio	Lower	Upper
196	100		
198	94.8	65.1	125.1
200	34.9	0.0	60.0

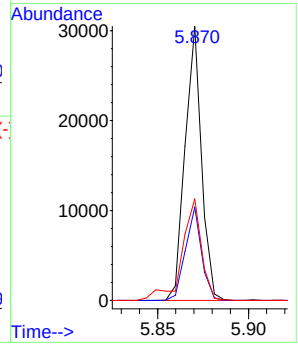


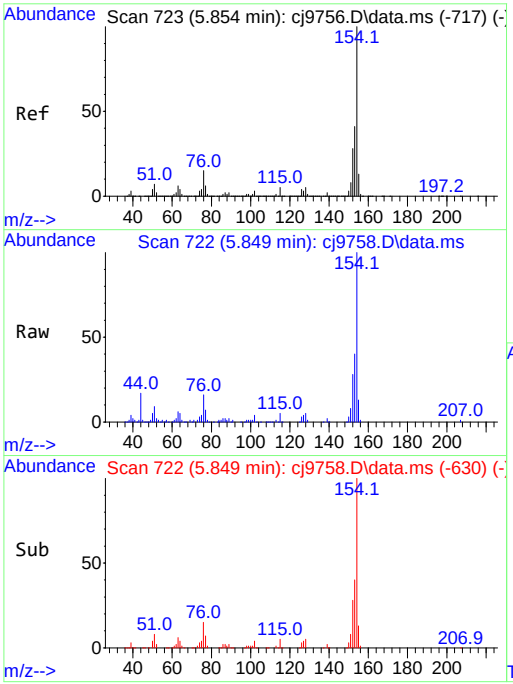


#52
2-Chloronaphthalene
Concen: 2.02 ppm
RT: 5.870 min Scan# 726
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:162 Resp: 19066

Ion	Ratio	Lower	Upper
162	100		
164	34.1	3.5	63.5
127	35.1	9.4	69.4

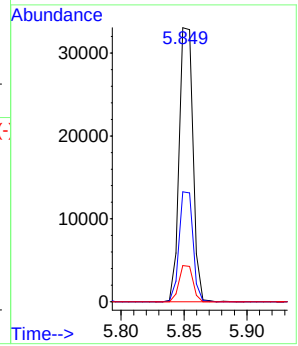


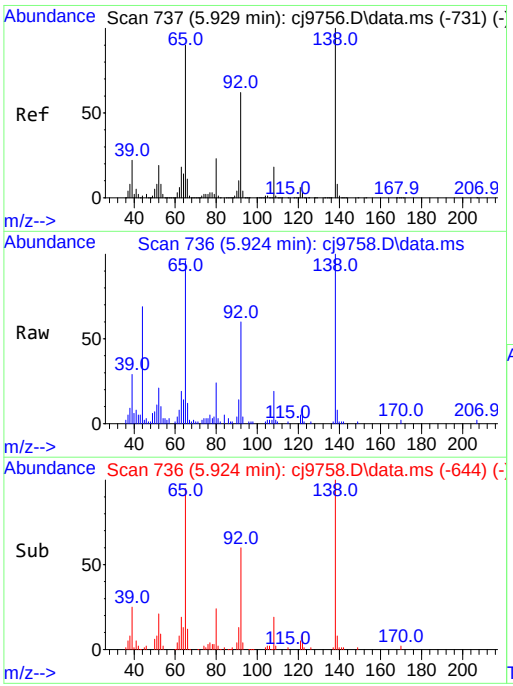


#53
Biphenyl
Concen: 2.07 ppm
RT: 5.849 min Scan# 722
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:154 Resp: 25096

Ion	Ratio	Lower	Upper
154	100		
153	40.1	11.4	71.4
155	13.2	0.0	43.2

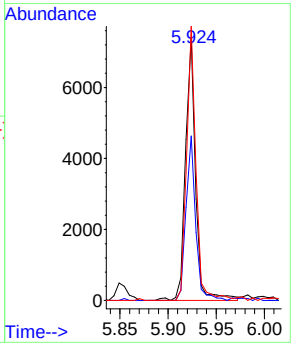


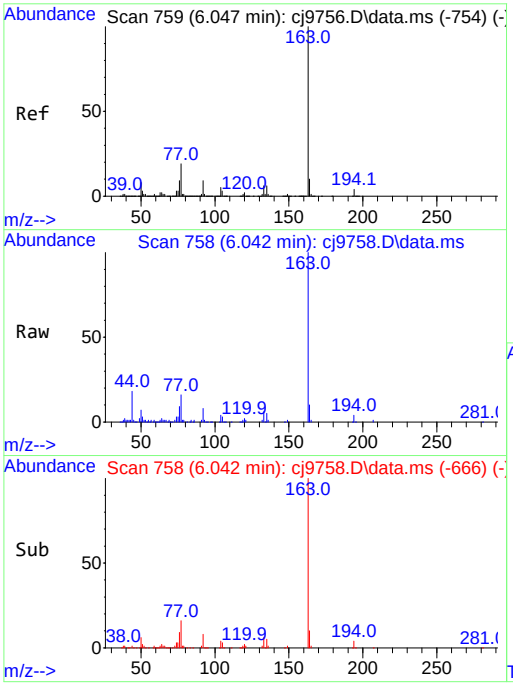


#54
2-Nitroaniline
Concen: 1.81 ppm
RT: 5.924 min Scan# 736
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 65 Resp: 5465

Ion	Ratio	Lower	Upper
65	100		
92	62.6	38.9	98.9
138	104.5	81.3	141.3

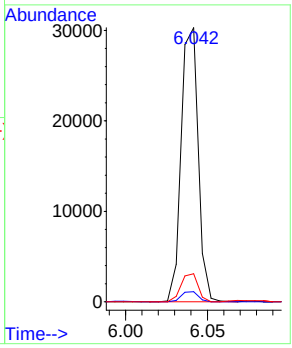


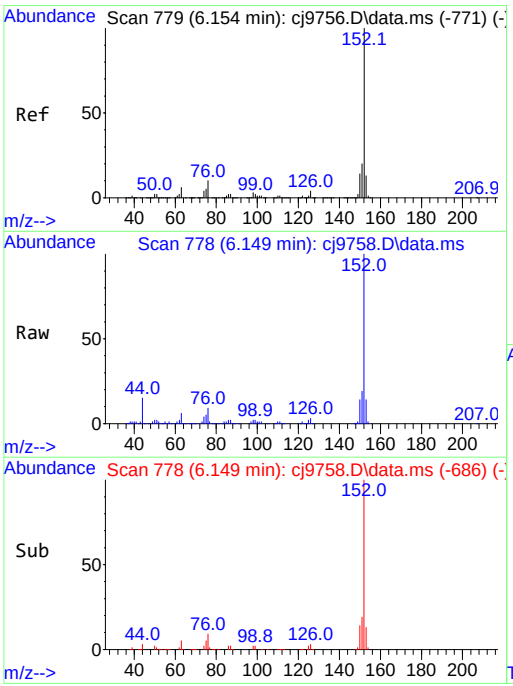


#55
Dimethylphthalate
Concen: 2.00 ppm
RT: 6.042 min Scan# 758
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:163 Resp: 22116

Ion	Ratio	Lower	Upper
163	100		
194	3.7	0.0	34.1
164	10.0	0.0	40.2

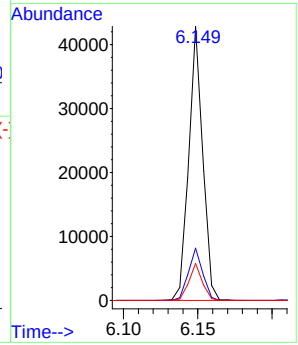


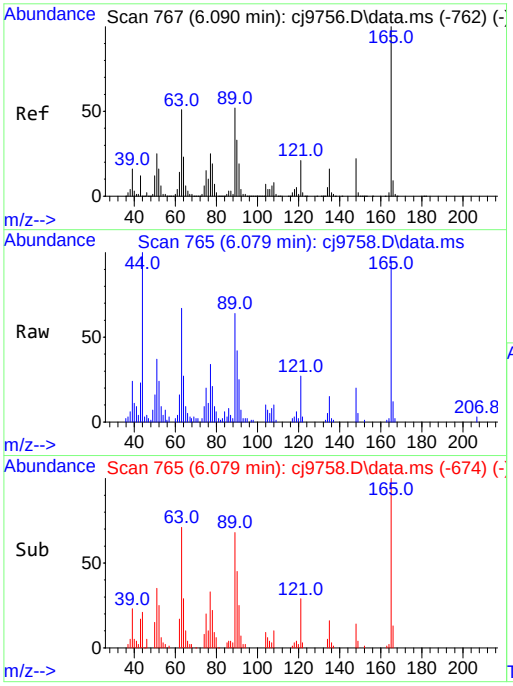


#56
Acenaphthylene
Concen: 2.03 ppm
RT: 6.149 min Scan# 778
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:152 Resp: 27907

Ion	Ratio	Lower	Upper
152	100		
151	19.1	0.0	50.2
153	13.5	0.0	43.2

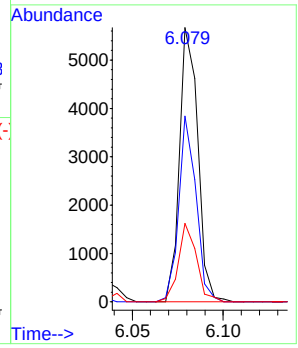


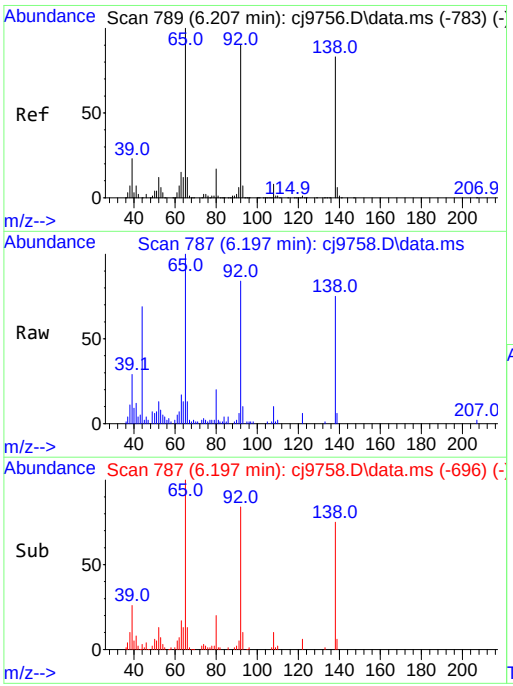


#57
2,6-Dinitrotoluene
Concen: 1.63 ppm
RT: 6.079 min Scan# 765
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:165 Resp: 3971

Ion	Ratio	Lower	Upper
165	100		
89	67.7	21.5	81.5
121	28.6	0.0	50.9

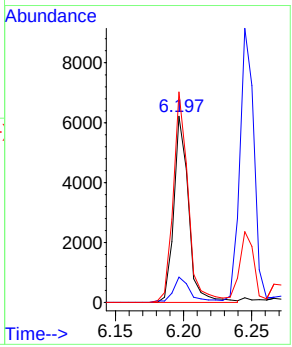


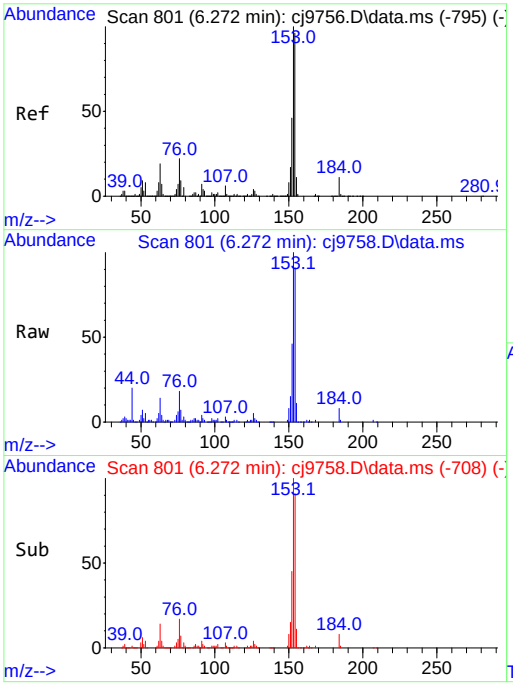


#58
3-Nitroaniline
Concen: 1.64 ppm
RT: 6.197 min Scan# 787
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:138 Resp: 4675

Ion	Ratio	Lower	Upper
138	100		
108	0.0	0.0	39.2
92	106.8	78.1	138.1

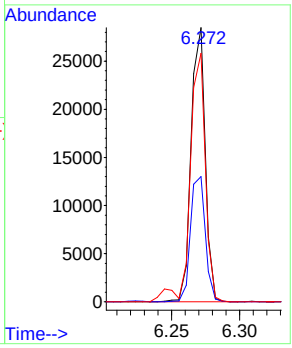


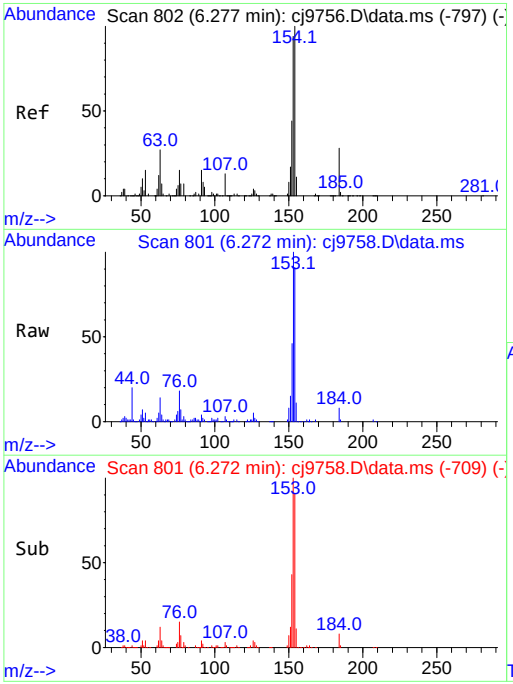


#59
Acenaphthene
Concen: 2.06 ppm
RT: 6.272 min Scan# 801
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:153 Resp: 20366

Ion	Ratio	Lower	Upper
153	100		
152	45.7	16.3	76.3
154	90.6	65.5	125.5

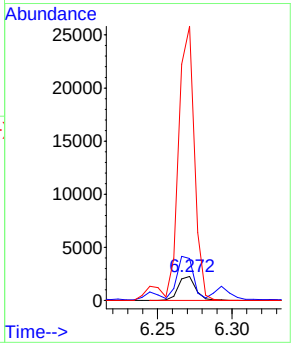


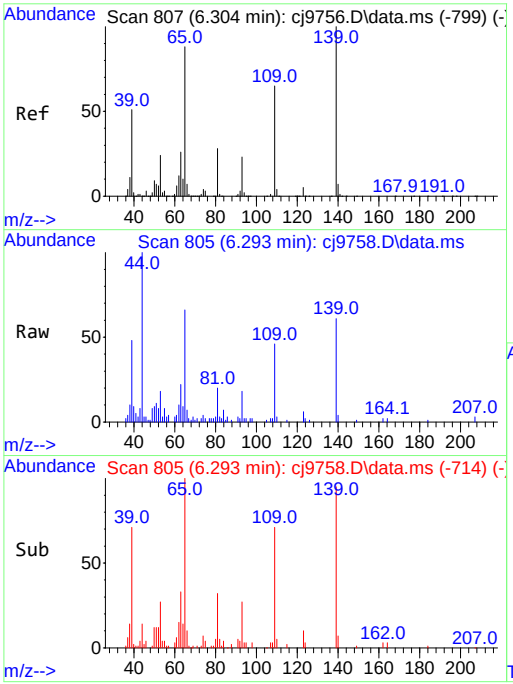


#60
2,4-Dinitrophenol
Concen: 1.38 ppm
RT: 6.272 min Scan# 801
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:184 Resp: 1862

Ion	Ratio	Lower	Upper
184	100		
63	151.1	66.5	126.5#
154	1115.2	333.5	393.5#

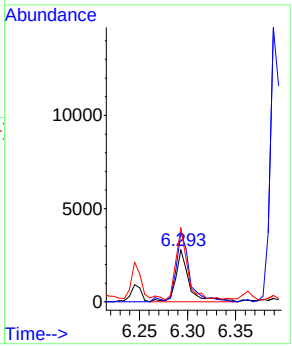


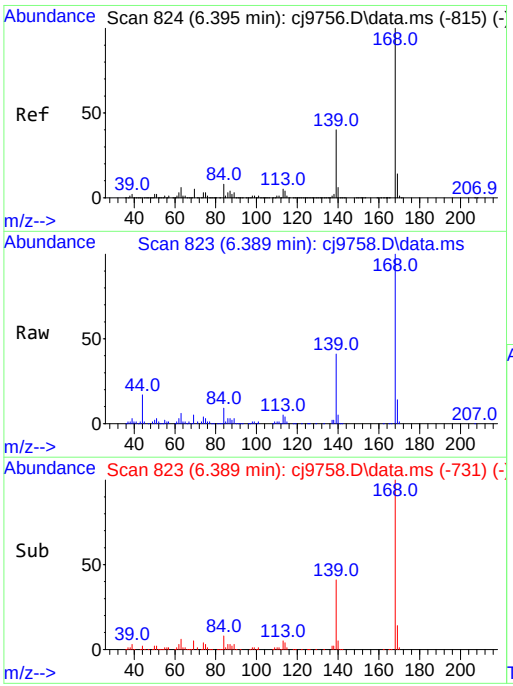


#61
4-Nitrophenol
Concen: 1.67 ppm
RT: 6.293 min Scan# 805
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:109 Resp: 2641

Ion	Ratio	Lower	Upper
109	100		
139	133.7	125.2	185.2
65	136.1	105.7	165.7

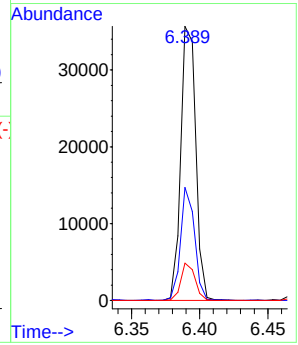


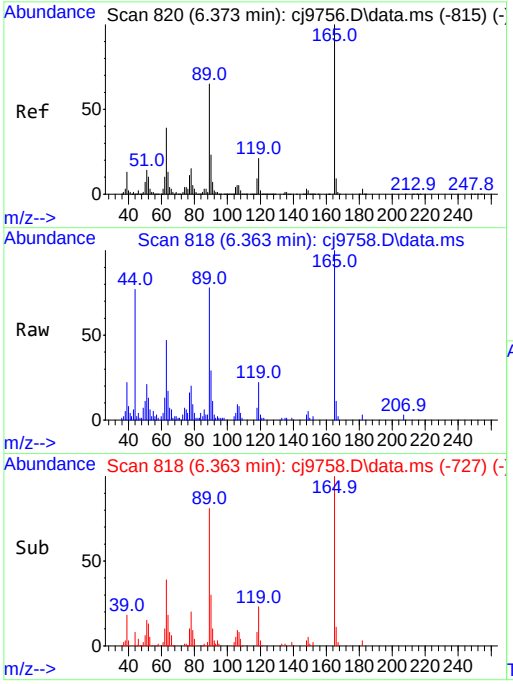


#62
Dibenzofuran
Concen: 2.08 ppm
RT: 6.389 min Scan# 823
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:168 Resp: 27447

Ion	Ratio	Lower	Upper
168	100		
139	41.2	10.5	70.5
169	13.6	0.0	43.5

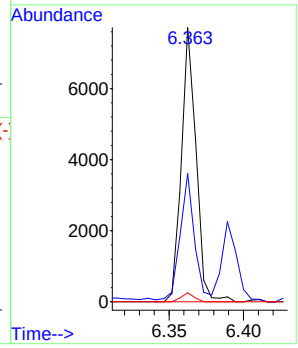


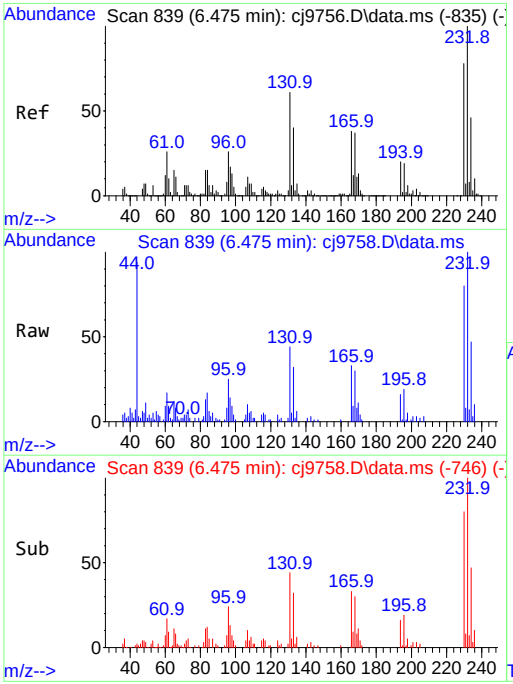


#63
2,4-Dinitrotoluene
Concen: 1.59 ppm
RT: 6.363 min Scan# 818
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:165 Resp: 5308

Ion	Ratio	Lower	Upper
165	100		
63	44.1	9.3	69.3
182	3.3	0.0	33.1

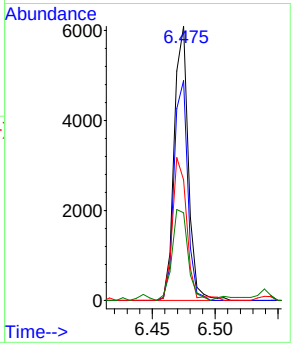


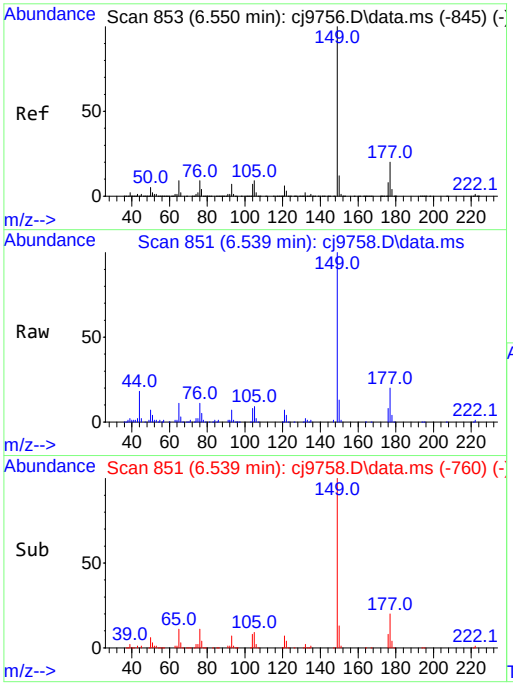


#64
2,3,4,6-Tetrachlorophenol
Concen: 1.87 ppm
RT: 6.475 min Scan# 839
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:232 Resp: 4734

Ion	Ratio	Lower	Upper
232	100		
230	80.2	48.2	108.2
131	44.0	30.7	90.7
133	31.0	9.7	69.7

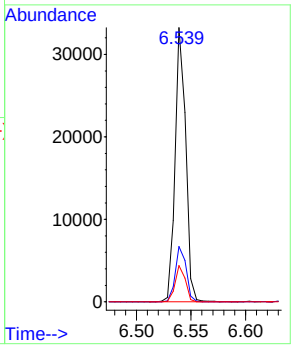


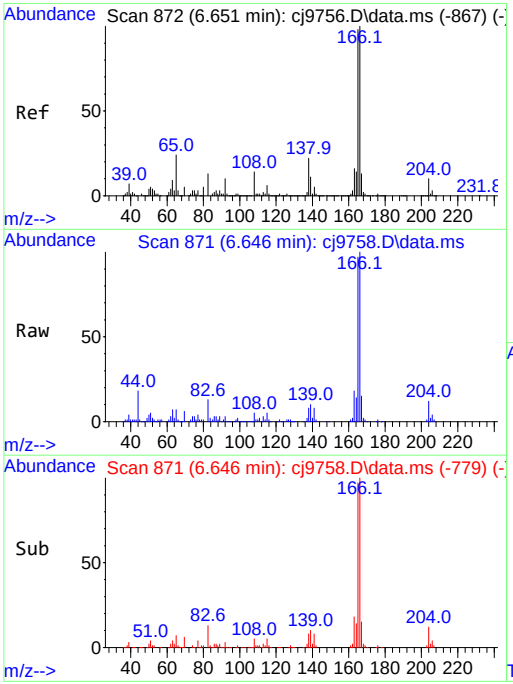


#65
Diethylphthalate
Concen: 1.96 ppm
RT: 6.539 min Scan# 851
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:149 Resp: 22507

Ion	Ratio	Lower	Upper
149	100		
177	20.2	0.0	50.1
150	13.2	0.0	42.3

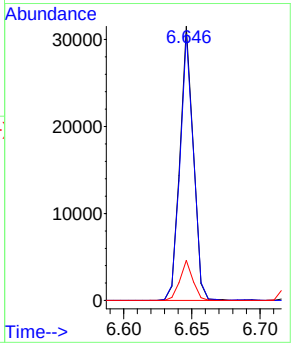


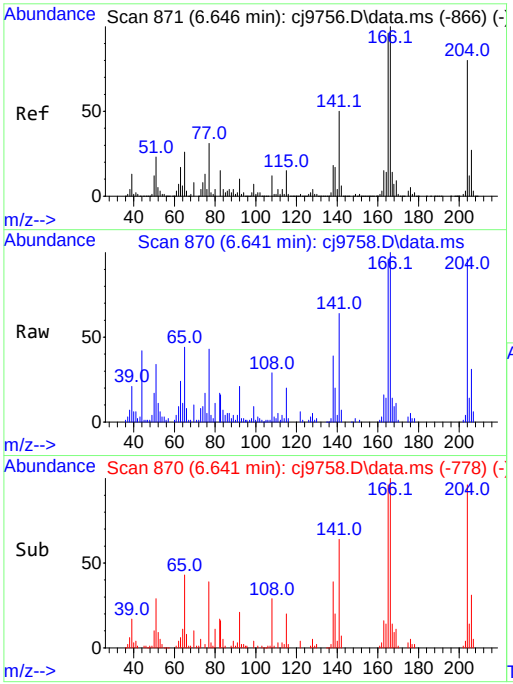


#66
Fluorene
Concen: 2.04 ppm
RT: 6.646 min Scan# 871
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:166 Resp: 21464

Ion	Ratio	Lower	Upper
166	100		
165	96.9	68.3	128.3
167	14.6	0.0	43.4

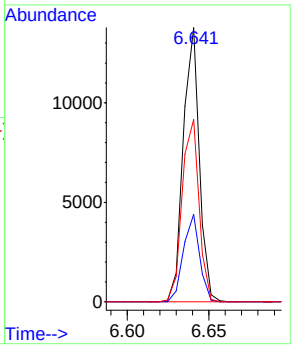


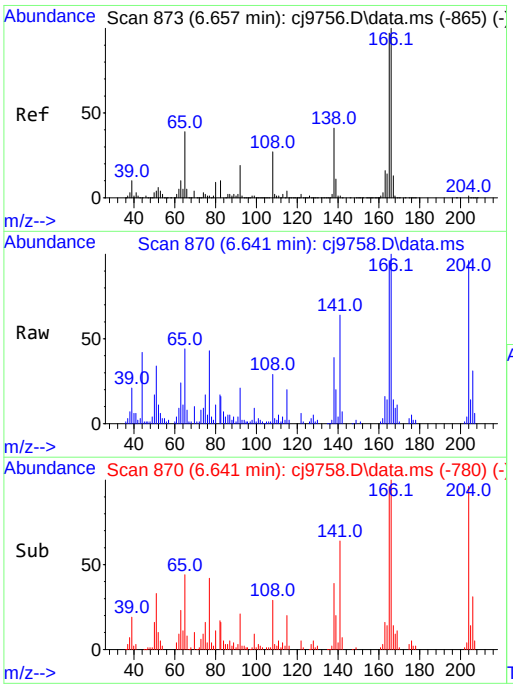


#67
4-Chlorophenyl-phenylether
Concen: 1.97 ppm
RT: 6.641 min Scan# 870
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:204 Resp: 9448

Ion	Ratio	Lower	Upper
204	100		
206	31.9	4.0	64.0
141	66.5	33.0	93.0

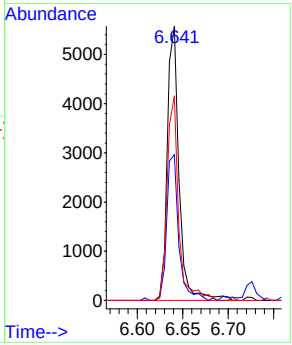


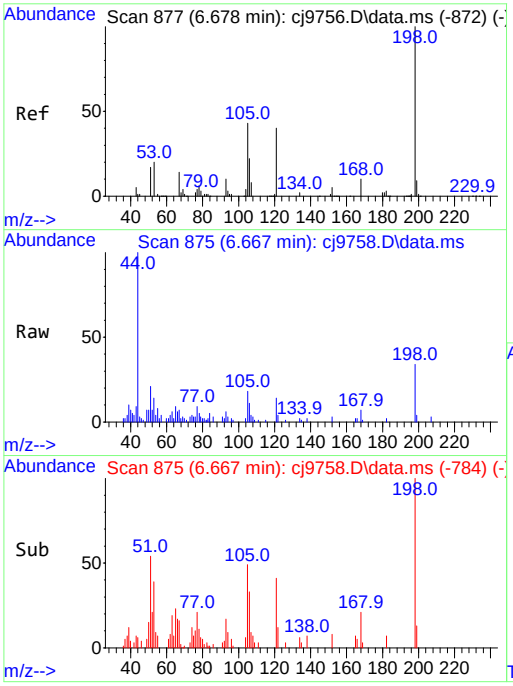


#68
4-Nitroaniline
Concen: 1.69 ppm
RT: 6.641 min Scan# 870
Delta R.T. -0.016 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:138 Resp: 5051

Ion	Ratio	Lower	Upper
138	100		
92	52.7	15.3	75.3
108	74.5	36.8	96.8

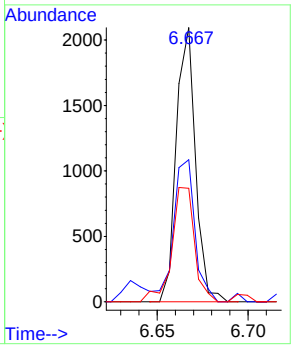


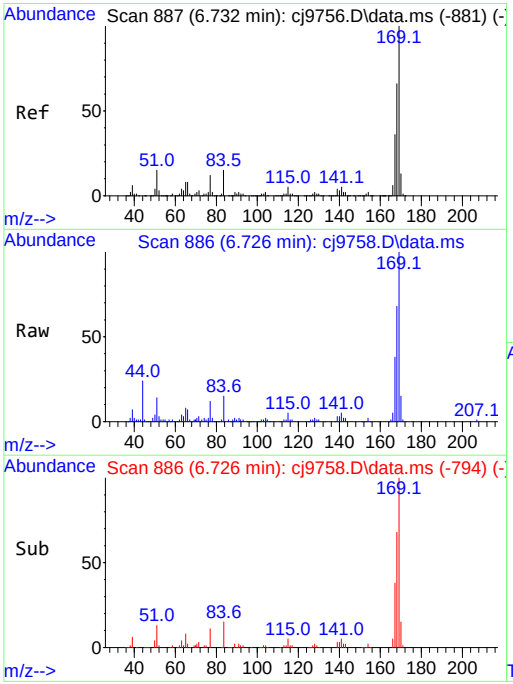


#70
4,6-Dinitro-2-methylphenol
Concen: 0.86 ppm
RT: 6.667 min Scan# 875
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:198 Resp: 1532

Ion	Ratio	Lower	Upper
198	100		
105	48.3	5.0	65.0
121	38.1	10.0	70.0

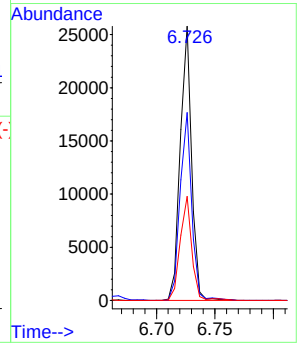


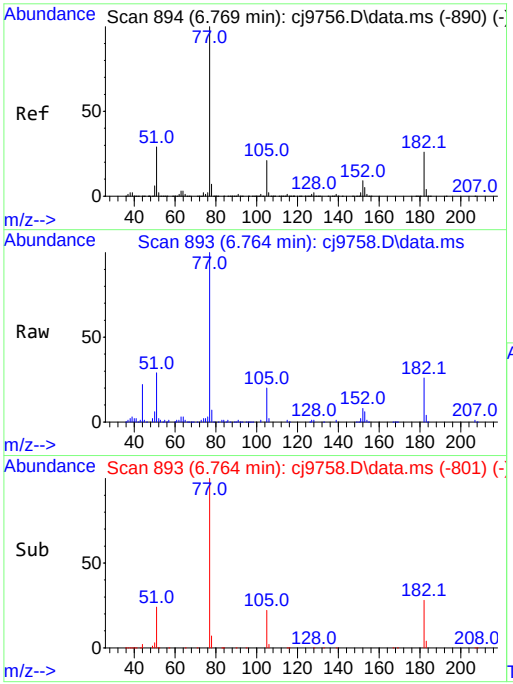


#71
n-Nitrosodiphenylamine
Concen: 1.87 ppm
RT: 6.726 min Scan# 886
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:169 Resp: 17416

Ion	Ratio	Lower	Upper
169	100		
168	68.5	36.0	96.0
167	37.9	5.9	65.9

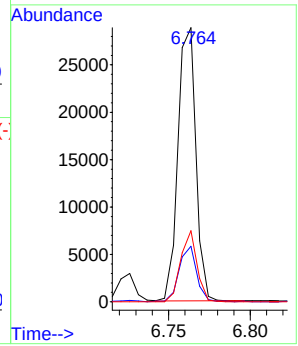


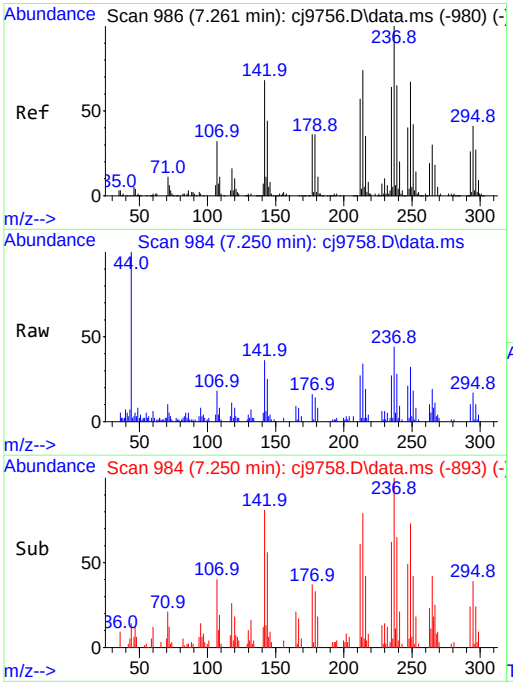


#72
1,2-Diphenylhydrazine
Concen: 1.95 ppm
RT: 6.764 min Scan# 893
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 77 Resp: 22023

Ion	Ratio	Lower	Upper
77	100		
105	20.1	0.0	51.2
182	26.0	0.0	55.7

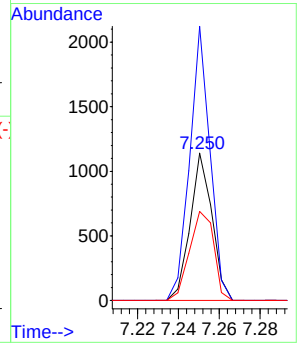


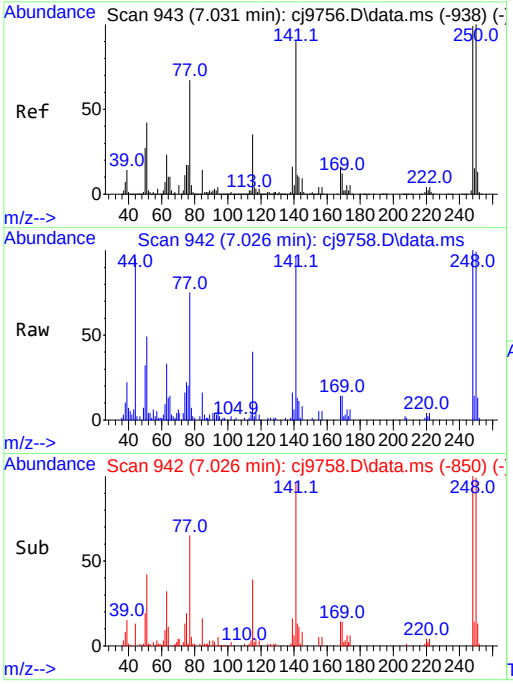


#73
pentachloronitrobenzene
Concen: 1.72 ppm
RT: 7.250 min Scan# 984
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:295 Resp: 849

Ion	Ratio	Lower	Upper
295	100		
249	172.8	132.3	198.5
297	67.1	50.6	75.8

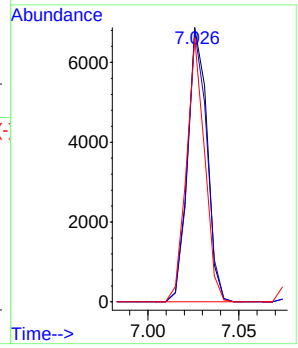


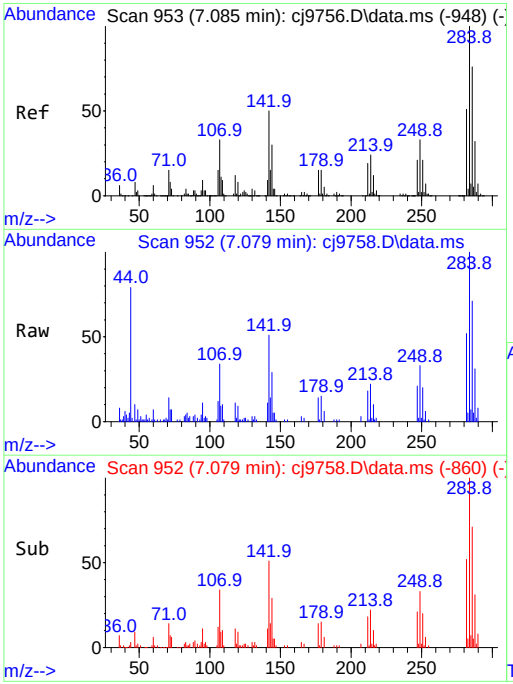


#75
4-Bromophenyl-phenylether
Concen: 1.90 ppm
RT: 7.026 min Scan# 942
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:248 Resp: 5136

Ion	Ratio	Lower	Upper
248	100		
250	98.7	71.3	131.3
141	96.1	61.3	121.3

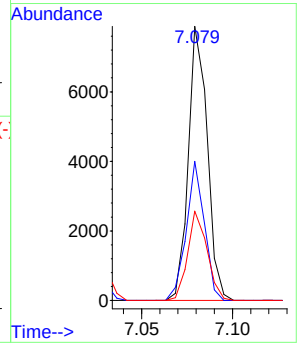


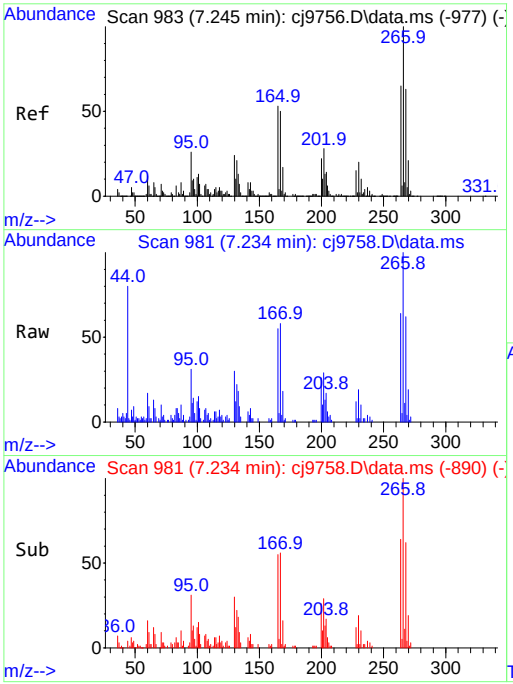


#76
Hexachlorobenzene
Concen: 2.00 ppm
RT: 7.079 min Scan# 952
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:284 Resp: 5697

Ion	Ratio	Lower	Upper
284	100		
142	50.7	20.3	80.3
249	32.6	3.5	63.5

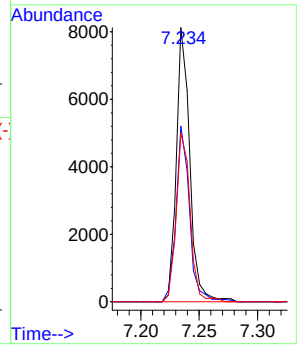


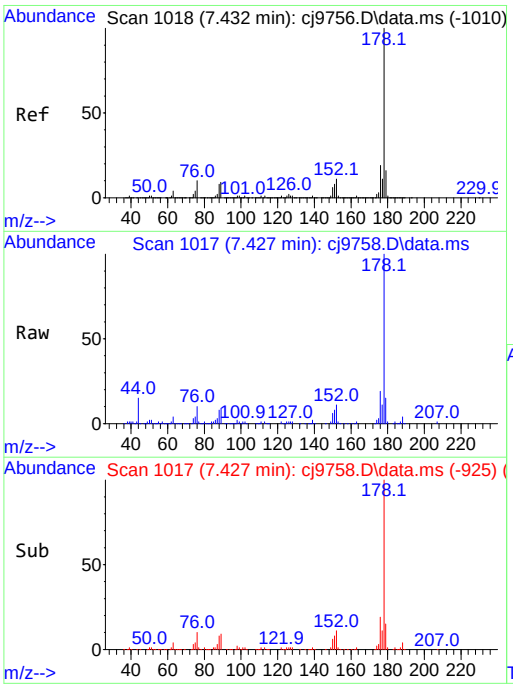


#77
Pentachlorophenol
Concen: 3.10 ppm
RT: 7.234 min Scan# 981
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:266 Resp: 6496

Ion	Ratio	Lower	Upper
266	100		
264	64.1	35.3	95.3
268	61.5	33.4	93.4

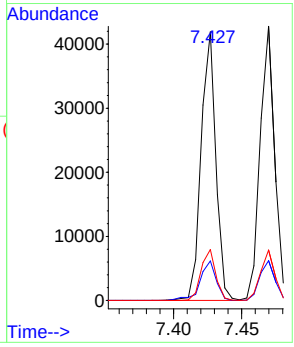


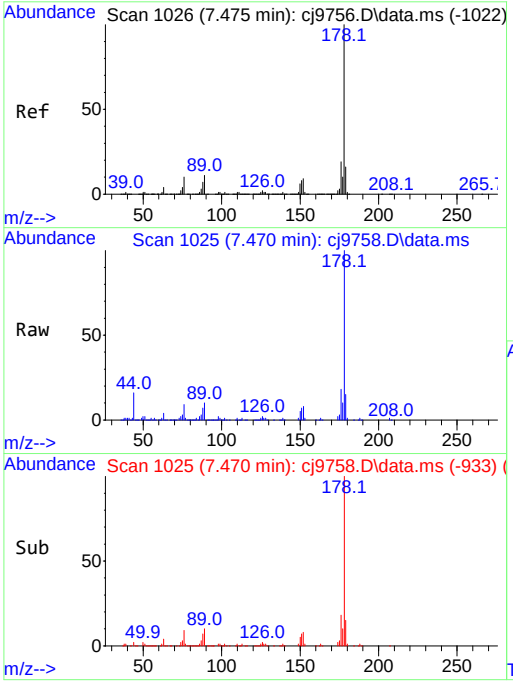


#78
Phenanthrene
Concen: 2.04 ppm
RT: 7.427 min Scan# 1017
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:178 Resp: 31678

Ion	Ratio	Lower	Upper
178	100		
179	14.8	0.0	45.6
176	19.0	0.0	49.4

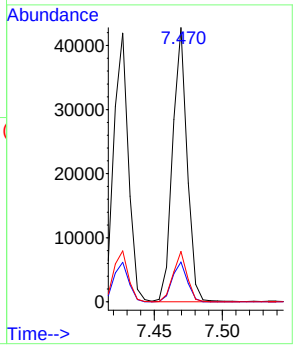


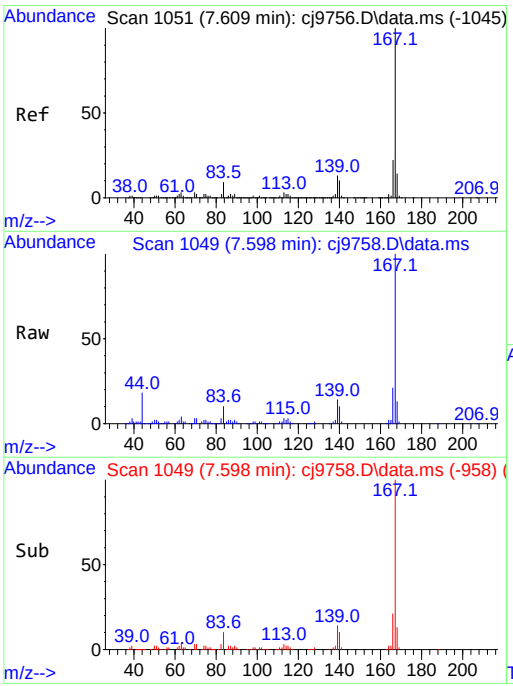


#79
Anthracene
Concen: 2.04 ppm
RT: 7.470 min Scan# 1025
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:178 Resp: 31820

Ion	Ratio	Lower	Upper
178	100		
179	14.5	0.0	45.9
176	18.4	0.0	48.6

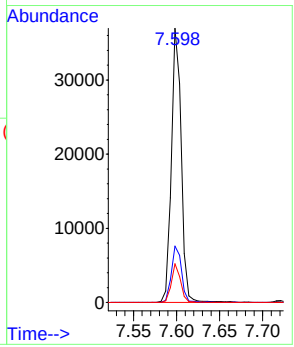


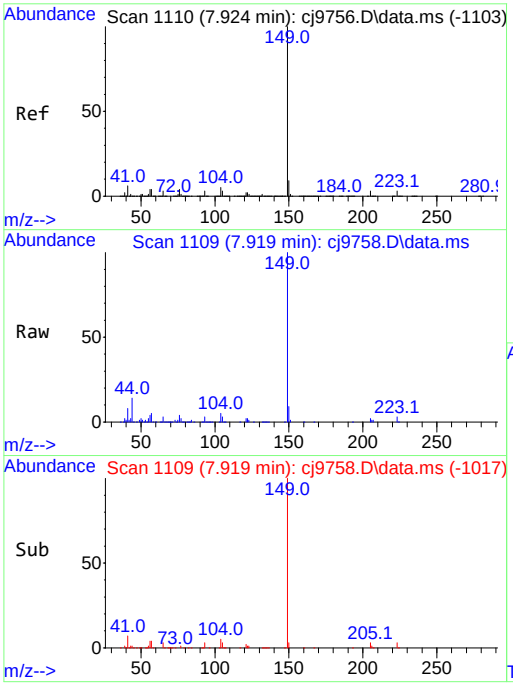


#80
Carbazole
Concen: 1.93 ppm
RT: 7.598 min Scan# 1049
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:167 Resp: 29310

Ion	Ratio	Lower	Upper
167	100		
166	20.6	0.0	51.6
139	14.1	0.0	43.1

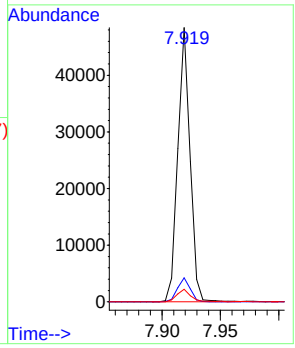


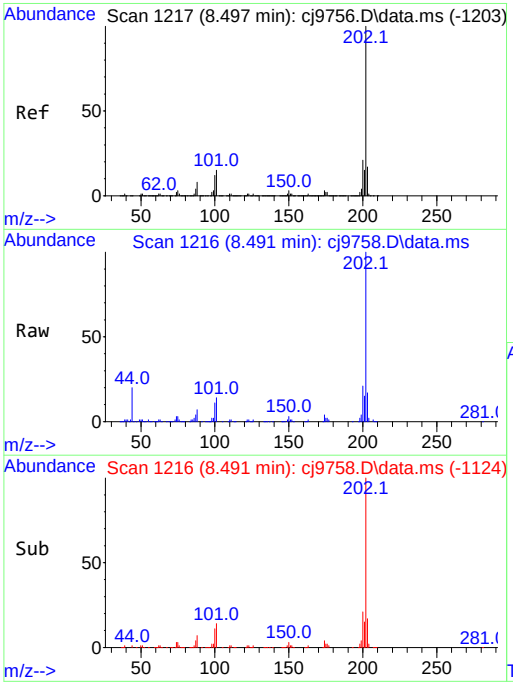


#81
Di-n-butylphthalate
Concen: 1.75 ppm
RT: 7.919 min Scan# 1109
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:149 Resp: 35225

Ion	Ratio	Lower	Upper
149	100		
150	8.8	0.0	39.2
104	4.5	0.0	34.6

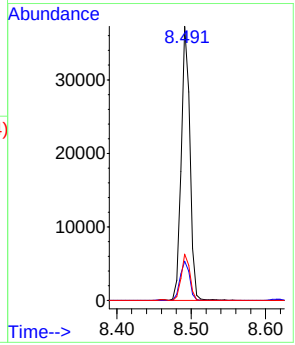


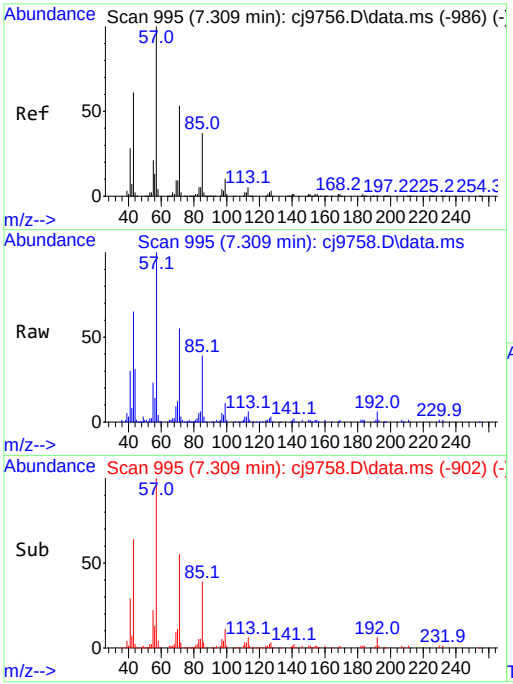


#82
Fluoranthene
Concen: 1.82 ppm
RT: 8.491 min Scan# 1216
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:202 Resp: 30460

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	45.3
203	16.9	0.0	47.3

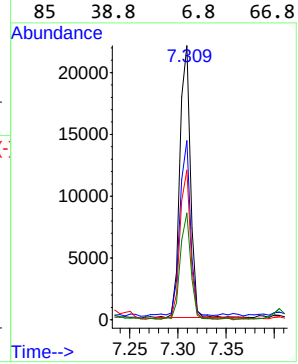


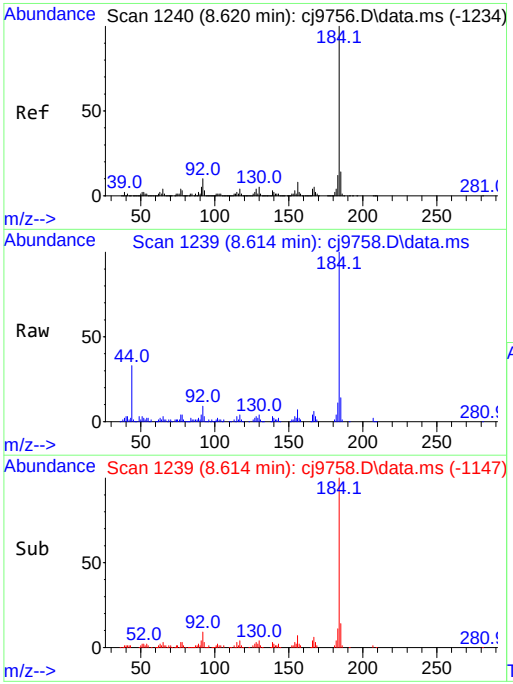


#83
Octadecane
Concen: 1.81 ppm
RT: 7.309 min Scan# 995
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion: 57 Resp: 16698

Ion	Ratio	Lower	Upper
57	100		
43	64.3	31.1	91.1
71	54.7	23.7	83.7
85	38.8	6.8	66.8

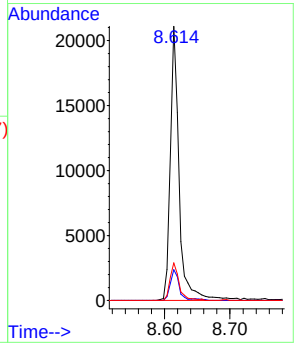


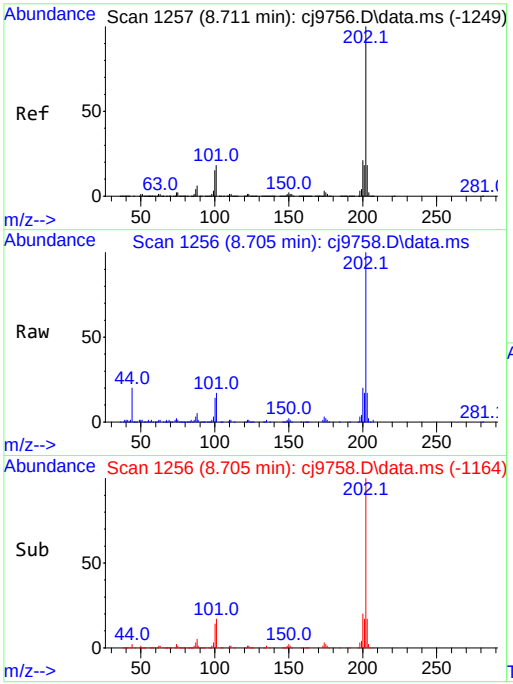


#85
benzidine
Concen: 2.20 ppm
RT: 8.614 min Scan# 1239
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:184 Resp: 20025

Ion	Ratio	Lower	Upper
184	100		
183	10.9	9.5	14.3
185	14.2	11.0	16.4

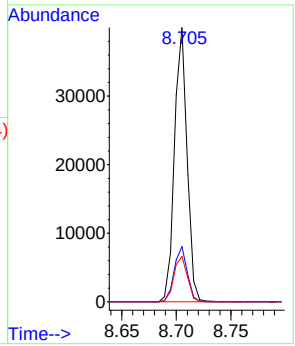


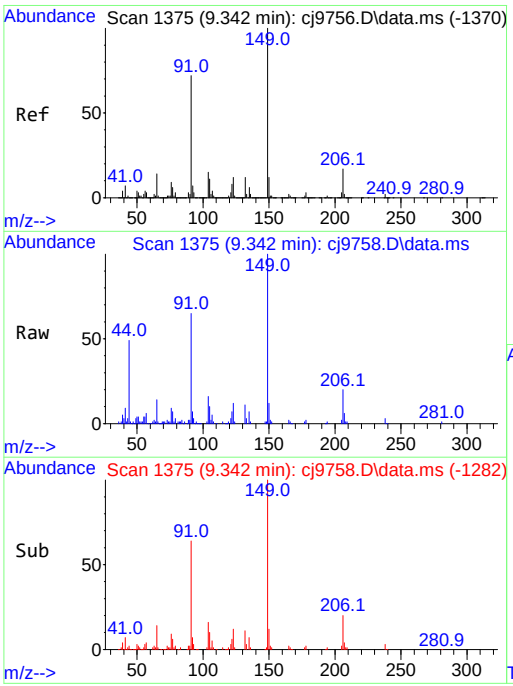


#86
Pyrene
Concen: 1.99 ppm
RT: 8.705 min Scan# 1256
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:202 Resp: 32212

Ion	Ratio	Lower	Upper
202	100		
200	20.2	0.0	51.1
203	16.6	0.0	47.7

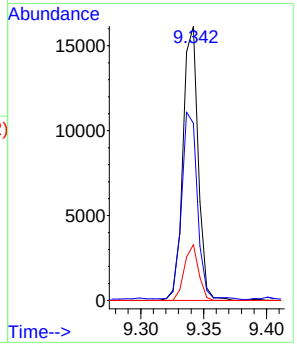


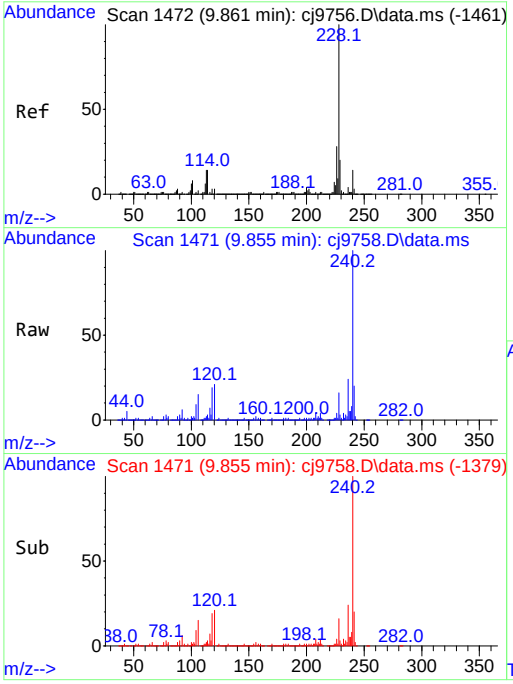


#88
Butylbenzylphthalate
Concen: 1.59 ppm
RT: 9.342 min Scan# 1375
Delta R.T. -0.000 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:149 Resp: 13618

Ion	Ratio	Lower	Upper
149	100		
91	64.1	41.7	101.7
206	20.4	0.0	47.1

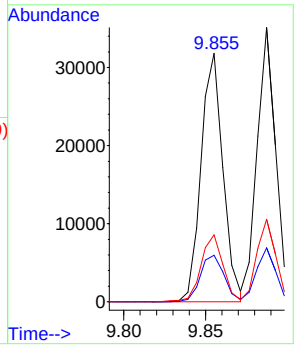


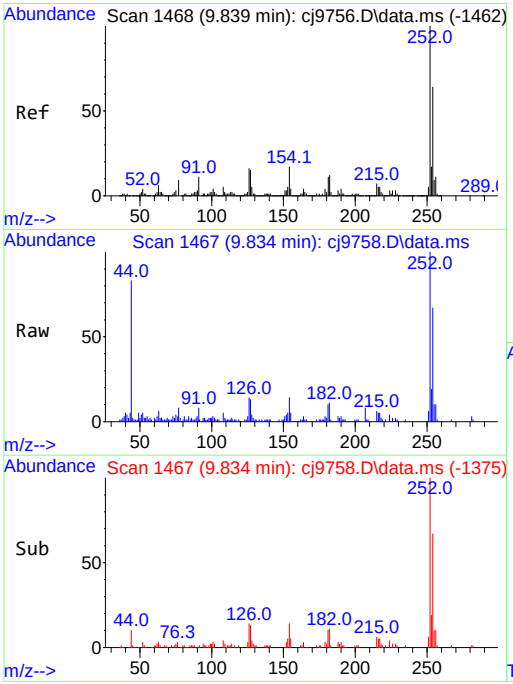


#89
Benzo[a]anthracene
Concen: 1.98 ppm
RT: 9.855 min Scan# 1471
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:228 Resp: 29595

Ion	Ratio	Lower	Upper
228	100		
229	18.6	0.0	50.0
226	27.1	0.0	57.8

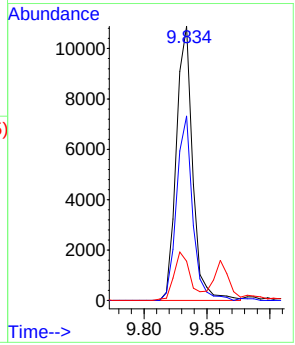


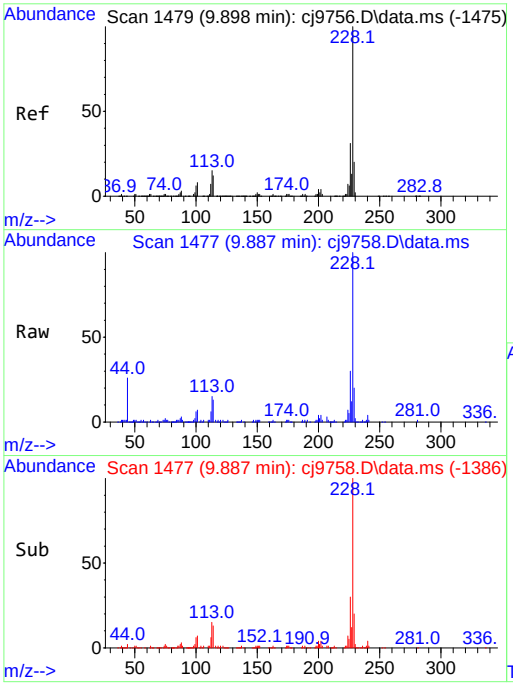


#90
3,3'-Dichlorobenzidine
Concen: 1.68 ppm
RT: 9.834 min Scan# 1467
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:252 Resp: 9783

Ion	Ratio	Lower	Upper
252	100		
254	67.1	34.1	94.1
126	13.8	0.0	45.7

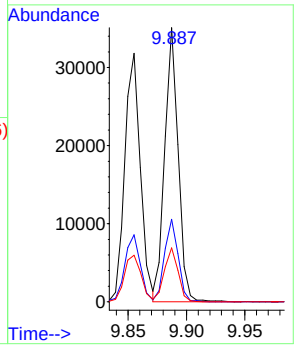


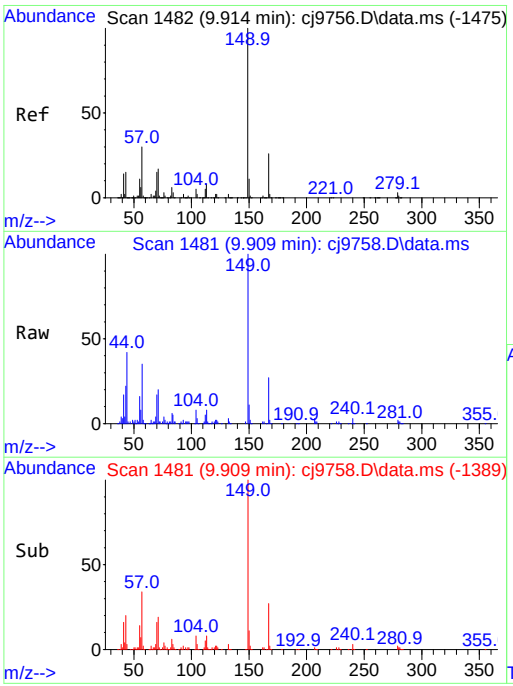


#91
Chrysene
Concen: 2.00 ppm
RT: 9.887 min Scan# 1477
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:228 Resp: 28146

Ion	Ratio	Lower	Upper
228	100		
226	30.3	0.6	60.6
229	19.5	0.0	49.9

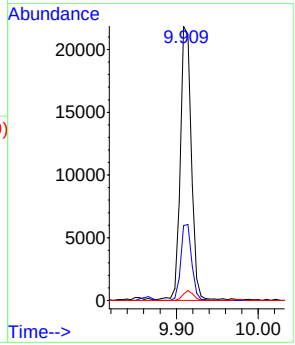


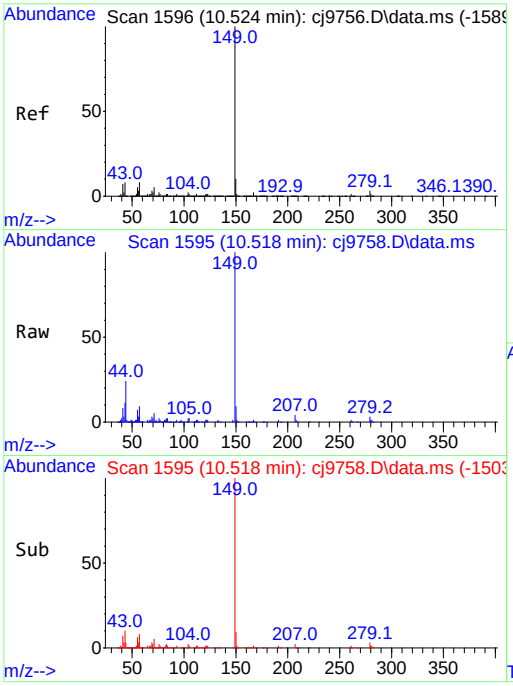


#92
bis(2-Ethylhexyl)phthalate
Concen: 1.64 ppm
RT: 9.909 min Scan# 1481
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:149 Resp: 20774

Ion	Ratio	Lower	Upper
149	100		
167	27.0	0.0	56.1
279	2.1	0.0	33.1

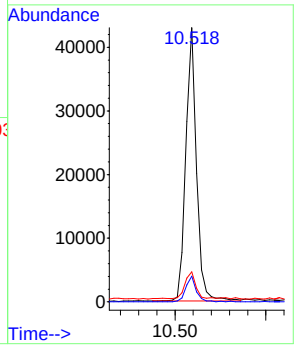


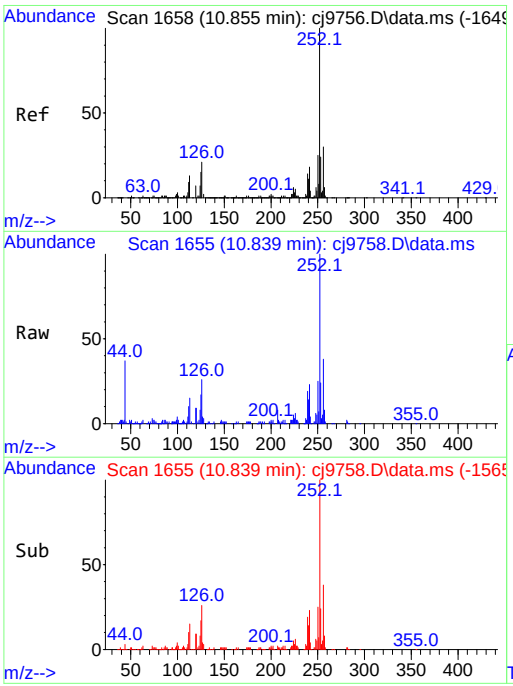


#94
Di-n-octylphthalate
Concen: 1.55 ppm
RT: 10.518 min Scan# 1595
Delta R.T. -0.005 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:149 Resp: 34868

Ion	Ratio	Lower	Upper
149	100		
150	9.4	0.0	39.6
43	9.8	0.0	38.2

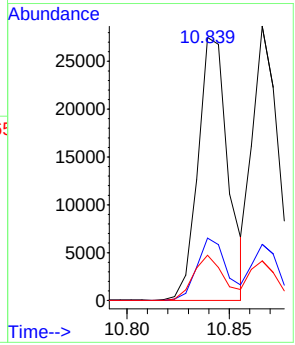


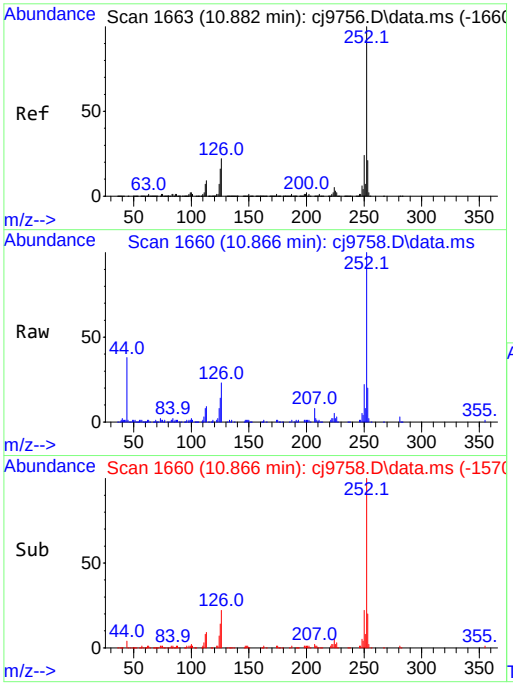


#95
Benzo[b]fluoranthene
Concen: 1.89 ppm
RT: 10.839 min Scan# 1655
Delta R.T. -0.016 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:252 Resp: 28162

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	54.1
125	17.2	0.0	45.5

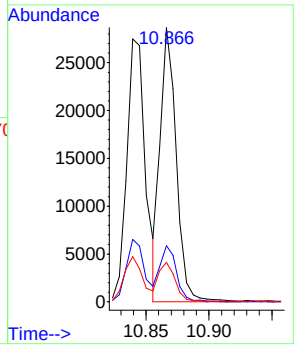


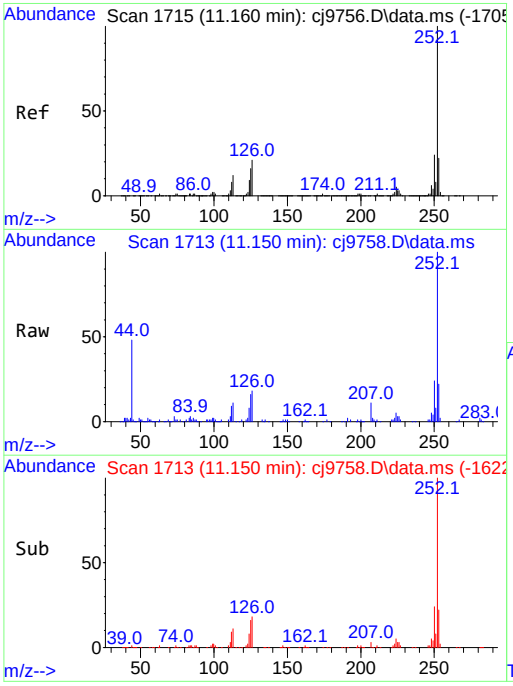


#96
Benzo[k]fluoranthene
Concen: 1.86 ppm
RT: 10.866 min Scan# 1660
Delta R.T. -0.016 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:252 Resp: 25534

Ion	Ratio	Lower	Upper
252	100		
253	20.0	0.0	51.4
125	14.0	0.0	45.5

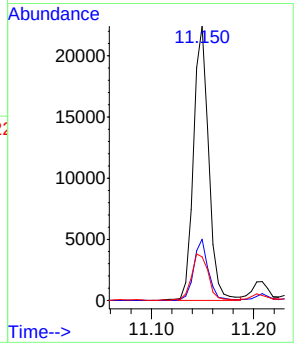


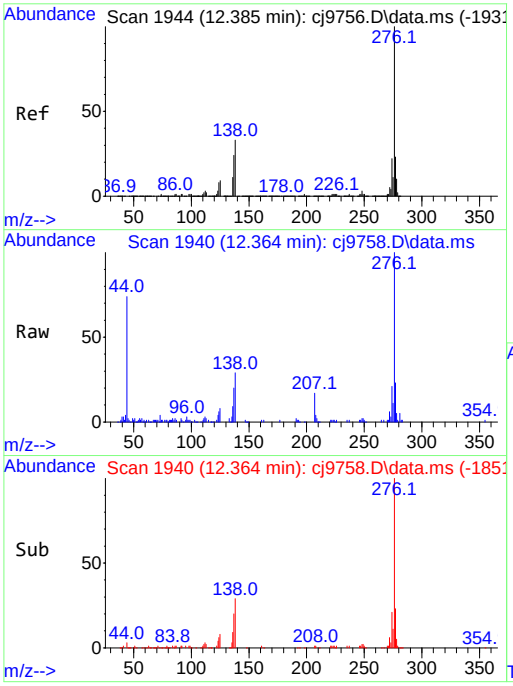


#97
Benzo[a]pyrene
Concen: 1.83 ppm
RT: 11.150 min Scan# 1713
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:252 Resp: 23196

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	51.6
125	15.8	0.0	46.4

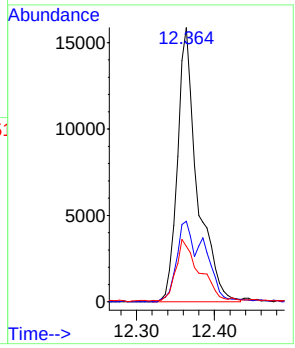


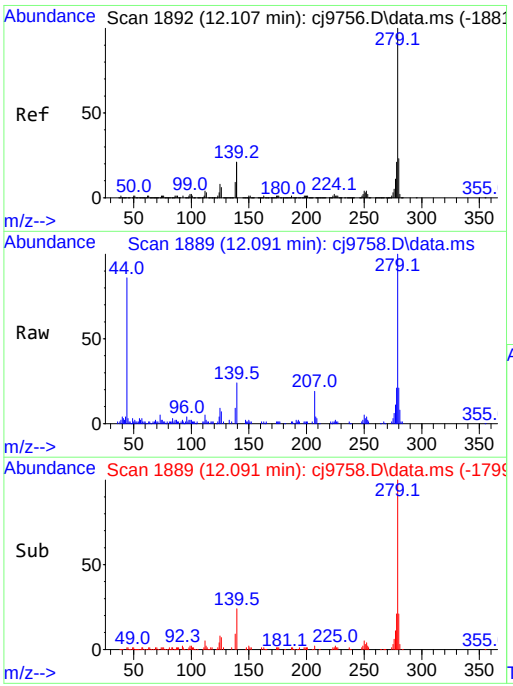


#98
Indeno[1,2,3-cd]pyrene
Concen: 1.72 ppm
RT: 12.364 min Scan# 1940
Delta R.T. -0.021 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:276 Resp: 27870

Ion	Ratio	Lower	Upper
276	100		
138	28.8	2.8	62.8
137	19.8	0.0	54.0

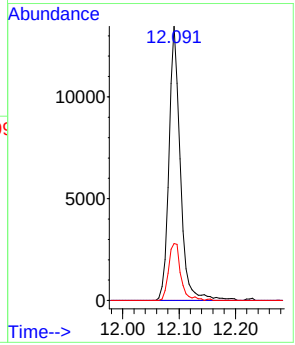


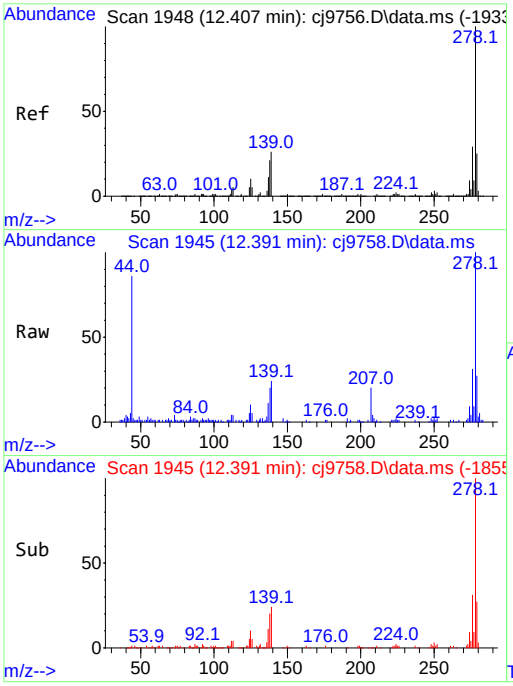


#99
Dibenz(a,h)acridine
Concen: 1.71 ppm
RT: 12.091 min Scan# 1889
Delta R.T. -0.016 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:279 Resp: 18873

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	20.7	0.0	52.6

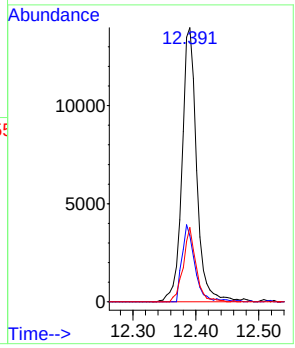


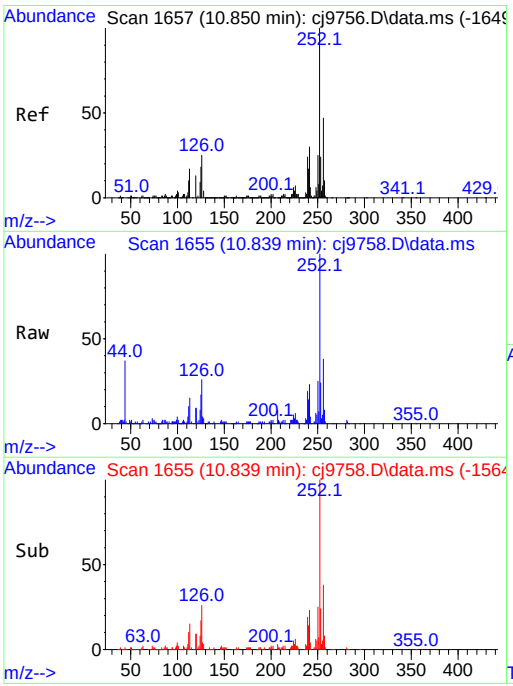


#100
Dibenz[a,h]anthracene
Concen: 1.76 ppm
RT: 12.391 min Scan# 1945
Delta R.T. -0.016 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:278 Resp: 22594

Ion	Ratio	Lower	Upper
278	100		
139	24.0	0.0	56.3
279	27.2	0.0	54.6

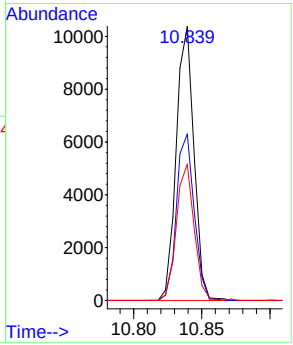


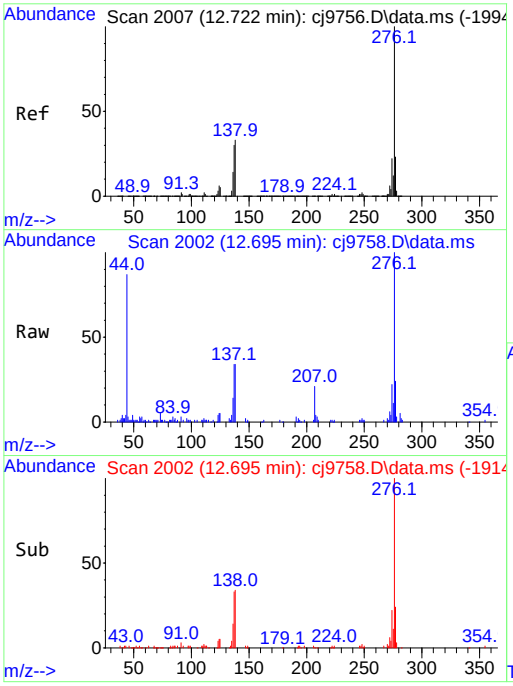


#101
7,12-Dimethylbenz(a)anthracene
Concen: 1.85 ppm
RT: 10.839 min Scan# 1655
Delta R.T. -0.011 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:256 Resp: 9349

Ion	Ratio	Lower	Upper
256	100		
241	60.7	32.7	92.7
239	49.7	20.3	80.3

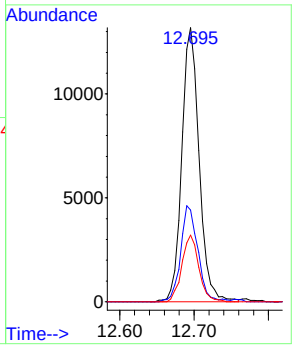




#102
Benzo[g,h,i]perylene
Concen: 1.74 ppm
RT: 12.695 min Scan# 2002
Delta R.T. -0.027 min
Lab File: cj9758.D
Acq: 17 Dec 2024 05:33 pm

Tgt Ion:276 Resp: 21322

Ion	Ratio	Lower	Upper
276	100		
138	33.2	3.3	63.3
277	24.4	0.0	53.4



Manual Integration Approval Summary

Sample Number: ECJ420-IC420
Lab FileID: CJ9758.D
Injection Time: 12/17/24 17:33

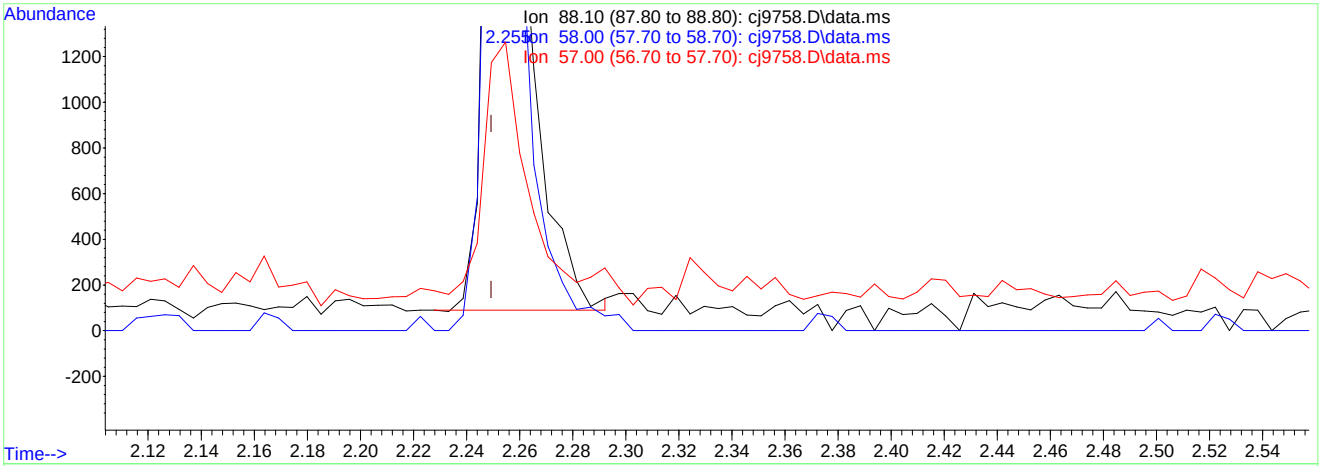
Method: SW846 8270E
Analyst approved: 12/20/24 11:38 Ying Li
Supervisor approved: 12/20/24 16:18 Nina Pandya

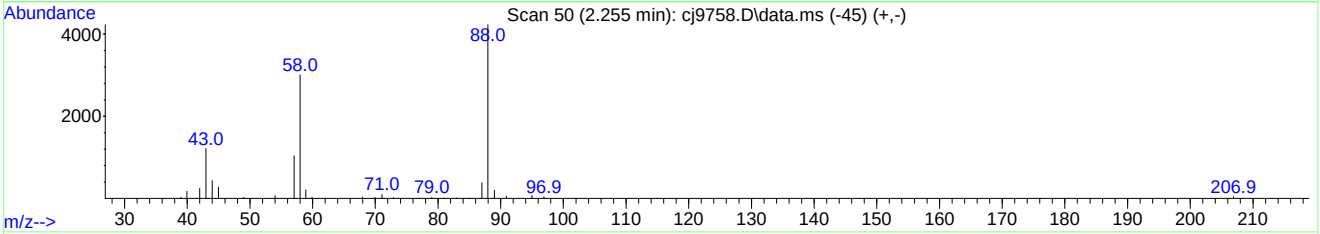
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,4-Dioxane	123-91-1		2.25	Poor instrument integration

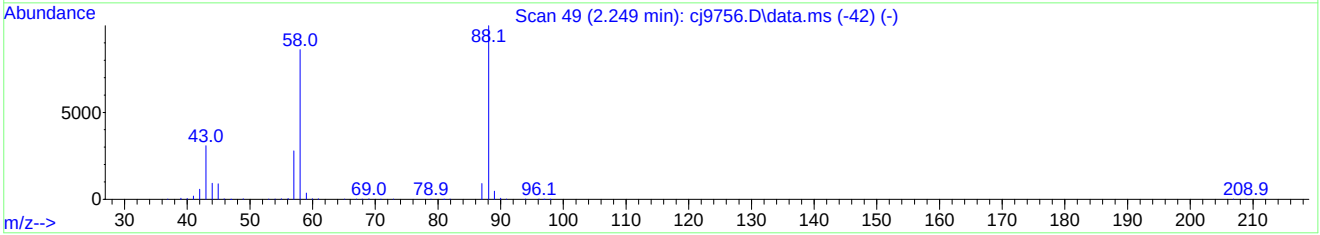
Quantitation Report (Qedit)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9758.D
Acq On : 17 Dec 2024 05:33 pm
Operator : rocquans
Sample : ic420-2
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 20 08:43:01 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 08:40:25 2024
Response via : Initial Calibration







TIC: cj9758.D\data.ms

(2) 1,4-Dioxane (t)

2.255min (+ 0.005) 2.18 ppm

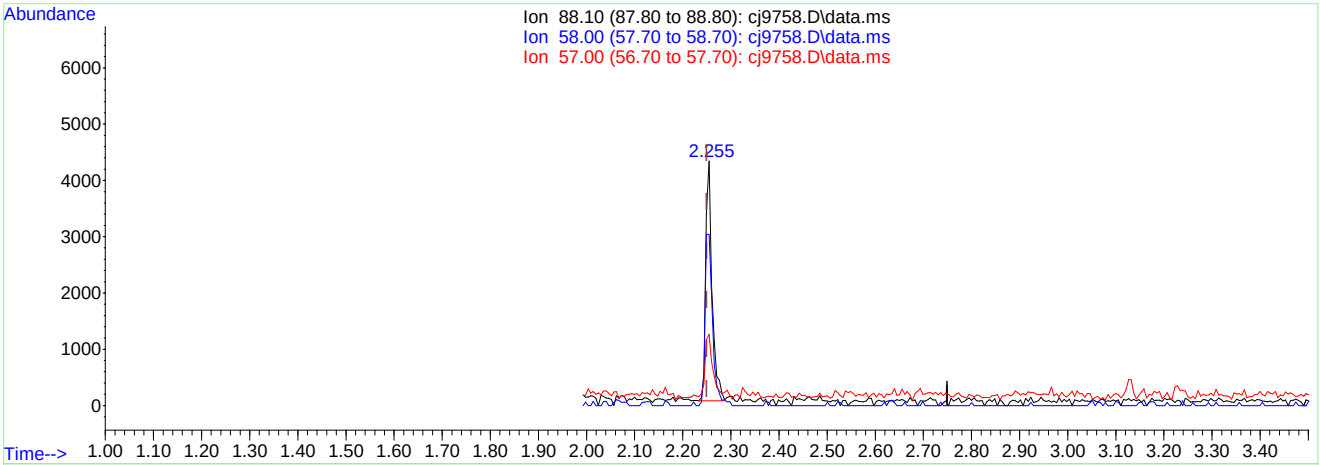
response 3904

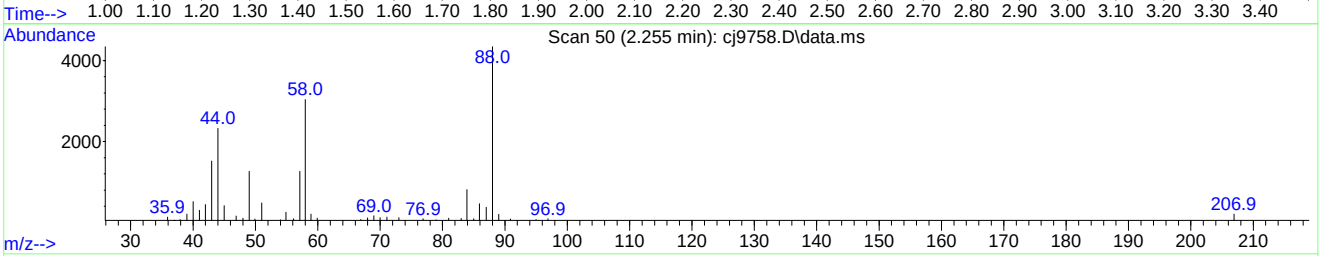
Ion	Exp%	Act%
88.10	100.00	100.00
58.00	86.00	71.08
57.00	27.80	24.57
0.00	0.00	0.00

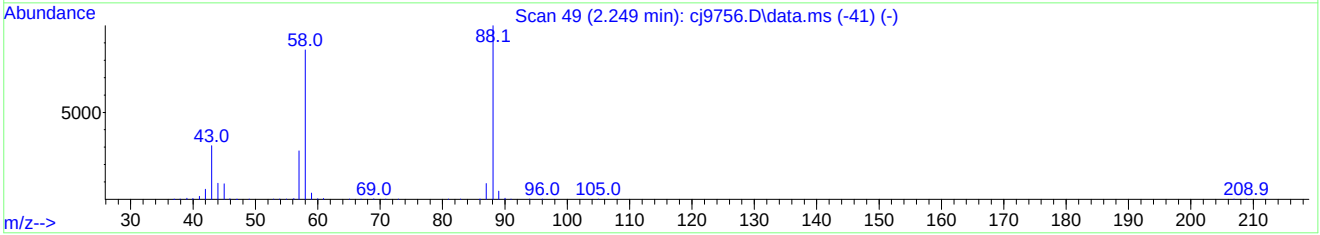
Quantitation Report (Qedit)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9758.D
Acq On : 17 Dec 2024 05:33 pm
Operator : rocquans
Sample : ic420-2
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 20 09:18:14 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration







TIC: cj9758.D\data.ms

(2) 1,4-Dioxane (t)

2.255min (+ 0.005) 2.18 ppm m

response 3909

Ion	Exp%	Act%
88.10	100.00	100.00
58.00	86.00	69.94
57.00	27.80	29.07
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9759.D
Acq On : 17 Dec 2024 05:51 pm
Operator : rocquans
Sample : ic420-5
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 20 09:20:04 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	150258	40.00	ppm	0.00
24) Naphthalene-d8	5.138	136	572077	40.00	ppm	0.00
46) Acenaphthene-d10	6.245	164	310148	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	510220	40.00	ppm	0.00
84) Chrysene-d12	9.861	240	420975	40.00	ppm	-0.01
93) Perylene-d12	11.203	264	429283	40.00	ppm	-0.01
103) 1,4-Dichlorobenzene-d4a	4.394	152	150258	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	510220	40.00	ppm	0.00
107) Naphthalene-d8a	5.138	136	572077	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	510220	40.00	ppm	0.00
112) Chrysene-d12a	9.861	240	420975	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.554	112	22611	4.72	ppm	0.00
Spiked Amount 50.000			Recovery = 9.44%			
8) Phenol-d5	4.159	99	26881	4.28	ppm	0.00
Spiked Amount 50.000			Recovery = 8.56%			
25) Nitrobenzene-d5	4.715	82	26094	4.53	ppm	0.00
Spiked Amount 50.000			Recovery = 9.06%			
51) 2-Fluorobiphenyl	5.785	172	49030	4.80	ppm	0.00
Spiked Amount 50.000			Recovery = 9.60%			
74) 2,4,6-Tribromophenol	6.828	330	5510	4.39	ppm	0.00
Spiked Amount 50.000			Recovery = 8.78%			
87) Terphenyl-d14	8.860	244	48859	4.56	ppm	0.00
Spiked Amount 50.000			Recovery = 9.12%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.255	88	9738	5.40	ppm	97
3) Pyridine	2.554	79	24575	4.76	ppm	94
4) N-Nitrosodimethylamine	2.517	74	12878	4.19	ppm	97
6) Indene	4.549	116	41590	4.65	ppm	99
7) Cumene	3.902	105	49489	4.83	ppm	98
9) Phenol	4.164	94	28483	4.21	ppm	93
10) Aniline	4.191	93	37168	4.47	ppm	98
11) bis(2-Chloroethyl)ether	4.228	93	23454	4.38	ppm	94
12) 2-Chlorophenol	4.260	128	24660	4.42	ppm	95
13) Decane	4.298	43	28406	5.12	ppm	98
14) 1,3-Dichlorobenzene	4.362	146	28006	4.75	ppm	97
15) 1,4-Dichlorobenzene	4.405	146	27953	4.71	ppm	98
16) Benzyl alcohol	4.469	108	16276	4.28	ppm	99
17) 1,2-Dichlorobenzene	4.496	146	25774	4.52	ppm	99
18) Acetophenone	4.630	105	35040	4.58	ppm	88
19) 2-Methylphenol	4.533	108	21830	4.42	ppm	97
20) 2,2'-oxybis(1-Chloropr...	4.549	121	8017	4.69	ppm #	67
21) 3&4-Methylphenol	4.619	108	46293	9.14	ppm	97
22) n-Nitroso-di-n-propyla...	4.624	70	17234	4.61	ppm	92
23) Hexachloroethane	4.699	201	9501	4.78	ppm	93
26) Nitrobenzene	4.726	77	26297	4.71	ppm	89
27) Quinoline	5.346	129	46847	4.65	ppm	98
28) Isophorone	4.865	82	47203	4.77	ppm	95
29) 2-Nitrophenol	4.913	139	11517	4.10	ppm	93
30) 2,4-Dimethylphenol	4.929	107	25120	4.74	ppm	97

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9759.D
Acq On : 17 Dec 2024 05:51 pm
Operator : rocquans
Sample : ic420-5
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 20 09:20:04 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31)	Benzoic acid	4.950	105	14671	3.42	ppm		95
32)	bis(2-Chloroethoxy)met...	4.988	93	30341	4.76	ppm		97
33)	2,4-Dichlorophenol	5.047	162	19613	4.50	ppm		97
34)	2,6-Dichlorophenol	5.180	162	19545	4.57	ppm		97
35)	1,3,5-Trichlorobenzene	4.924	180	22809	4.76	ppm		98
36)	1,2,4-Trichlorobenzene	5.106	180	21285	4.72	ppm		97
37)	1,2,3-Trichlorobenzene	5.234	180	21087	4.75	ppm		95
38)	Naphthalene	5.154	128	74045	4.96	ppm		99
39)	4-Chloroaniline	5.175	127	29775	4.59	ppm		97
40)	2,3-Dichloroaniline	5.731	161	23329	4.74	ppm		98
41)	Hydroquinone	5.341	110	15330	4.39	ppm		95
42)	Hexachlorobutadiene	5.223	225	12084	4.94	ppm		96
43)	4-Chloro-3-methylphenol	5.448	107	20264	4.50	ppm		97
44)	2-Methylnaphthalene	5.560	141	42530	4.69	ppm		96
45)	1-Methylnaphthalene	5.624	141	41041	4.79	ppm		98
47)	Hexachlorocyclopentadiene	5.662	237	21809	8.91	ppm		98
48)	1,2,4,5-tetrachloroben...	5.662	216	20249	4.71	ppm		100
49)	2,4,6-Trichlorophenol	5.731	196	14269	4.85	ppm		96
50)	2,4,5-Trichlorophenol	5.753	196	13674	4.29	ppm		98
52)	2-Chloronaphthalene	5.870	162	44247	4.80	ppm		98
53)	Biphenyl	5.854	154	58320	4.94	ppm		99
54)	2-Nitroaniline	5.924	65	12244	4.17	ppm		98
55)	Dimethylphthalate	6.042	163	51158	4.74	ppm		97
56)	Acenaphthylene	6.149	152	63267	4.72	ppm		100
57)	2,6-Dinitrotoluene	6.084	165	9175	3.87	ppm		99
58)	3-Nitroaniline	6.197	138	11738	4.22	ppm		98
59)	Acenaphthene	6.272	153	47086	4.88	ppm		99
60)	2,4-Dinitrophenol	6.272	184	5203	3.96	ppm	#	1
61)	4-Nitrophenol	6.293	109	5836	3.78	ppm		92
62)	Dibenzofuran	6.389	168	60871	4.72	ppm		98
63)	2,4-Dinitrotoluene	6.362	165	12565	3.85	ppm		88
64)	2,3,4,6-Tetrachlorophenol	6.475	232	10716	4.34	ppm		90
65)	Diethylphthalate	6.539	149	51874	4.63	ppm		99
66)	Fluorene	6.646	166	49338	4.80	ppm		98
67)	4-Chlorophenyl-phenyle...	6.641	204	21915	4.68	ppm		98
68)	4-Nitroaniline	6.641	138	11949	4.11	ppm		96
70)	4,6-Dinitro-2-methylph...	6.667	198	4551	2.69	ppm		91
71)	n-Nitrosodiphenylamine	6.726	169	40751	4.60	ppm		98
72)	1,2-Diphenylhydrazine	6.764	77	50214	4.69	ppm		98
73)	pentachloronitrobenzene	7.250	295	1943	4.15	ppm		90
75)	4-Bromophenyl-phenylether	7.026	248	12023	4.68	ppm		92
76)	Hexachlorobenzene	7.079	284	12393	4.58	ppm		93
77)	Pentachlorophenol	7.234	266	16502	8.29	ppm		96
78)	Phenanthrene	7.427	178	70079	4.76	ppm		98
79)	Anthracene	7.470	178	69906	4.71	ppm		100
80)	Carbazole	7.598	167	66586	4.62	ppm		99
81)	Di-n-butylphthalate	7.919	149	83021	4.35	ppm		99
82)	Fluoranthene	8.491	202	70915	4.47	ppm		97
83)	Octadecane	7.309	57	39843	4.55	ppm		98
85)	benzidine	8.614	184	44831	5.13	ppm		99
86)	Pyrene	8.705	202	74278	4.78	ppm		100
88)	Butylbenzylphthalate	9.336	149	32307	3.93	ppm		96
89)	Benzo[a]anthracene	9.850	228	67561	4.70	ppm		96
90)	3,3'-Dichlorobenzidine	9.828	252	23953	4.28	ppm		95
91)	Chrysene	9.887	228	64380	4.78	ppm		99
92)	bis(2-Ethylhexyl)phtha...	9.909	149	49512	4.07	ppm		100
94)	Di-n-octylphthalate	10.513	149	83236	3.92	ppm		96

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9759.D
Acq On : 17 Dec 2024 05:51 pm
Operator : rocquans
Sample : ic420-5
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 20 09:20:04 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

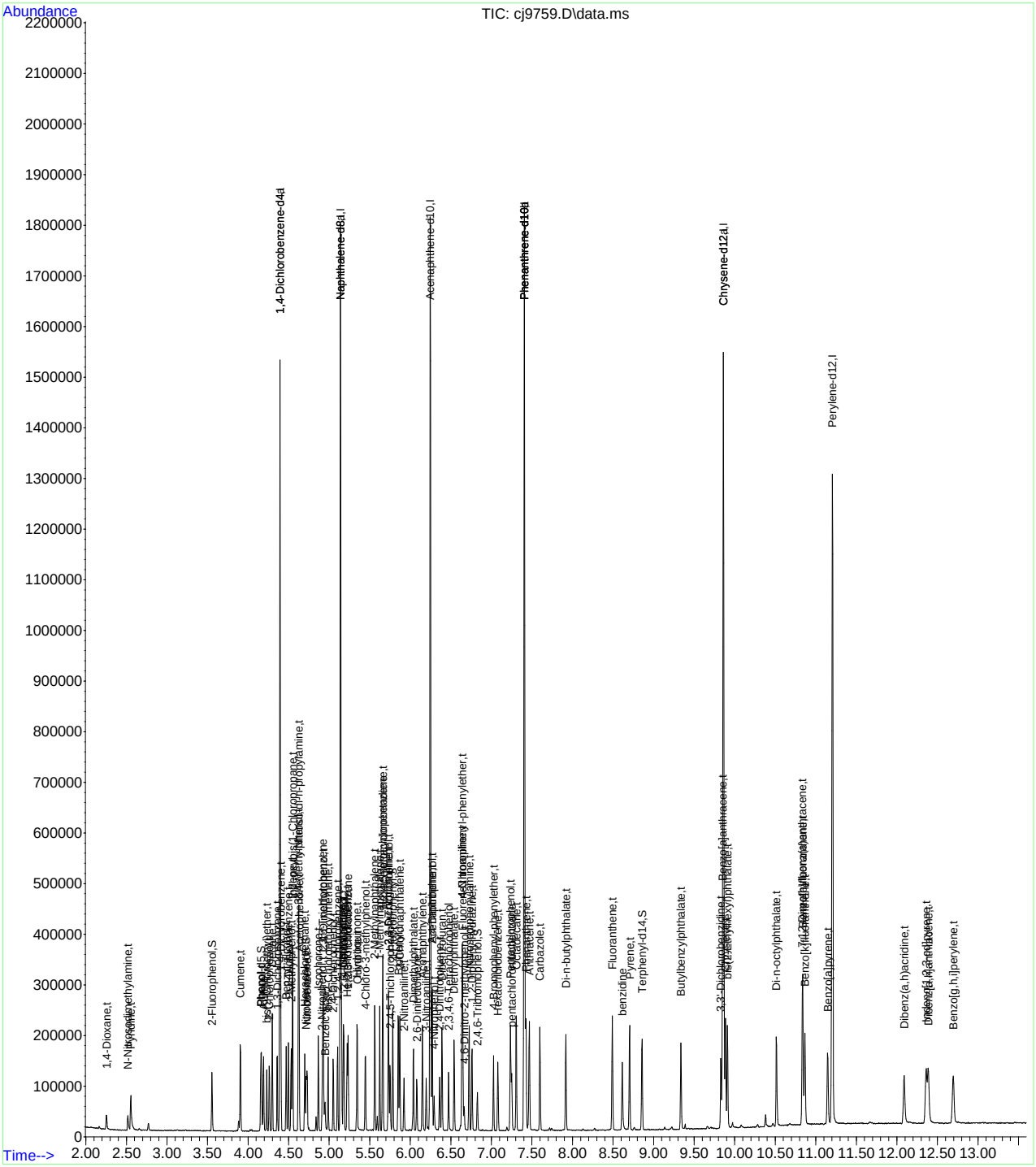
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Benzo[b]fluoranthene	10.839	252	67945	4.81	ppm	99
96) Benzo[k]fluoranthene	10.866	252	56528	4.35	ppm	98
97) Benzo[a]pyrene	11.150	252	52790	4.40	ppm	96
98) Indeno[1,2,3-cd]pyrene	12.364	276	66026	4.31	ppm	96
99) Dibenz(a,h)acridine	12.091	279	43423	4.16	ppm	100
100) Dibenz[a,h]anthracene	12.390	278	52318	4.31	ppm	95
101) 7,12-Dimethylbenz(a)an...	10.834	256	21657	4.52	ppm	99
102) Benzo[g,h,i]perylene	12.695	276	50001	4.31	ppm	99

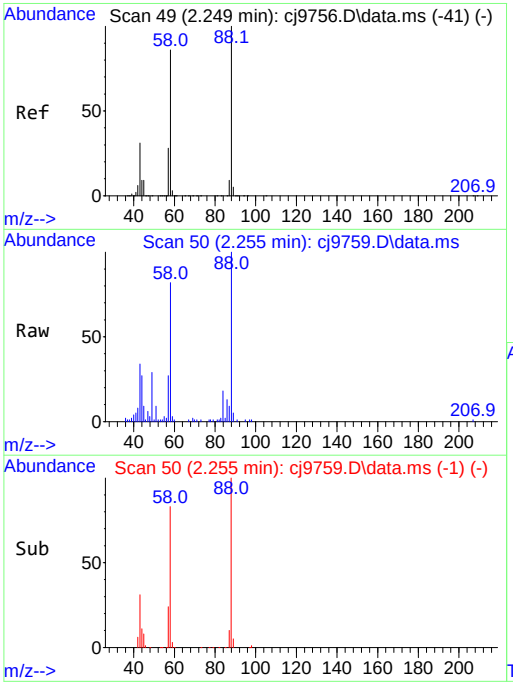
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9759.D
Acq On : 17 Dec 2024 05:51 pm
Operator : rocquans
Sample : ic420-5
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 20 09:20:04 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

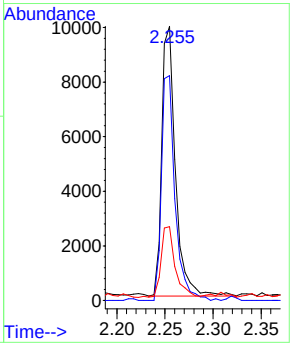


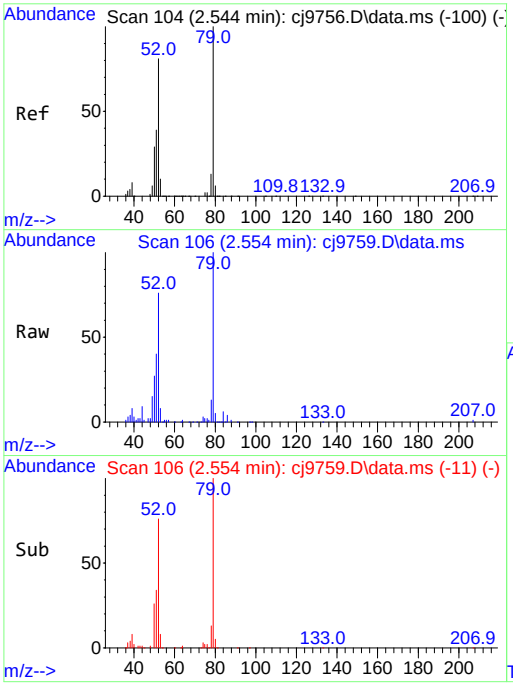


#2
1,4-Dioxane
Concen: 5.40 ppm
RT: 2.255 min Scan# 50
Delta R.T. 0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 88 Resp: 9738

Ion	Ratio	Lower	Upper
88	100		
58	82.9	56.0	116.0
57	26.1	0.0	57.8

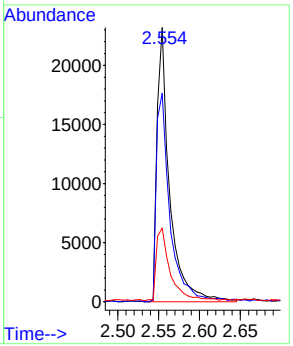


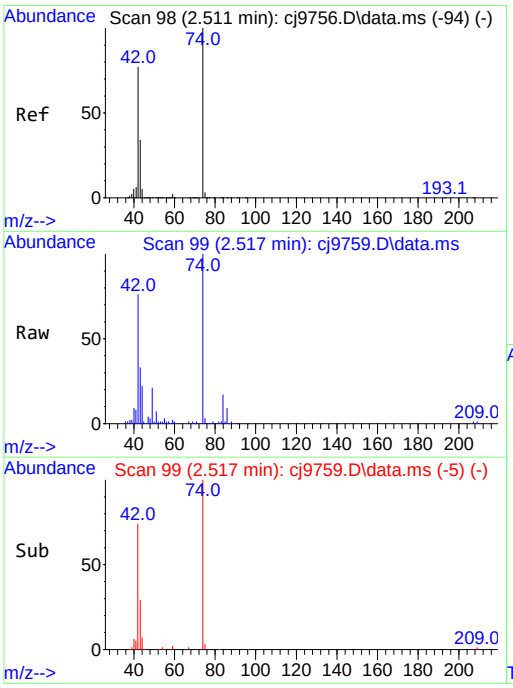


#3
Pyridine
Concen: 4.76 ppm
RT: 2.554 min Scan# 106
Delta R.T. 0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 79 Resp: 24575

Ion	Ratio	Lower	Upper
79	100		
52	75.8	51.1	111.1
50	26.2	0.0	59.1

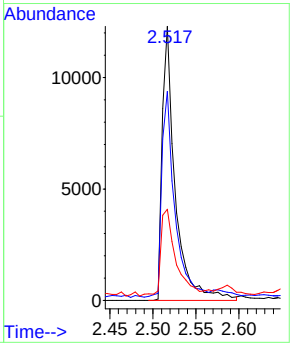


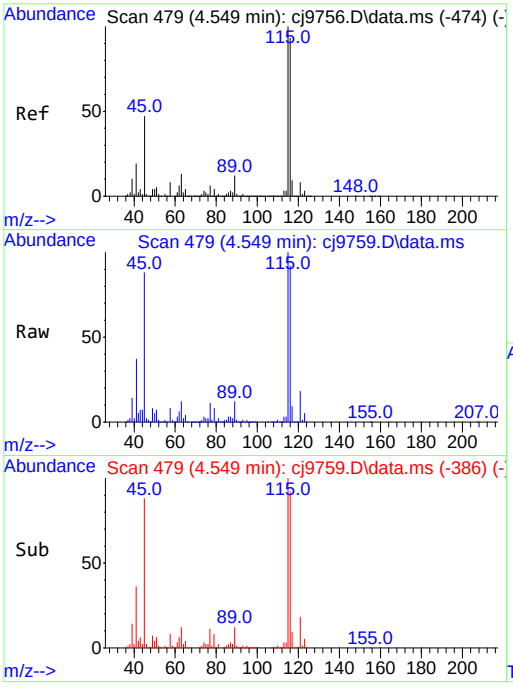


#4
N-Nitrosodimethylamine
Concen: 4.19 ppm
RT: 2.517 min Scan# 99
Delta R.T. 0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 74 Resp: 12878

Ion	Ratio	Lower	Upper
74	100		
42	74.8	47.1	107.1
43	30.8	3.8	63.8

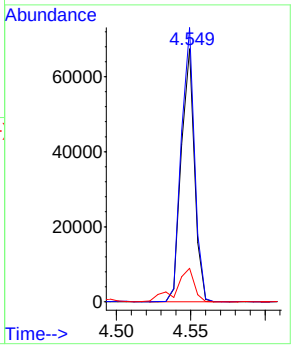


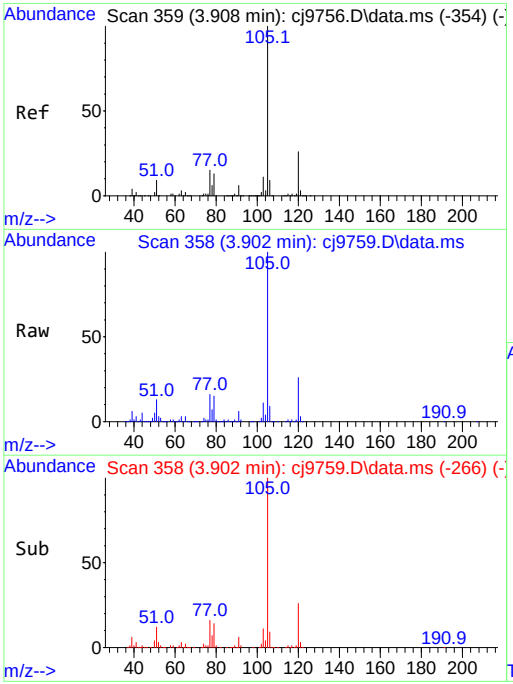


#6
Indene
Concen: 4.65 ppm
RT: 4.549 min Scan# 479
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:116 Resp: 41590

Ion	Ratio	Lower	Upper
116	100		
115	108.3	77.6	137.6
63	13.1	0.0	44.5

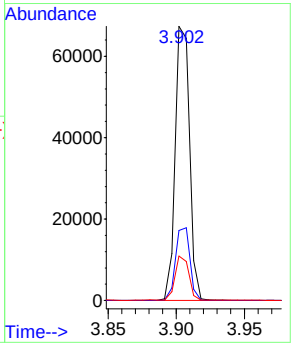


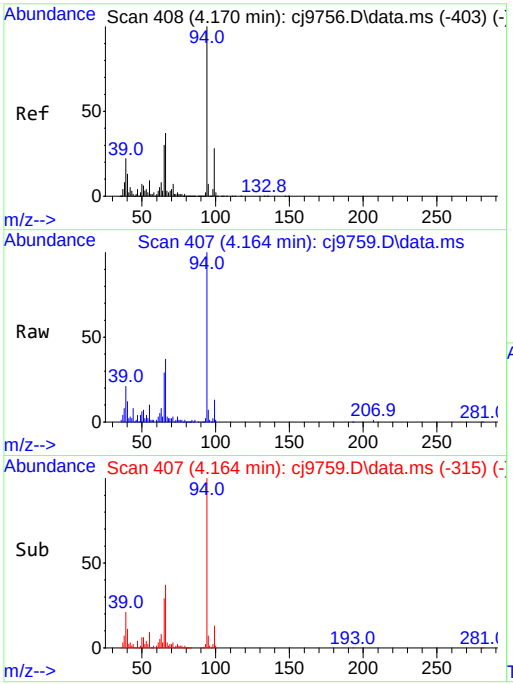


#7
Cumene
Concen: 4.83 ppm
RT: 3.902 min Scan# 358
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:105 Resp: 49489

Ion	Ratio	Lower	Upper
105	100		
120	25.5	0.0	56.3
77	16.0	0.0	44.5

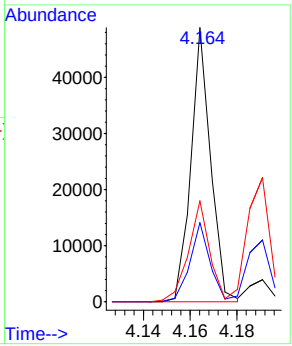


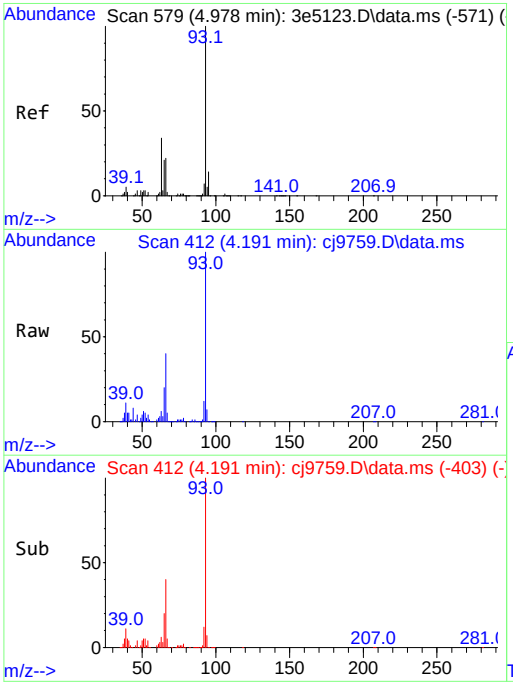


#9
Phenol
Concen: 4.21 ppm
RT: 4.164 min Scan# 407
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 94 Resp: 28483

Ion	Ratio	Lower	Upper
94	100		
65	28.0	0.0	55.8
66	34.8	0.0	59.9

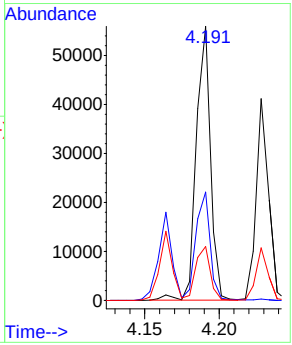


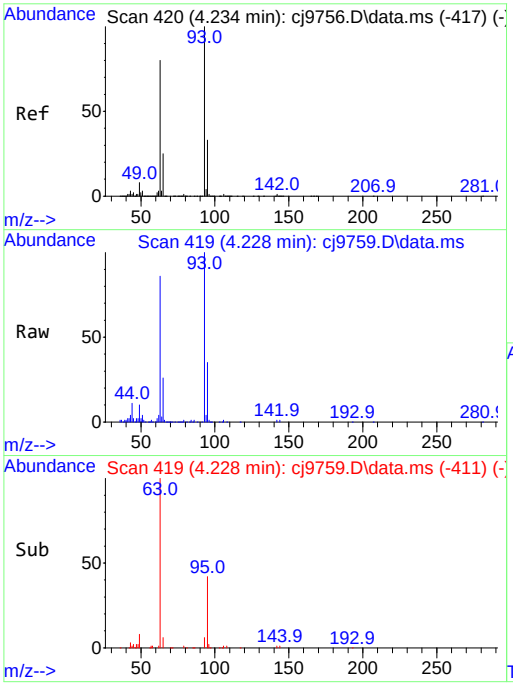


#10
Aniline
Concen: 4.47 ppm
RT: 4.191 min Scan# 412
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 93 Resp: 37168

Ion	Ratio	Lower	Upper
93	100		
66	37.8	8.9	68.9
65	19.1	0.0	50.8

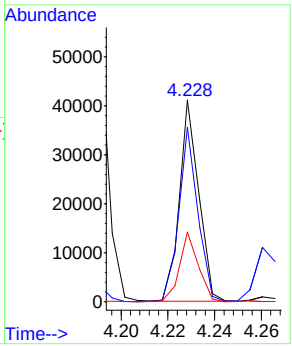


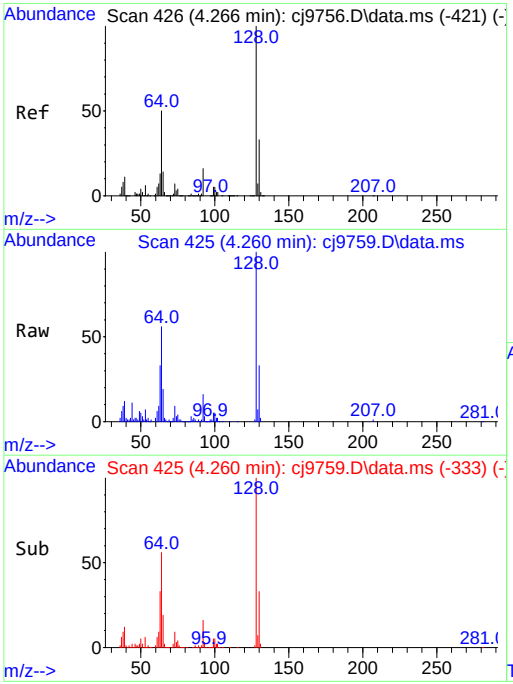


#11
bis(2-Chloroethyl)ether
Concen: 4.38 ppm
RT: 4.228 min Scan# 419
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 93 Resp: 23454

Ion	Ratio	Lower	Upper
93	100		
63	86.5	50.4	110.4
95	34.5	2.9	62.9

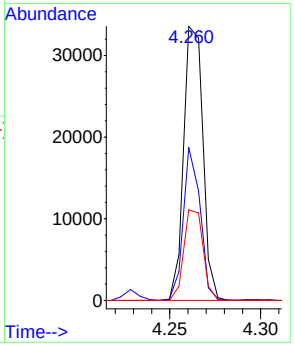


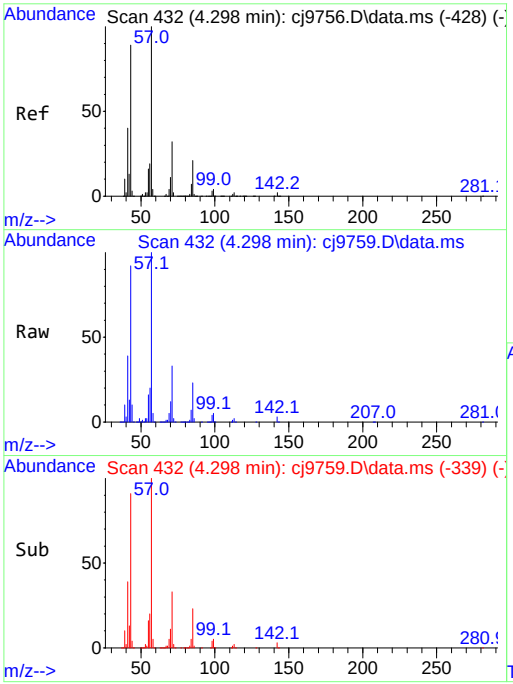


#12
2-Chlorophenol
Concen: 4.42 ppm
RT: 4.260 min Scan# 425
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:128 Resp: 24660

Ion	Ratio	Lower	Upper
128	100		
64	55.6	19.8	79.8
130	33.1	2.6	62.6

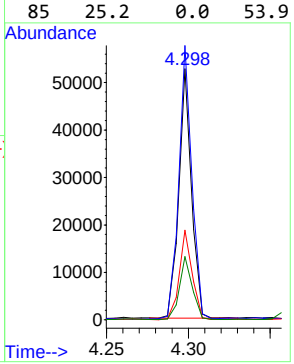


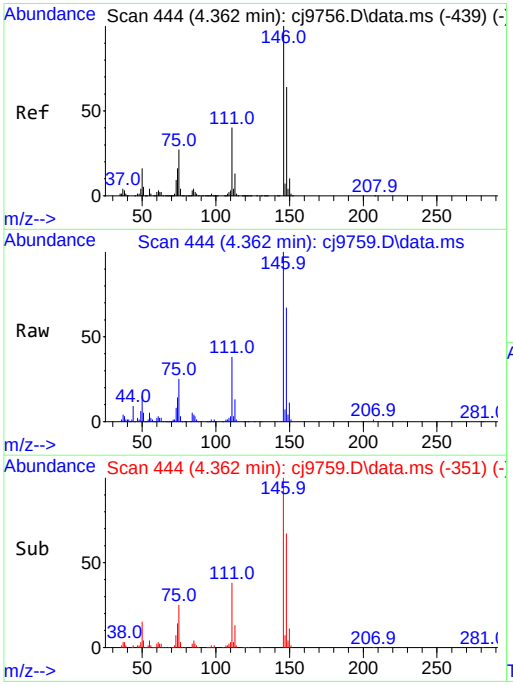


#13
Decane
Concen: 5.12 ppm
RT: 4.298 min Scan# 432
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 43 Resp: 28406

Ion	Ratio	Lower	Upper
43	100		
57	109.5	82.4	142.4
71	35.7	5.6	65.6
85	25.2	0.0	53.9

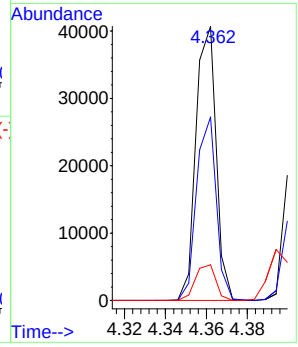


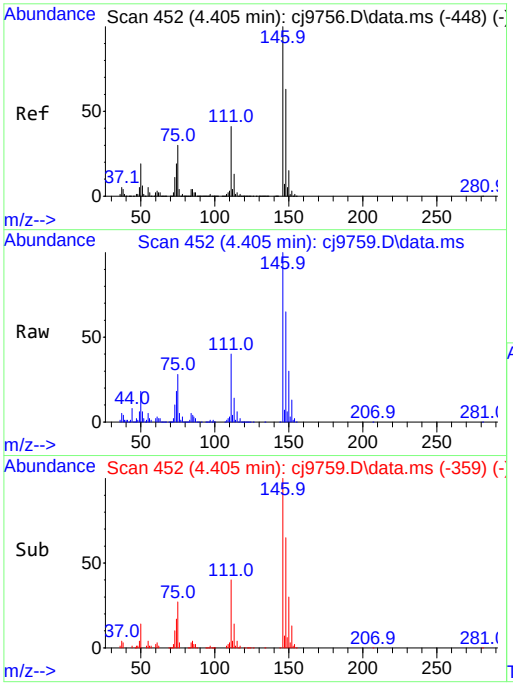


#14
1,3-Dichlorobenzene
Concen: 4.75 ppm
RT: 4.362 min Scan# 444
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:146 Resp: 28006

Ion	Ratio	Lower	Upper
146	100		
148	66.8	33.8	93.8
113	13.0	0.0	43.0

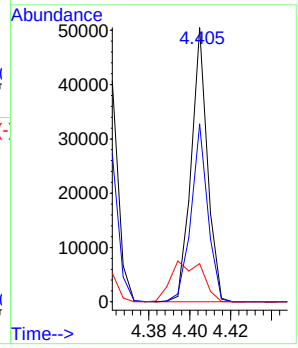


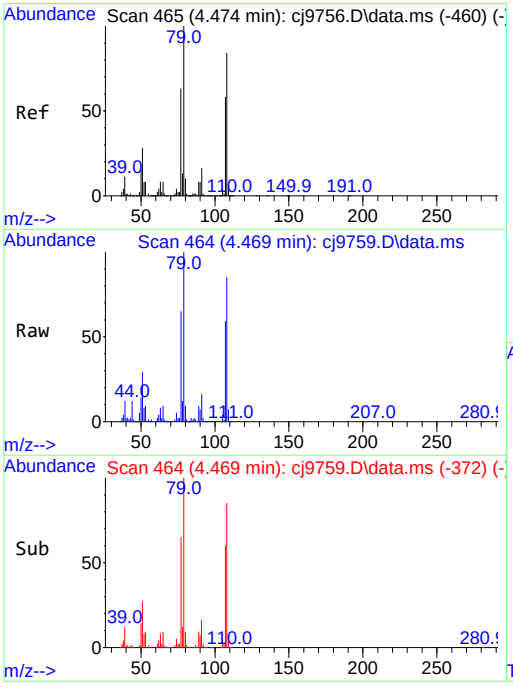


#15
1,4-Dichlorobenzene
Concen: 4.71 ppm
RT: 4.405 min Scan# 452
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:146 Resp: 27953

Ion	Ratio	Lower	Upper
146	100		
148	64.9	33.3	93.3
113	13.8	0.0	43.2

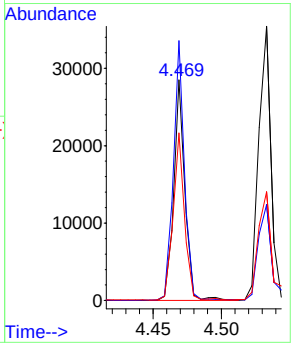


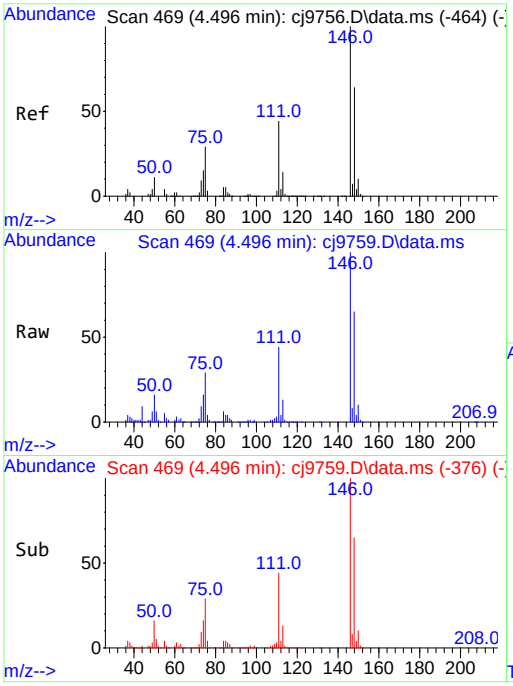


#16
Benzyl alcohol
Concen: 4.28 ppm
RT: 4.469 min Scan# 464
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:108 Resp: 16276

Ion	Ratio	Lower	Upper
108	100		
79	117.5	88.4	148.4
77	75.7	45.1	105.1

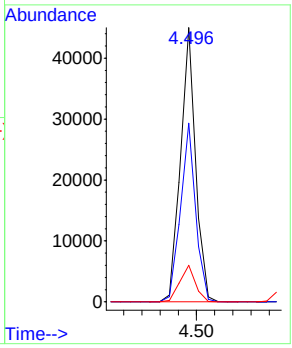


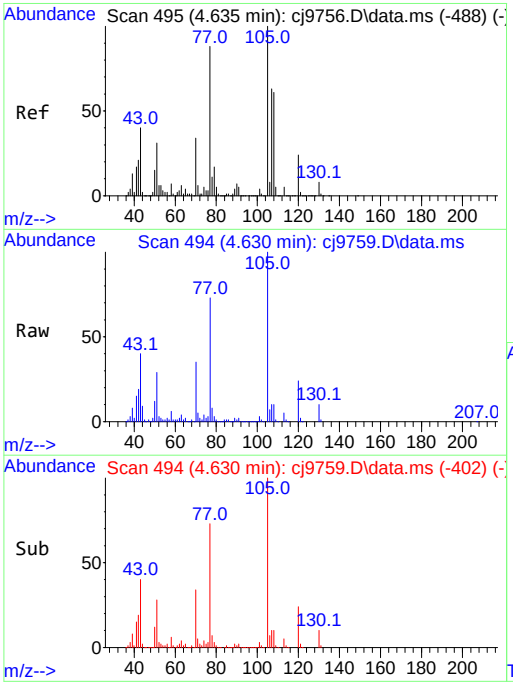


#17
1,2-Dichlorobenzene
Concen: 4.52 ppm
RT: 4.496 min Scan# 469
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:146 Resp: 25774

Ion	Ratio	Lower	Upper
146	100		
148	65.2	34.0	94.0
113	13.3	0.0	43.9

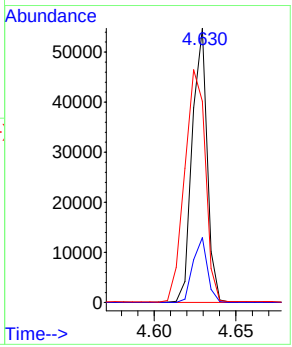


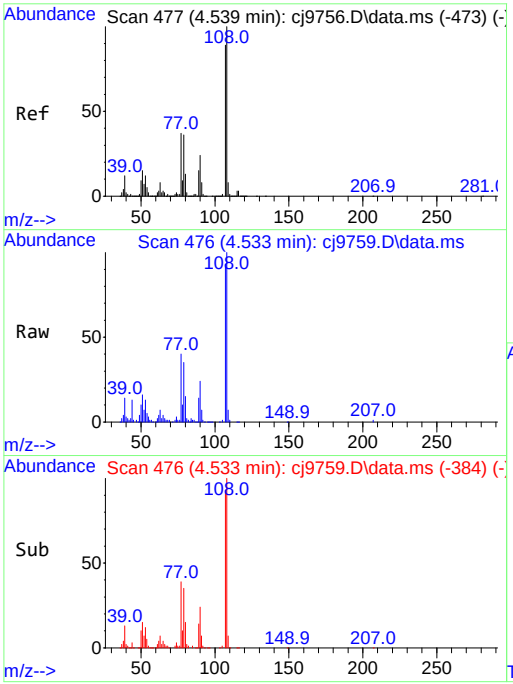


#18
Acetophenone
Concen: 4.58 ppm
RT: 4.630 min Scan# 494
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:105 Resp: 35040

Ion	Ratio	Lower	Upper
105	100		
120	23.7	0.0	54.0
77	73.1	57.6	117.6

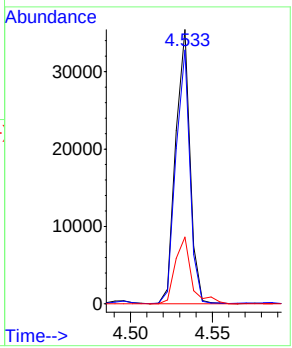


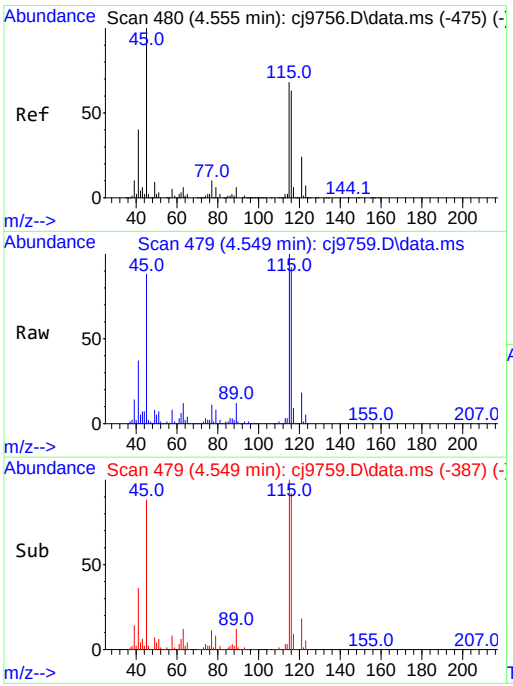


#19
2-Methylphenol
Concen: 4.42 ppm
RT: 4.533 min Scan# 476
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:108 Resp: 21830

Ion	Ratio	Lower	Upper
108	100		
107	92.3	59.5	119.5
90	24.3	0.0	53.5

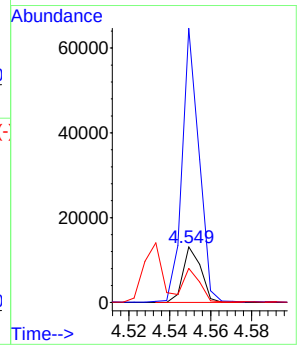


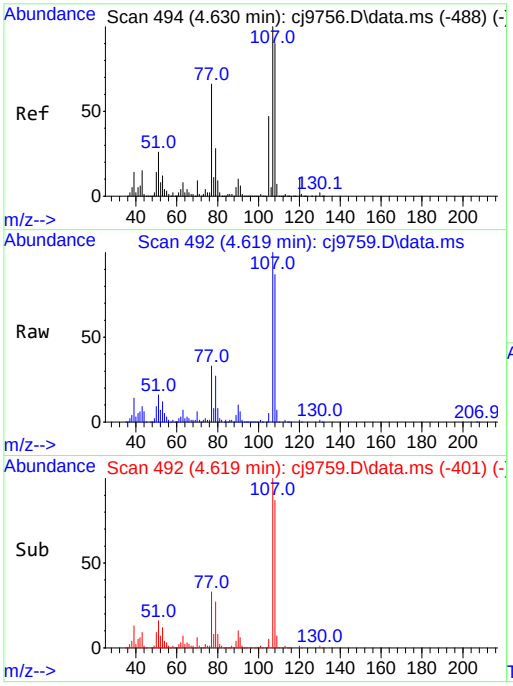


#20
2,2'-oxybis(1-Chloropropane
Concen: 4.69 ppm
RT: 4.549 min Scan# 479
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:121 Resp: 8017

Ion	Ratio	Lower	Upper
121	100		
45	492.7	389.8	449.8#
77	7.1	18.9	78.9#

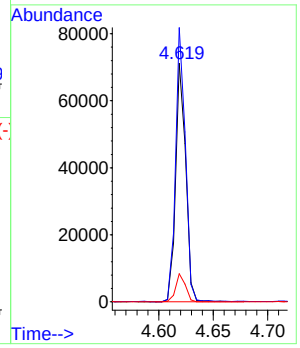


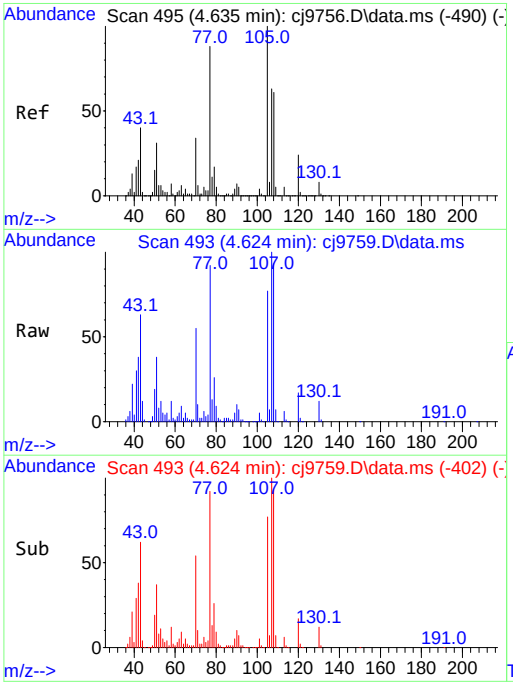


#21
3&4-Methylphenol
Concen: 9.14 ppm
RT: 4.619 min Scan# 492
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:108 Resp: 46293

Ion	Ratio	Lower	Upper
108	100		
107	114.9	81.2	141.2
90	11.8	0.0	41.3

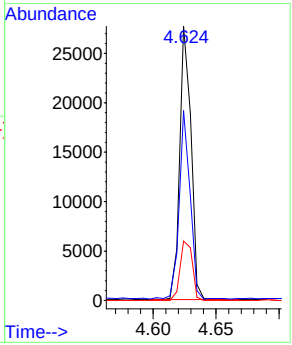


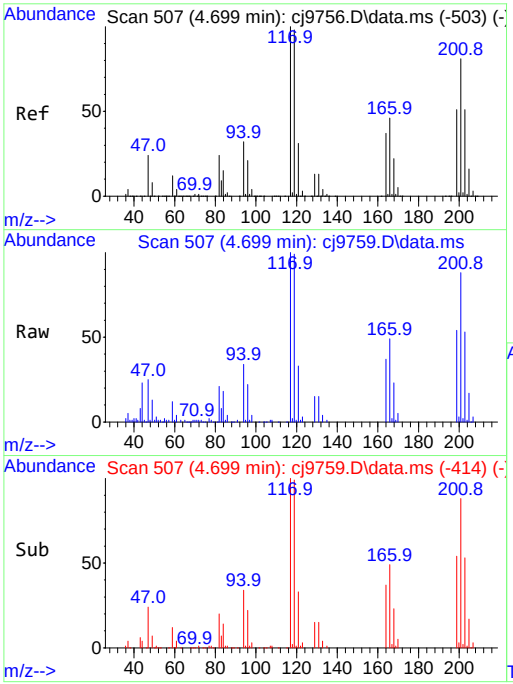


#22
n-Nitroso-di-n-propylamine
Concen: 4.61 ppm
RT: 4.624 min Scan# 493
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 70 Resp: 17234

Ion	Ratio	Lower	Upper
70	100		
42	68.8	31.2	91.2
130	21.7	0.0	52.5

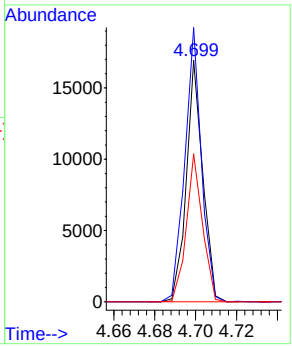


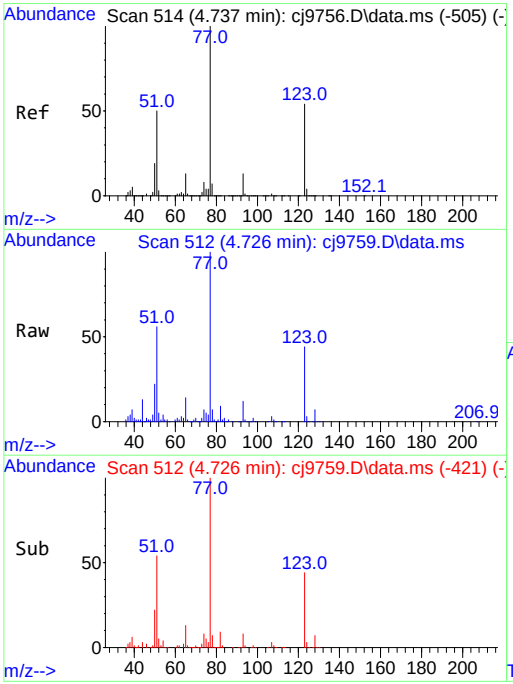


#23
Hexachloroethane
Concen: 4.78 ppm
RT: 4.699 min Scan# 507
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:201 Resp: 9501

Ion	Ratio	Lower	Upper
201	100		
117	113.5	94.0	154.0
199	61.3	33.7	93.7

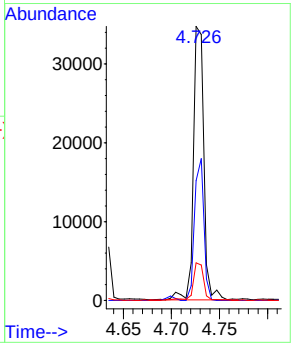


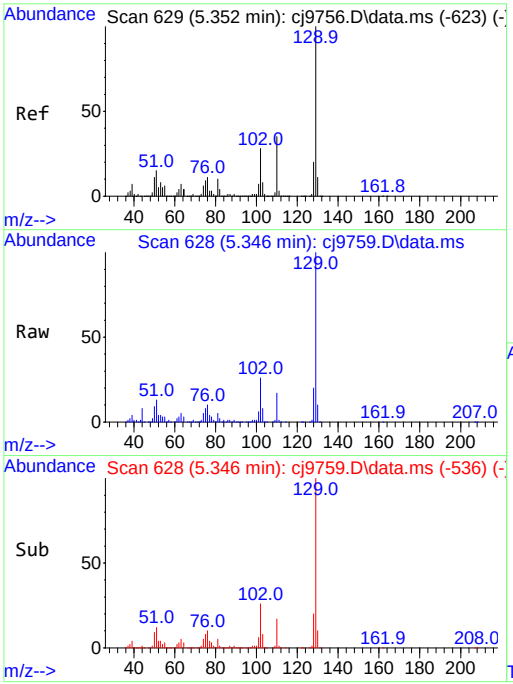


#26
Nitrobenzene
Concen: 4.71 ppm
RT: 4.726 min Scan# 512
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 77 Resp: 26297

Ion	Ratio	Lower	Upper
77	100		
123	43.8	23.6	83.6
65	13.7	0.0	43.4

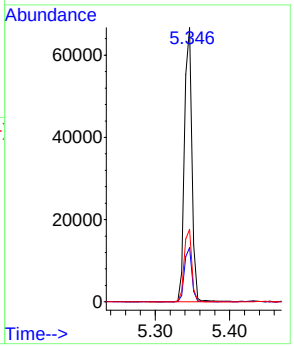


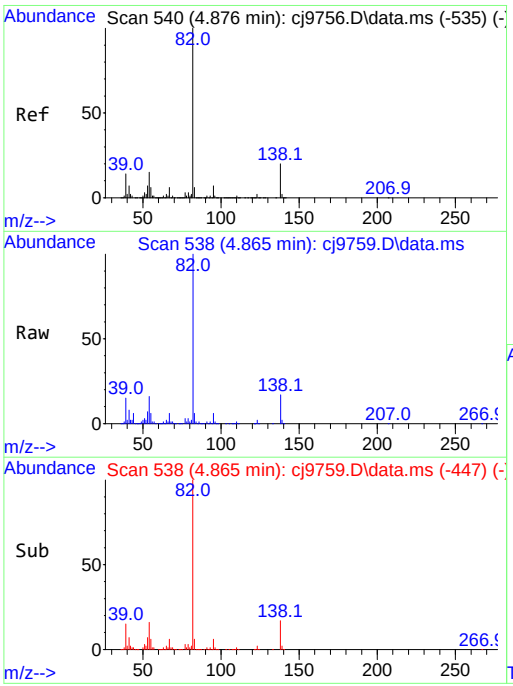


#27
Quinoline
Concen: 4.65 ppm
RT: 5.346 min Scan# 628
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:129 Resp: 46847

Ion	Ratio	Lower	Upper
129	100		
128	19.8	0.0	49.9
102	26.5	0.0	58.1

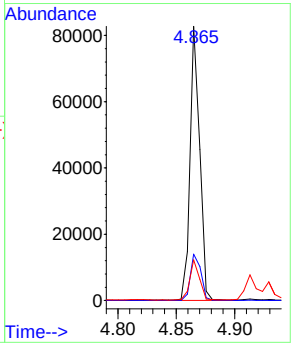


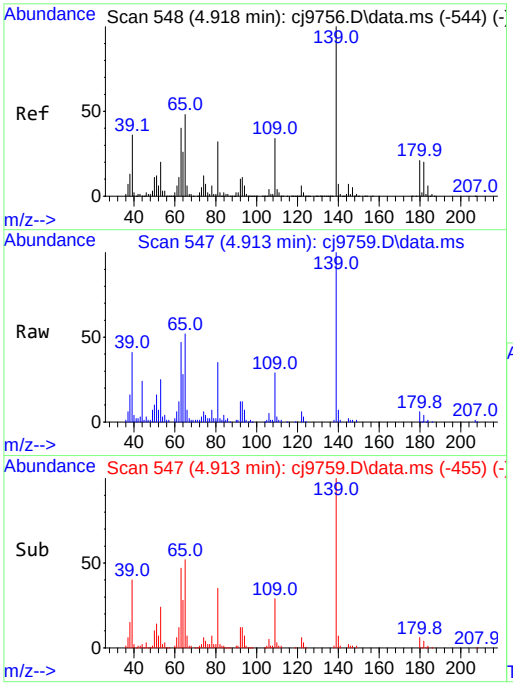


#28
Isophorone
Concen: 4.77 ppm
RT: 4.865 min Scan# 538
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 82 Resp: 47203

Ion	Ratio	Lower	Upper
82	100		
138	16.9	0.0	50.3
39	14.5	0.0	44.0

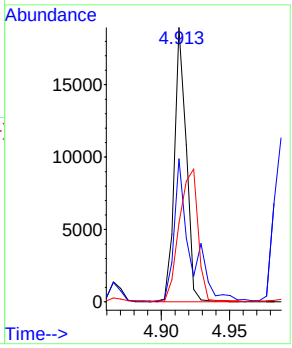


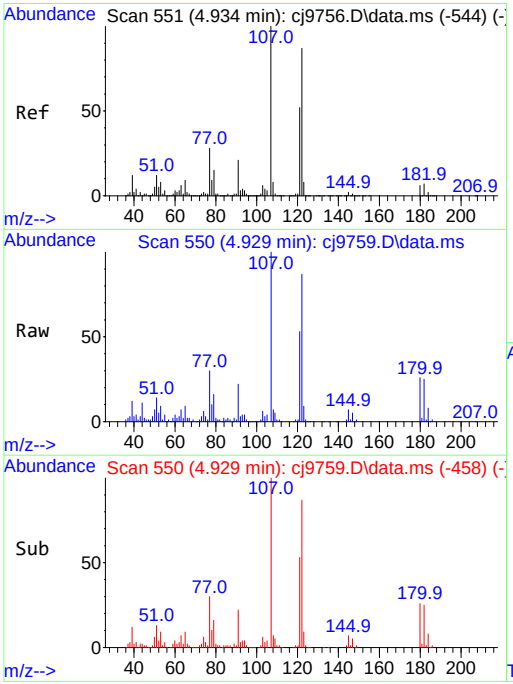


#29
2-Nitrophenol
Concen: 4.10 ppm
RT: 4.913 min Scan# 547
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:139 Resp: 11517

Ion	Ratio	Lower	Upper
139	100		
65	51.6	17.5	77.5
109	28.5	3.8	63.8

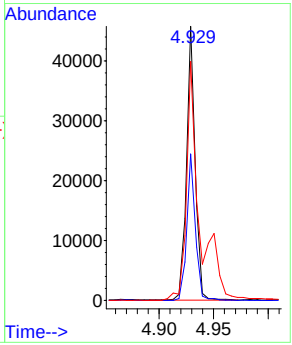


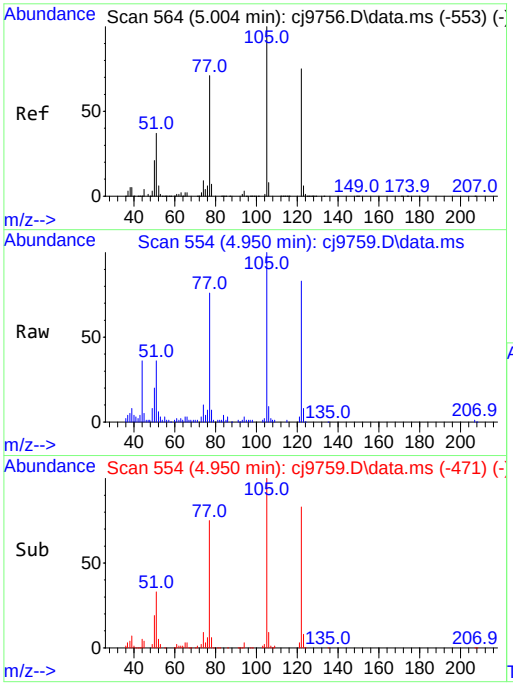


#30
2,4-Dimethylphenol
Concen: 4.74 ppm
RT: 4.929 min Scan# 550
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:107 Resp: 25120

Ion	Ratio	Lower	Upper
107	100		
121	53.5	21.7	81.7
122	86.7	53.4	113.4

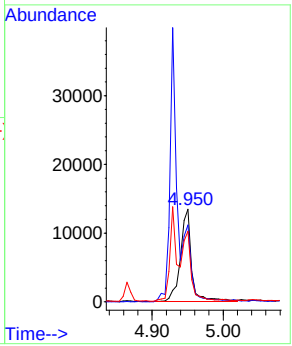


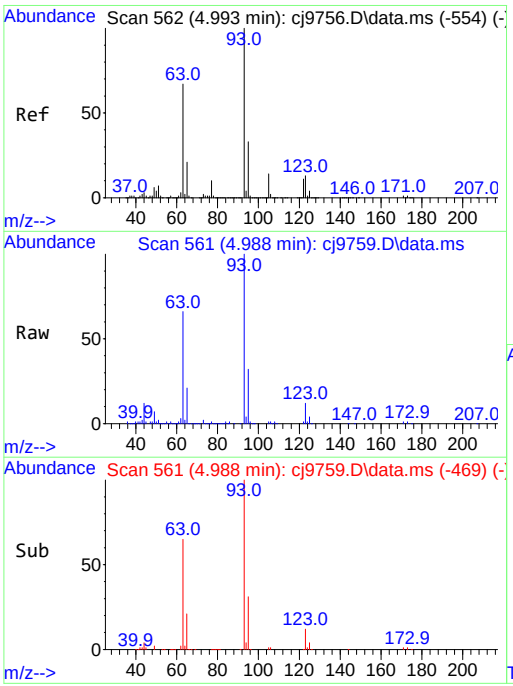


#31
Benzoic acid
Concen: 3.42 ppm
RT: 4.950 min Scan# 554
Delta R.T. -0.054 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:105 Resp: 14671

Ion	Ratio	Lower	Upper
105	100		
122	83.0	48.8	108.8
77	75.6	42.1	102.1

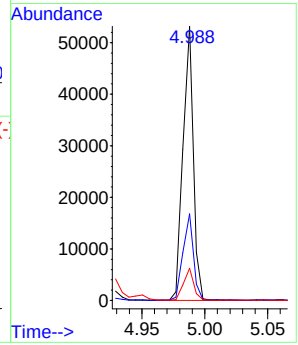


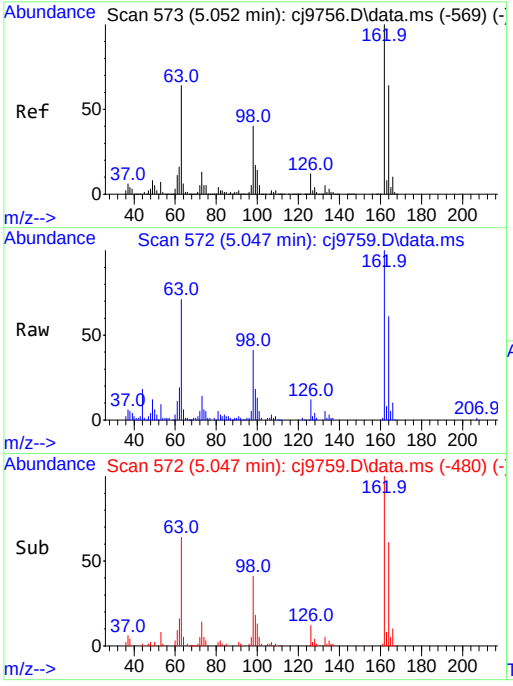


#32
bis(2-Chloroethoxy)methane
Concen: 4.76 ppm
RT: 4.988 min Scan# 561
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 93 Resp: 30341

Ion	Ratio	Lower	Upper
93	100		
95	31.5	3.0	63.0
123	11.5	0.0	43.0

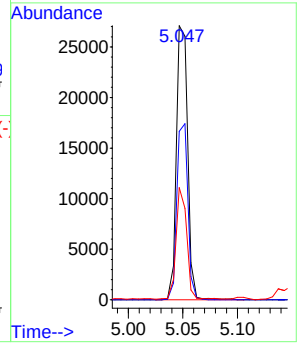


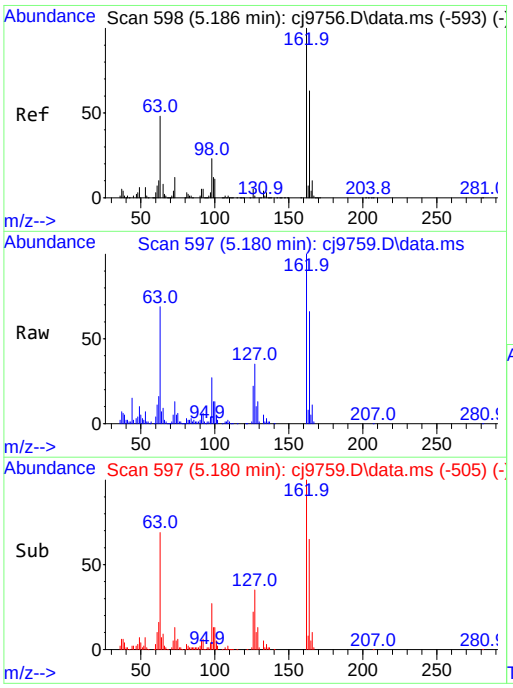


#33
2,4-Dichlorophenol
Concen: 4.50 ppm
RT: 5.047 min Scan# 572
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:162 Resp: 19613

Ion	Ratio	Lower	Upper
162	100		
164	61.4	34.2	94.2
98	40.3	9.7	69.7

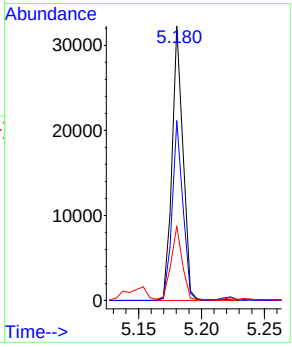


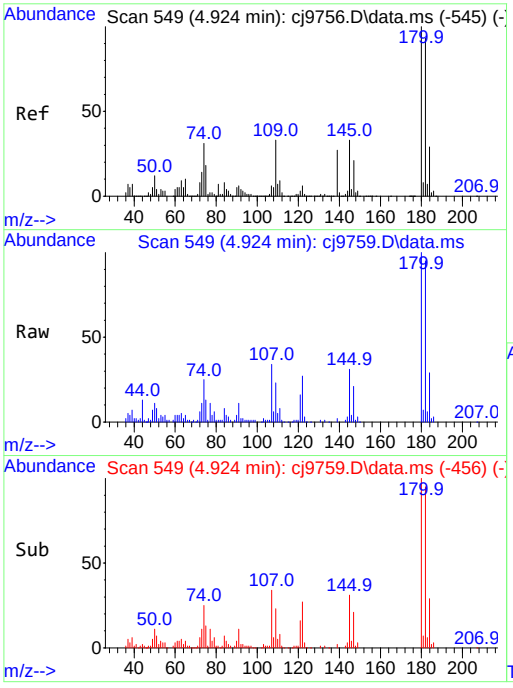


#34
2,6-Dichlorophenol
Concen: 4.57 ppm
RT: 5.180 min Scan# 597
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:162 Resp: 19545

Ion	Ratio	Lower	Upper
162	100		
164	65.4	33.4	93.4
98	26.4	0.0	54.6

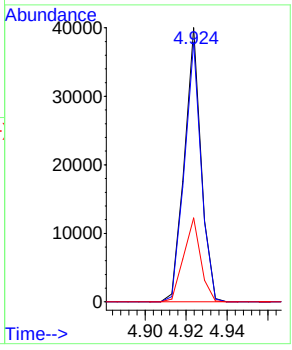


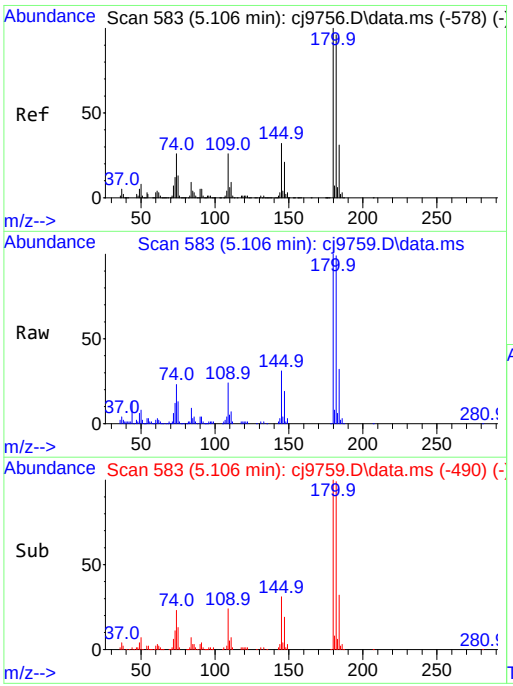


#35
1,3,5-Trichlorobenzene
Concen: 4.76 ppm
RT: 4.924 min Scan# 549
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:180 Resp: 22809

Ion	Ratio	Lower	Upper
180	100		
182	94.7	63.0	123.0
145	30.6	3.0	63.0

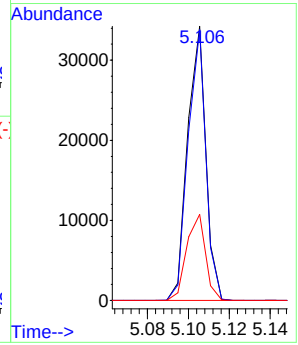


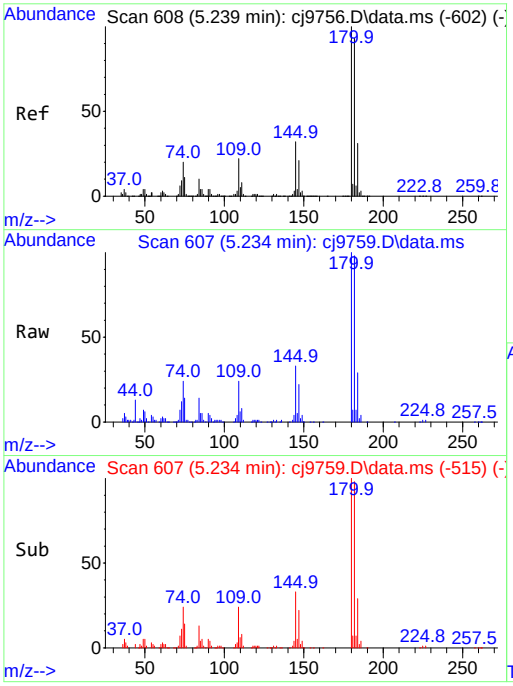


#36
1,2,4-Trichlorobenzene
Concen: 4.72 ppm
RT: 5.106 min Scan# 583
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:180 Resp: 21285

Ion	Ratio	Lower	Upper
180	100		
182	98.7	66.0	126.0
145	31.4	2.4	62.4

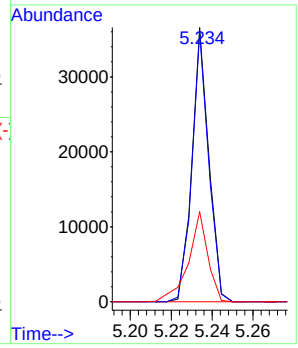


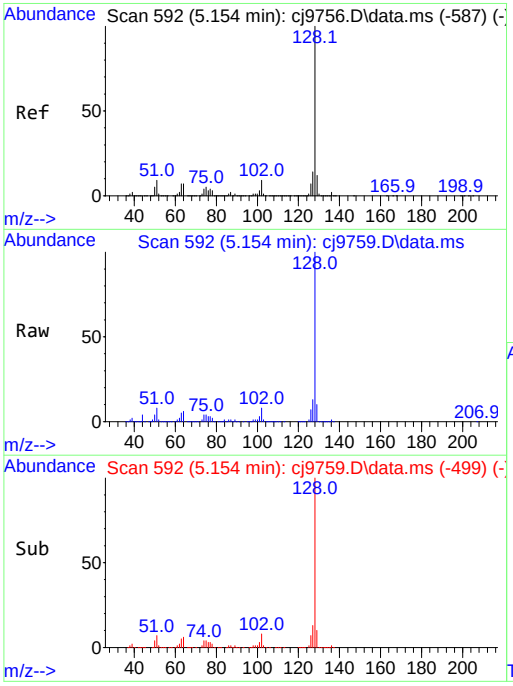


#37
1,2,3-Trichlorobenzene
Concen: 4.75 ppm
RT: 5.234 min Scan# 607
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:180 Resp: 21087

Ion	Ratio	Lower	Upper
180	100		
182	98.2	62.6	122.6
145	32.7	2.2	62.2

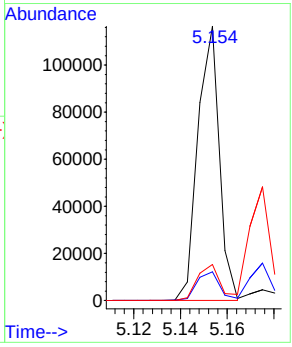


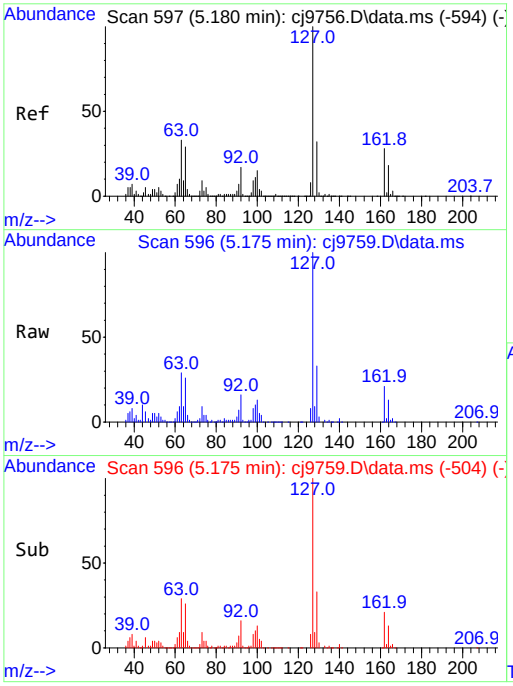


#38
Naphthalene
Concen: 4.96 ppm
RT: 5.154 min Scan# 592
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:128 Resp: 74045

Ion	Ratio	Lower	Upper
128	100		
129	10.1	0.0	41.0
127	12.0	0.0	42.0

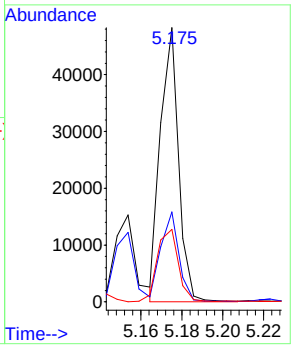


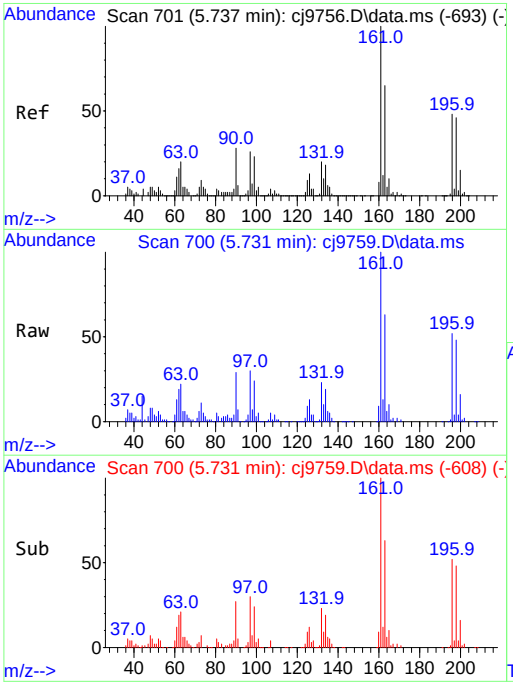


#39
4-Chloroaniline
Concen: 4.59 ppm
RT: 5.175 min Scan# 596
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:127 Resp: 29775

Ion	Ratio	Lower	Upper
127	100		
129	32.7	1.9	61.9
65	25.8	0.0	58.3

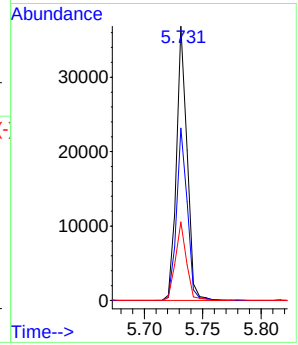


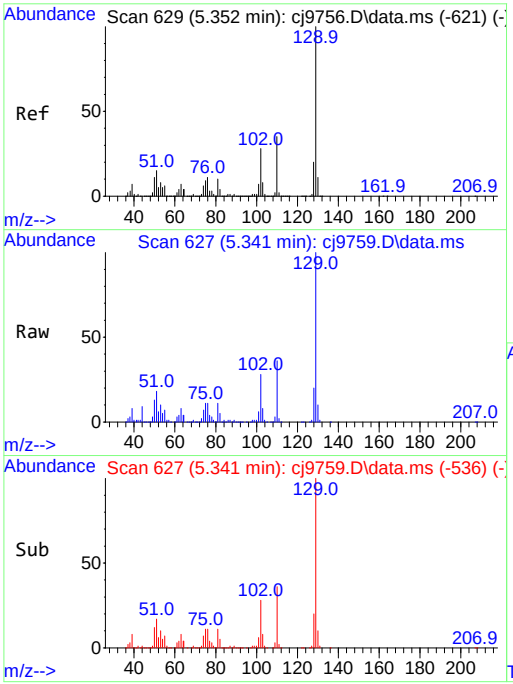


#40
2,3-Dichloroaniline
Concen: 4.74 ppm
RT: 5.731 min Scan# 700
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:161 Resp: 23329

Ion	Ratio	Lower	Upper
161	100		
163	62.9	34.9	94.9
90	28.5	0.0	57.9

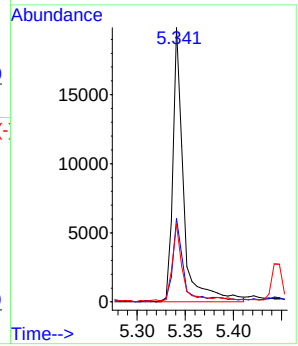


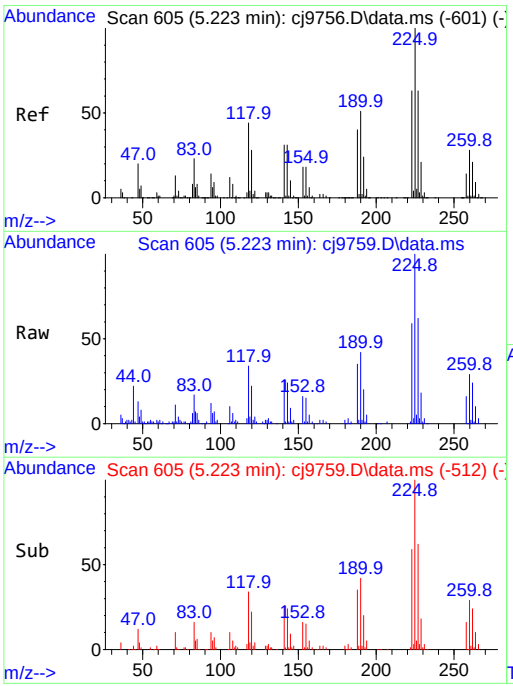


#41
Hydroquinone
Concen: 4.39 ppm
RT: 5.341 min Scan# 627
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:110 Resp: 15330

Ion	Ratio	Lower	Upper
110	100		
81	30.1	0.0	58.8
53	27.8	0.0	53.6

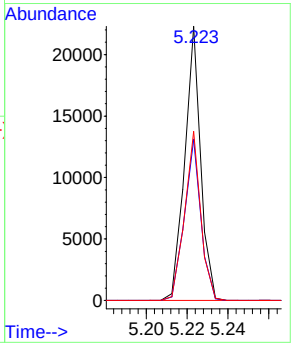


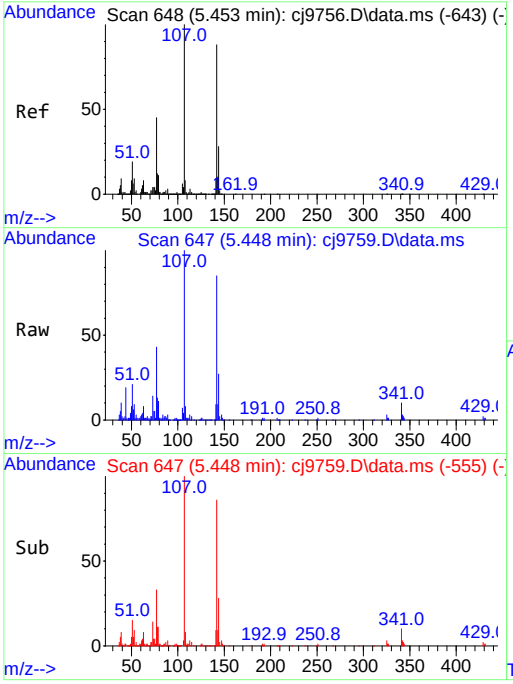


#42
Hexachlorobutadiene
Concen: 4.94 ppm
RT: 5.223 min Scan# 605
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:225 Resp: 12084

Ion	Ratio	Lower	Upper
225	100		
223	58.8	33.2	93.2
227	61.6	33.2	93.2

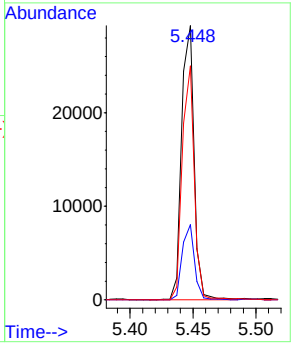


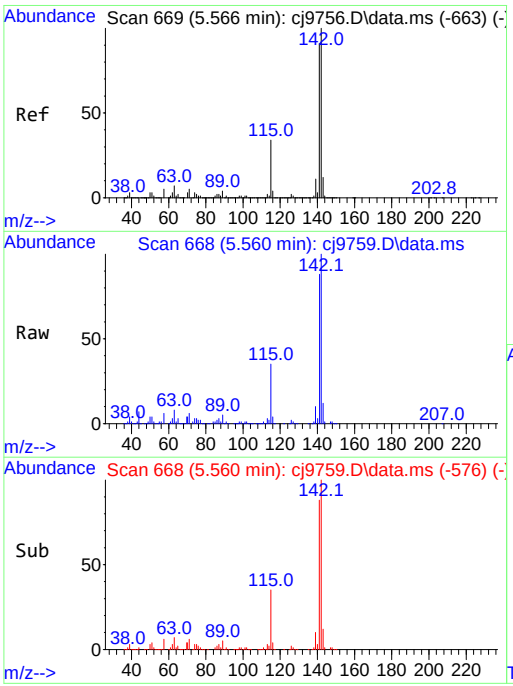


#43
4-Chloro-3-methylphenol
Concen: 4.50 ppm
RT: 5.448 min Scan# 647
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:107 Resp: 20264

Ion	Ratio	Lower	Upper
107	100		
144	27.5	0.0	58.3
142	85.2	58.1	118.1

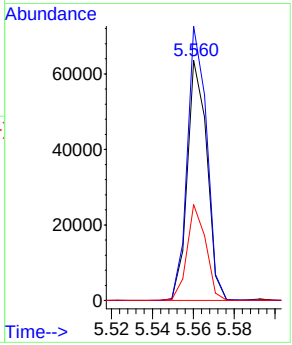


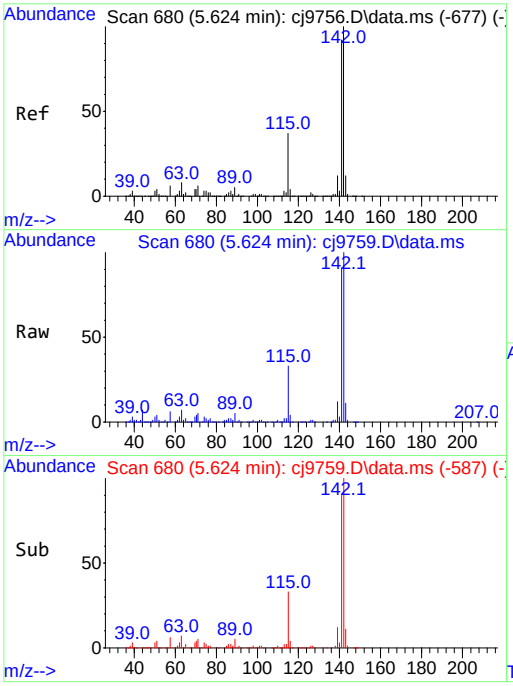


#44
2-Methylnaphthalene
Concen: 4.69 ppm
RT: 5.560 min Scan# 668
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:141 Resp: 42530

Ion	Ratio	Lower	Upper
141	100		
142	114.2	80.2	140.2
115	39.9	7.4	67.4

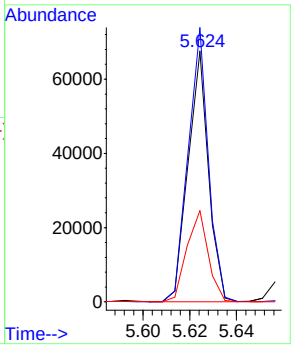


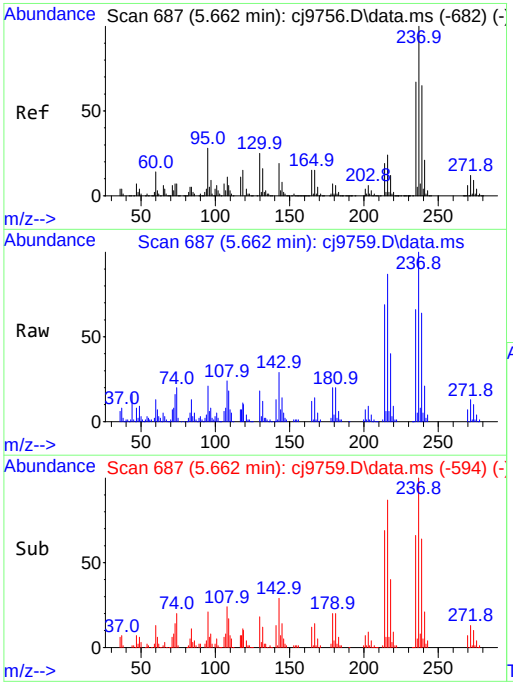


#45
1-Methylnaphthalene
Concen: 4.79 ppm
RT: 5.624 min Scan# 680
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:141 Resp: 41041

Ion	Ratio	Lower	Upper
141	100		
142	109.4	79.3	139.3
115	36.4	10.2	70.2

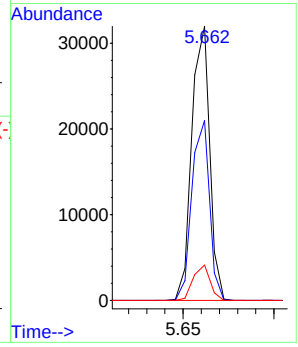


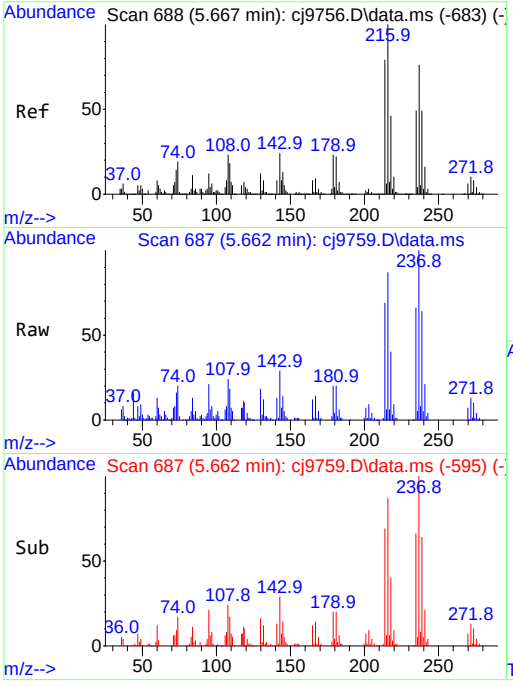


#47
Hexachlorocyclopentadiene
Concen: 8.91 ppm
RT: 5.662 min Scan# 687
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:237 Resp: 21809

Ion	Ratio	Lower	Upper
237	100		
235	65.6	37.2	97.2
272	13.0	0.0	41.7

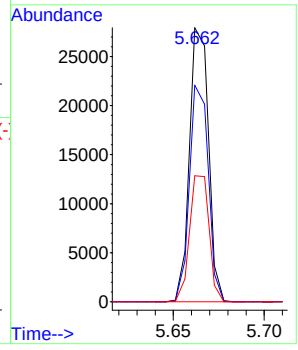


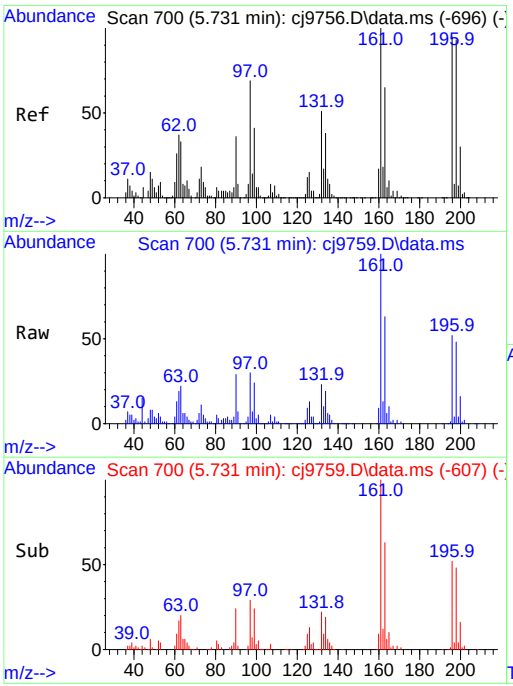


#48
1,2,4,5-tetrachlorobenzene
Concen: 4.71 ppm
RT: 5.662 min Scan# 687
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:216 Resp: 20249

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.8	94.2
218	47.1	37.3	55.9

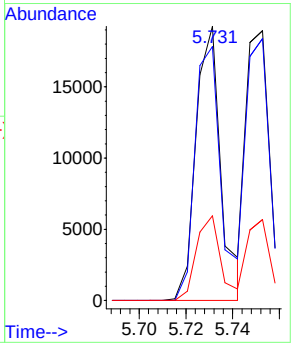


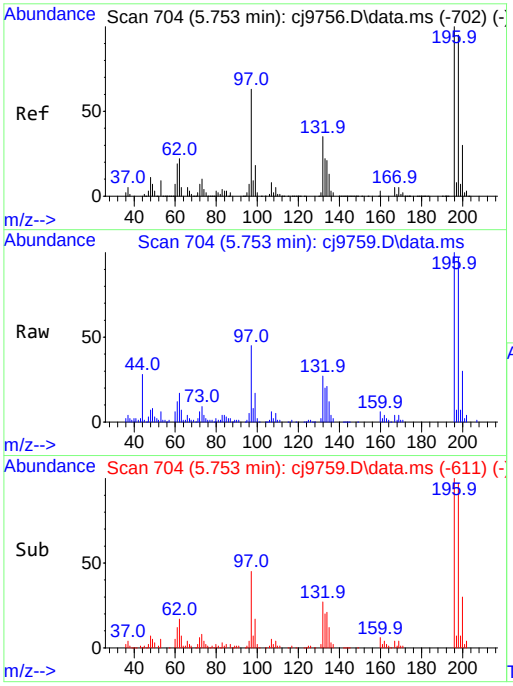


#49
2,4,6-Trichlorophenol
Concen: 4.85 ppm
RT: 5.731 min Scan# 700
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:196 Resp: 14269

Ion	Ratio	Lower	Upper
196	100		
198	92.3	67.2	127.2
200	31.2	0.8	60.8

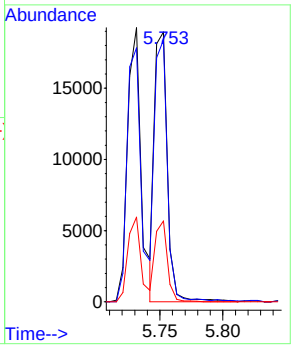


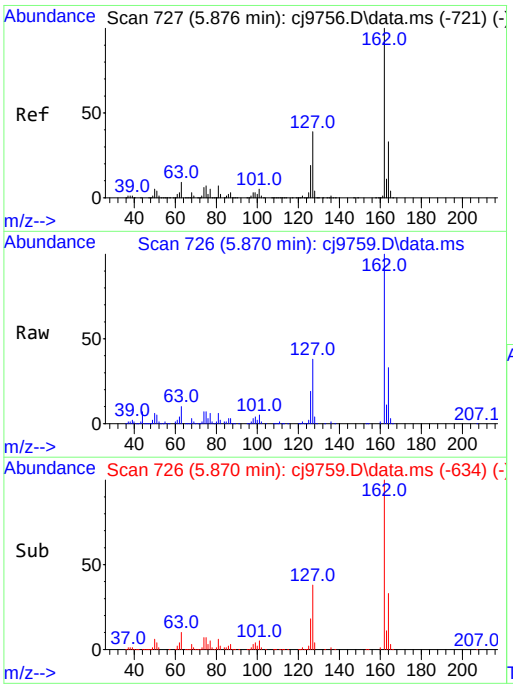


#50
2,4,5-Trichlorophenol
Concen: 4.29 ppm
RT: 5.753 min Scan# 704
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:196 Resp: 13674

Ion	Ratio	Lower	Upper
196	100		
198	97.0	65.1	125.1
200	30.2	0.0	60.0

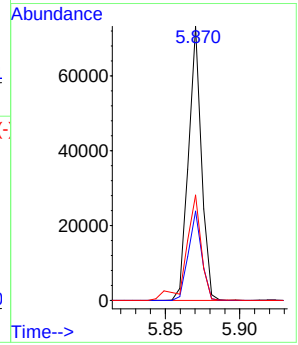


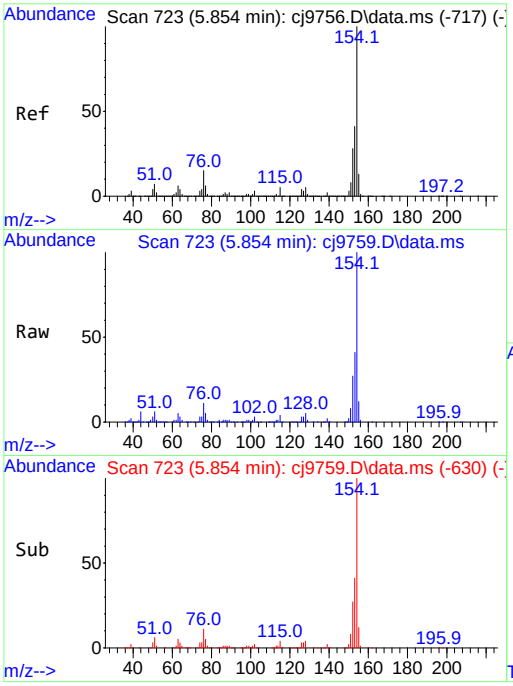


#52
2-Chloronaphthalene
Concen: 4.80 ppm
RT: 5.870 min Scan# 726
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:162 Resp: 44247

Ion	Ratio	Lower	Upper
162	100		
164	32.6	3.5	63.5
127	38.1	9.4	69.4

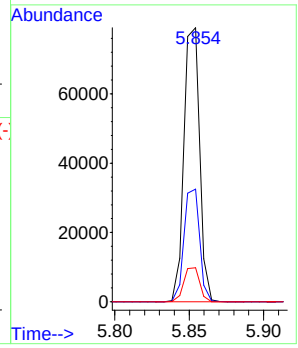


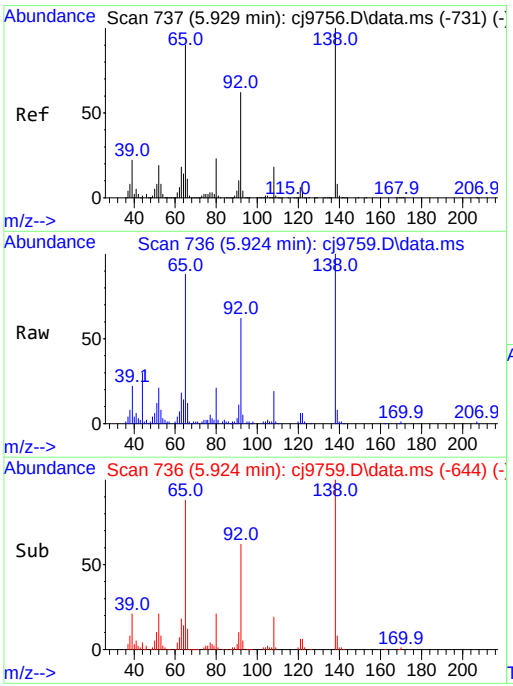


#53
Biphenyl
Concen: 4.94 ppm
RT: 5.854 min Scan# 723
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:154 Resp: 58320

Ion	Ratio	Lower	Upper
154	100		
153	41.1	11.4	71.4
155	12.5	0.0	43.2

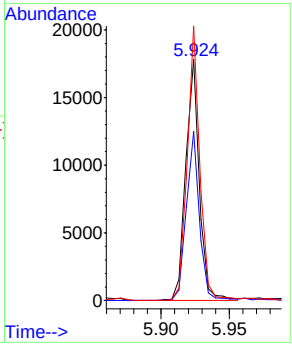


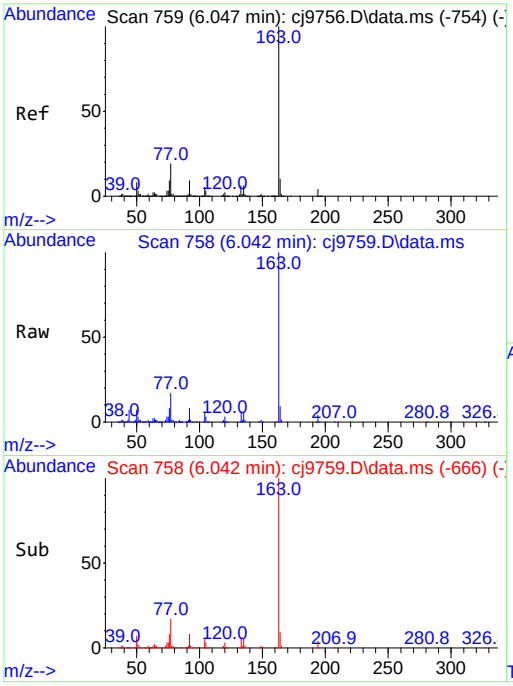


#54
2-Nitroaniline
Concen: 4.17 ppm
RT: 5.924 min Scan# 736
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 65 Resp: 12244

Ion	Ratio	Lower	Upper
65	100		
92	70.2	38.9	98.9
138	113.9	81.3	141.3

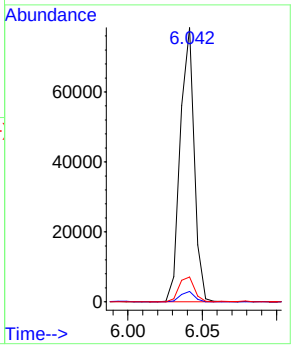


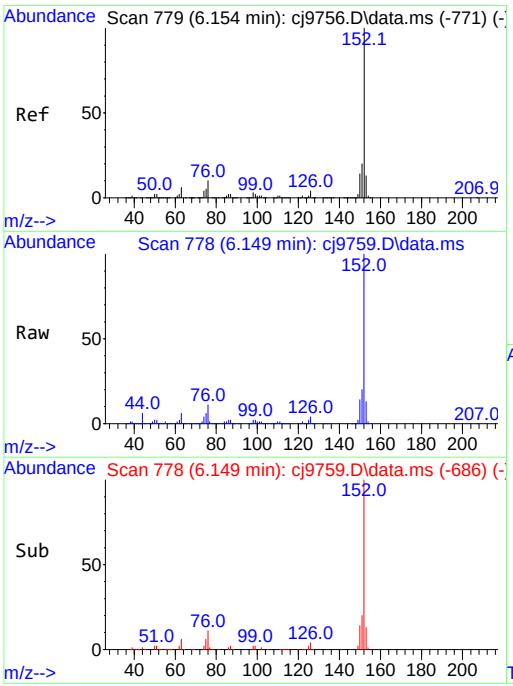


#55
Dimethylphthalate
Concen: 4.74 ppm
RT: 6.042 min Scan# 758
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:163 Resp: 51158

Ion	Ratio	Lower	Upper
163	100		
194	3.8	0.0	34.1
164	9.0	0.0	40.2

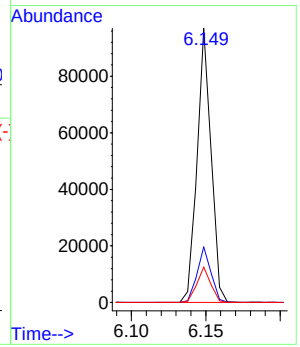


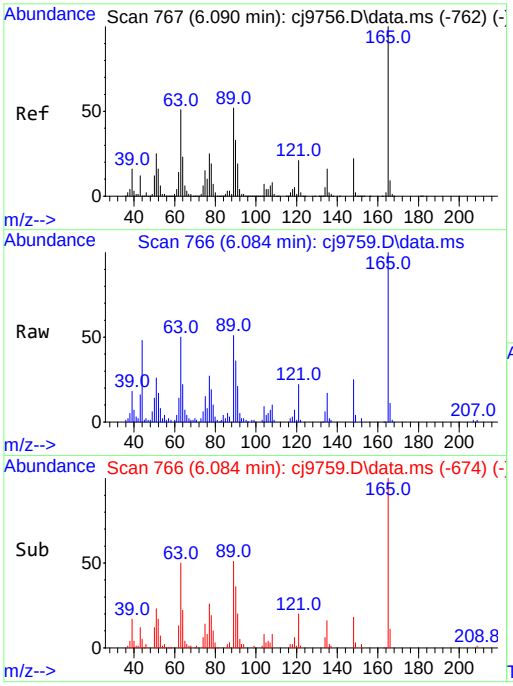


#56
Acenaphthylene
Concen: 4.72 ppm
RT: 6.149 min Scan# 778
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:152 Resp: 63267

Ion	Ratio	Lower	Upper
152	100		
151	20.3	0.0	50.2
153	12.9	0.0	43.2

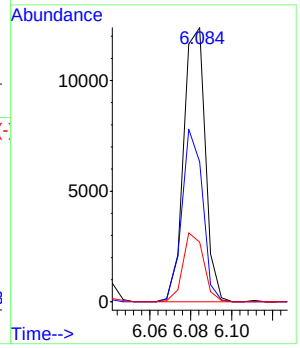


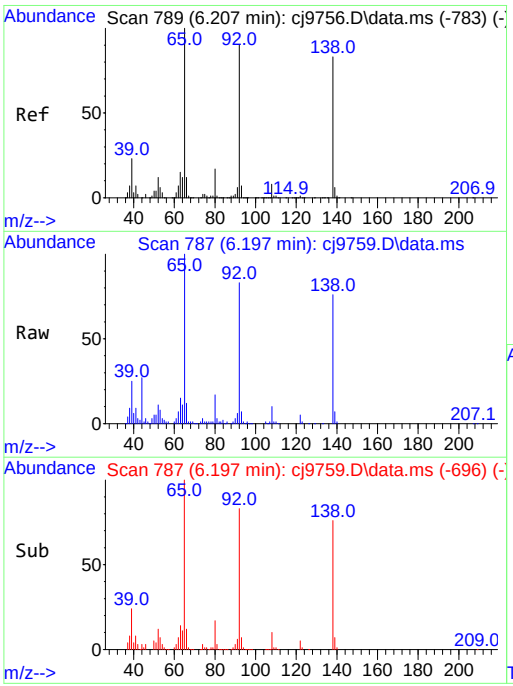


#57
2,6-Dinitrotoluene
Concen: 3.87 ppm
RT: 6.084 min Scan# 766
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:165 Resp: 9175

Ion	Ratio	Lower	Upper
165	100		
89	51.0	21.5	81.5
121	21.7	0.0	50.9

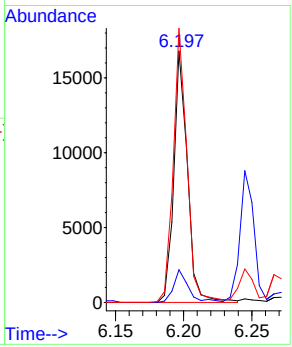


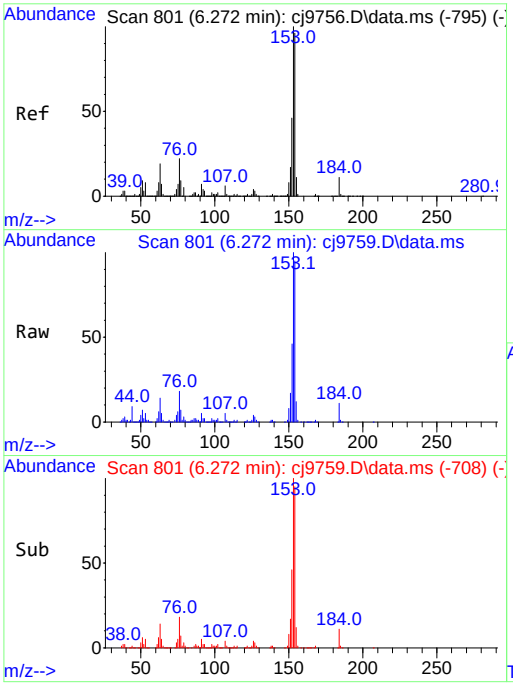


#58
3-Nitroaniline
Concen: 4.22 ppm
RT: 6.197 min Scan# 787
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:138 Resp: 11738

Ion	Ratio	Lower	Upper
138	100		
108	5.5	0.0	39.2
92	106.6	78.1	138.1

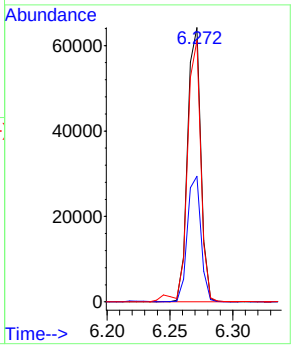


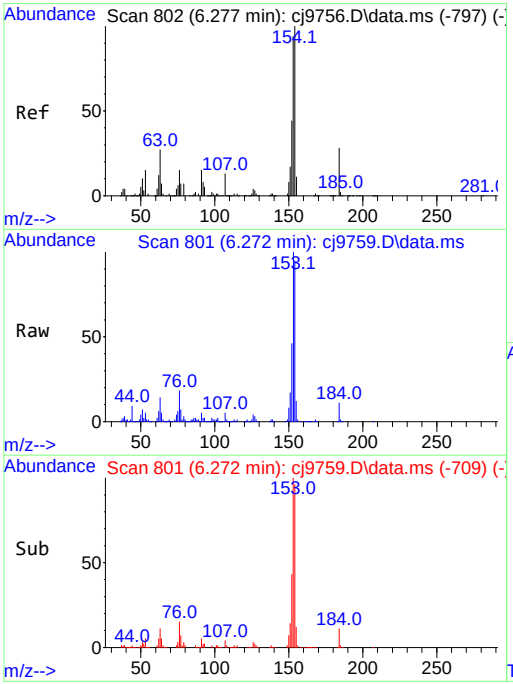


#59
Acenaphthene
Concen: 4.88 ppm
RT: 6.272 min Scan# 801
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:153 Resp: 47086

Ion	Ratio	Lower	Upper
153	100		
152	45.7	16.3	76.3
154	95.2	65.5	125.5

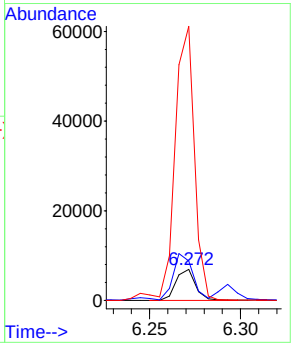


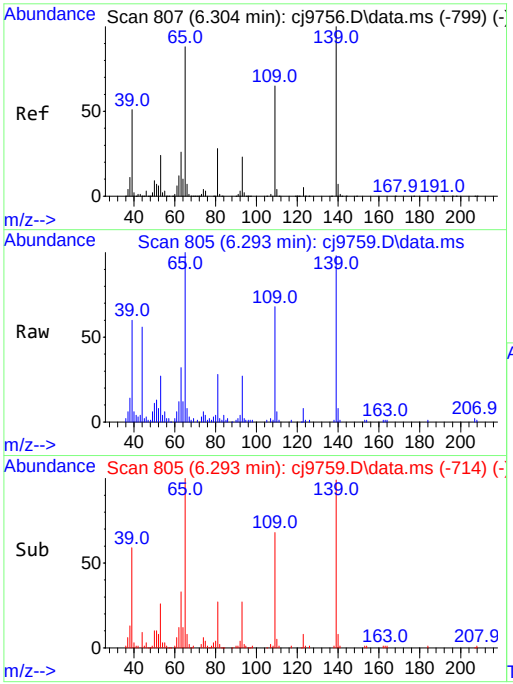


#60
2,4-Dinitrophenol
Concen: 3.96 ppm
RT: 6.272 min Scan# 801
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:184 Resp: 5203

Ion	Ratio	Lower	Upper
184	100		
63	113.0	66.5	126.5
154	878.8	333.5	393.5#

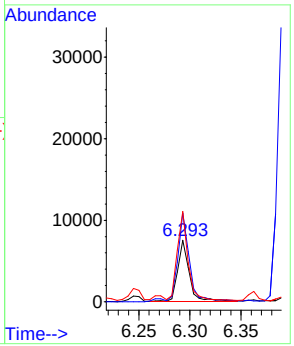


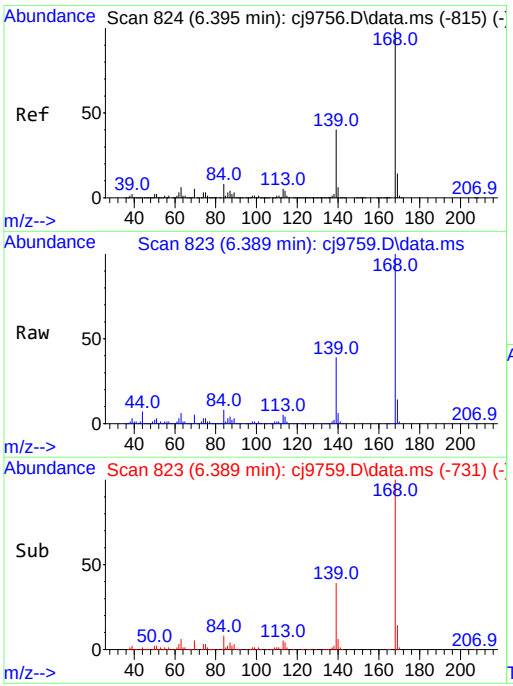


#61
4-Nitrophenol
Concen: 3.78 ppm
RT: 6.293 min Scan# 805
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:109 Resp: 5836

Ion	Ratio	Lower	Upper
109	100		
139	143.9	125.2	185.2
65	145.0	105.7	165.7

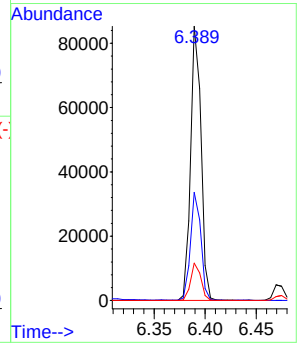


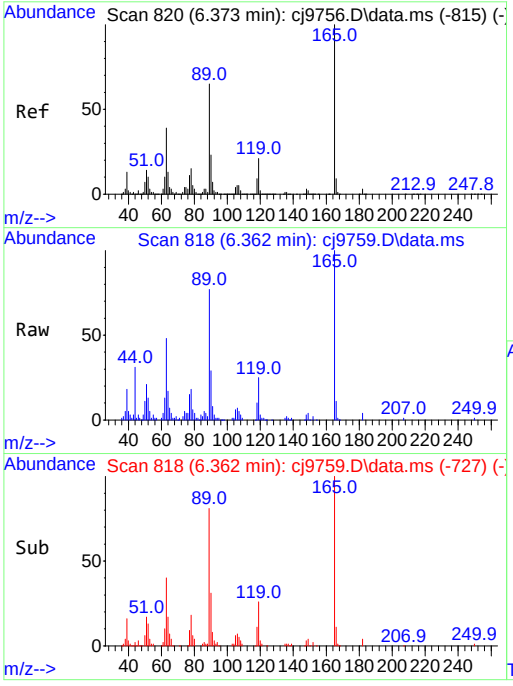


#62
Dibenzofuran
Concen: 4.72 ppm
RT: 6.389 min Scan# 823
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:168 Resp: 60871

Ion	Ratio	Lower	Upper
168	100		
139	39.3	10.5	70.5
169	13.6	0.0	43.5

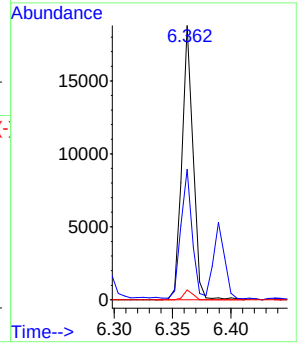


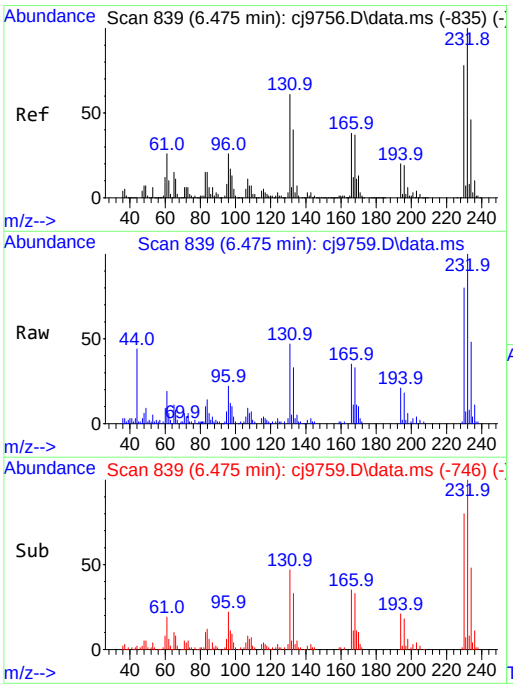


#63
2,4-Dinitrotoluene
Concen: 3.85 ppm
RT: 6.362 min Scan# 818
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:165 Resp: 12565

Ion	Ratio	Lower	Upper
165	100		
63	46.9	9.3	69.3
182	3.6	0.0	33.1

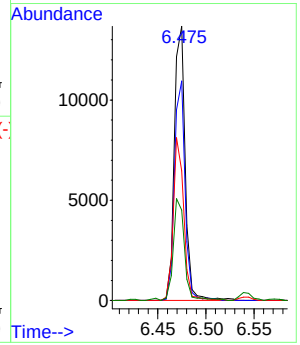


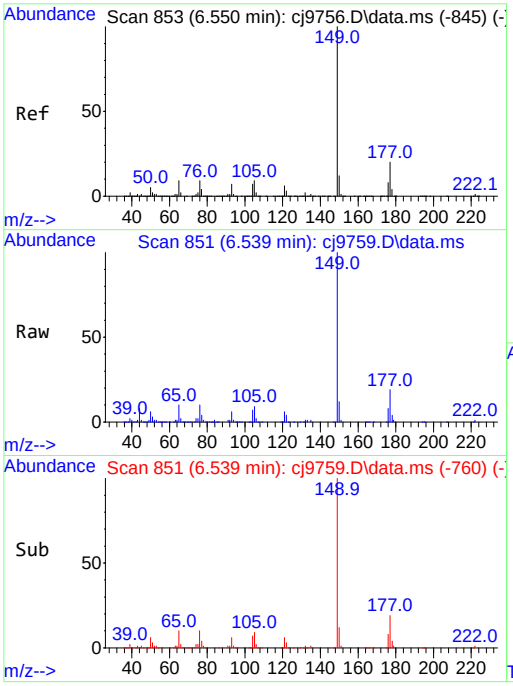


#64
2,3,4,6-Tetrachlorophenol
Concen: 4.34 ppm
RT: 6.475 min Scan# 839
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:232 Resp: 10716

Ion	Ratio	Lower	Upper
232	100		
230	80.0	48.2	108.2
131	46.6	30.7	90.7
133	31.2	9.7	69.7

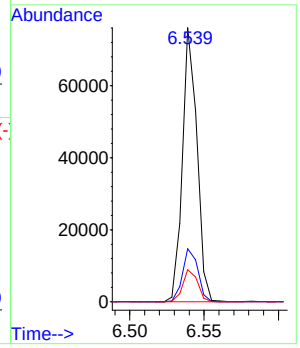


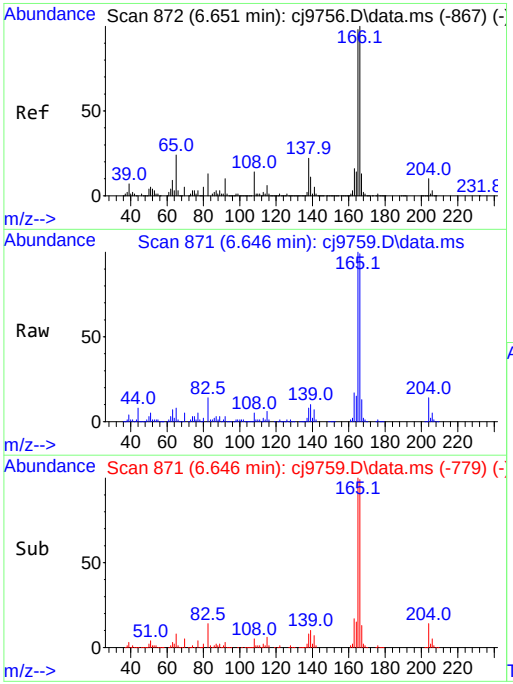


#65
Diethylphthalate
Concen: 4.63 ppm
RT: 6.539 min Scan# 851
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:149 Resp: 51874

Ion	Ratio	Lower	Upper
149	100		
177	19.4	0.0	50.1
150	11.8	0.0	42.3

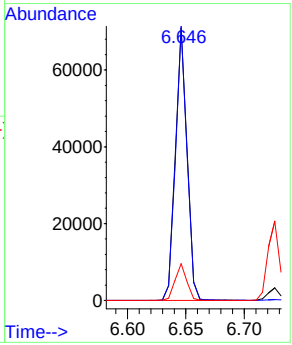


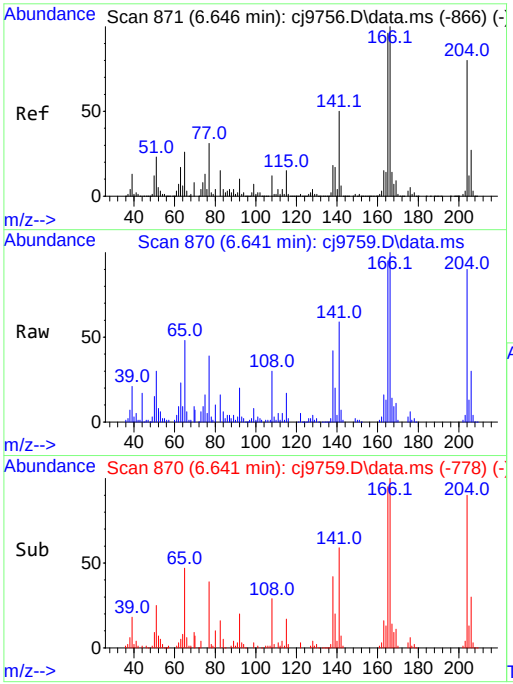


#66
Fluorene
Concen: 4.80 ppm
RT: 6.646 min Scan# 871
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:166 Resp: 49338

Ion	Ratio	Lower	Upper
166	100		
165	100.7	68.3	128.3
167	13.5	0.0	43.4

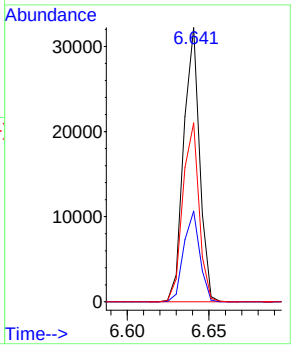


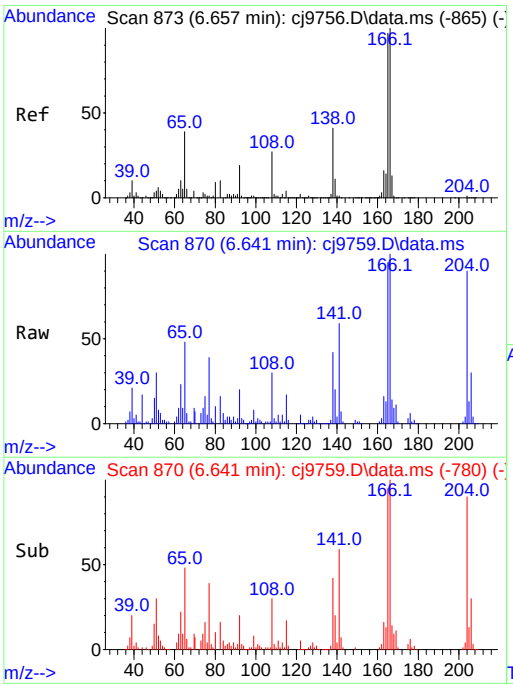


#67
4-Chlorophenyl-phenylether
Concen: 4.68 ppm
RT: 6.641 min Scan# 870
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:204 Resp: 21915

Ion	Ratio	Lower	Upper
204	100		
206	33.1	4.0	64.0
141	65.2	33.0	93.0

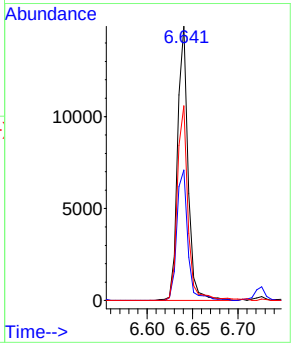


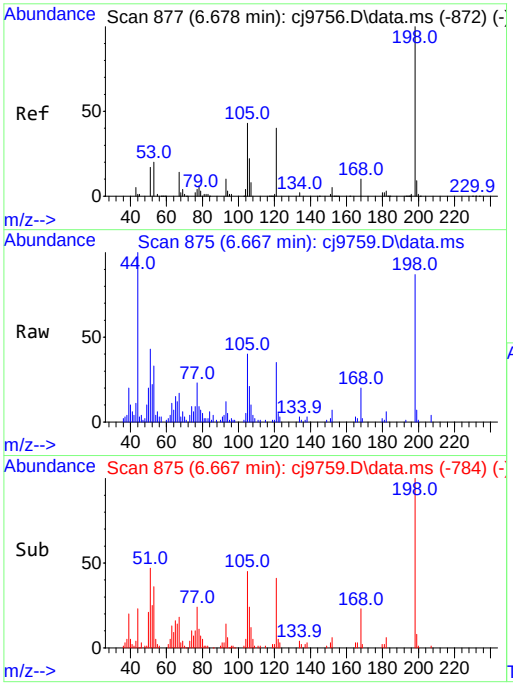


#68
4-Nitroaniline
Concen: 4.11 ppm
RT: 6.641 min Scan# 870
Delta R.T. -0.016 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:138 Resp: 11949

Ion	Ratio	Lower	Upper
138	100		
92	47.5	15.3	75.3
108	70.7	36.8	96.8

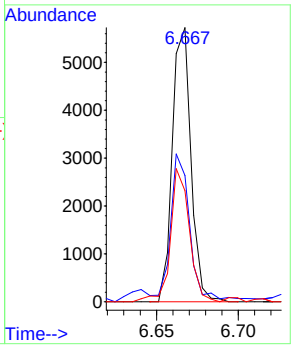


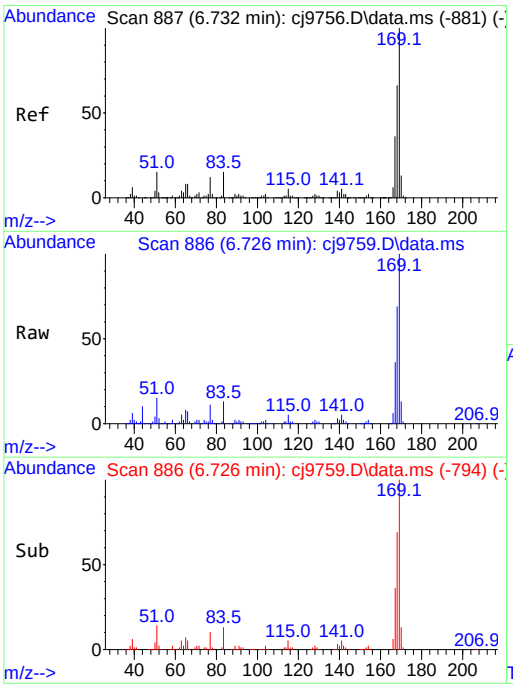


#70
4,6-Dinitro-2-methylphenol
Concen: 2.69 ppm
RT: 6.667 min Scan# 875
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:198 Resp: 4551

Ion	Ratio	Lower	Upper
198	100		
105	44.2	5.0	65.0
121	38.8	10.0	70.0

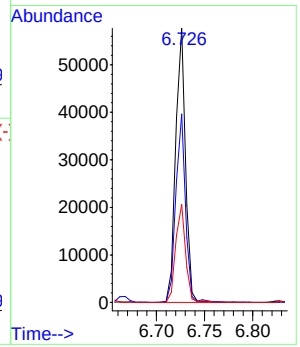


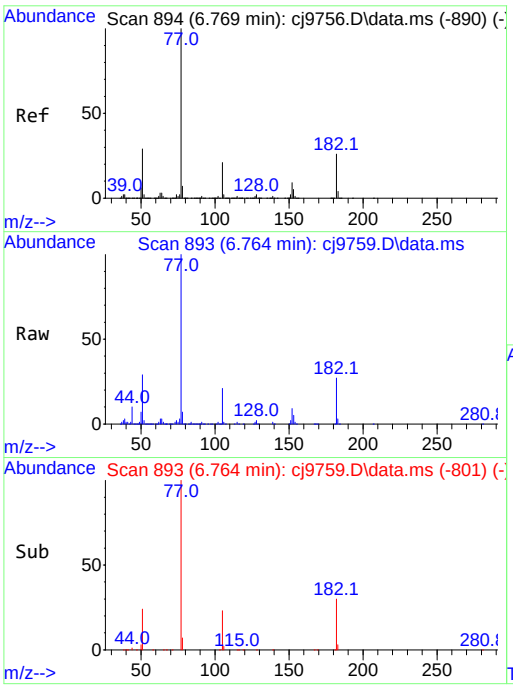


#71
n-Nitrosodiphenylamine
Concen: 4.60 ppm
RT: 6.726 min Scan# 886
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:169 Resp: 40751

Ion	Ratio	Lower	Upper
169	100		
168	68.6	36.0	96.0
167	35.8	5.9	65.9

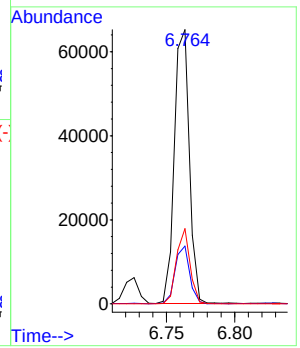


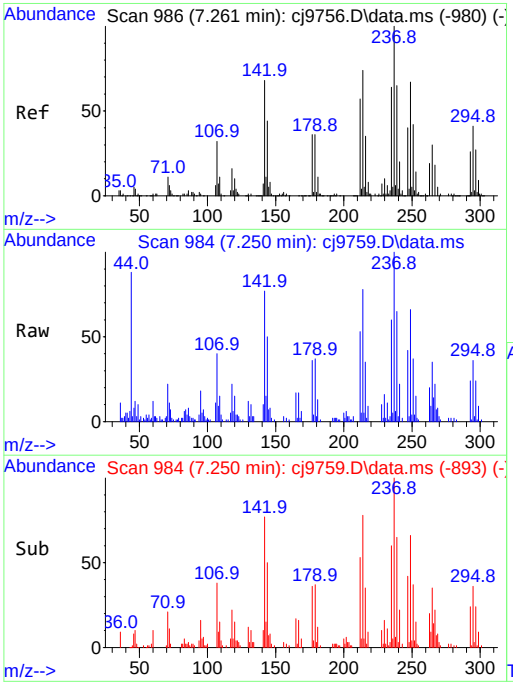


#72
1,2-Diphenylhydrazine
Concen: 4.69 ppm
RT: 6.764 min Scan# 893
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 77 Resp: 50214

Ion	Ratio	Lower	Upper
77	100		
105	21.0	0.0	51.2
182	27.5	0.0	55.7

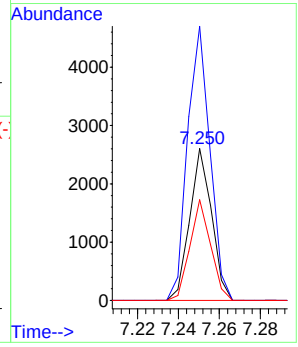


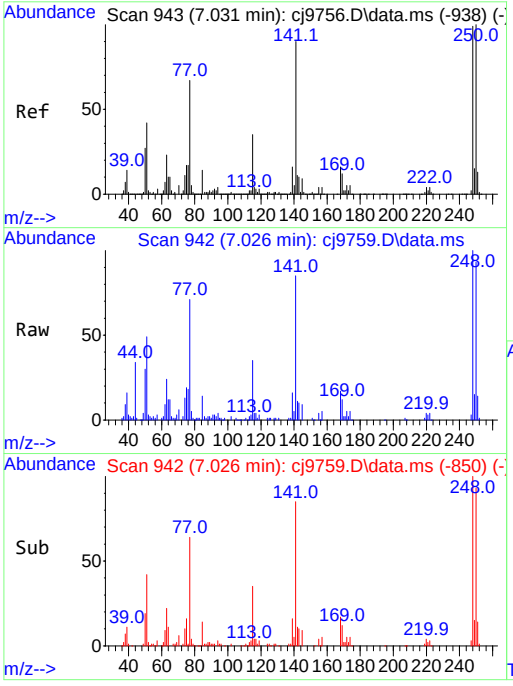


#73
pentachloronitrobenzene
Concen: 4.15 ppm
RT: 7.250 min Scan# 984
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:295 Resp: 1943

Ion	Ratio	Lower	Upper
295	100		
249	184.7	132.3	198.5
297	63.0	50.6	75.8

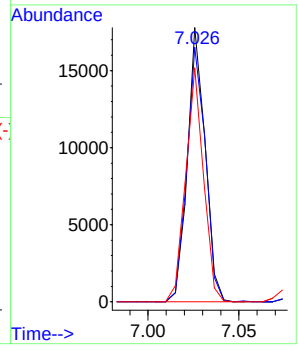


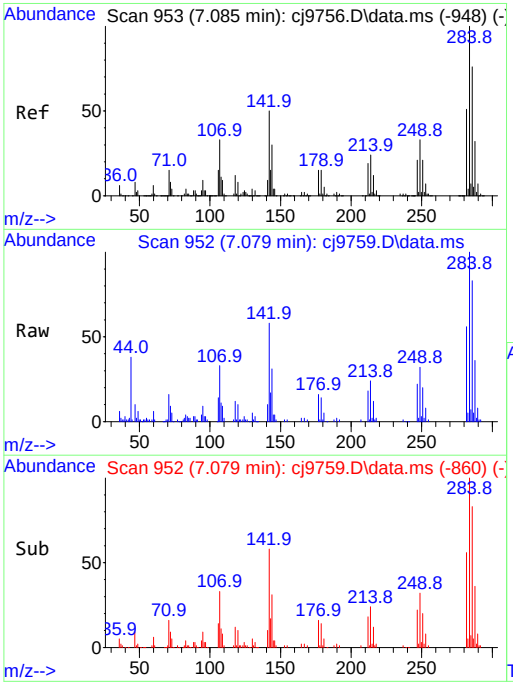


#75
4-Bromophenyl-phenylether
Concen: 4.68 ppm
RT: 7.026 min Scan# 942
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:248 Resp: 12023

Ion	Ratio	Lower	Upper
248	100		
250	92.7	71.3	131.3
141	85.3	61.3	121.3

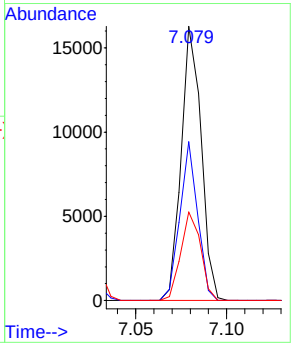


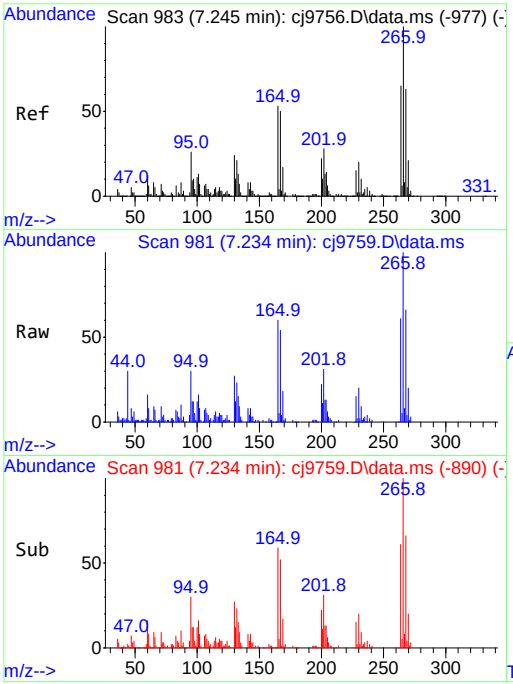


#76
Hexachlorobenzene
Concen: 4.58 ppm
RT: 7.079 min Scan# 952
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:284 Resp: 12393

Ion	Ratio	Lower	Upper
284	100		
142	57.9	20.3	80.3
249	32.3	3.5	63.5

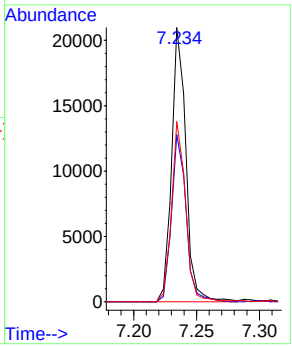


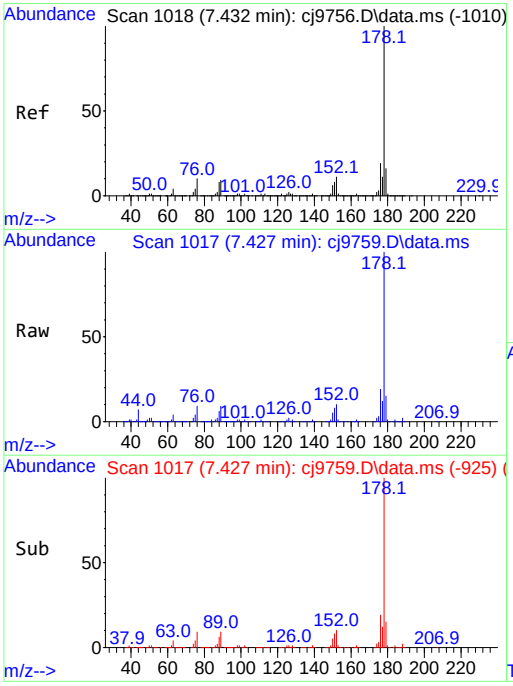


#77
Pentachlorophenol
Concen: 8.29 ppm
RT: 7.234 min Scan# 981
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:266 Resp: 16502

Ion	Ratio	Lower	Upper
266	100		
264	61.1	35.3	95.3
268	65.6	33.4	93.4

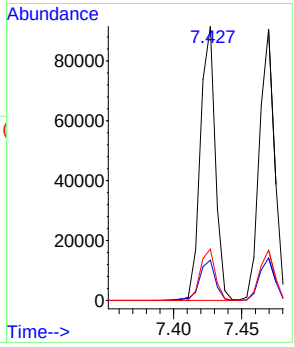


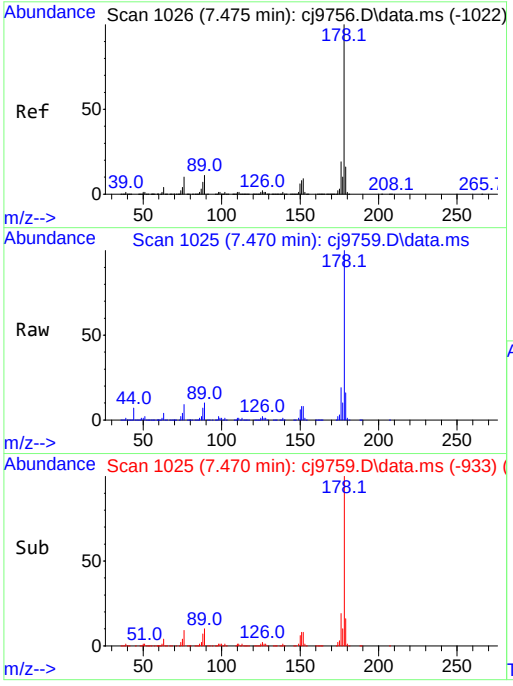


#78
Phenanthrene
Concen: 4.76 ppm
RT: 7.427 min Scan# 1017
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:178 Resp: 70079

Ion	Ratio	Lower	Upper
178	100		
179	14.7	0.0	45.6
176	18.8	0.0	49.4

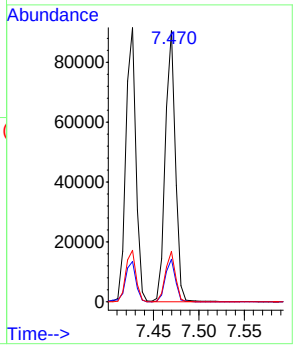


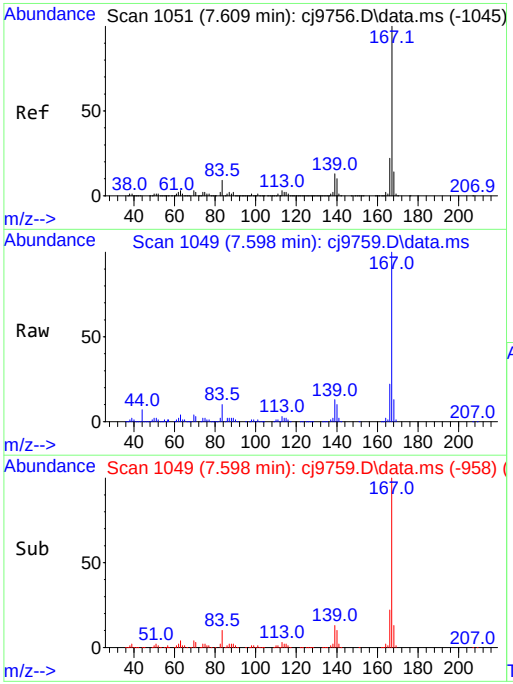


#79
Anthracene
Concen: 4.71 ppm
RT: 7.470 min Scan# 1025
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:178 Resp: 69906

Ion	Ratio	Lower	Upper
178	100		
179	15.7	0.0	45.9
176	18.6	0.0	48.6

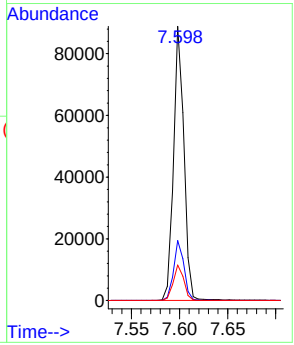


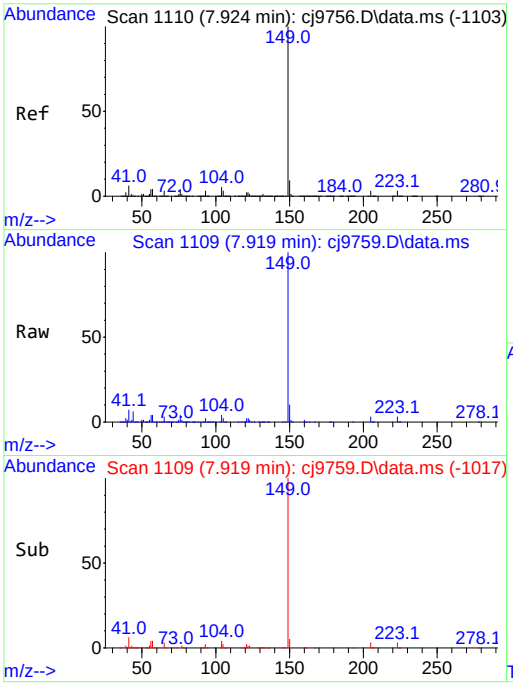


#80
Carbazole
Concen: 4.62 ppm
RT: 7.598 min Scan# 1049
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:167 Resp: 66586

Ion	Ratio	Lower	Upper
167	100		
166	21.9	0.0	51.6
139	12.9	0.0	43.1

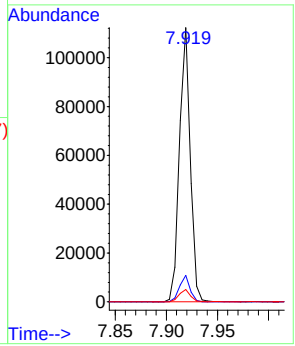


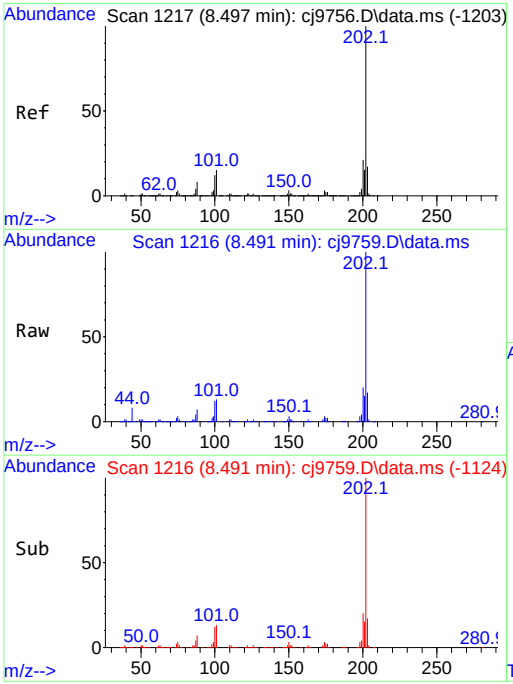


#81
Di-n-butylphthalate
Concen: 4.35 ppm
RT: 7.919 min Scan# 1109
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:149 Resp: 83021

Ion	Ratio	Lower	Upper
149	100		
150	9.6	0.0	39.2
104	4.4	0.0	34.6

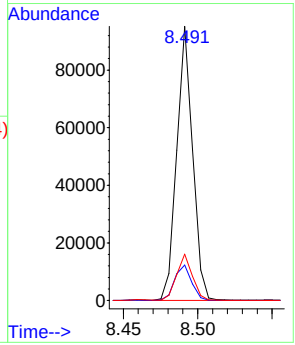


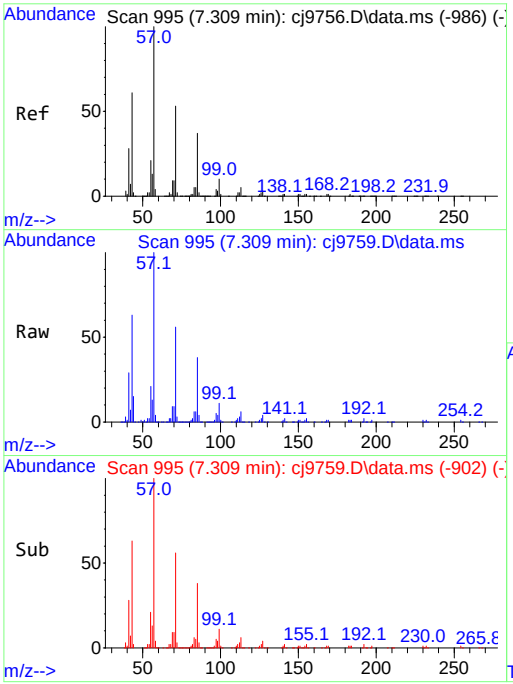


#82
Fluoranthene
Concen: 4.47 ppm
RT: 8.491 min Scan# 1216
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:202 Resp: 70915

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	45.3
203	16.8	0.0	47.3

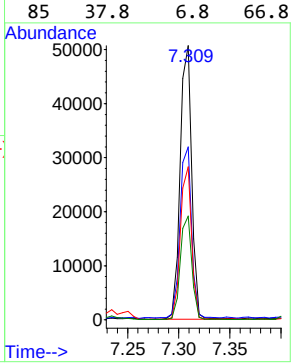


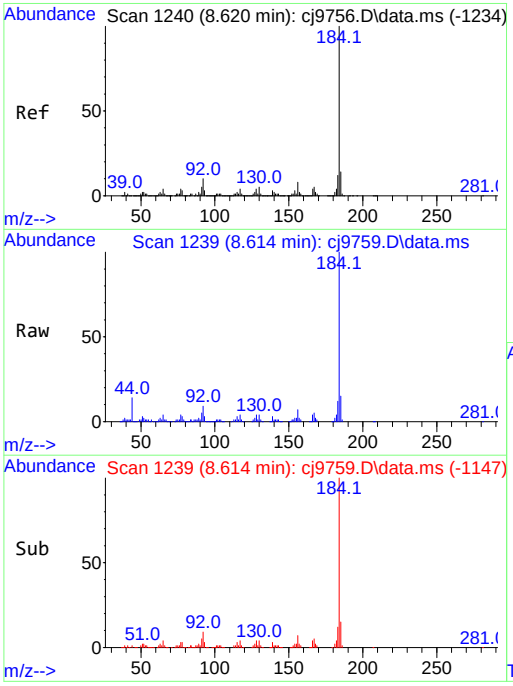


#83
Octadecane
Concen: 4.55 ppm
RT: 7.309 min Scan# 995
Delta R.T. -0.000 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion: 57 Resp: 39843

Ion	Ratio	Lower	Upper
57	100		
43	62.5	31.1	91.1
71	55.7	23.7	83.7
85	37.8	6.8	66.8

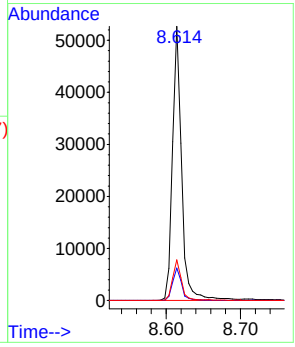


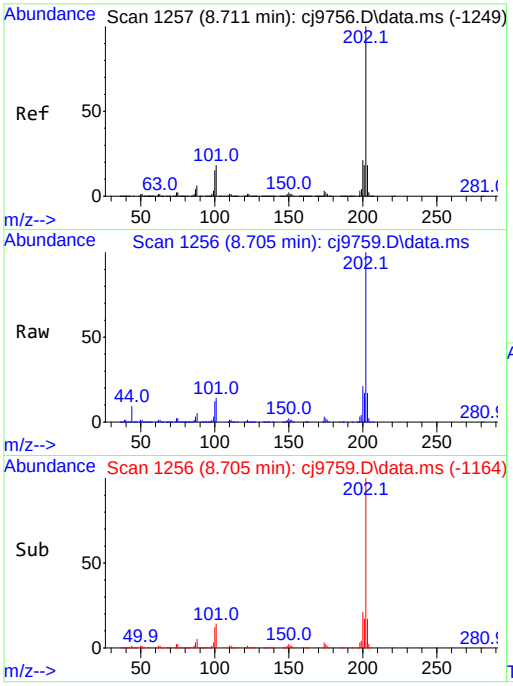


#85
benzidine
Concen: 5.13 ppm
RT: 8.614 min Scan# 1239
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:184 Resp: 44831

Ion	Ratio	Lower	Upper
184	100		
183	11.8	9.5	14.3
185	14.6	11.0	16.4

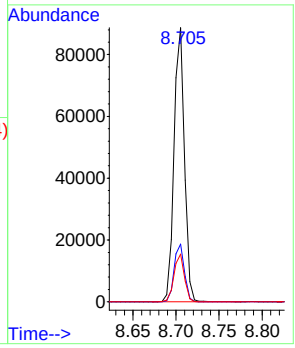


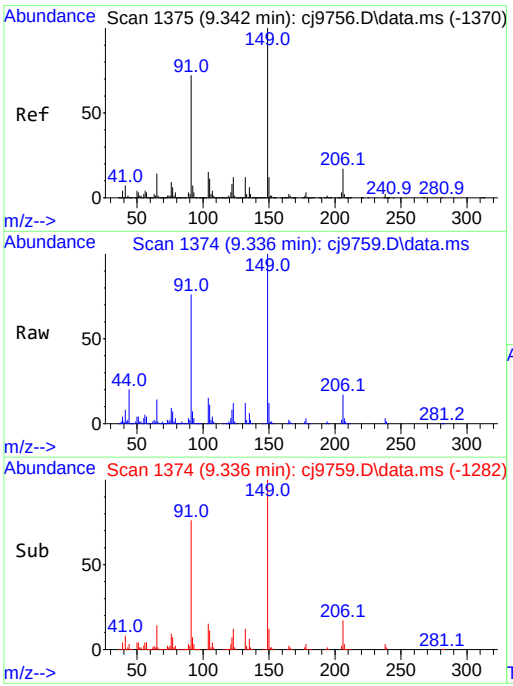


#86
Pyrene
Concen: 4.78 ppm
RT: 8.705 min Scan# 1256
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:202 Resp: 74278

Ion	Ratio	Lower	Upper
202	100		
200	21.1	0.0	51.1
203	17.4	0.0	47.7

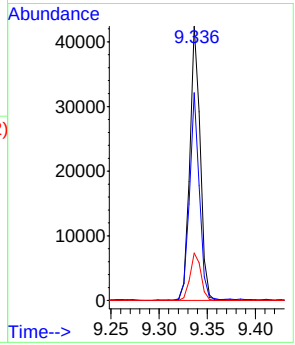


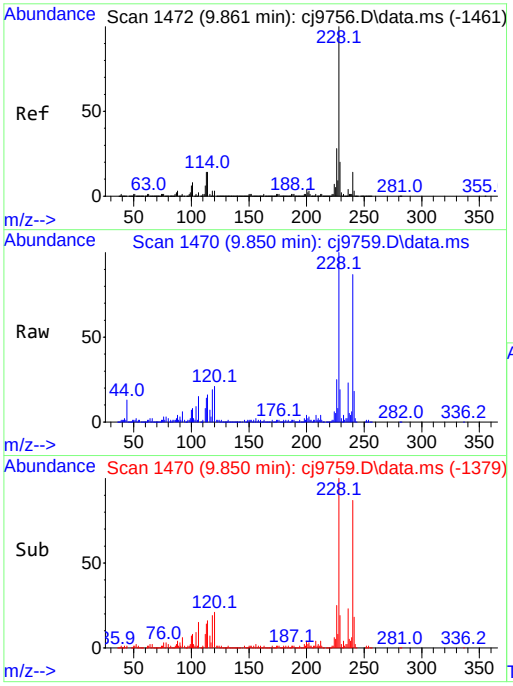


#88
Butylbenzylphthalate
Concen: 3.93 ppm
RT: 9.336 min Scan# 1374
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:149 Resp: 32307

Ion	Ratio	Lower	Upper
149	100		
91	75.6	41.7	101.7
206	17.3	0.0	47.1

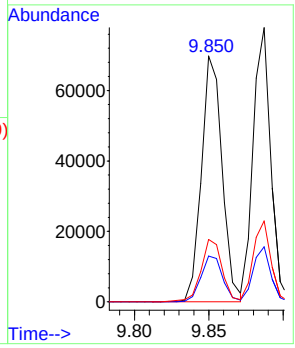


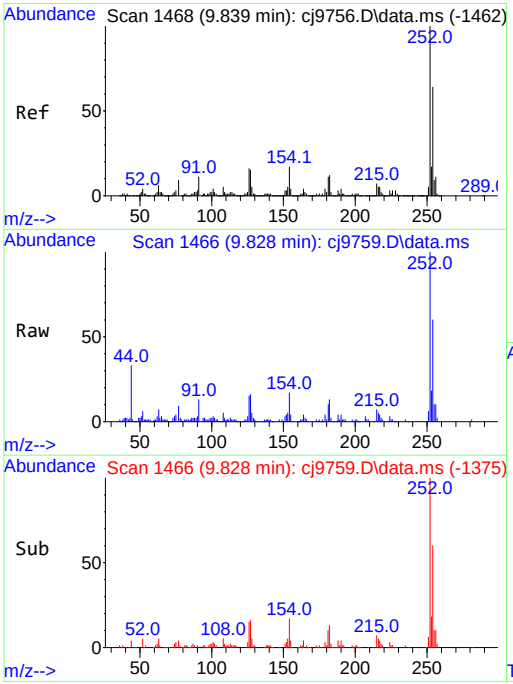


#89
Benzo[a]anthracene
Concen: 4.70 ppm
RT: 9.850 min Scan# 1470
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:228 Resp: 67561

Ion	Ratio	Lower	Upper
228	100		
229	18.6	0.0	50.0
226	25.3	0.0	57.8

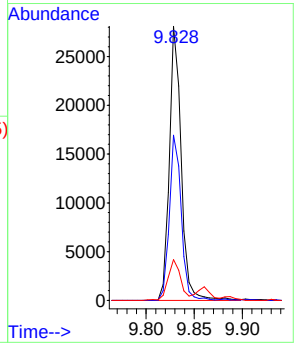


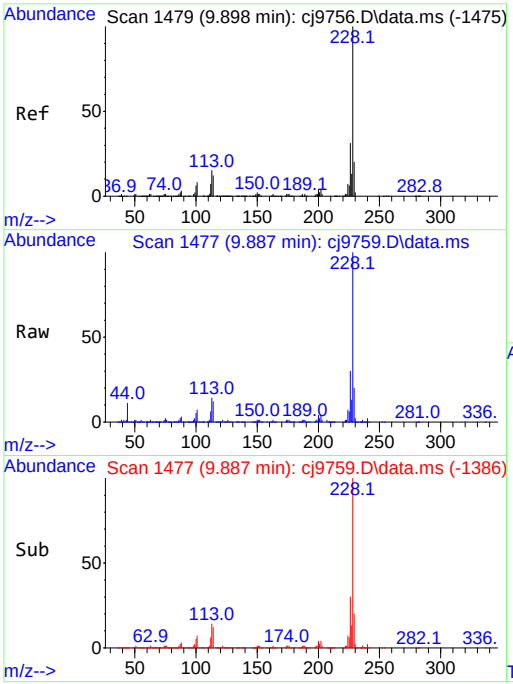


#90
3,3'-Dichlorobenzidine
Concen: 4.28 ppm
RT: 9.828 min Scan# 1466
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:252 Resp: 23953

Ion	Ratio	Lower	Upper
252	100		
254	60.2	34.1	94.1
126	14.5	0.0	45.7

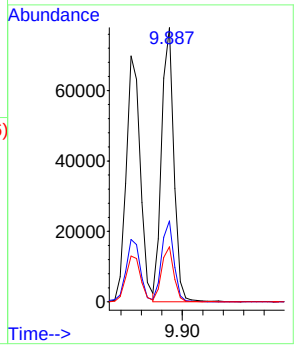


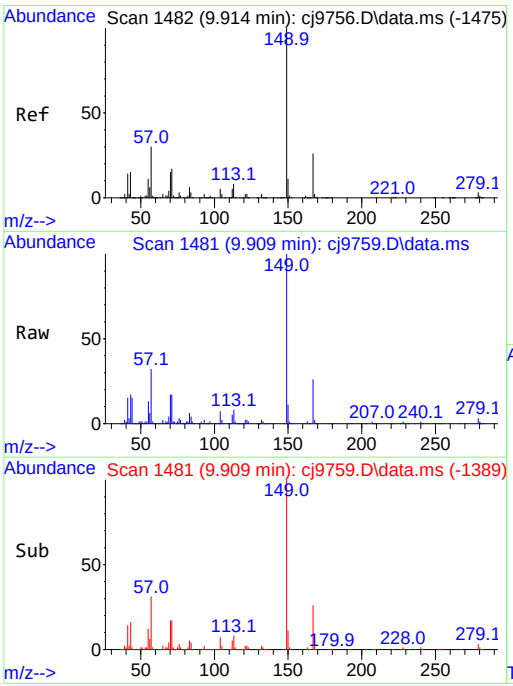


#91
Chrysene
Concen: 4.78 ppm
RT: 9.887 min Scan# 1477
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:228 Resp: 64380

Ion	Ratio	Lower	Upper
228	100		
226	29.6	0.6	60.6
229	20.1	0.0	49.9

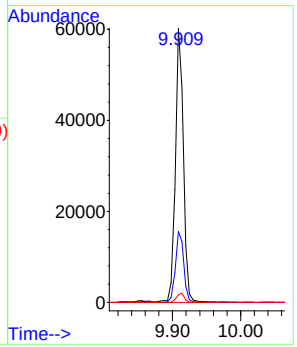


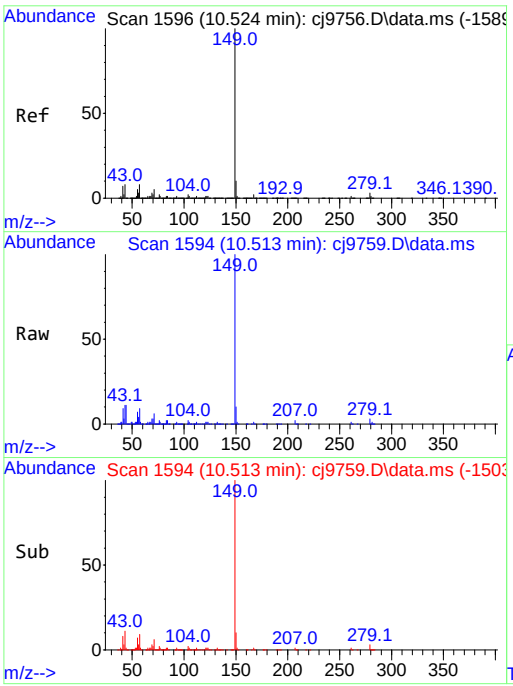


#92
bis(2-Ethylhexyl)phthalate
Concen: 4.07 ppm
RT: 9.909 min Scan# 1481
Delta R.T. -0.005 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:149 Resp: 49512

Ion	Ratio	Lower	Upper
149	100		
167	25.9	0.0	56.1
279	2.8	0.0	33.1

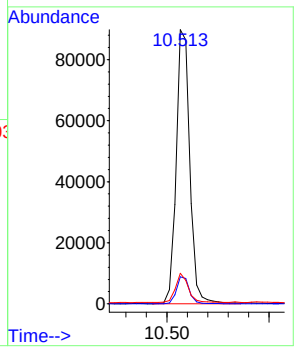


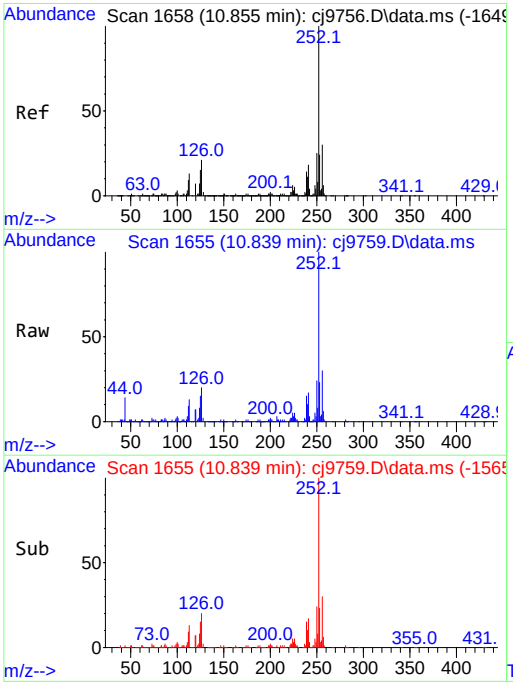


#94
Di-n-octylphthalate
Concen: 3.92 ppm
RT: 10.513 min Scan# 1594
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:149 Resp: 83236

Ion	Ratio	Lower	Upper
149	100		
150	9.9	0.0	39.6
43	10.6	0.0	38.2

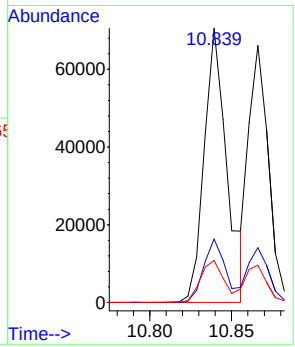


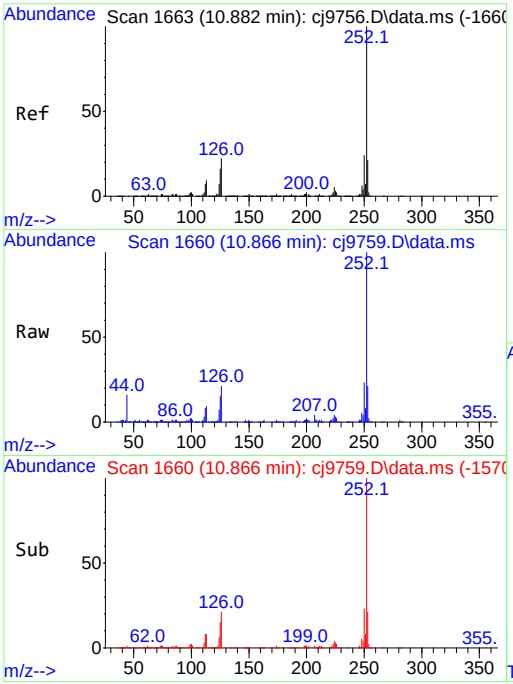


#95
Benzo[b]fluoranthene
Concen: 4.81 ppm
RT: 10.839 min Scan# 1655
Delta R.T. -0.016 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:252 Resp: 67945

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	54.1
125	14.8	0.0	45.5

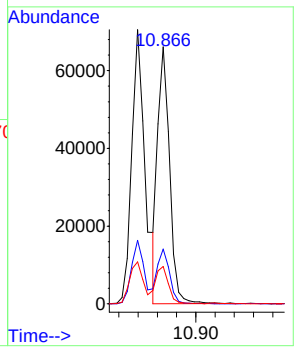


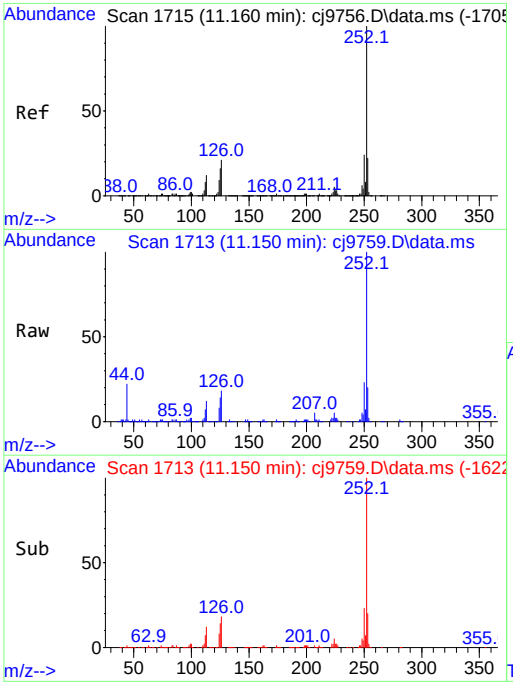


#96
Benzo[k]fluoranthene
Concen: 4.35 ppm
RT: 10.866 min Scan# 1660
Delta R.T. -0.016 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:252 Resp: 56528

Ion	Ratio	Lower	Upper
252	100		
253	21.3	0.0	51.4
125	13.8	0.0	45.5

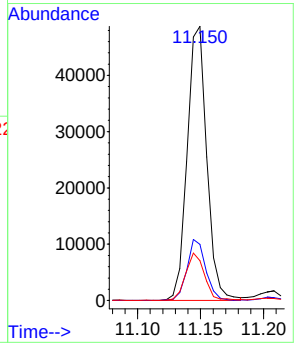


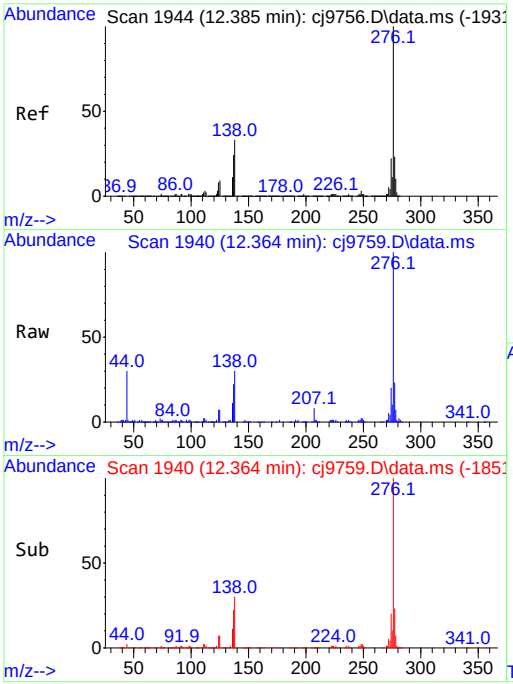


#97
Benzo[a]pyrene
Concen: 4.40 ppm
RT: 11.150 min Scan# 1713
Delta R.T. -0.011 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:252 Resp: 52790

Ion	Ratio	Lower	Upper
252	100		
253	20.4	0.0	51.6
125	14.3	0.0	46.4

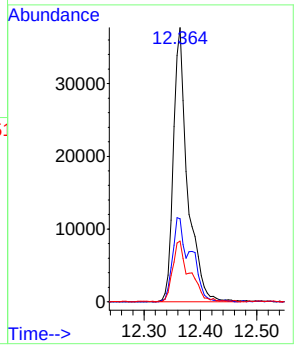


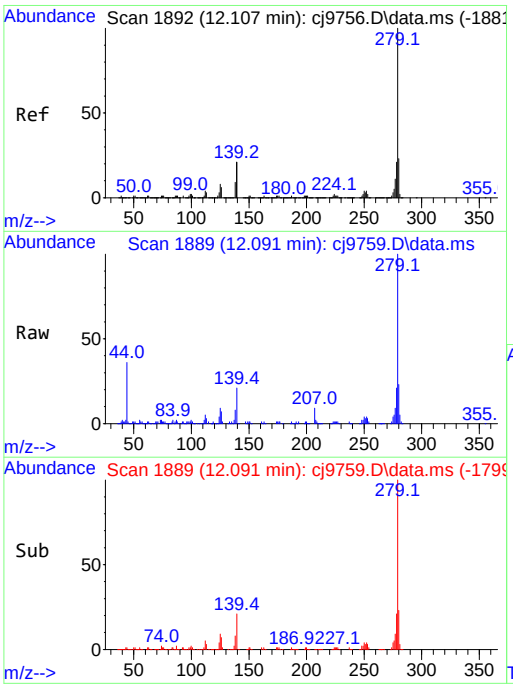


#98
Indeno[1,2,3-cd]pyrene
Concen: 4.31 ppm
RT: 12.364 min Scan# 1940
Delta R.T. -0.021 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:276 Resp: 66026

Ion	Ratio	Lower	Upper
276	100		
138	30.3	2.8	62.8
137	22.1	0.0	54.0

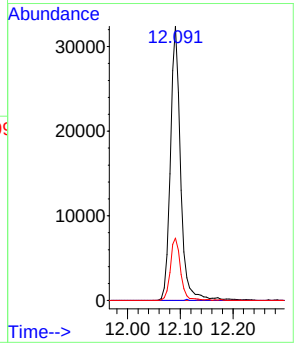


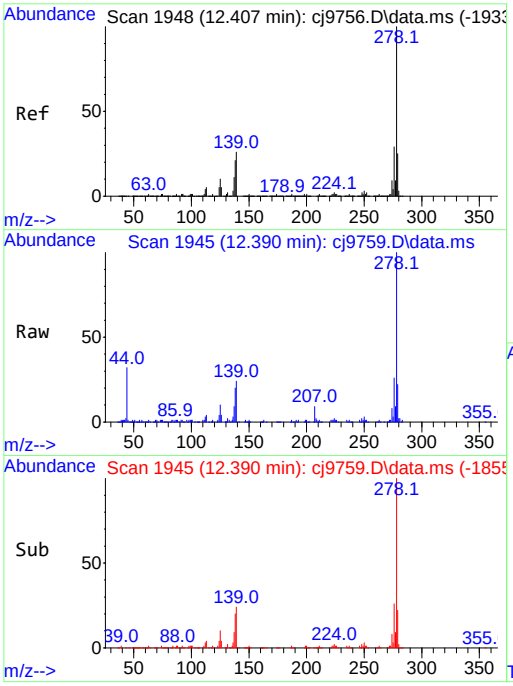


#99
Dibenz(a,h)acridine
Concen: 4.16 ppm
RT: 12.091 min Scan# 1889
Delta R.T. -0.016 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:279 Resp: 43423

Ion	Ratio	Lower	Upper
279	100		
140	0.4	0.0	30.0
280	22.7	0.0	52.6

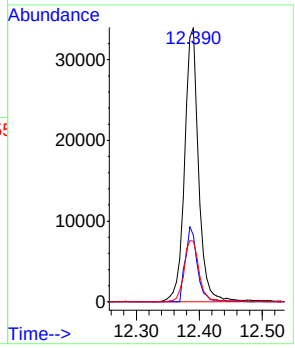


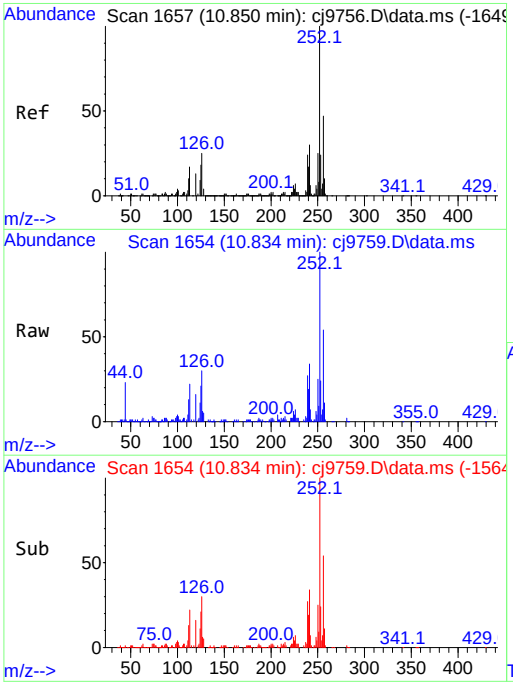


#100
Dibenz[a,h]anthracene
Concen: 4.31 ppm
RT: 12.390 min Scan# 1945
Delta R.T. -0.016 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:278 Resp: 52318

Ion	Ratio	Lower	Upper
278	100		
139	24.2	0.0	56.3
279	22.0	0.0	54.6

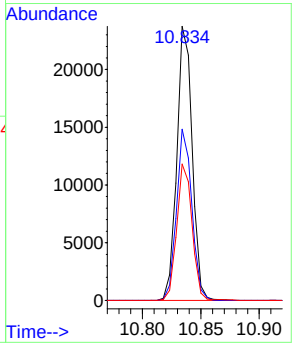


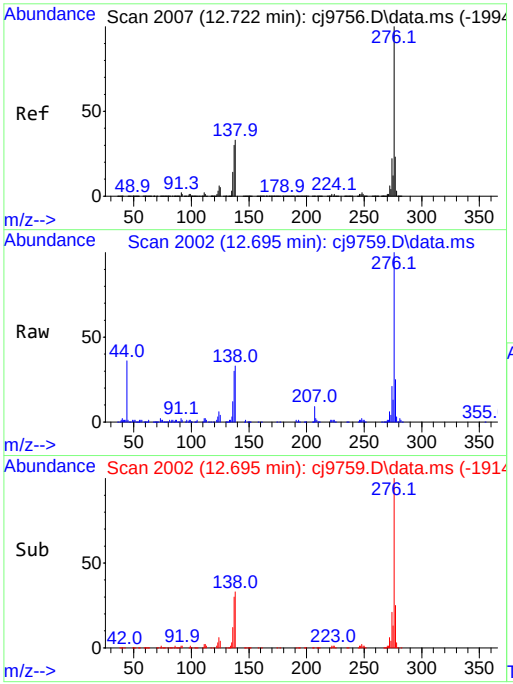


#101
7,12-Dimethylbenz(a)anthracene
Concen: 4.52 ppm
RT: 10.834 min Scan# 1654
Delta R.T. -0.016 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:256 Resp: 21657

Ion	Ratio	Lower	Upper
256	100		
241	62.4	32.7	92.7
239	49.8	20.3	80.3

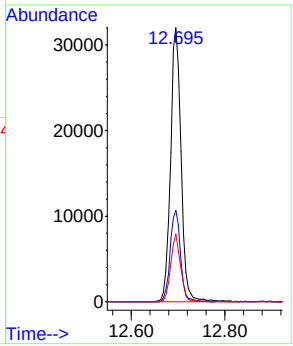




#102
Benzo[g,h,i]perylene
Concen: 4.31 ppm
RT: 12.695 min Scan# 2002
Delta R.T. -0.027 min
Lab File: cj9759.D
Acq: 17 Dec 2024 05:51 pm

Tgt Ion:276 Resp: 50001

Ion	Ratio	Lower	Upper
276	100		
138	33.4	3.3	63.3
277	24.7	0.0	53.4



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9760.D
Acq On : 17 Dec 2024 06:08 pm
Operator : rocquans
Sample : ic420-10
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 20 09:22:09 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	179605	40.00	ppm	0.00
24) Naphthalene-d8	5.138	136	680352	40.00	ppm	0.00
46) Acenaphthene-d10	6.245	164	363003	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	603680	40.00	ppm	0.00
84) Chrysene-d12	9.860	240	506282	40.00	ppm	-0.01
93) Perylene-d12	11.208	264	517767	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	4.394	152	179605	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	603680	40.00	ppm	0.00
107) Naphthalene-d8a	5.138	136	680352	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	603680	40.00	ppm	0.00
112) Chrysene-d12a	9.860	240	506282	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.554	112	54274	9.48	ppm	0.00
Spiked Amount 50.000			Recovery = 18.96%			
8) Phenol-d5	4.159	99	67263	8.97	ppm	0.00
Spiked Amount 50.000			Recovery = 17.94%			
25) Nitrobenzene-d5	4.715	82	65671	9.59	ppm	0.00
Spiked Amount 50.000			Recovery = 19.18%			
51) 2-Fluorobiphenyl	5.785	172	119087	9.95	ppm	0.00
Spiked Amount 50.000			Recovery = 19.90%			
74) 2,4,6-Tribromophenol	6.828	330	13756	9.26	ppm	0.00
Spiked Amount 50.000			Recovery = 18.52%			
87) Terphenyl-d14	8.860	244	120716	9.37	ppm	0.00
Spiked Amount 50.000			Recovery = 18.74%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.249	88	21900	10.16	ppm	99
3) Pyridine	2.549	79	59782	9.70	ppm	99
4) N-Nitrosodimethylamine	2.511	74	32619	8.88	ppm	97
6) Indene	4.549	116	100782	9.43	ppm	98
7) Cumene	3.902	105	119452	9.75	ppm	97
9) Phenol	4.164	94	71516	8.85	ppm	94
10) Aniline	4.191	93	91597	9.21	ppm	96
11) bis(2-Chloroethyl)ether	4.228	93	57238	8.95	ppm	96
12) 2-Chlorophenol	4.266	128	61398	9.21	ppm	90
13) Decane	4.298	43	68092	10.26	ppm	99
14) 1,3-Dichlorobenzene	4.362	146	67417	9.56	ppm	97
15) 1,4-Dichlorobenzene	4.405	146	68810	9.70	ppm	98
16) Benzyl alcohol	4.469	108	39415	8.68	ppm	99
17) 1,2-Dichlorobenzene	4.496	146	65268	9.58	ppm	96
18) Acetophenone	4.629	105	85375	9.34	ppm	89
19) 2-Methylphenol	4.533	108	52999	8.98	ppm	99
20) 2,2'-oxybis(1-Chloropr...	4.549	121	18858	9.23	ppm #	53
21) 3&4-Methylphenol	4.619	108	111253	18.37	ppm	97
22) n-Nitroso-di-n-propyla...	4.624	70	40870	9.15	ppm	95
23) Hexachloroethane	4.699	201	22636	9.52	ppm	94
26) Nitrobenzene	4.731	77	62631	9.42	ppm	98
27) Quinoline	5.346	129	113227	9.46	ppm	98
28) Isophorone	4.865	82	111815	9.50	ppm	93
29) 2-Nitrophenol	4.913	139	28787	8.61	ppm	91
30) 2,4-Dimethylphenol	4.929	107	59318	9.42	ppm	100

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9760.D
Acq On : 17 Dec 2024 06:08 pm
Operator : rocquans
Sample : ic420-10
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 20 09:22:09 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31)	Benzoic acid	4.961	105	42779	8.38	ppm		98
32)	bis(2-Chloroethoxy)met...	4.988	93	72022	9.50	ppm		99
33)	2,4-Dichlorophenol	5.052	162	48420	9.35	ppm		95
34)	2,6-Dichlorophenol	5.180	162	47258	9.28	ppm		95
35)	1,3,5-Trichlorobenzene	4.924	180	55106	9.68	ppm		99
36)	1,2,4-Trichlorobenzene	5.105	180	51957	9.69	ppm		98
37)	1,2,3-Trichlorobenzene	5.234	180	50751	9.62	ppm		97
38)	Naphthalene	5.154	128	177104	9.98	ppm		99
39)	4-Chloroaniline	5.175	127	73078	9.47	ppm		98
40)	2,3-Dichloroaniline	5.731	161	54783	9.37	ppm		97
41)	Hydroquinone	5.341	110	40789	9.83	ppm		95
42)	Hexachlorobutadiene	5.223	225	28234	9.71	ppm		99
43)	4-Chloro-3-methylphenol	5.448	107	50121	9.36	ppm		100
44)	2-Methylnaphthalene	5.560	141	102262	9.48	ppm		99
45)	1-Methylnaphthalene	5.624	141	98583	9.68	ppm		98
47)	Hexachlorocyclopentadiene	5.662	237	56871	19.85	ppm		95
48)	1,2,4,5-tetrachloroben...	5.667	216	49344	9.81	ppm		100
49)	2,4,6-Trichlorophenol	5.731	196	35369	10.27	ppm		99
50)	2,4,5-Trichlorophenol	5.753	196	33226	8.90	ppm		98
52)	2-Chloronaphthalene	5.870	162	106004	9.82	ppm		99
53)	Biphenyl	5.854	154	141913	10.27	ppm		99
54)	2-Nitroaniline	5.924	65	31138	9.05	ppm		99
55)	Dimethylphthalate	6.041	163	123221	9.75	ppm		99
56)	Acenaphthylene	6.148	152	154341	9.84	ppm		99
57)	2,6-Dinitrotoluene	6.084	165	24369	8.78	ppm		98
58)	3-Nitroaniline	6.197	138	29680	9.12	ppm		91
59)	Acenaphthene	6.271	153	110223	9.77	ppm		99
60)	2,4-Dinitrophenol	6.271	184	18189	11.84	ppm	#	16
61)	4-Nitrophenol	6.293	109	16136	8.94	ppm		97
62)	Dibenzofuran	6.389	168	149566	9.91	ppm		98
63)	2,4-Dinitrotoluene	6.362	165	33797	8.86	ppm		88
64)	2,3,4,6-Tetrachlorophenol	6.475	232	27394	9.47	ppm		90
65)	Diethylphthalate	6.539	149	126112	9.62	ppm		100
66)	Fluorene	6.646	166	120231	10.00	ppm		100
67)	4-Chlorophenyl-phenyle...	6.641	204	54274	9.90	ppm		99
68)	4-Nitroaniline	6.641	138	31180	9.17	ppm		97
70)	4,6-Dinitro-2-methylph...	6.667	198	13807	6.90	ppm		93
71)	n-Nitrosodiphenylamine	6.726	169	100470	9.59	ppm		98
72)	1,2-Diphenylhydrazine	6.764	77	122320	9.66	ppm		99
73)	pentachloronitrobenzene	7.250	295	5043	9.10	ppm		99
75)	4-Bromophenyl-phenylether	7.026	248	29151	9.60	ppm		95
76)	Hexachlorobenzene	7.079	284	30464	9.52	ppm		94
77)	Pentachlorophenol	7.234	266	42340	17.98	ppm		98
78)	Phenanthrene	7.427	178	169444	9.74	ppm		99
79)	Anthracene	7.470	178	170260	9.70	ppm		100
80)	Carbazole	7.598	167	164793	9.67	ppm		98
81)	Di-n-butylphthalate	7.919	149	209066	9.26	ppm		100
82)	Fluoranthene	8.491	202	176206	9.38	ppm		99
83)	Octadecane	7.309	57	96317	9.29	ppm		96
85)	benzidine	8.614	184	114010	10.85	ppm		99
86)	Pyrene	8.705	202	182507	9.77	ppm		99
88)	Butylbenzylphthalate	9.336	149	85556	8.66	ppm		97
89)	Benzo[a]anthracene	9.855	228	166678	9.65	ppm		97
90)	3,3'-Dichlorobenzidine	9.828	252	60159	8.95	ppm		97
91)	Chrysene	9.887	228	156056	9.64	ppm		99
92)	bis(2-Ethylhexyl)phtha...	9.909	149	130043	8.89	ppm		100
94)	Di-n-octylphthalate	10.513	149	222019	8.66	ppm		97

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9760.D
Acq On : 17 Dec 2024 06:08 pm
Operator : rocquans
Sample : ic420-10
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 20 09:22:09 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

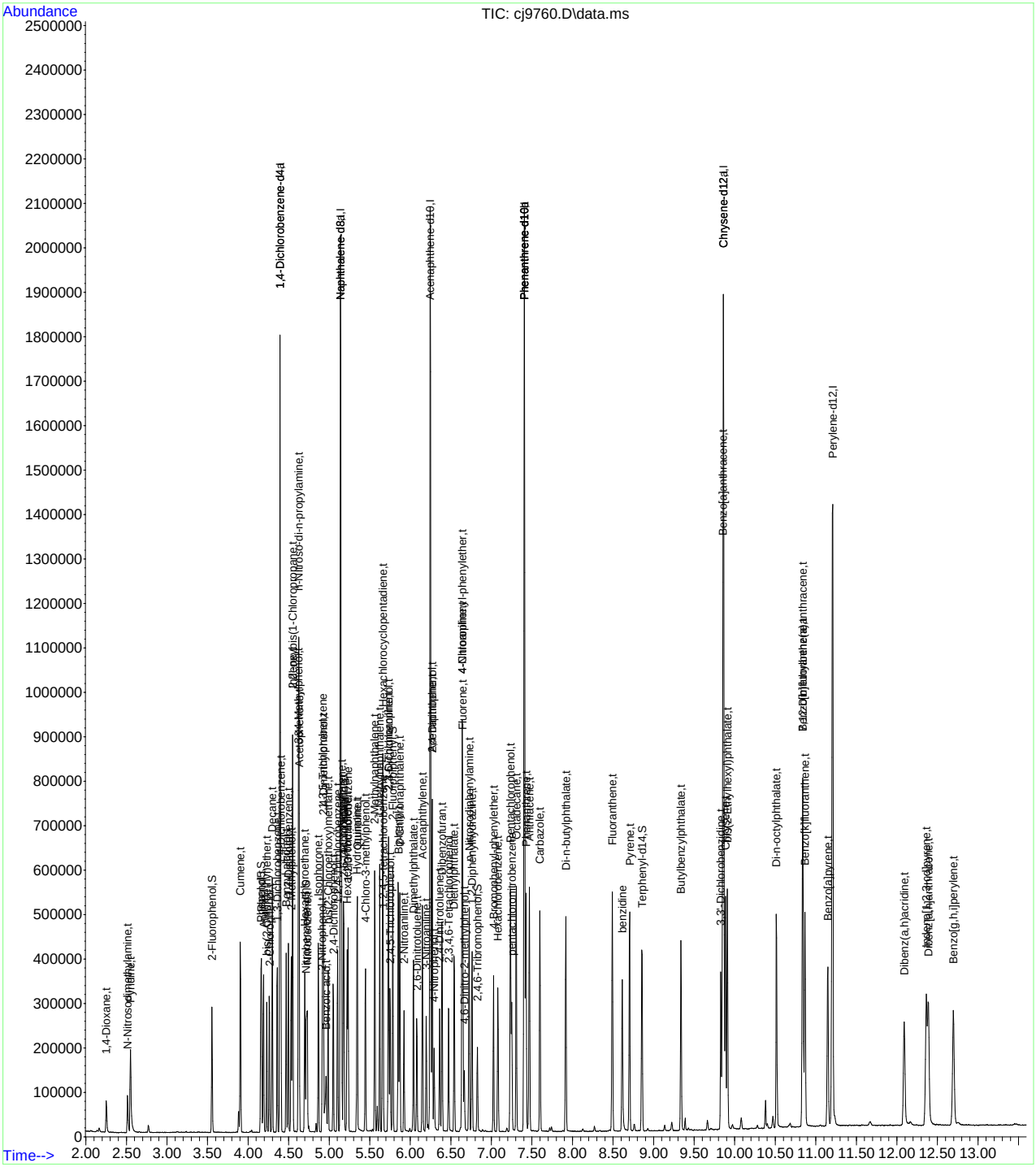
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Benzo[b]fluoranthene	10.839	252	165991	9.74	ppm	97
96) Benzo[k]fluoranthene	10.866	252	150693	9.61	ppm	99
97) Benzo[a]pyrene	11.150	252	136436	9.43	ppm	97
98) Indeno[1,2,3-cd]pyrene	12.364	276	168606	9.12	ppm	96
99) Dibenz(a,h)acridine	12.091	279	111924	8.89	ppm	99
100) Dibenz[a,h]anthracene	12.390	278	136288	9.31	ppm	97
101) 7,12-Dimethylbenz(a)an...	10.839	256	56974	9.85	ppm	98
102) Benzo[g,h,i]perylene	12.695	276	129813	9.27	ppm	99

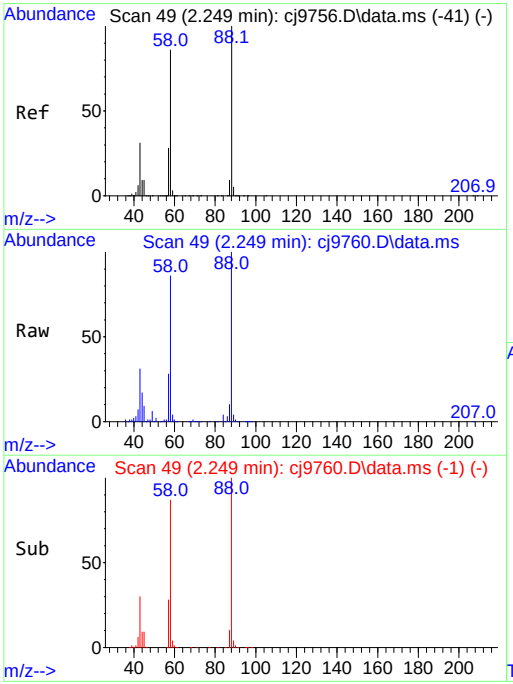
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9760.D
Acq On : 17 Dec 2024 06:08 pm
Operator : rocquans
Sample : ic420-10
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 20 09:22:09 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

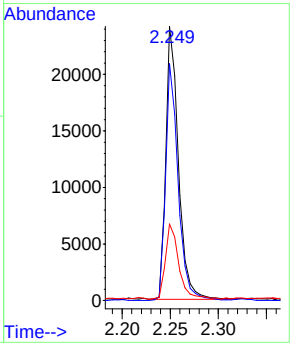


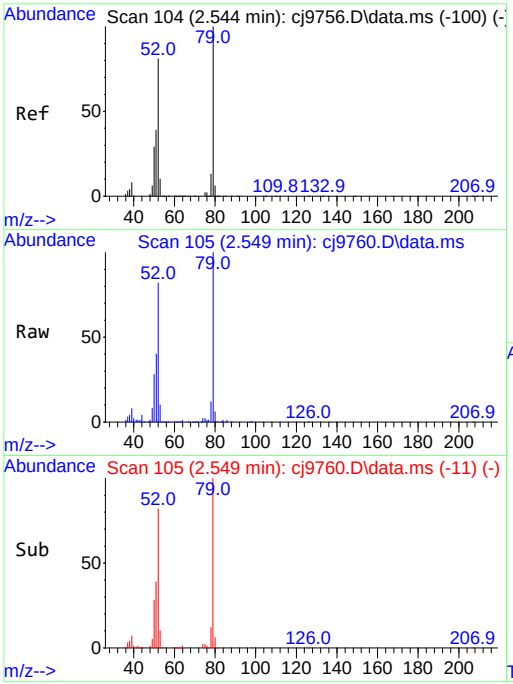


#2
1,4-Dioxane
Concen: 10.16 ppm
RT: 2.249 min Scan# 49
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 88 Resp: 21900

Ion	Ratio	Lower	Upper
88	100		
58	86.6	56.0	116.0
57	27.4	0.0	57.8

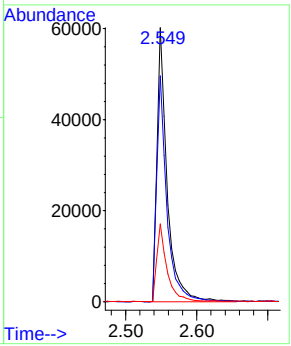


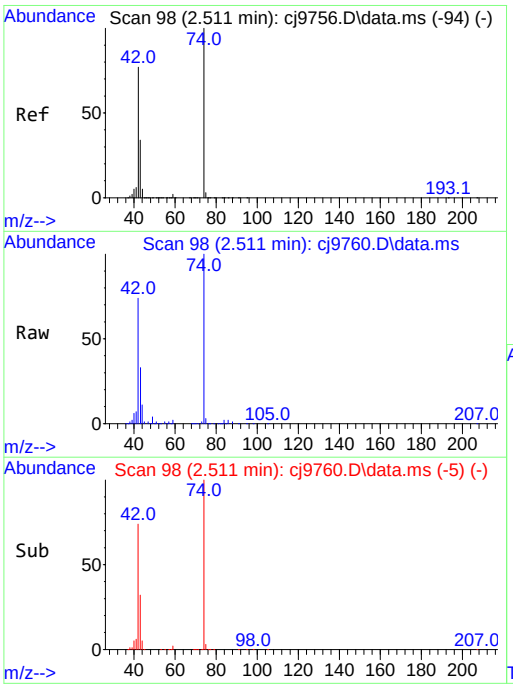


#3
Pyridine
Concen: 9.70 ppm
RT: 2.549 min Scan# 105
Delta R.T. 0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 79 Resp: 59782

Ion	Ratio	Lower	Upper
79	100		
52	82.4	51.1	111.1
50	28.3	0.0	59.1

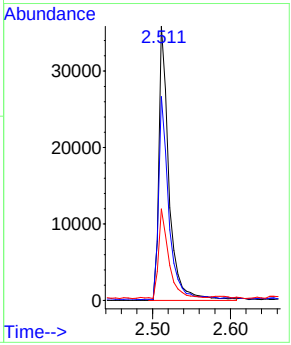


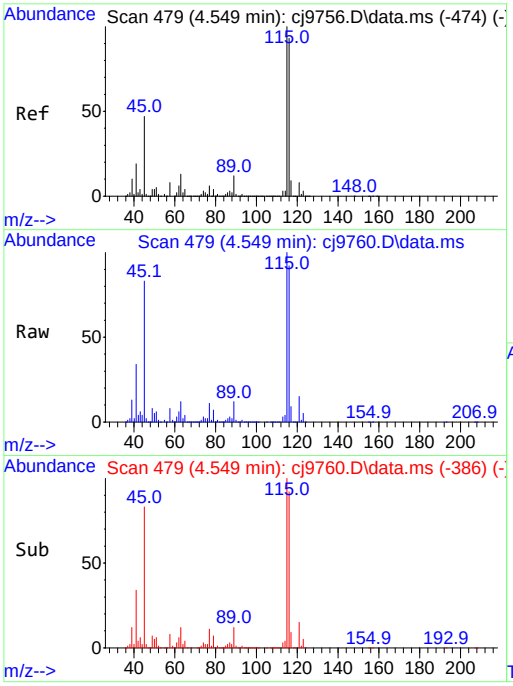


#4
N-Nitrosodimethylamine
Concen: 8.88 ppm
RT: 2.511 min Scan# 98
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 74 Resp: 32619

Ion	Ratio	Lower	Upper
74	100		
42	73.8	47.1	107.1
43	32.3	3.8	63.8

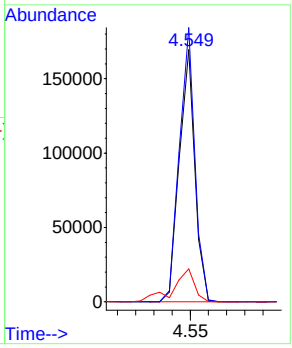


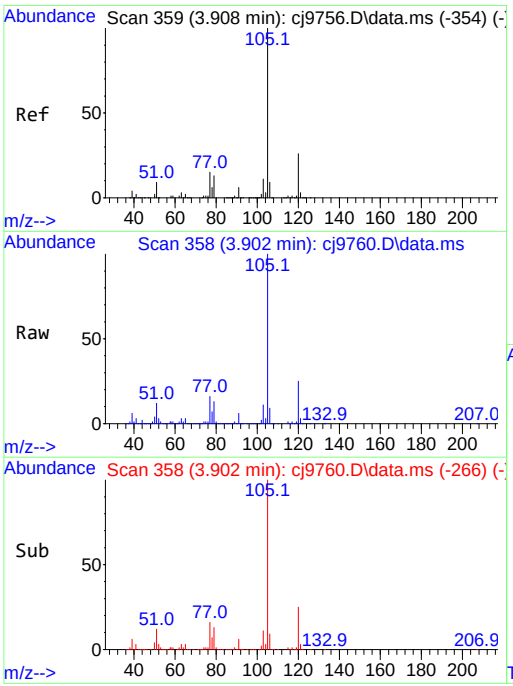


#6
Indene
Concen: 9.43 ppm
RT: 4.549 min Scan# 479
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:116 Resp: 100782

Ion	Ratio	Lower	Upper
116	100		
115	108.8	77.6	137.6
63	11.8	0.0	44.5

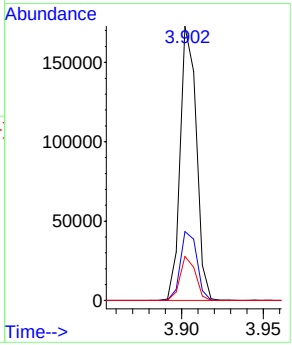


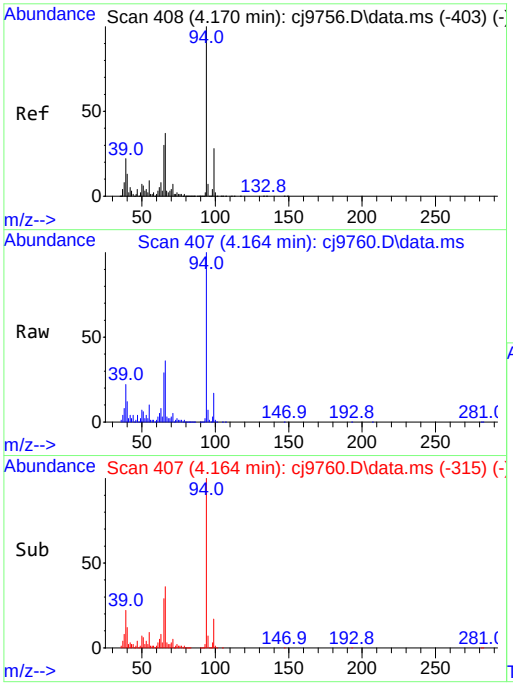


#7
Cumene
Concen: 9.75 ppm
RT: 3.902 min Scan# 358
Delta R.T. -0.006 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:105 Resp: 119452

Ion	Ratio	Lower	Upper
105	100		
120	25.2	0.0	56.3
77	16.1	0.0	44.5

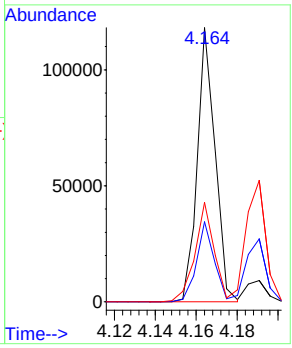


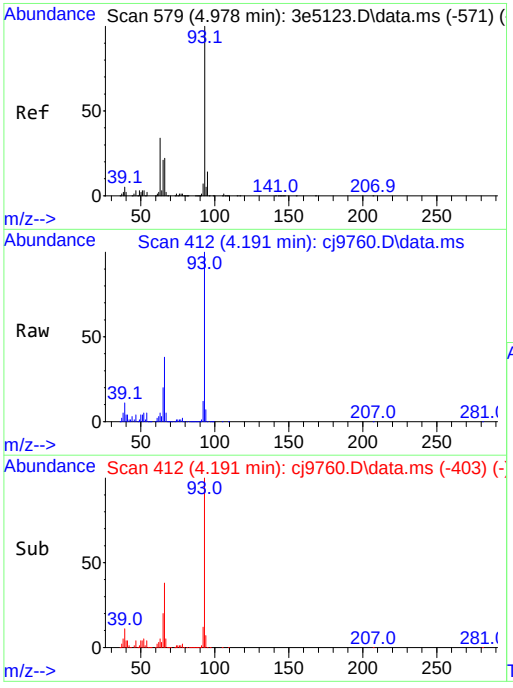


#9
Phenol
Concen: 8.85 ppm
RT: 4.164 min Scan# 407
Delta R.T. -0.006 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 94 Resp: 71516

Ion	Ratio	Lower	Upper
94	100		
65	28.2	0.0	55.8
66	34.2	0.0	59.9

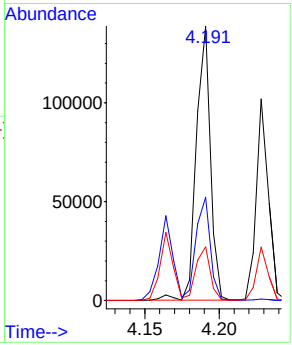


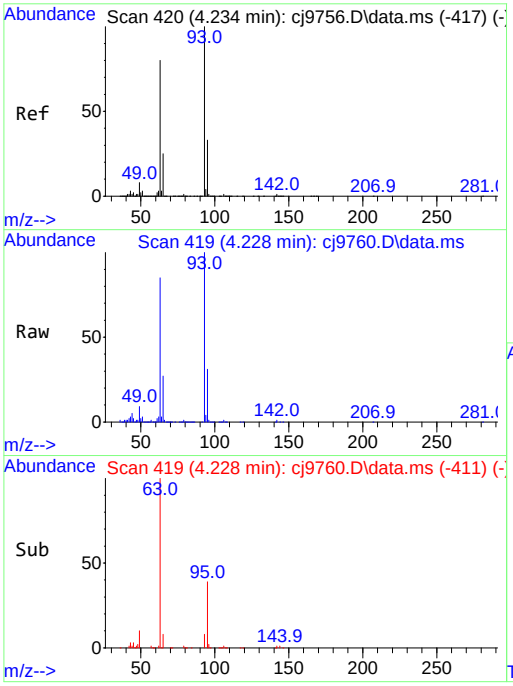


#10
Aniline
Concen: 9.21 ppm
RT: 4.191 min Scan# 412
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 93 Resp: 91597

Ion	Ratio	Lower	Upper
93	100		
66	36.1	8.9	68.9
65	19.1	0.0	50.8

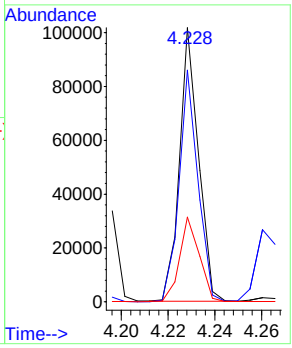


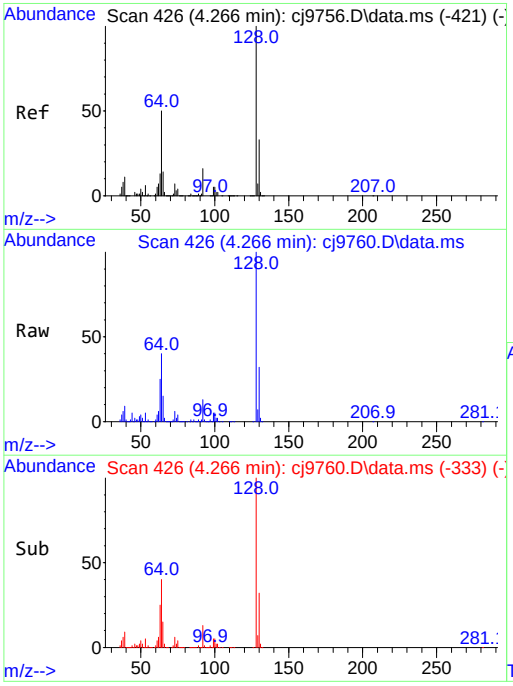


#11
bis(2-Chloroethyl)ether
Concen: 8.95 ppm
RT: 4.228 min Scan# 419
Delta R.T. -0.006 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 93 Resp: 57238

Ion	Ratio	Lower	Upper
93	100		
63	84.6	50.4	110.4
95	30.9	2.9	62.9

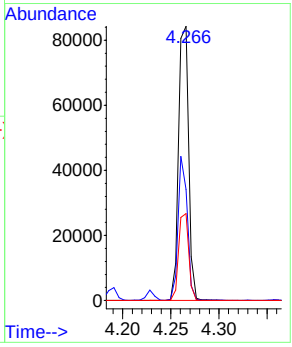


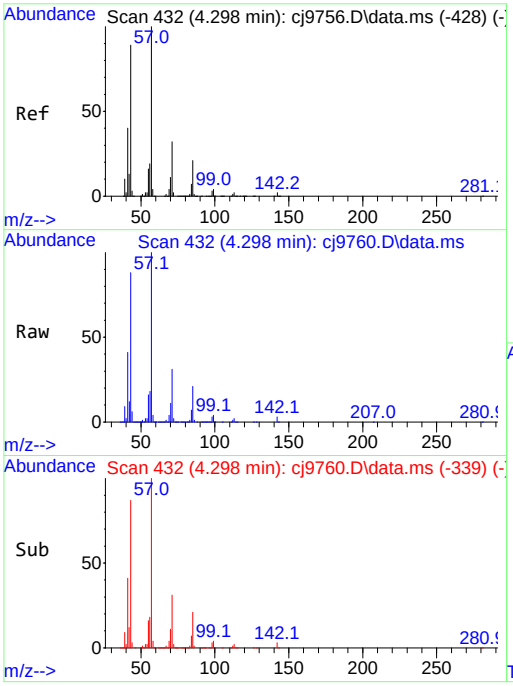


#12
2-Chlorophenol
Concen: 9.21 ppm
RT: 4.266 min Scan# 426
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:128 Resp: 61398

Ion	Ratio	Lower	Upper
128	100		
64	38.6	19.8	79.8
130	31.7	2.6	62.6

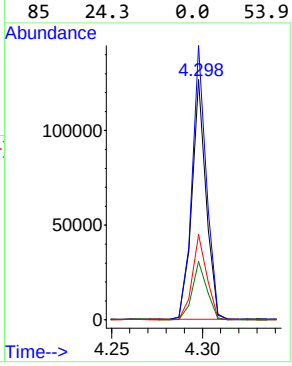


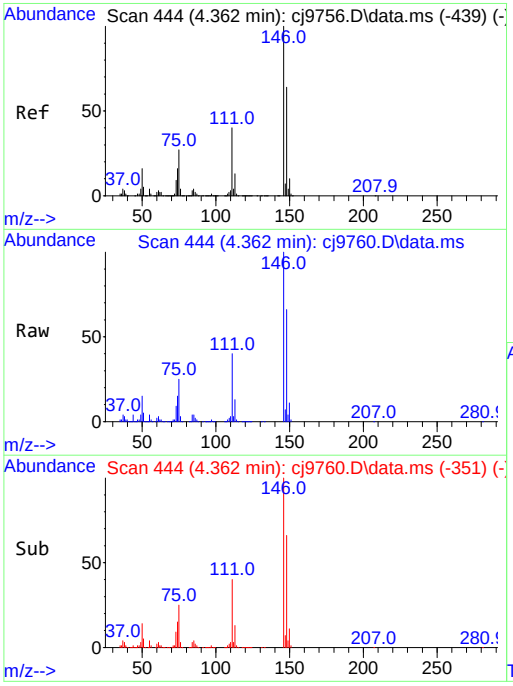


#13
Decane
Concen: 10.26 ppm
RT: 4.298 min Scan# 432
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 43 Resp: 68092

Ion	Ratio	Lower	Upper
43	100		
57	114.4	82.4	142.4
71	35.6	5.6	65.6
85	24.3	0.0	53.9

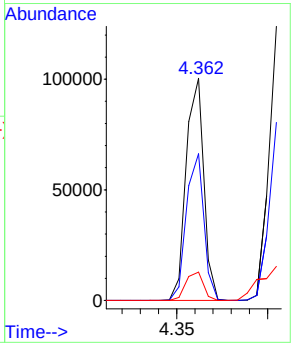


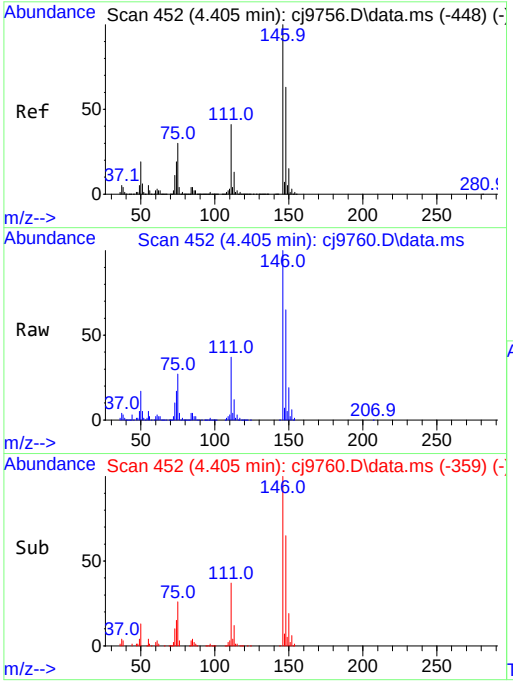


#14
1,3-Dichlorobenzene
Concen: 9.56 ppm
RT: 4.362 min Scan# 444
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:146 Resp: 67417

Ion	Ratio	Lower	Upper
146	100		
148	66.0	33.8	93.8
113	12.6	0.0	43.0

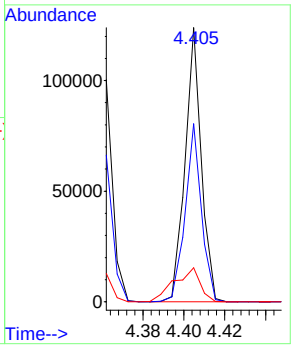


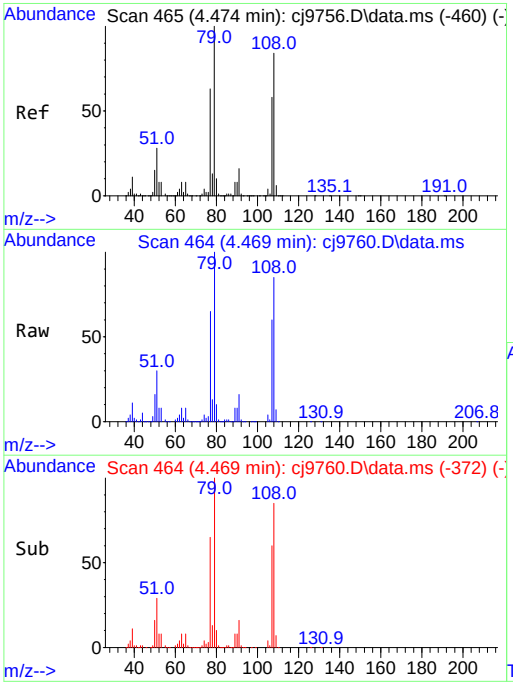


#15
1,4-Dichlorobenzene
Concen: 9.70 ppm
RT: 4.405 min Scan# 452
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:146 Resp: 68810

Ion	Ratio	Lower	Upper
146	100		
148	64.9	33.3	93.3
113	12.3	0.0	43.2

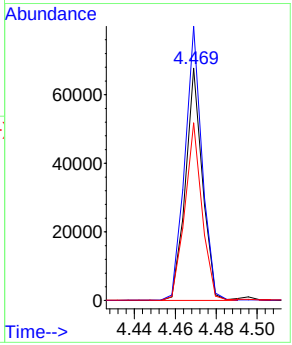


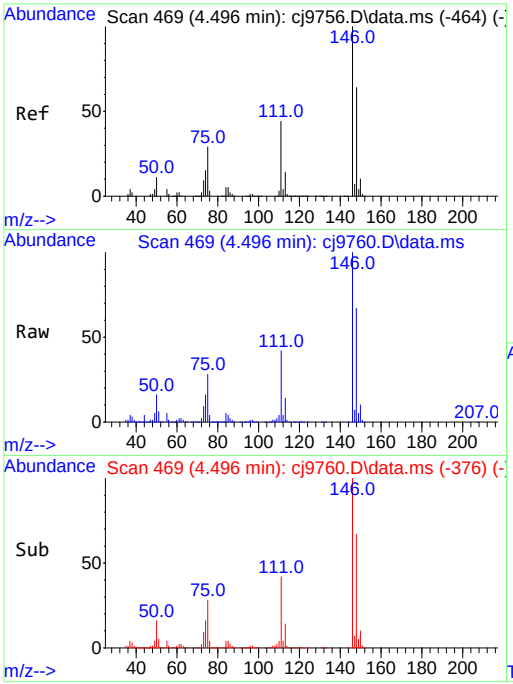


#16
Benzyl alcohol
Concen: 8.68 ppm
RT: 4.469 min Scan# 464
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:108 Resp: 39415

Ion	Ratio	Lower	Upper
108	100		
79	118.5	88.4	148.4
77	76.5	45.1	105.1

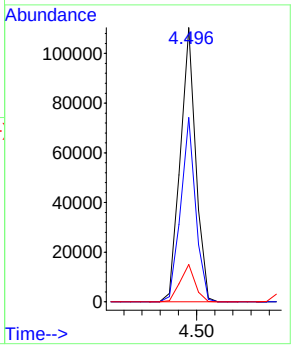


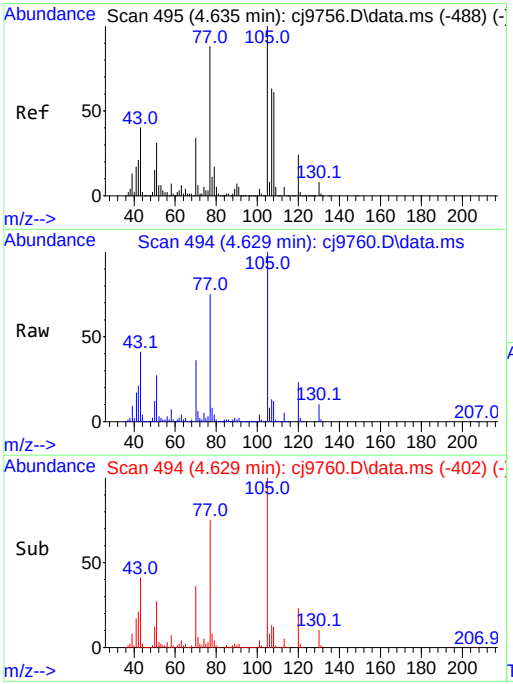


#17
1,2-Dichlorobenzene
Concen: 9.58 ppm
RT: 4.496 min Scan# 469
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:146 Resp: 65268

Ion	Ratio	Lower	Upper
146	100		
148	67.2	34.0	94.0
113	13.6	0.0	43.9

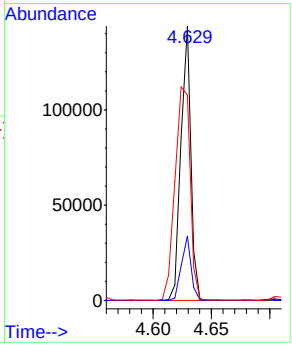


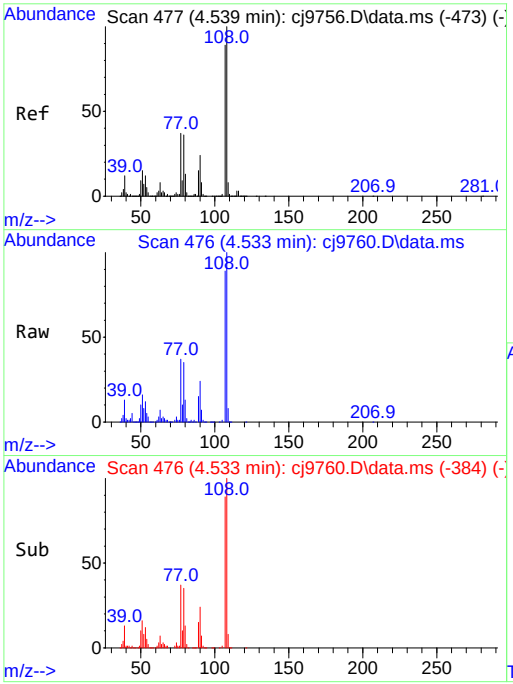


#18
Acetophenone
Concen: 9.34 ppm
RT: 4.629 min Scan# 494
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:105 Resp: 85375

Ion	Ratio	Lower	Upper
105	100		
120	23.4	0.0	54.0
77	74.9	57.6	117.6

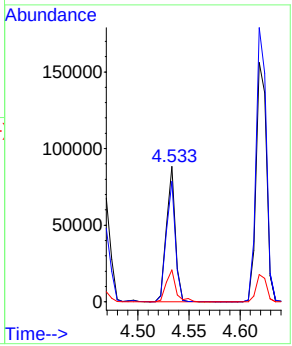


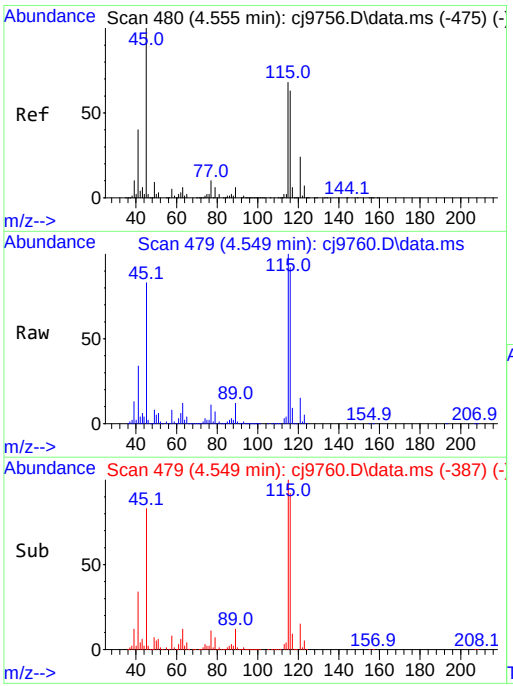


#19
2-Methylphenol
Concen: 8.98 ppm
RT: 4.533 min Scan# 476
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:108 Resp: 52999

Ion	Ratio	Lower	Upper
108	100		
107	89.0	59.5	119.5
90	23.7	0.0	53.5

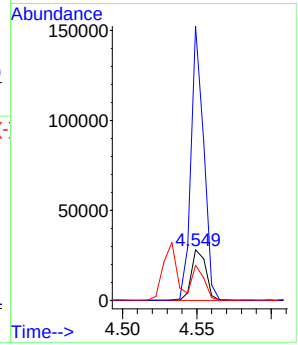


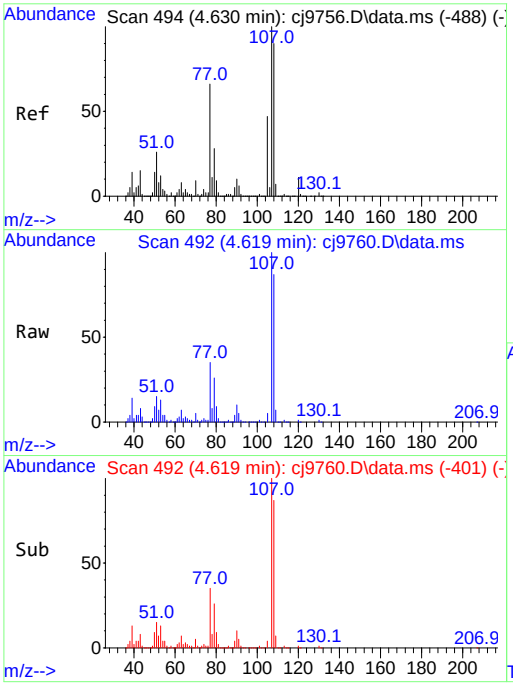


#20
2,2'-oxybis(1-Chloropropane
Concen: 9.23 ppm
RT: 4.549 min Scan# 479
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:121 Resp: 18858

Ion	Ratio	Lower	Upper
121	100		
45	540.6	389.8	449.8#
77	65.0	18.9	78.9

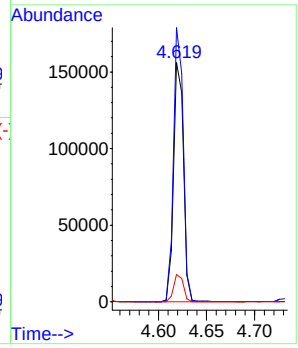


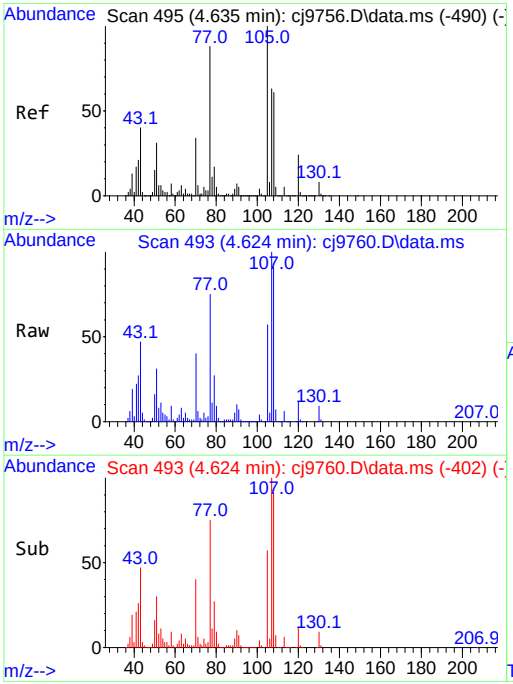


#21
3&4-Methylphenol
Concen: 18.37 ppm
RT: 4.619 min Scan# 492
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:108 Resp: 111253

Ion	Ratio	Lower	Upper
108	100		
107	114.6	81.2	141.2
90	11.4	0.0	41.3

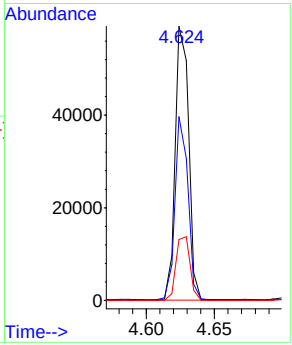


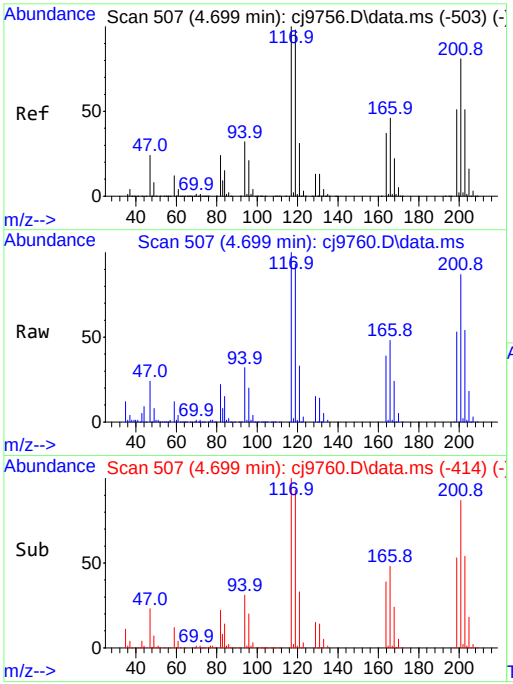


#22
n-Nitroso-di-n-propylamine
Concen: 9.15 ppm
RT: 4.624 min Scan# 493
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 70 Resp: 40870

Ion	Ratio	Lower	Upper
70	100		
42	66.8	31.2	91.2
130	22.3	0.0	52.5

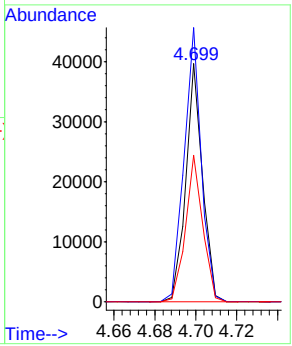


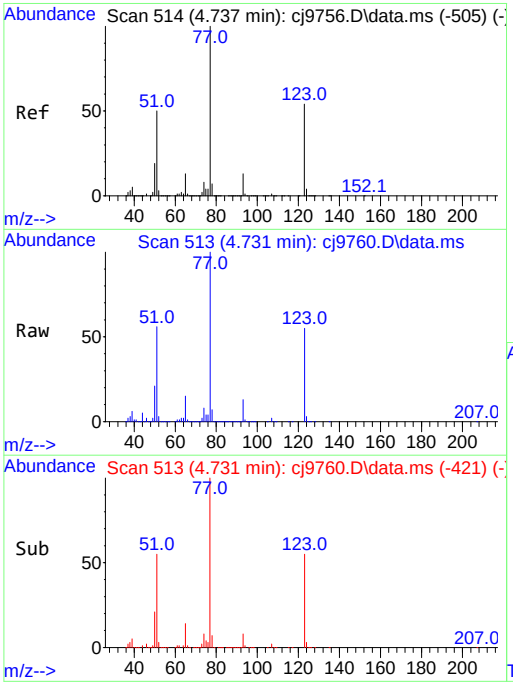


#23
Hexachloroethane
Concen: 9.52 ppm
RT: 4.699 min Scan# 507
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:201 Resp: 22636

Ion	Ratio	Lower	Upper
201	100		
117	115.1	94.0	154.0
199	61.5	33.7	93.7

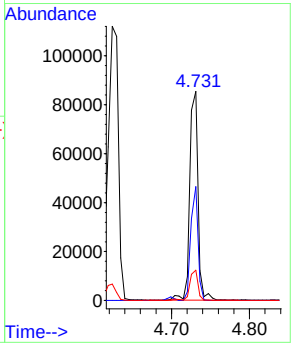


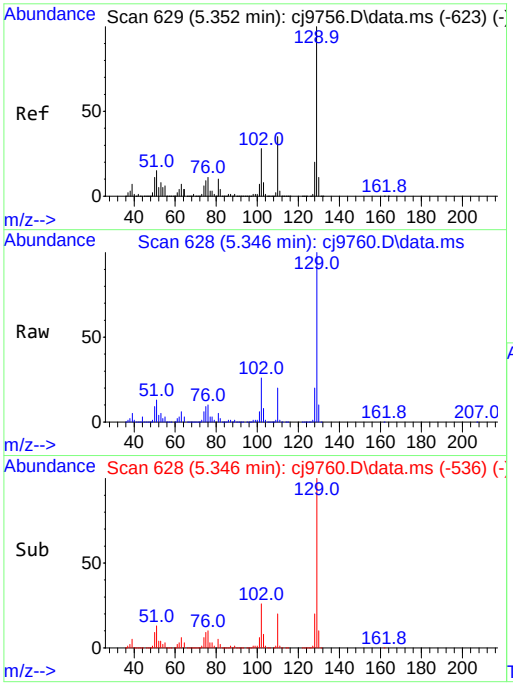


#26
Nitrobenzene
Concen: 9.42 ppm
RT: 4.731 min Scan# 513
Delta R.T. -0.006 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 77 Resp: 62631

Ion	Ratio	Lower	Upper
77	100		
123	54.6	23.6	83.6
65	14.5	0.0	43.4

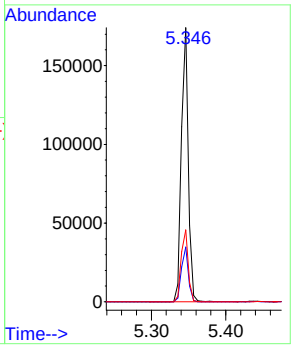


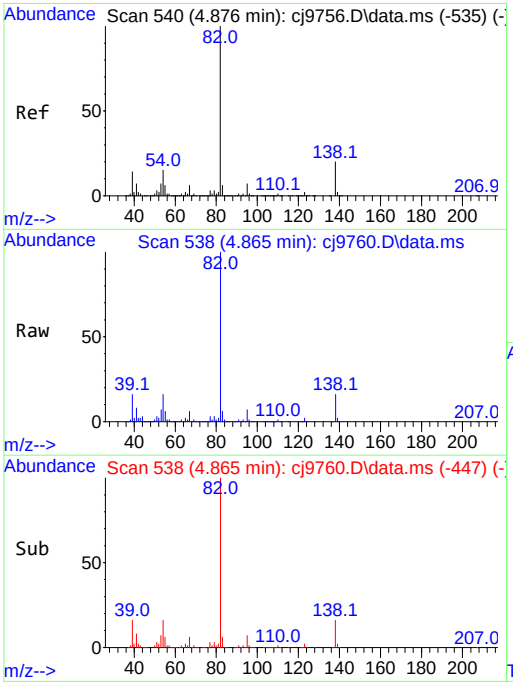


#27
Quinoline
Concen: 9.46 ppm
RT: 5.346 min Scan# 628
Delta R.T. -0.006 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:129 Resp: 113227

Ion	Ratio	Lower	Upper
129	100		
128	19.9	0.0	49.9
102	26.2	0.0	58.1

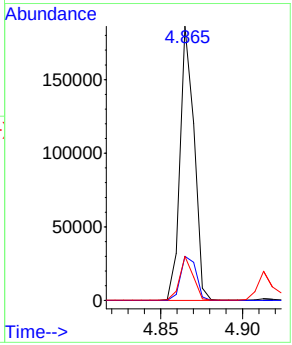


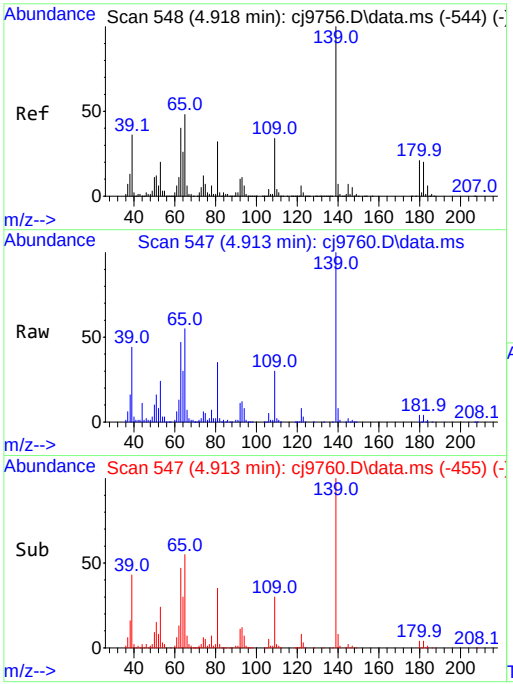


#28
Isophorone
Concen: 9.50 ppm
RT: 4.865 min Scan# 538
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 82 Resp: 111815

Ion	Ratio	Lower	Upper
82	100		
138	16.1	0.0	50.3
39	16.0	0.0	44.0

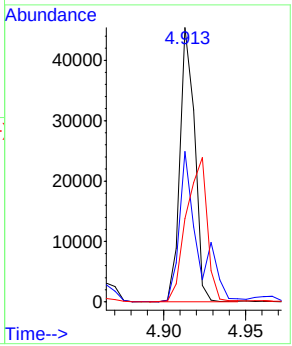


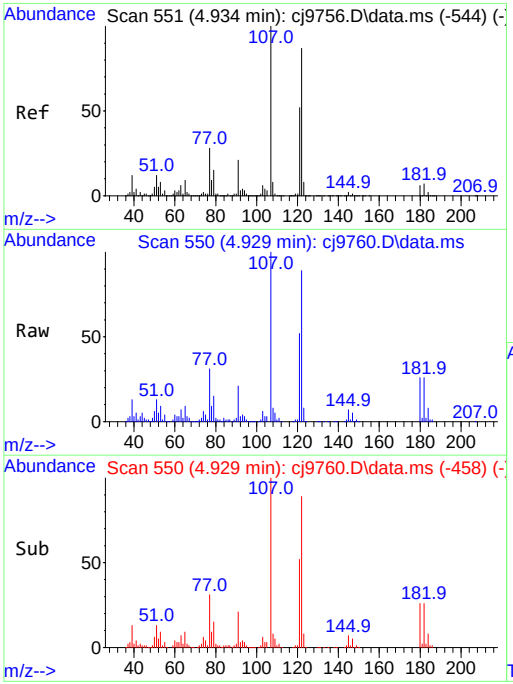


#29
2-Nitrophenol
Concen: 8.61 ppm
RT: 4.913 min Scan# 547
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:139 Resp: 28787

Ion	Ratio	Lower	Upper
139	100		
65	54.3	17.5	77.5
109	30.2	3.8	63.8

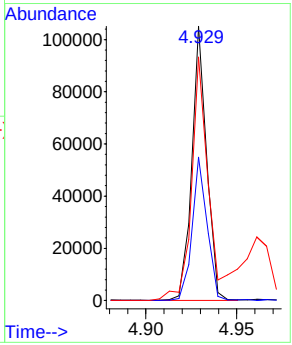


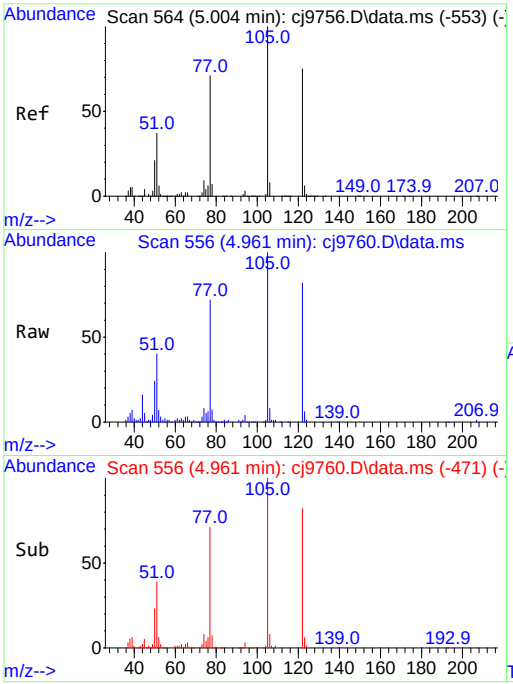


#30
2,4-Dimethylphenol
Concen: 9.42 ppm
RT: 4.929 min Scan# 550
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:107 Resp: 59318

Ion	Ratio	Lower	Upper
107	100		
121	52.1	21.7	81.7
122	83.1	53.4	113.4

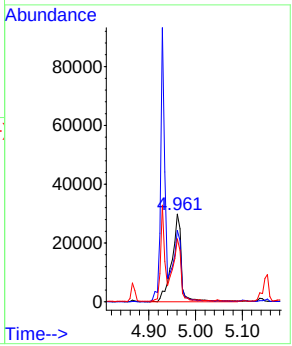


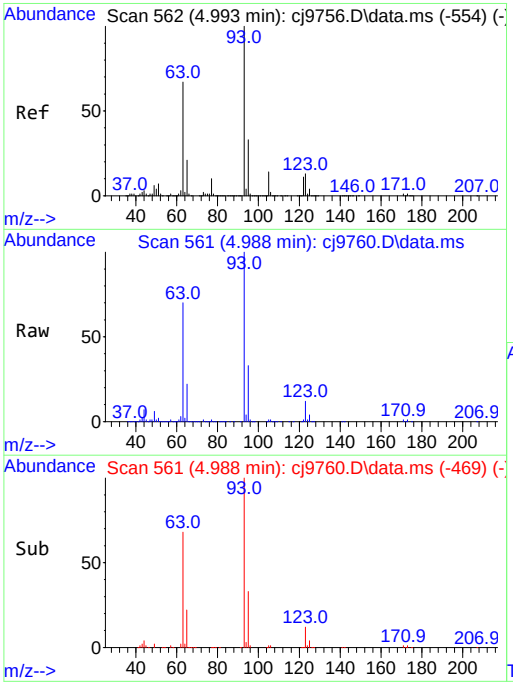


#31
Benzoic acid
Concen: 8.38 ppm
RT: 4.961 min Scan# 556
Delta R.T. -0.043 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:105 Resp: 42779

Ion	Ratio	Lower	Upper
105	100		
122	81.5	48.8	108.8
77	71.4	42.1	102.1

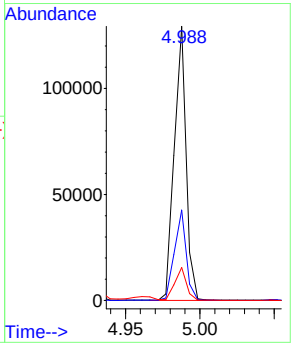


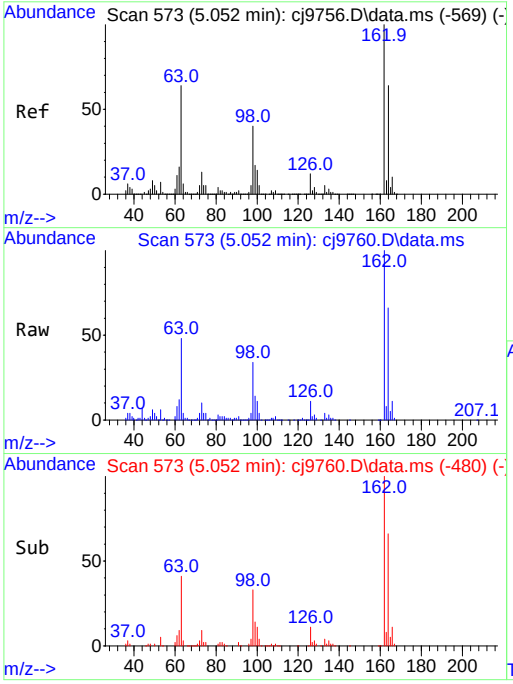


#32
bis(2-Chloroethoxy)methane
Concen: 9.50 ppm
RT: 4.988 min Scan# 561
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 93 Resp: 72022

Ion	Ratio	Lower	Upper
93	100		
95	32.9	3.0	63.0
123	11.4	0.0	43.0

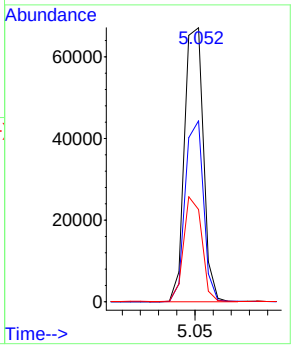


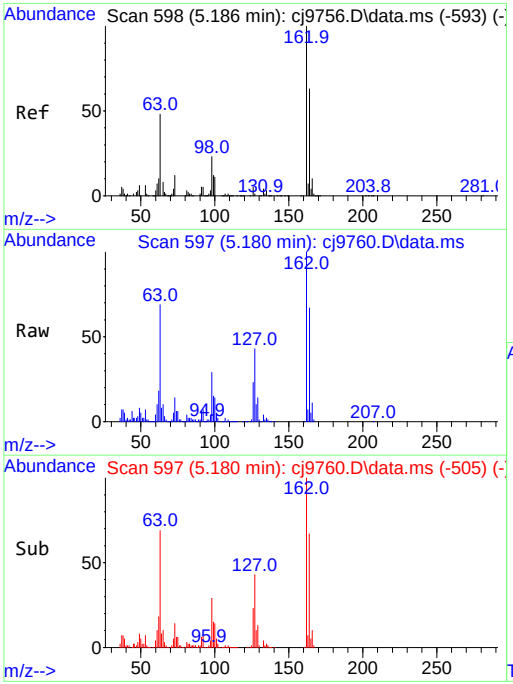


#33
2,4-Dichlorophenol
Concen: 9.35 ppm
RT: 5.052 min Scan# 573
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:162 Resp: 48420

Ion	Ratio	Lower	Upper
162	100		
164	66.0	34.2	94.2
98	33.5	9.7	69.7

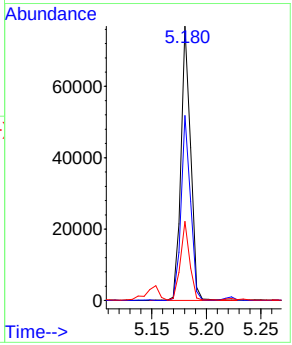


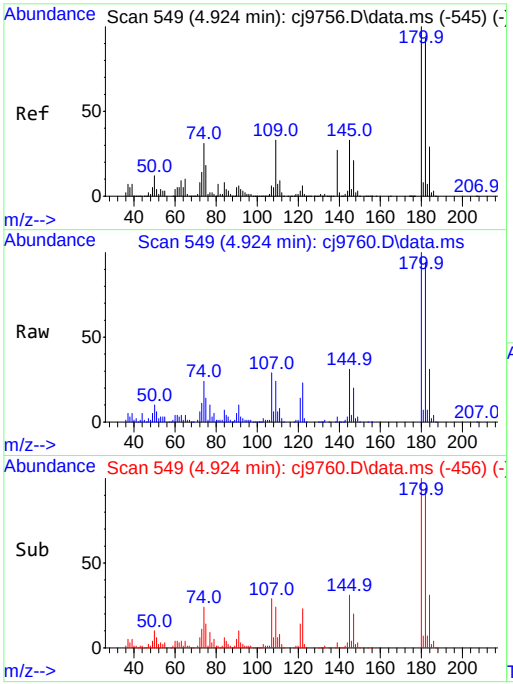


#34
2,6-Dichlorophenol
Concen: 9.28 ppm
RT: 5.180 min Scan# 597
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:162 Resp: 47258

Ion	Ratio	Lower	Upper
162	100		
164	67.3	33.4	93.4
98	26.7	0.0	54.6

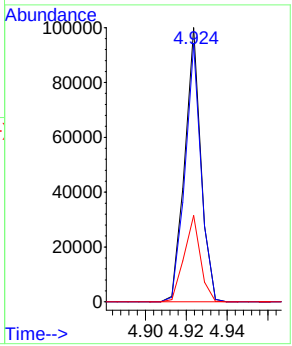


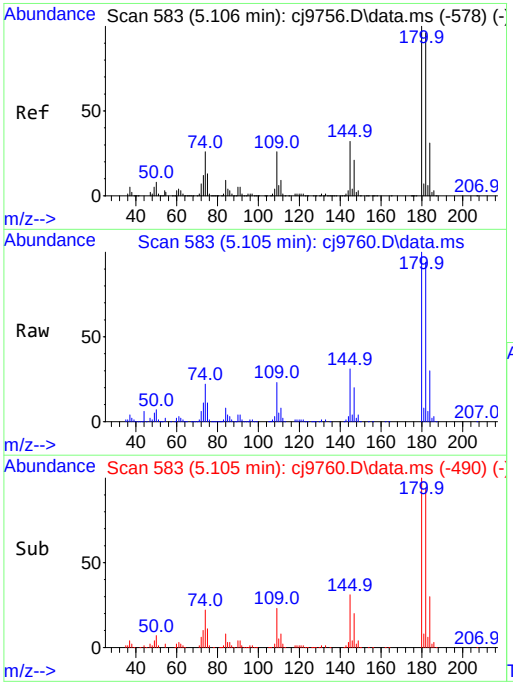


#35
1,3,5-Trichlorobenzene
Concen: 9.68 ppm
RT: 4.924 min Scan# 549
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:180 Resp: 55106

Ion	Ratio	Lower	Upper
180	100		
182	93.9	63.0	123.0
145	31.5	3.0	63.0

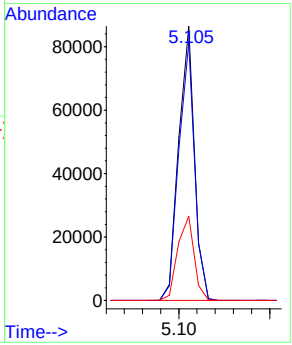


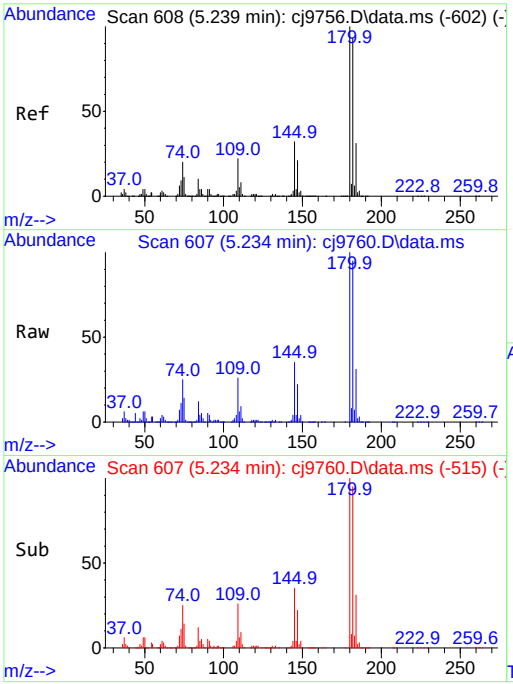


#36
1,2,4-Trichlorobenzene
Concen: 9.69 ppm
RT: 5.105 min Scan# 583
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:180 Resp: 51957

Ion	Ratio	Lower	Upper
180	100		
182	93.9	66.0	126.0
145	30.6	2.4	62.4

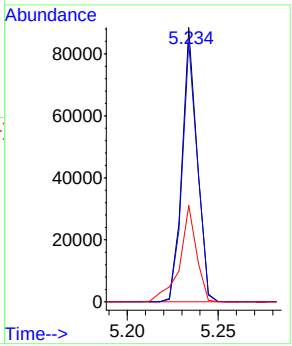


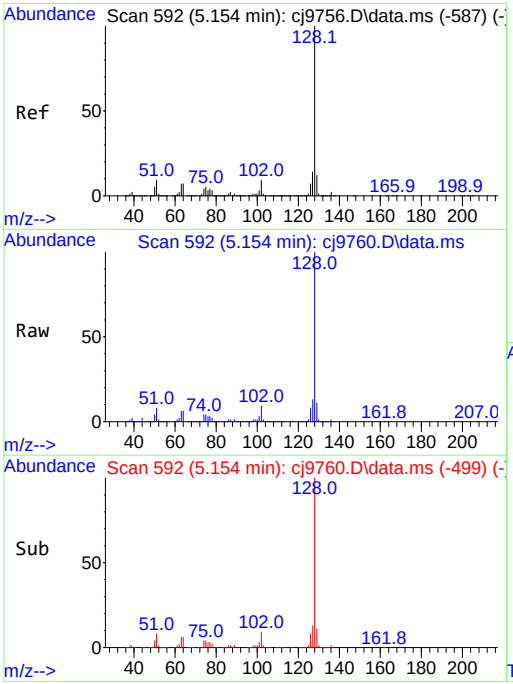


#37
1,2,3-Trichlorobenzene
Concen: 9.62 ppm
RT: 5.234 min Scan# 607
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:180 Resp: 50751

Ion	Ratio	Lower	Upper
180	100		
182	94.7	62.6	122.6
145	35.1	2.2	62.2

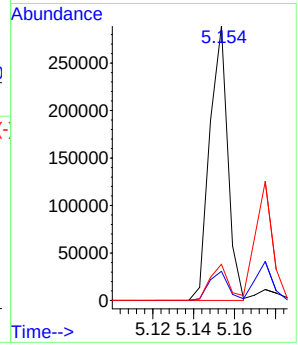


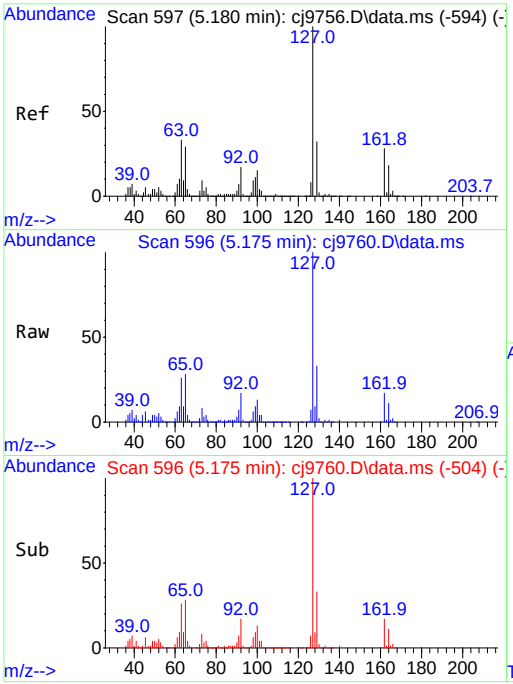


#38
Naphthalene
Concen: 9.98 ppm
RT: 5.154 min Scan# 592
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:128 Resp: 177104

Ion	Ratio	Lower	Upper
128	100		
129	10.4	0.0	41.0
127	12.3	0.0	42.0

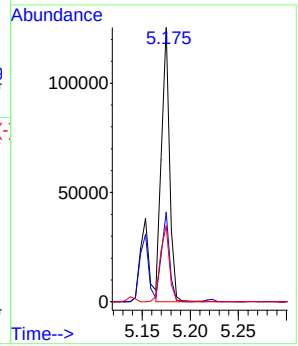


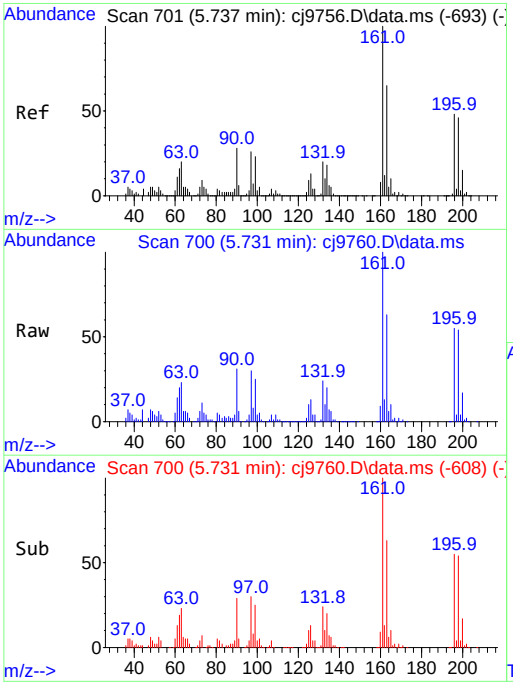


#39
4-Chloroaniline
Concen: 9.47 ppm
RT: 5.175 min Scan# 596
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:127 Resp: 73078

Ion	Ratio	Lower	Upper
127	100		
129	32.6	1.9	61.9
65	27.4	0.0	58.3

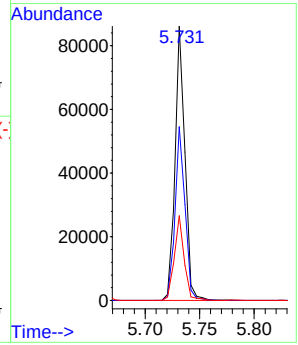


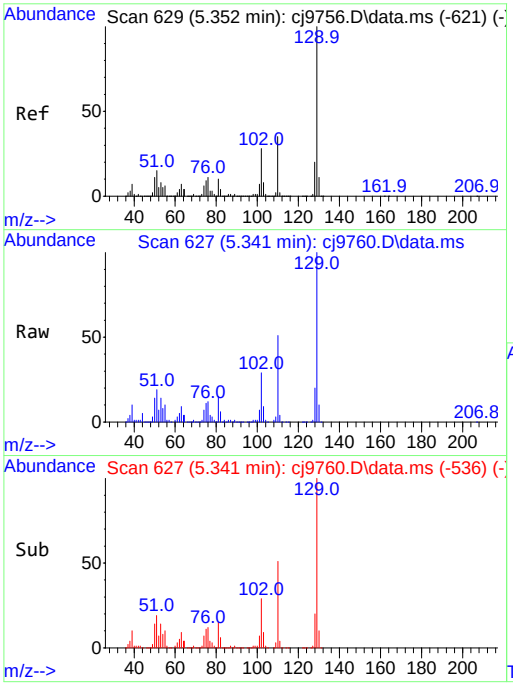


#40
2,3-Dichloroaniline
Concen: 9.37 ppm
RT: 5.731 min Scan# 700
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:161 Resp: 54783

Ion	Ratio	Lower	Upper
161	100		
163	63.4	34.9	94.9
90	30.9	0.0	57.9

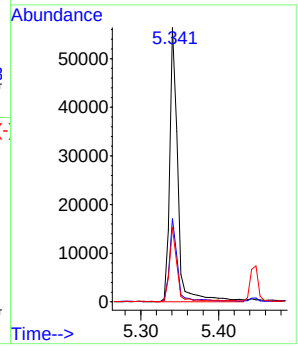


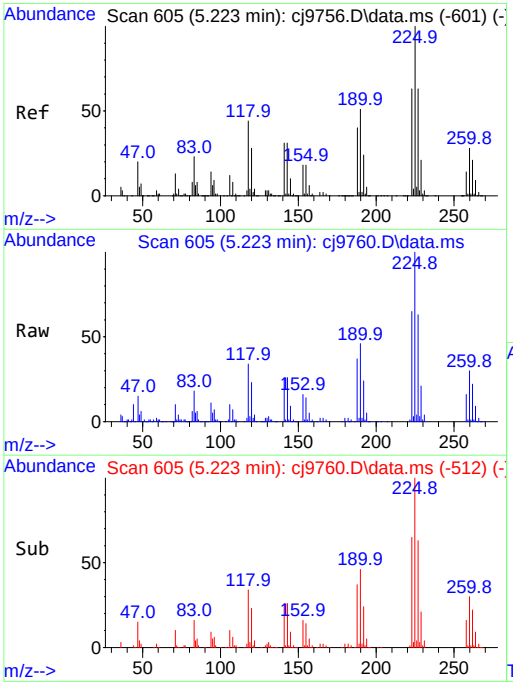


#41
Hydroquinone
Concen: 9.83 ppm
RT: 5.341 min Scan# 627
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:110 Resp: 40789

Ion	Ratio	Lower	Upper
110	100		
81	30.2	0.0	58.8
53	27.0	0.0	53.6

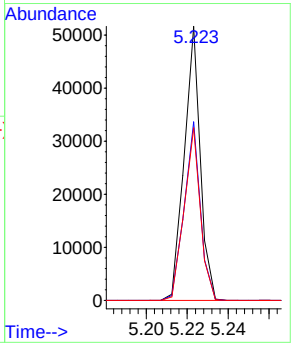


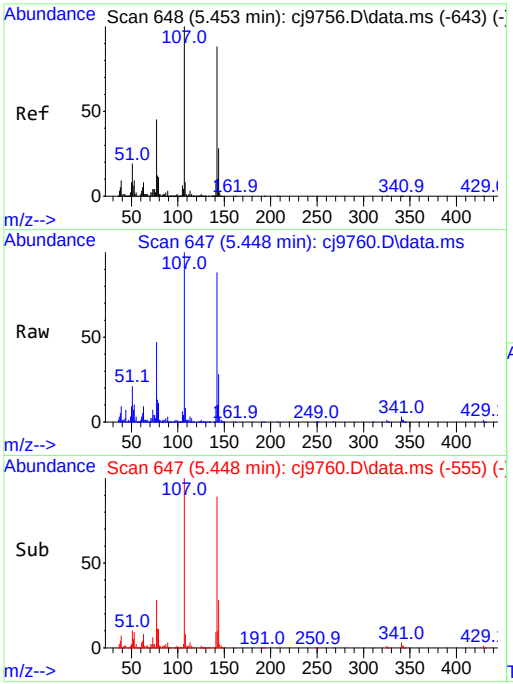


#42
Hexachlorobutadiene
Concen: 9.71 ppm
RT: 5.223 min Scan# 605
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:225 Resp: 28234

Ion	Ratio	Lower	Upper
225	100		
223	65.1	33.2	93.2
227	62.9	33.2	93.2

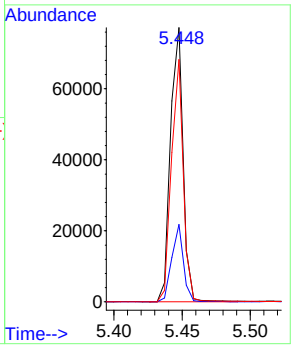


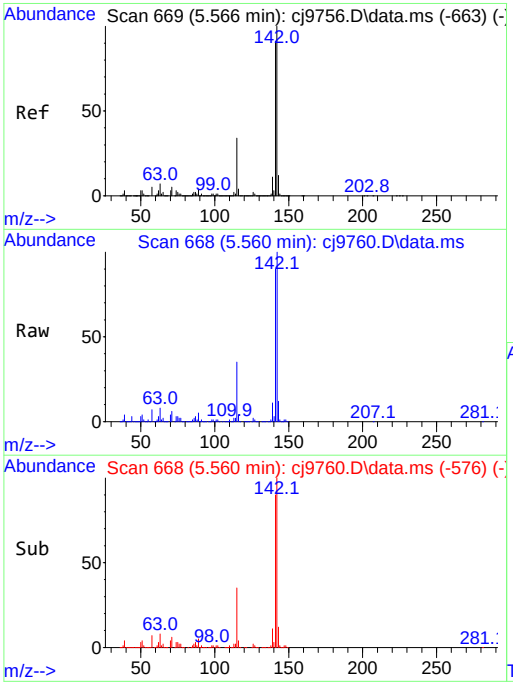


#43
4-Chloro-3-methylphenol
Concen: 9.36 ppm
RT: 5.448 min Scan# 647
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:107 Resp: 50121

Ion	Ratio	Lower	Upper
107	100		
144	28.2	0.0	58.3
142	88.3	58.1	118.1

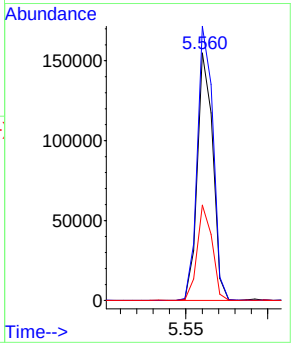


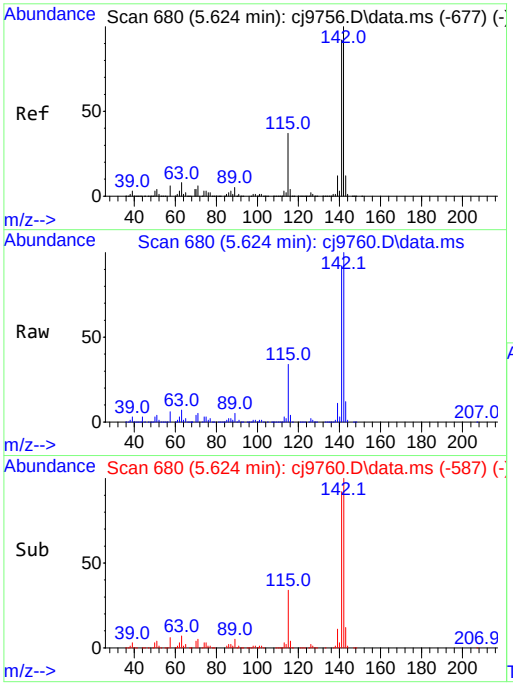


#44
2-Methylnaphthalene
Concen: 9.48 ppm
RT: 5.560 min Scan# 668
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:141 Resp: 102262

Ion	Ratio	Lower	Upper
141	100		
142	110.7	80.2	140.2
115	38.4	7.4	67.4

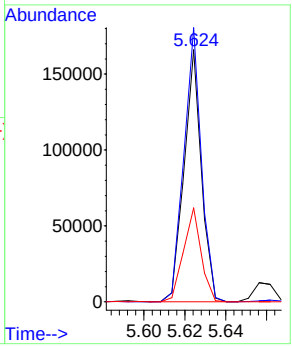


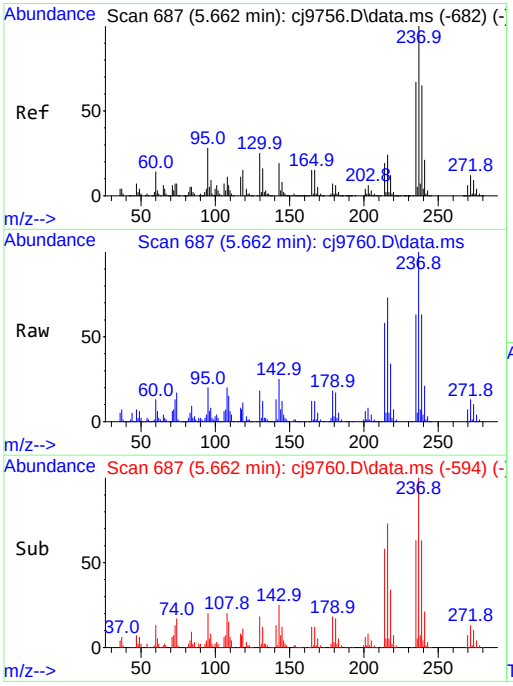


#45
1-Methylnaphthalene
Concen: 9.68 ppm
RT: 5.624 min Scan# 680
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:141 Resp: 98583

Ion	Ratio	Lower	Upper
141	100		
142	108.8	79.3	139.3
115	37.2	10.2	70.2

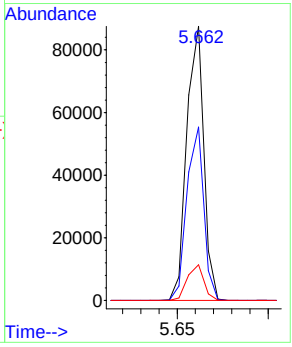


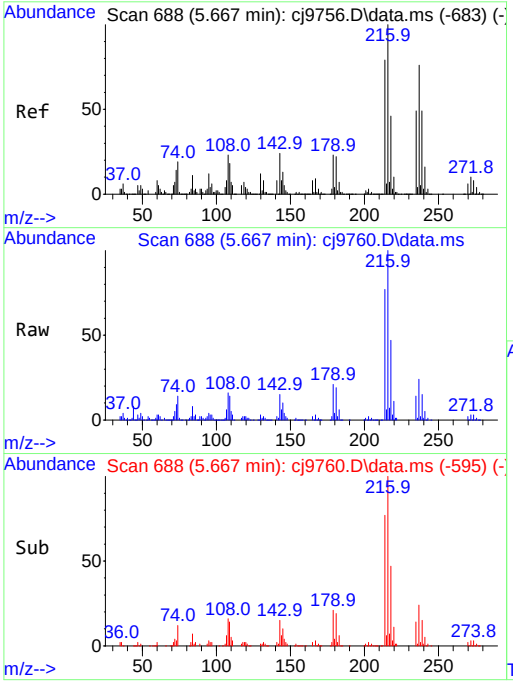


#47
Hexachlorocyclopentadiene
Concen: 19.85 ppm
RT: 5.662 min Scan# 687
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:237 Resp: 56871

Ion	Ratio	Lower	Upper
237	100		
235	63.3	37.2	97.2
272	13.0	0.0	41.7

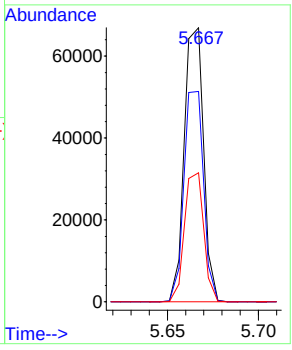


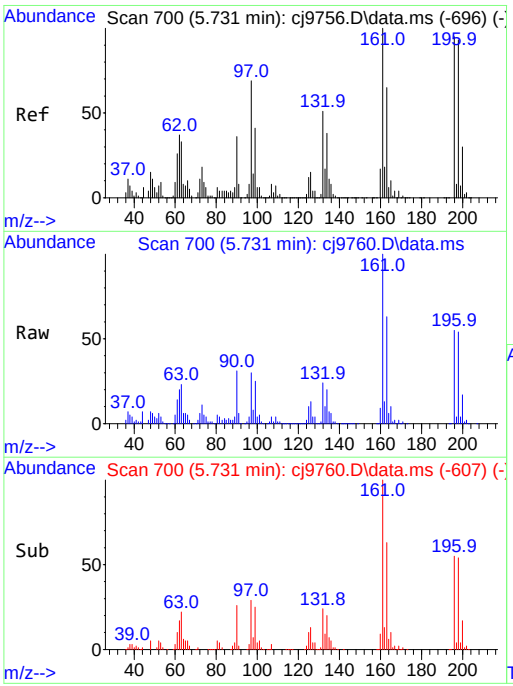


#48
1,2,4,5-tetrachlorobenzene
Concen: 9.81 ppm
RT: 5.667 min Scan# 688
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:216 Resp: 49344

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.8	94.2
218	46.9	37.3	55.9

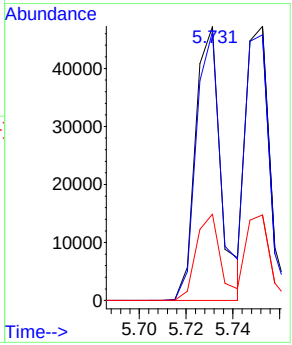


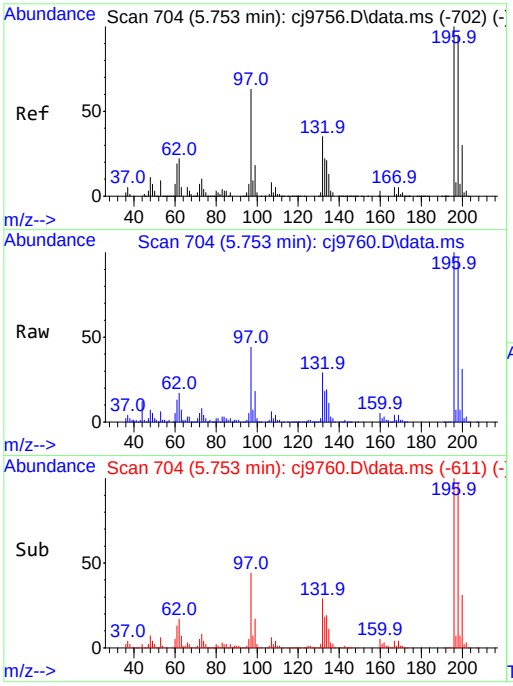


#49
2,4,6-Trichlorophenol
Concen: 10.27 ppm
RT: 5.731 min Scan# 700
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:196 Resp: 35369

Ion	Ratio	Lower	Upper
196	100		
198	98.4	67.2	127.2
200	31.8	0.8	60.8

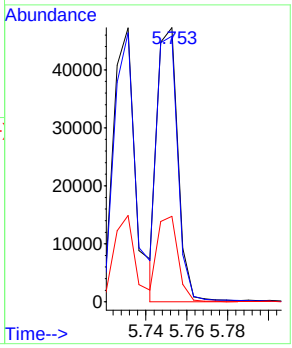


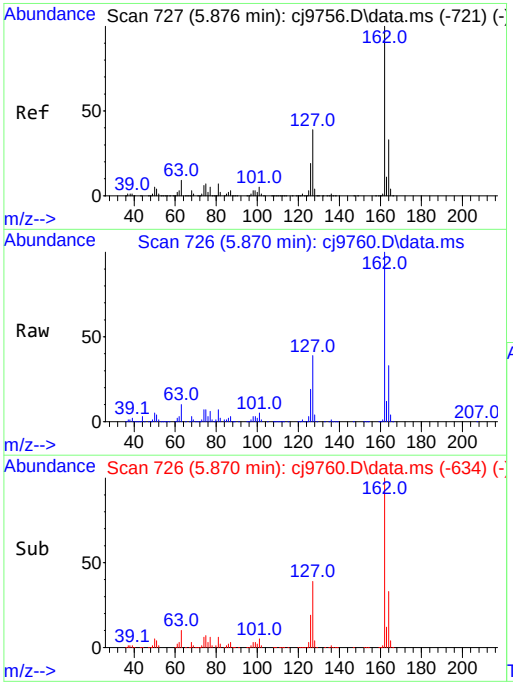


#50
2,4,5-Trichlorophenol
Concen: 8.90 ppm
RT: 5.753 min Scan# 704
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:196 Resp: 33226

Ion	Ratio	Lower	Upper
196	100		
198	96.9	65.1	125.1
200	31.5	0.0	60.0

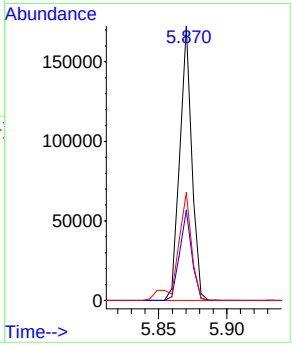


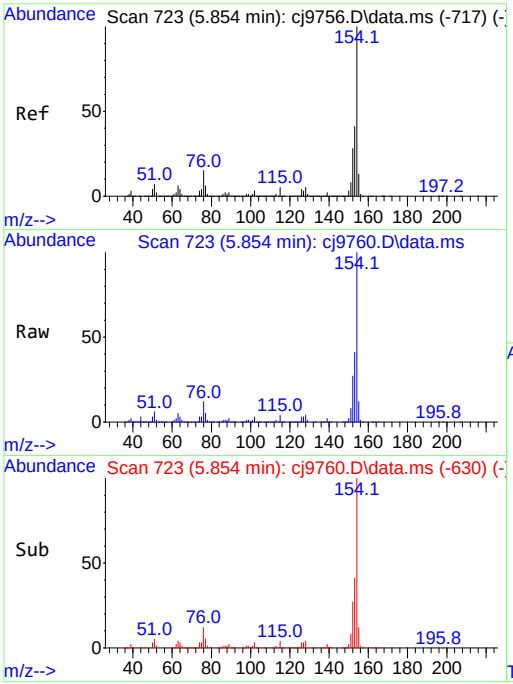


#52
2-Chloronaphthalene
Concen: 9.82 ppm
RT: 5.870 min Scan# 726
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:162 Resp: 106004

Ion	Ratio	Lower	Upper
162	100		
164	33.0	3.5	63.5
127	39.1	9.4	69.4

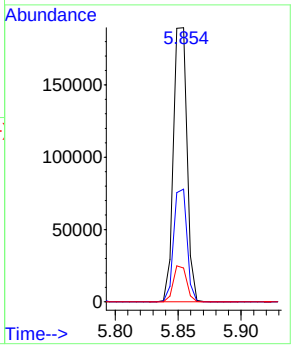


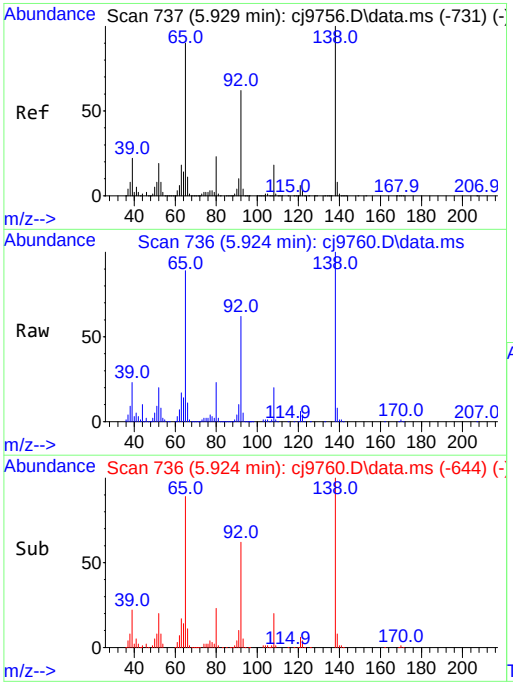


#53
Biphenyl
Concen: 10.27 ppm
RT: 5.854 min Scan# 723
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:154 Resp: 141913

Ion	Ratio	Lower	Upper
154	100		
153	41.1	11.4	71.4
155	12.3	0.0	43.2

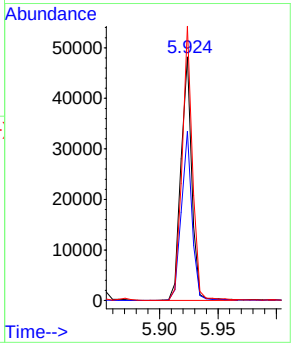


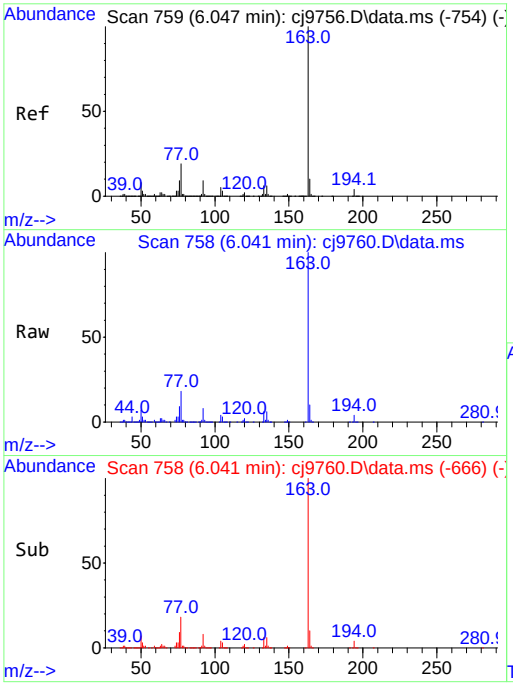


#54
2-Nitroaniline
Concen: 9.05 ppm
RT: 5.924 min Scan# 736
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 65 Resp: 31138

Ion	Ratio	Lower	Upper
65	100		
92	69.4	38.9	98.9
138	112.7	81.3	141.3

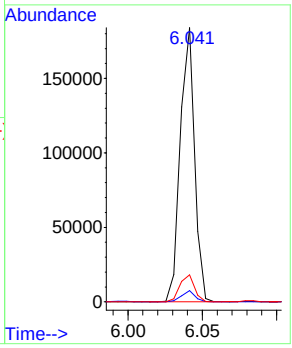


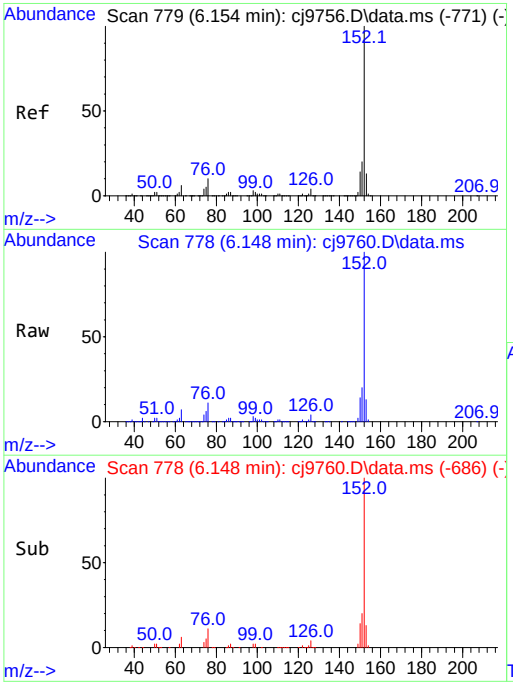


#55
Dimethylphthalate
Concen: 9.75 ppm
RT: 6.041 min Scan# 758
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:163 Resp: 123221

Ion	Ratio	Lower	Upper
163	100		
194	4.1	0.0	34.1
164	9.9	0.0	40.2

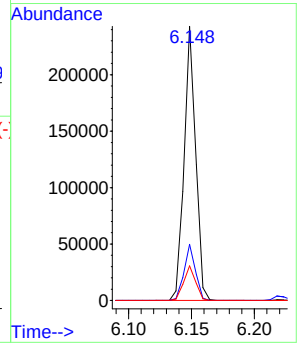


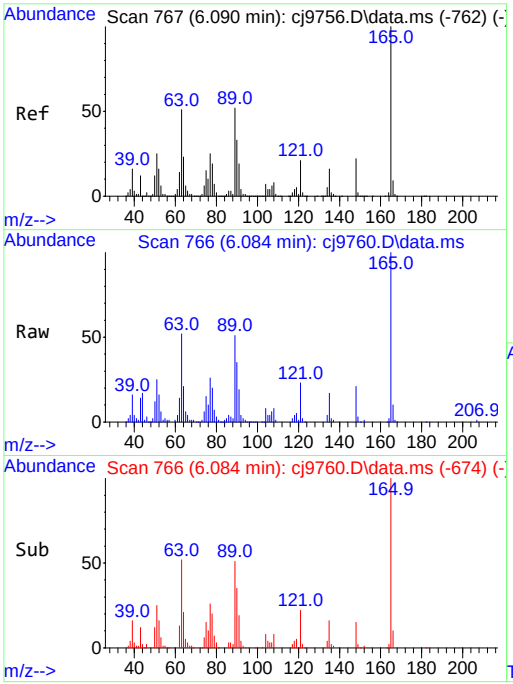


#56
Acenaphthylene
Concen: 9.84 ppm
RT: 6.148 min Scan# 778
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:152 Resp: 154341

Ion	Ratio	Lower	Upper
152	100		
151	20.5	0.0	50.2
153	12.7	0.0	43.2

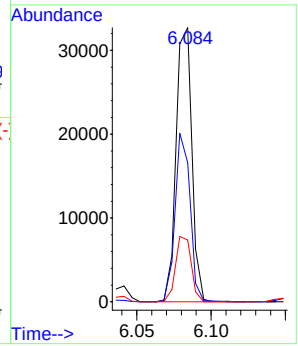


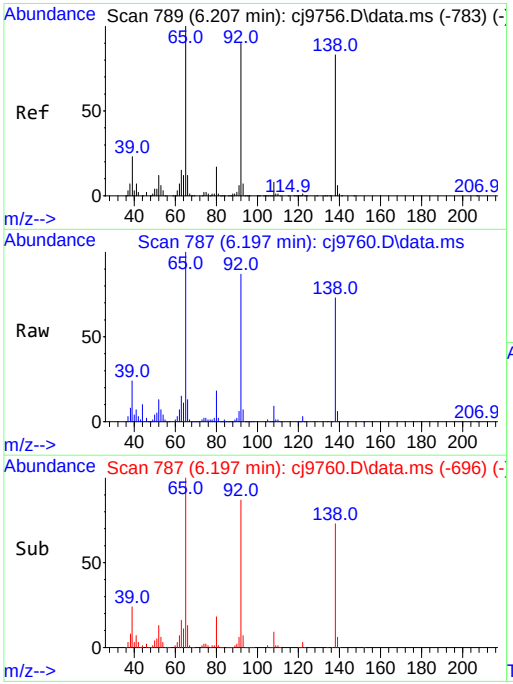


#57
2,6-Dinitrotoluene
Concen: 8.78 ppm
RT: 6.084 min Scan# 766
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:165 Resp: 24369

Ion	Ratio	Lower	Upper
165	100		
89	50.7	21.5	81.5
121	22.5	0.0	50.9

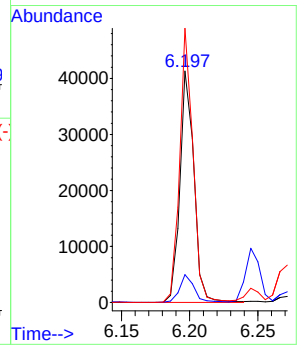


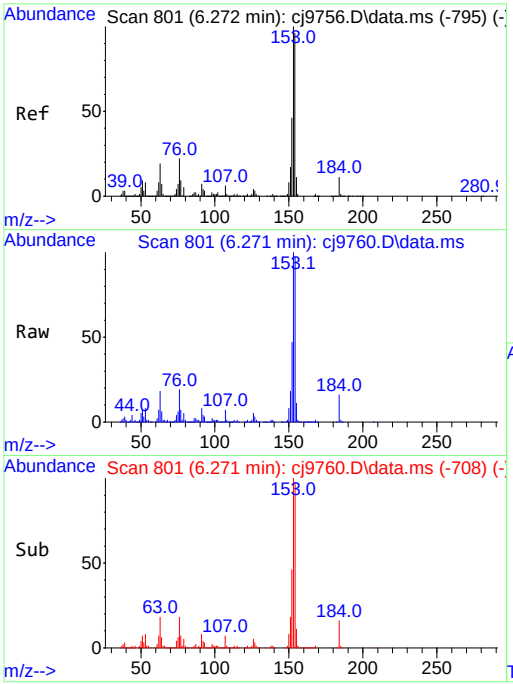


#58
3-Nitroaniline
Concen: 9.12 ppm
RT: 6.197 min Scan# 787
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:138 Resp: 29680

Ion	Ratio	Lower	Upper
138	100		
108	7.6	0.0	39.2
92	117.6	78.1	138.1

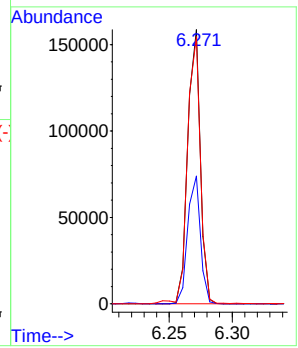


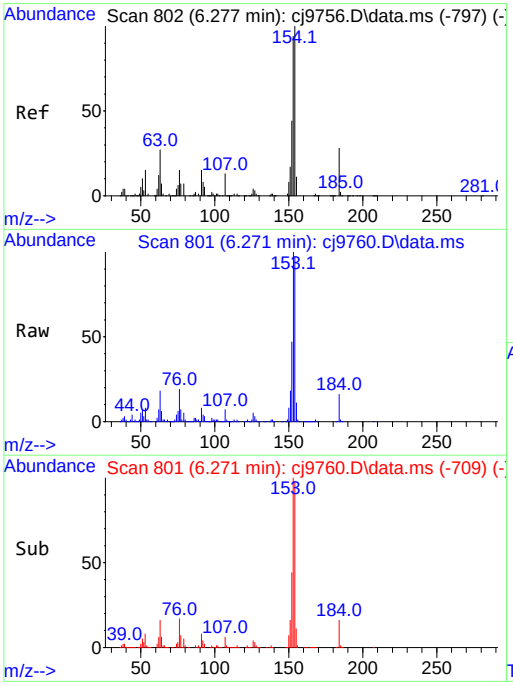


#59
Acenaphthene
Concen: 9.77 ppm
RT: 6.271 min Scan# 801
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:153 Resp: 110223

Ion	Ratio	Lower	Upper
153	100		
152	46.5	16.3	76.3
154	97.2	65.5	125.5

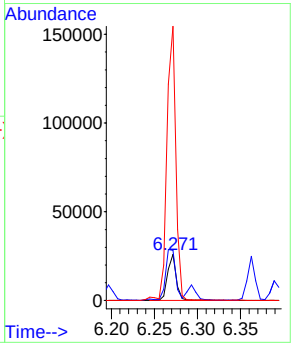


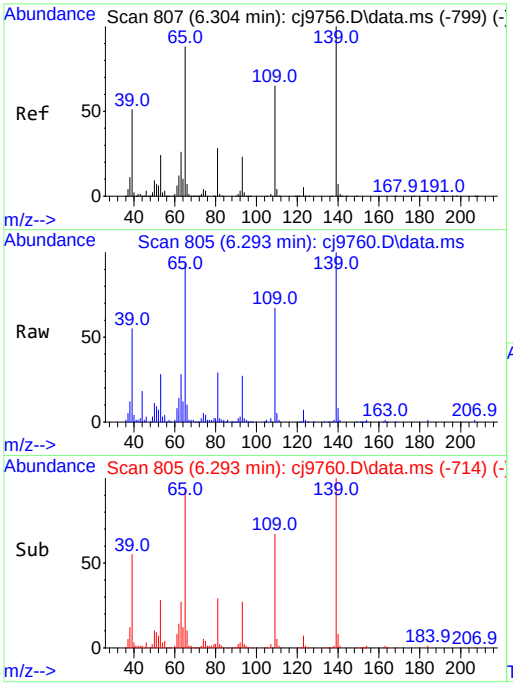


#60
2,4-Dinitrophenol
Concen: 11.84 ppm
RT: 6.271 min Scan# 801
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:184 Resp: 18189

Ion	Ratio	Lower	Upper
184	100		
63	107.2	66.5	126.5
154	593.0	333.5	393.5#

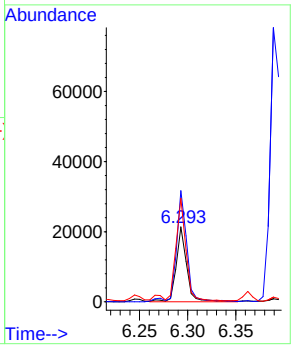


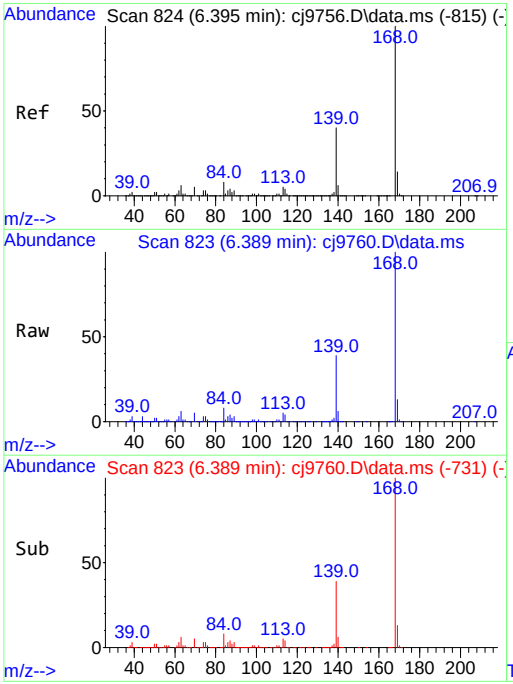


#61
4-Nitrophenol
Concen: 8.94 ppm
RT: 6.293 min Scan# 805
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:109 Resp: 16136

Ion	Ratio	Lower	Upper
109	100		
139	148.2	125.2	185.2
65	136.6	105.7	165.7

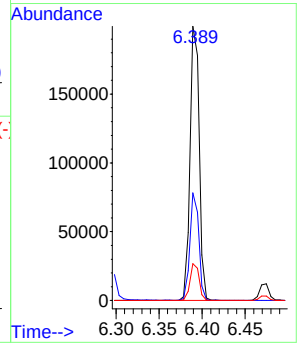


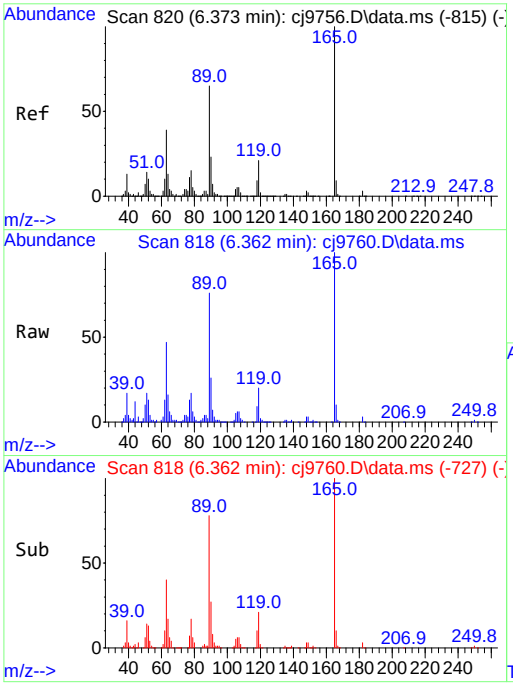


#62
Dibenzofuran
Concen: 9.91 ppm
RT: 6.389 min Scan# 823
Delta R.T. -0.006 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:168 Resp: 149566

Ion	Ratio	Lower	Upper
168	100		
139	39.2	10.5	70.5
169	13.4	0.0	43.5

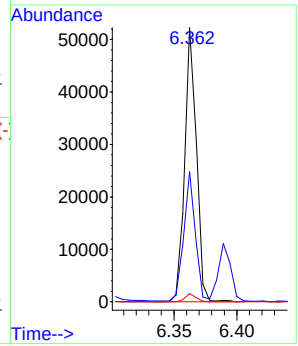


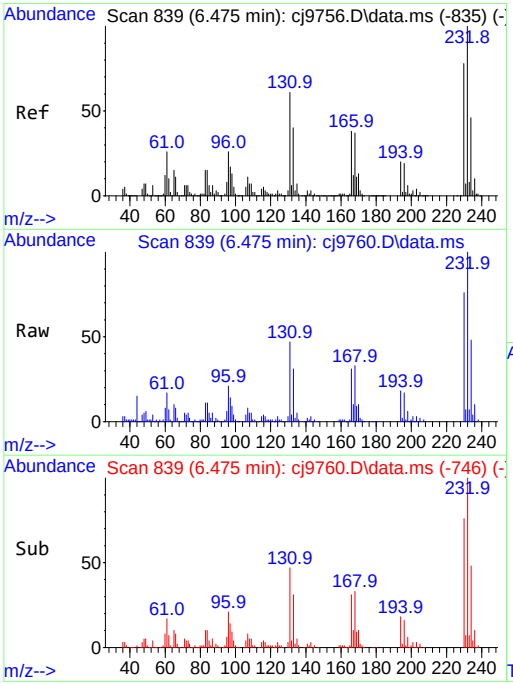


#63
2,4-Dinitrotoluene
Concen: 8.86 ppm
RT: 6.362 min Scan# 818
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:165 Resp: 33797

Ion	Ratio	Lower	Upper
165	100		
63	47.2	9.3	69.3
182	3.0	0.0	33.1

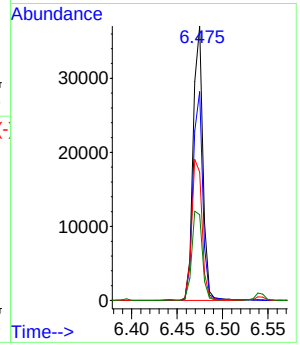


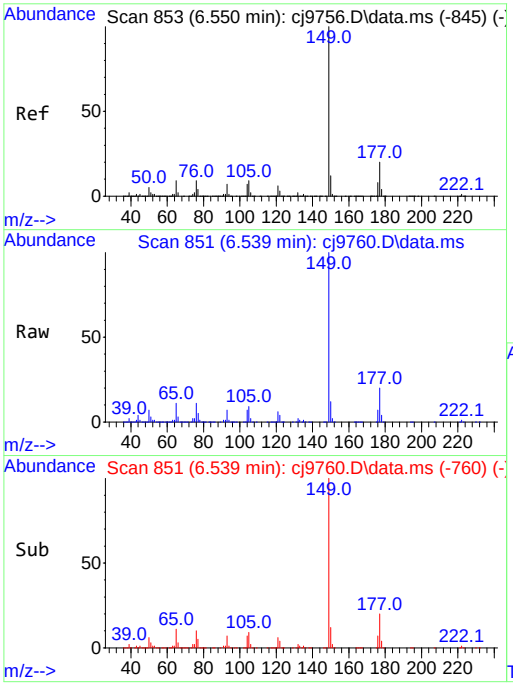


#64
2,3,4,6-Tetrachlorophenol
Concen: 9.47 ppm
RT: 6.475 min Scan# 839
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:232 Resp: 27394

Ion	Ratio	Lower	Upper
232	100		
230	76.1	48.2	108.2
131	46.8	30.7	90.7
133	31.2	9.7	69.7

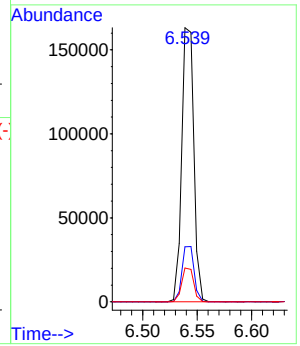


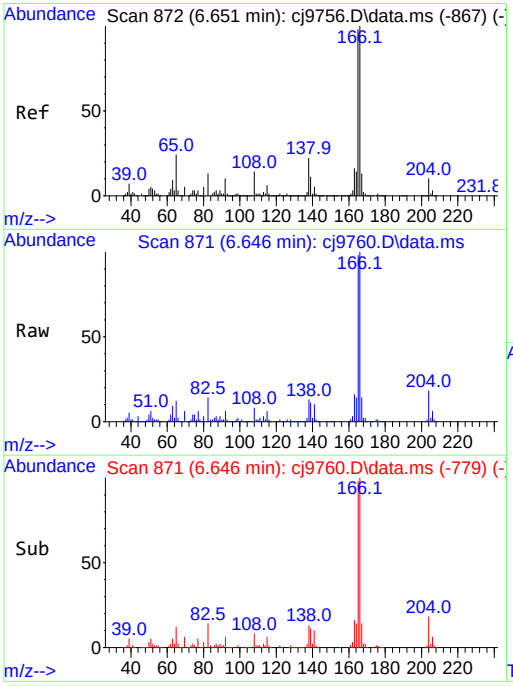


#65
Diethylphthalate
Concen: 9.62 ppm
RT: 6.539 min Scan# 851
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:149 Resp: 126112

Ion	Ratio	Lower	Upper
149	100		
177	20.0	0.0	50.1
150	12.4	0.0	42.3

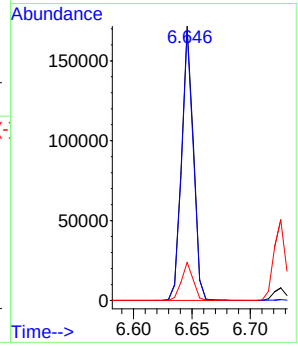


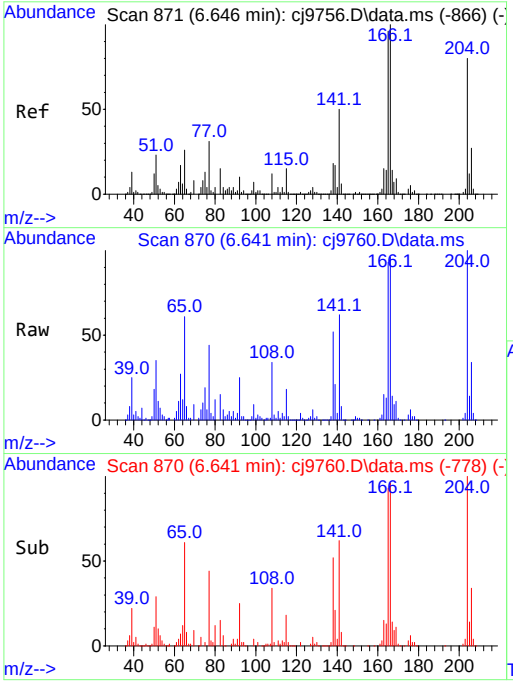


#66
Fluorene
Concen: 10.00 ppm
RT: 6.646 min Scan# 871
Delta R.T. -0.006 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:166 Resp: 120231

Ion	Ratio	Lower	Upper
166	100		
165	98.2	68.3	128.3
167	13.9	0.0	43.4

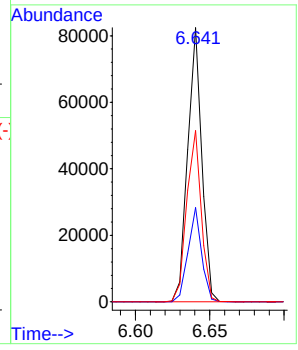


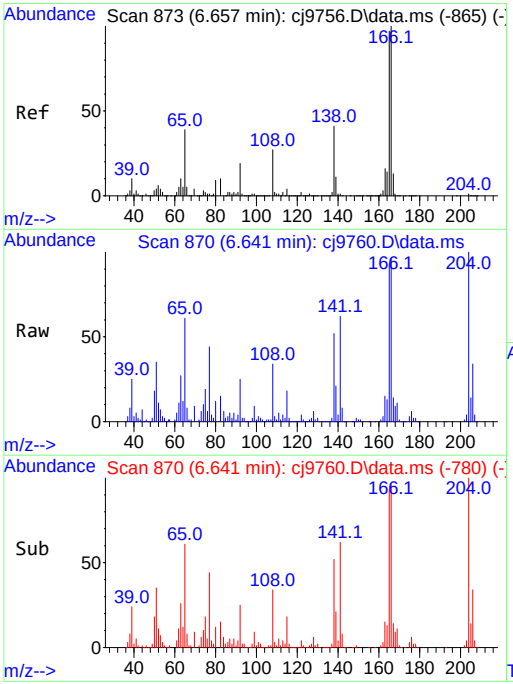


#67
4-Chlorophenyl-phenylether
Concen: 9.90 ppm
RT: 6.641 min Scan# 870
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:204 Resp: 54274

Ion	Ratio	Lower	Upper
204	100		
206	34.4	4.0	64.0
141	62.5	33.0	93.0

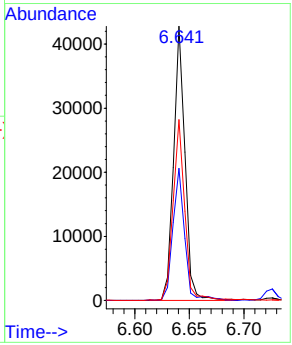


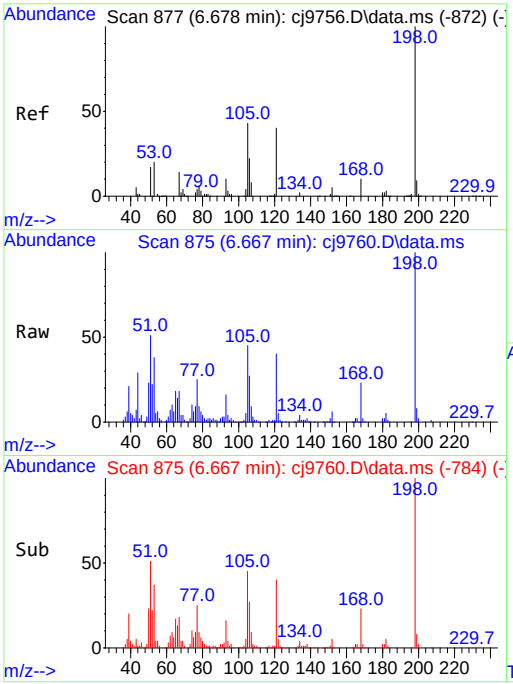


#68
4-Nitroaniline
Concen: 9.17 ppm
RT: 6.641 min Scan# 870
Delta R.T. -0.016 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:138 Resp: 31180

Ion	Ratio	Lower	Upper
138	100		
92	48.1	15.3	75.3
108	65.7	36.8	96.8

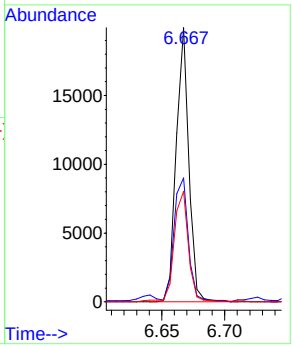


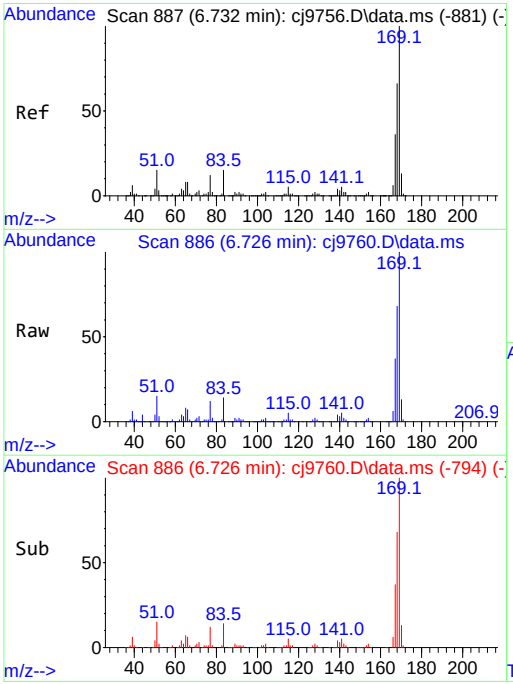


#70
4,6-Dinitro-2-methylphenol
Concen: 6.90 ppm
RT: 6.667 min Scan# 875
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:198 Resp: 13807

Ion	Ratio	Lower	Upper
198	100		
105	43.6	5.0	65.0
121	39.8	10.0	70.0

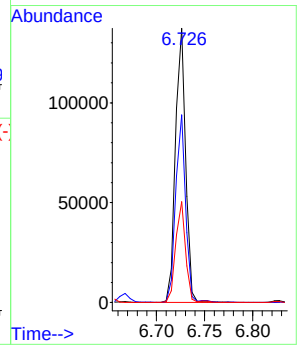


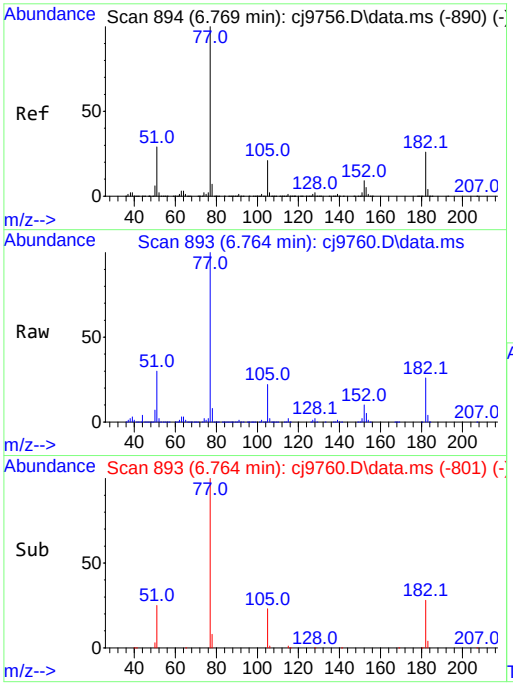


#71
n-Nitrosodiphenylamine
Concen: 9.59 ppm
RT: 6.726 min Scan# 886
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:169 Resp: 100470

Ion	Ratio	Lower	Upper
169	100		
168	68.4	36.0	96.0
167	36.8	5.9	65.9

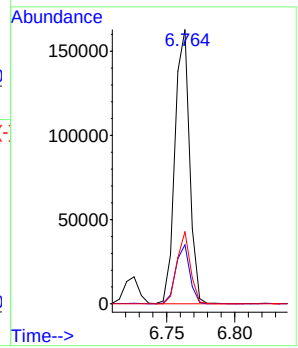


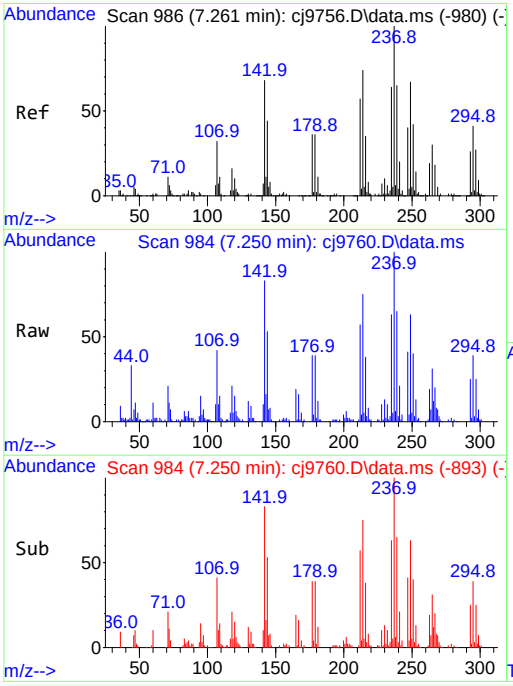


#72
1,2-Diphenylhydrazine
Concen: 9.66 ppm
RT: 6.764 min Scan# 893
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 77 Resp: 122320

Ion	Ratio	Lower	Upper
77	100		
105	21.5	0.0	51.2
182	26.4	0.0	55.7

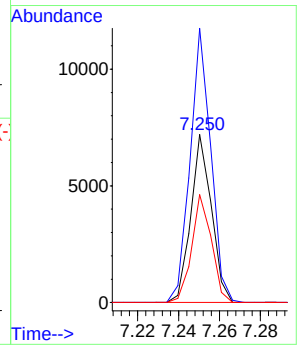


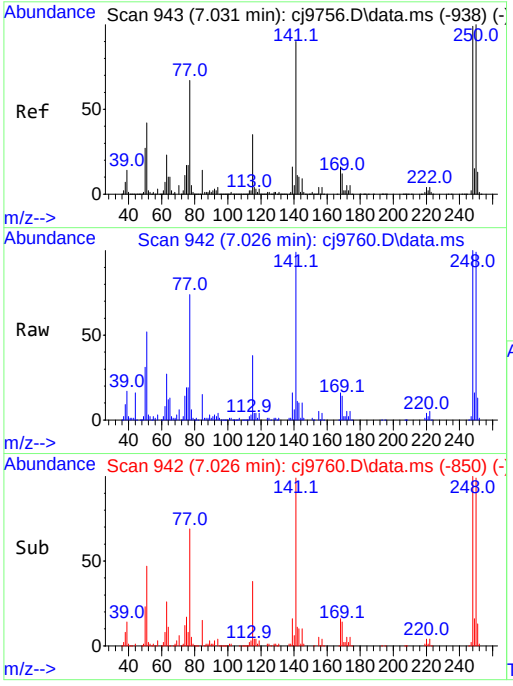


#73
pentachloronitrobenzene
Concen: 9.10 ppm
RT: 7.250 min Scan# 984
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:295 Resp: 5043

Ion	Ratio	Lower	Upper
295	100		
249	164.3	132.3	198.5
297	61.5	50.6	75.8

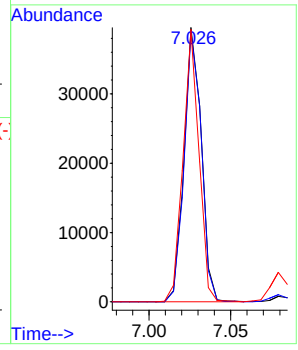


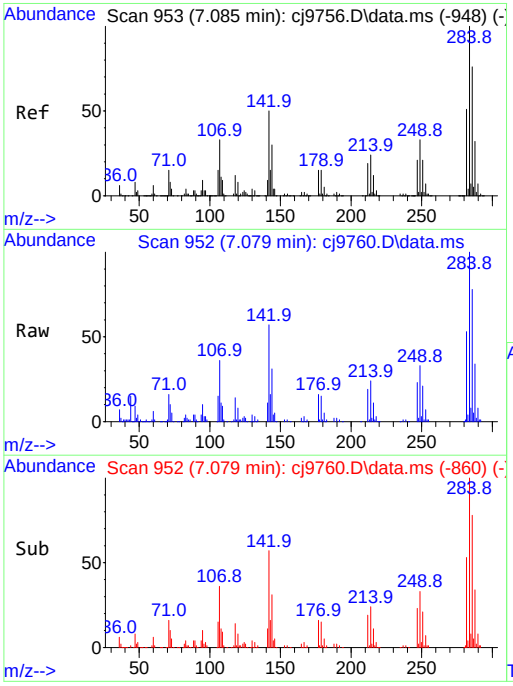


#75
4-Bromophenyl-phenylether
Concen: 9.60 ppm
RT: 7.026 min Scan# 942
Delta R.T. -0.006 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:248 Resp: 29151

Ion	Ratio	Lower	Upper
248	100		
250	98.8	71.3	131.3
141	99.3	61.3	121.3

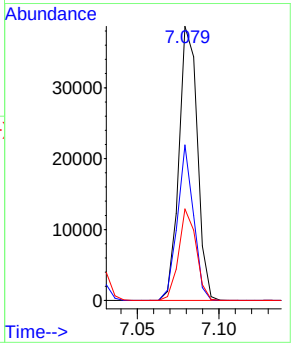


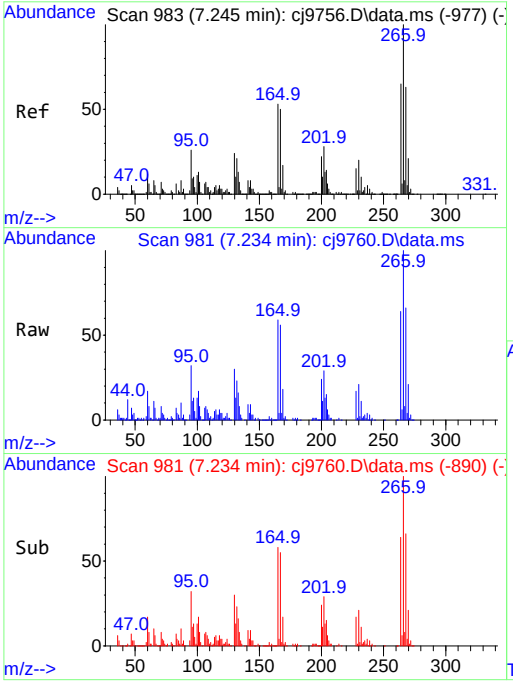


#76
Hexachlorobenzene
Concen: 9.52 ppm
RT: 7.079 min Scan# 952
Delta R.T. -0.006 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:284 Resp: 30464

Ion	Ratio	Lower	Upper
284	100		
142	56.7	20.3	80.3
249	33.3	3.5	63.5

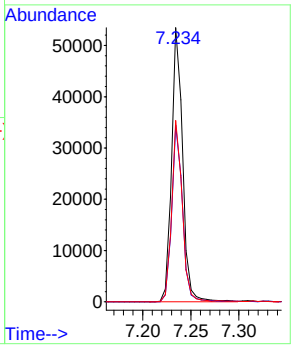


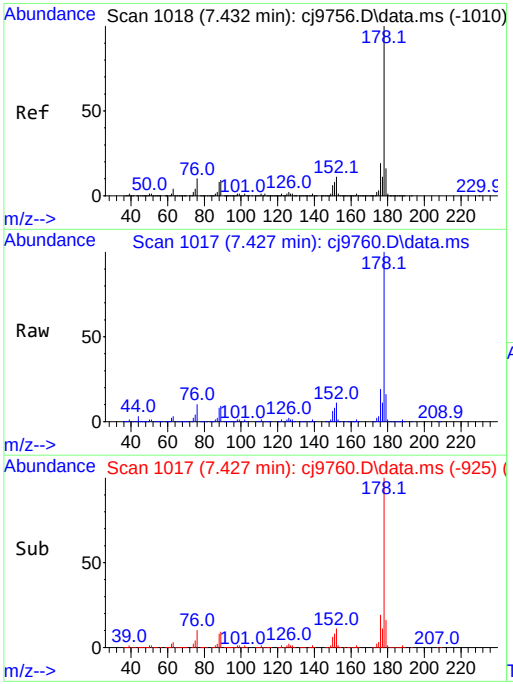


#77
Pentachlorophenol
Concen: 17.98 ppm
RT: 7.234 min Scan# 981
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:266 Resp: 42340

Ion	Ratio	Lower	Upper
266	100		
264	64.4	35.3	95.3
268	66.0	33.4	93.4

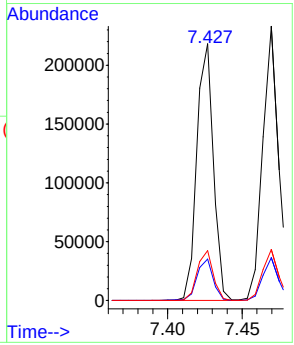


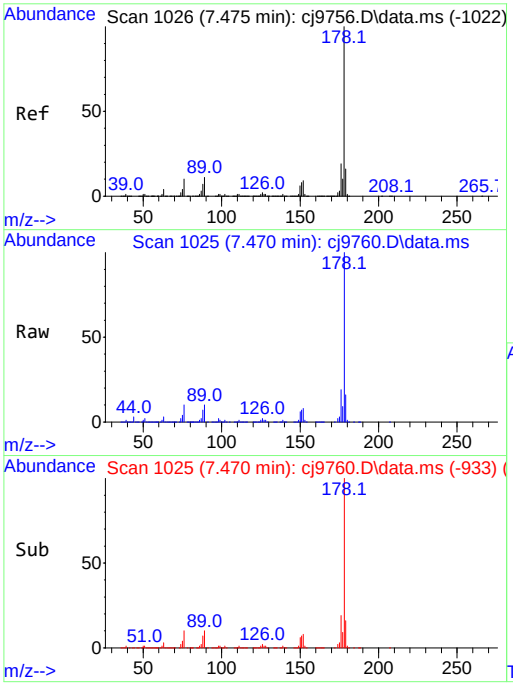


#78
Phenanthrene
Concen: 9.74 ppm
RT: 7.427 min Scan# 1017
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:178 Resp: 169444

Ion	Ratio	Lower	Upper
178	100		
179	16.2	0.0	45.6
176	19.5	0.0	49.4

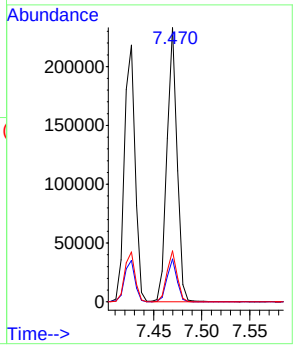


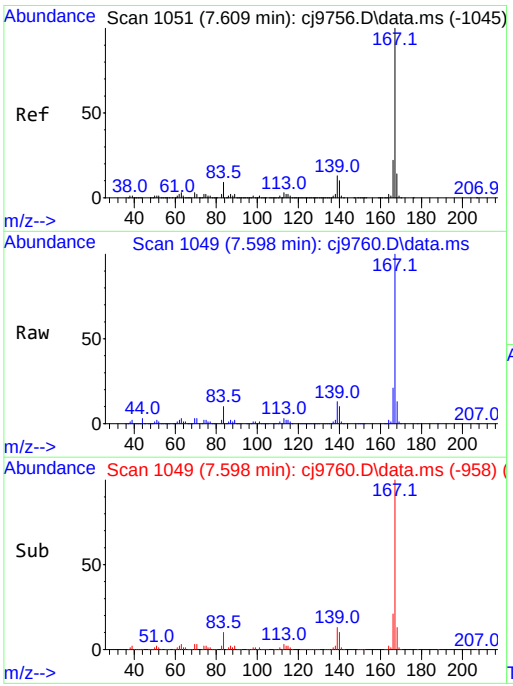


#79
Anthracene
Concen: 9.70 ppm
RT: 7.470 min Scan# 1025
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:178 Resp: 170260

Ion	Ratio	Lower	Upper
178	100		
179	15.6	0.0	45.9
176	18.6	0.0	48.6

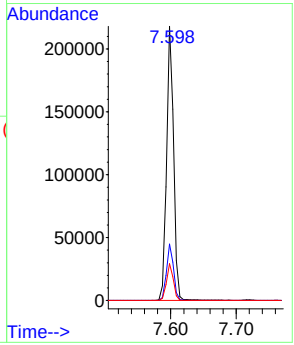


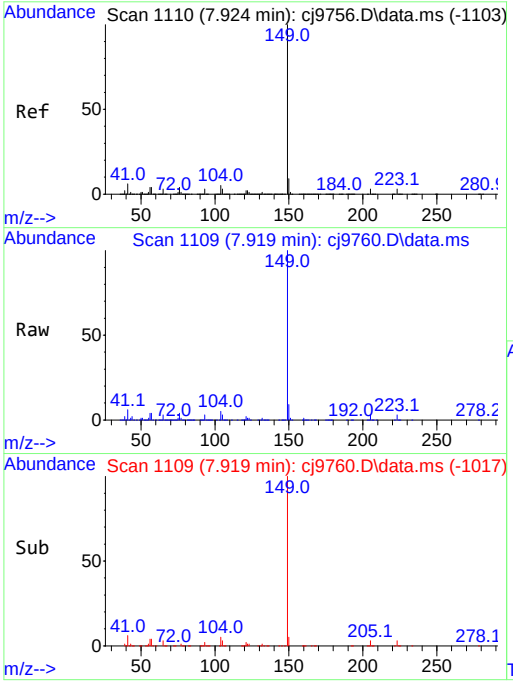


#80
Carbazole
Concen: 9.67 ppm
RT: 7.598 min Scan# 1049
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:167 Resp: 164793

Ion	Ratio	Lower	Upper
167	100		
166	20.6	0.0	51.6
139	13.4	0.0	43.1

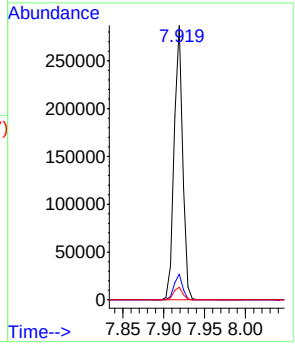


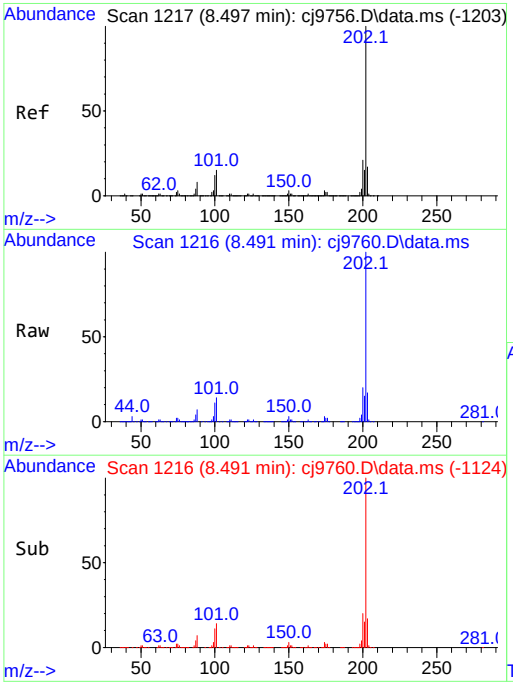


#81
Di-n-butylphthalate
Concen: 9.26 ppm
RT: 7.919 min Scan# 1109
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:149 Resp: 209066

Ion	Ratio	Lower	Upper
149	100		
150	9.3	0.0	39.2
104	4.6	0.0	34.6

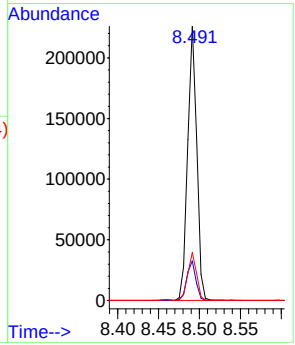


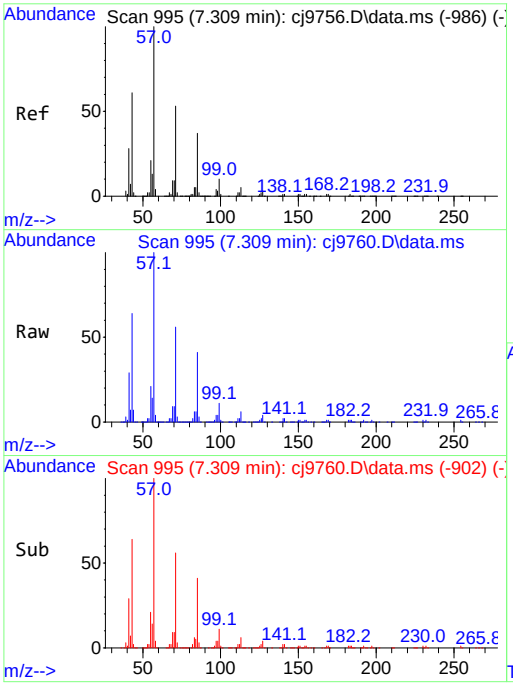


#82
Fluoranthene
Concen: 9.38 ppm
RT: 8.491 min Scan# 1216
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:202 Resp: 176206

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	45.3
203	17.5	0.0	47.3

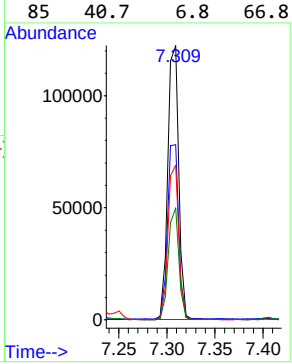


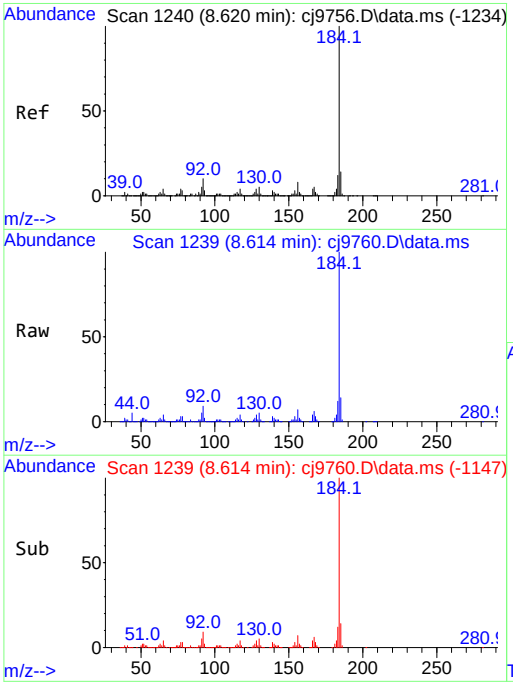


#83
Octadecane
Concen: 9.29 ppm
RT: 7.309 min Scan# 995
Delta R.T. -0.000 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion: 57 Resp: 96317

Ion	Ratio	Lower	Upper
57	100		
43	63.6	31.1	91.1
71	56.4	23.7	83.7
85	40.7	6.8	66.8

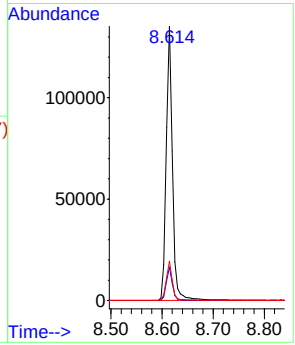


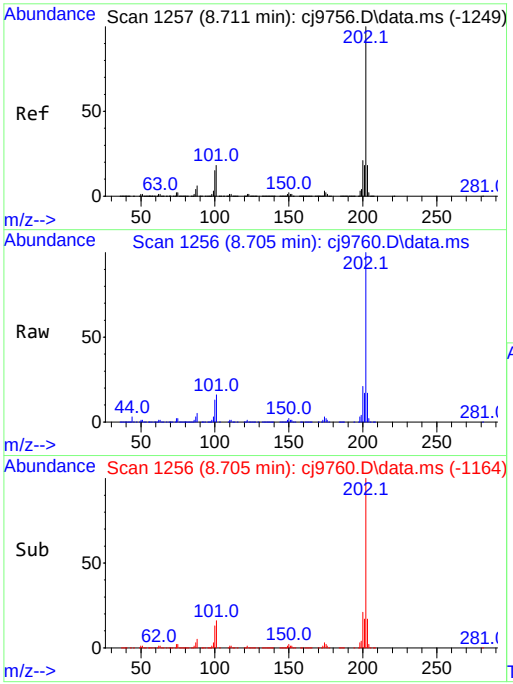


#85
benzidine
Concen: 10.85 ppm
RT: 8.614 min Scan# 1239
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:184 Resp: 114010

Ion	Ratio	Lower	Upper
184	100		
183	11.7	9.5	14.3
185	14.0	11.0	16.4

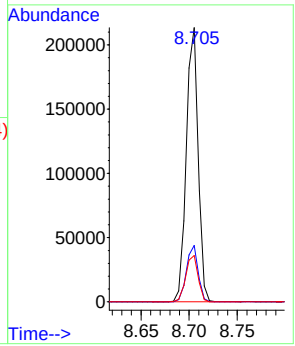


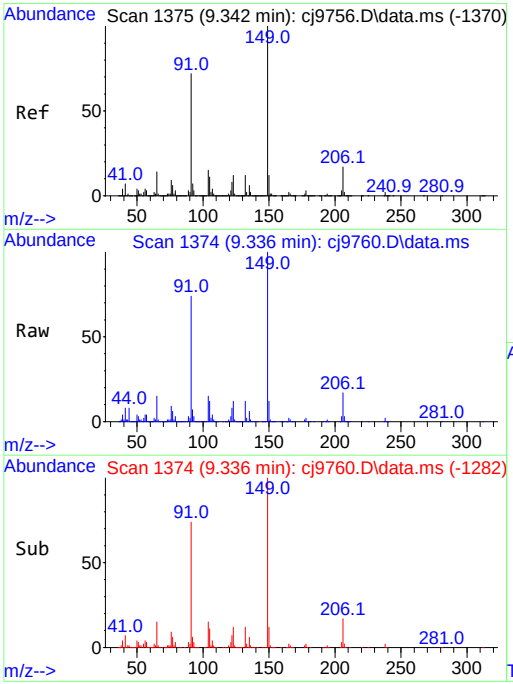


#86
Pyrene
Concen: 9.77 ppm
RT: 8.705 min Scan# 1256
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:202 Resp: 182507

Ion	Ratio	Lower	Upper
202	100		
200	20.6	0.0	51.1
203	16.9	0.0	47.7

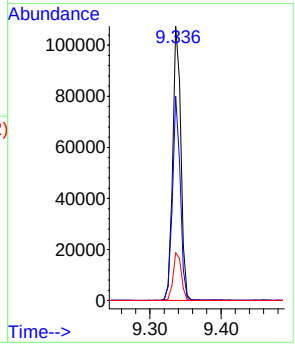


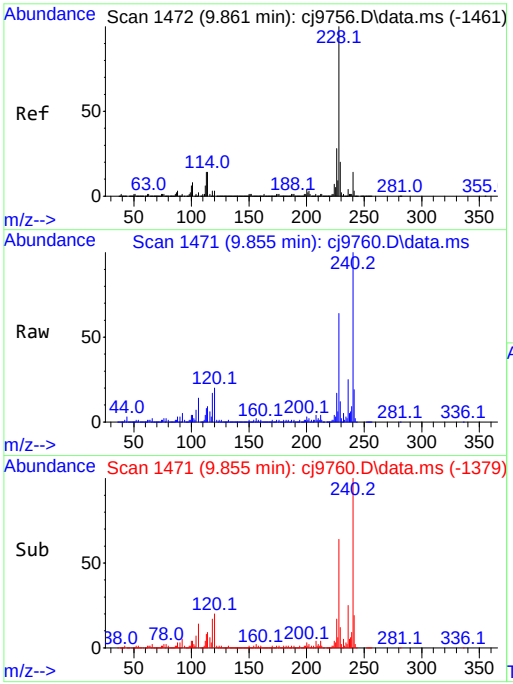


#88
Butylbenzylphthalate
Concen: 8.66 ppm
RT: 9.336 min Scan# 1374
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:149 Resp: 85556

Ion	Ratio	Lower	Upper
149	100		
91	74.4	41.7	101.7
206	17.4	0.0	47.1

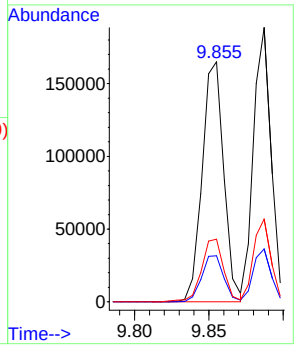


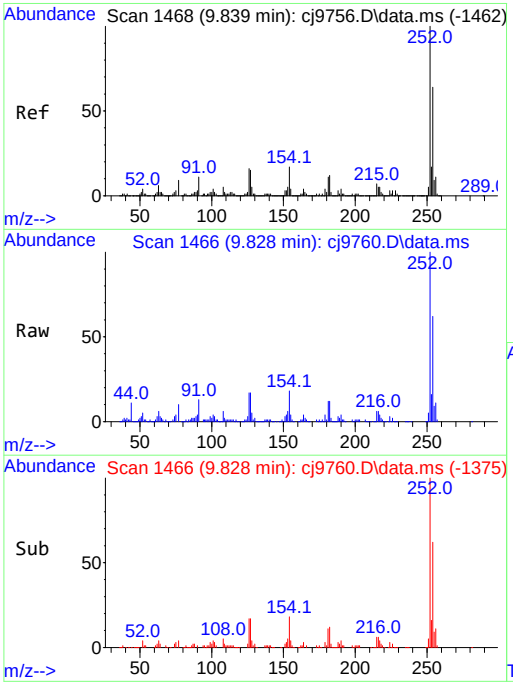


#89
Benzo[a]anthracene
Concen: 9.65 ppm
RT: 9.855 min Scan# 1471
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:228 Resp: 166678

Ion	Ratio	Lower	Upper
228	100		
229	19.2	0.0	50.0
226	26.2	0.0	57.8

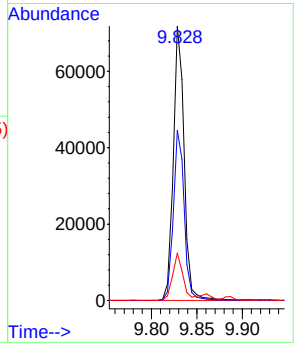


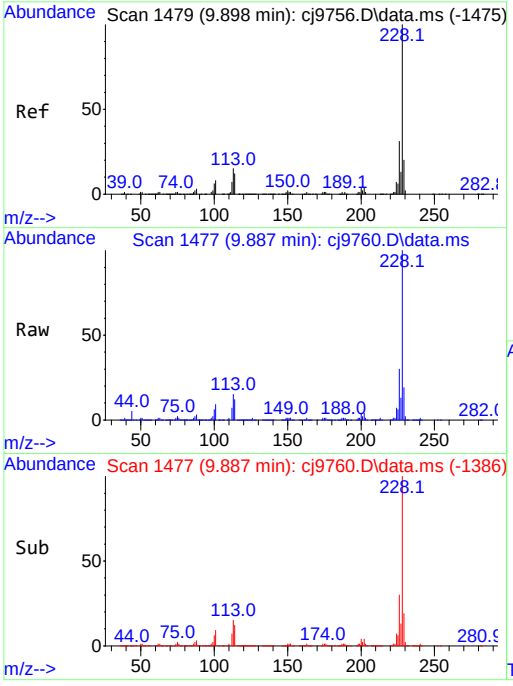


#90
3,3'-Dichlorobenzidine
Concen: 8.95 ppm
RT: 9.828 min Scan# 1466
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:252 Resp: 60159

Ion	Ratio	Lower	Upper
252	100		
254	62.0	34.1	94.1
126	17.3	0.0	45.7

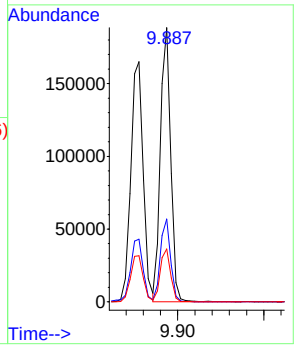


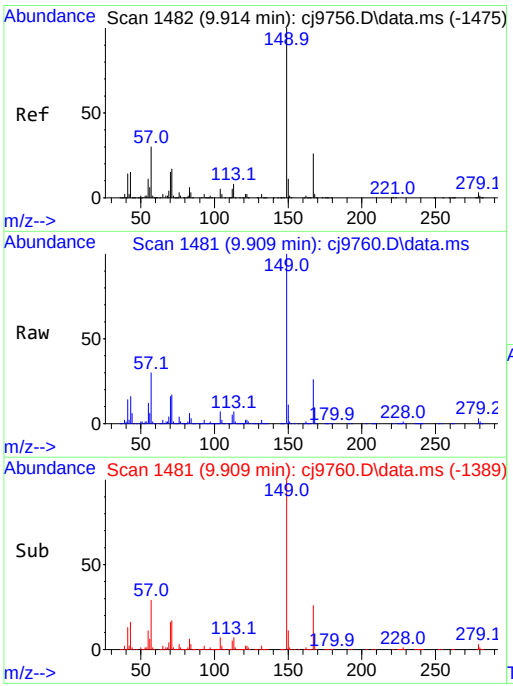


#91
Chrysene
Concen: 9.64 ppm
RT: 9.887 min Scan# 1477
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:228 Resp: 156056

Ion	Ratio	Lower	Upper
228	100		
226	30.4	0.6	60.6
229	19.3	0.0	49.9

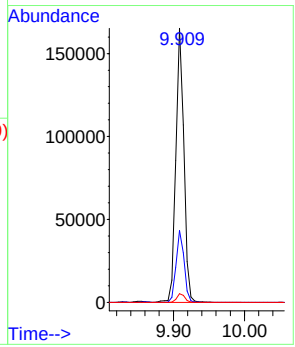


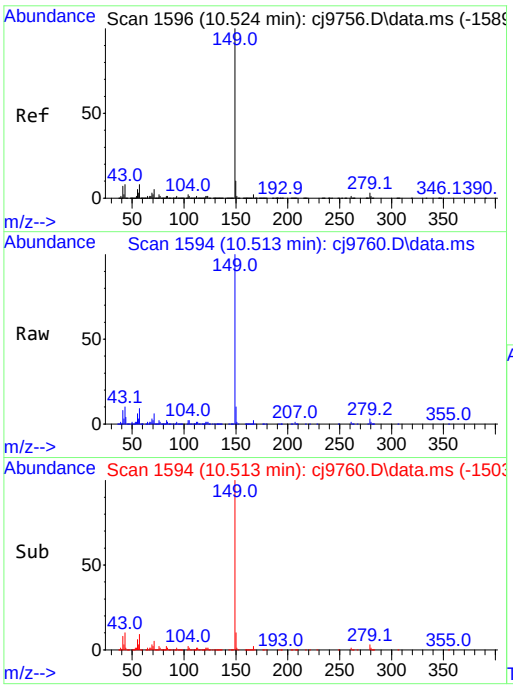


#92
bis(2-Ethylhexyl)phthalate
Concen: 8.89 ppm
RT: 9.909 min Scan# 1481
Delta R.T. -0.005 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:149 Resp: 130043

Ion	Ratio	Lower	Upper
149	100		
167	26.2	0.0	56.1
279	3.2	0.0	33.1

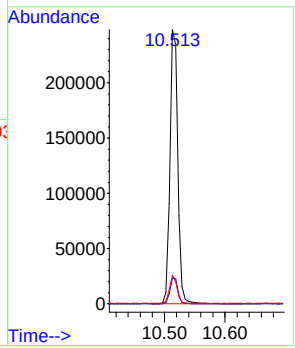


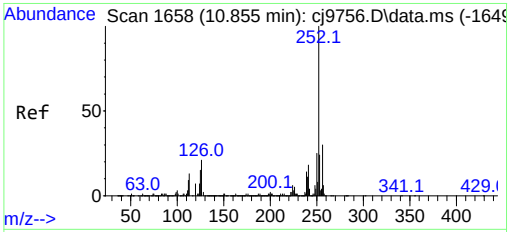


#94
Di-n-octylphthalate
Concen: 8.66 ppm
RT: 10.513 min Scan# 1594
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:149 Resp: 222019

Ion	Ratio	Lower	Upper
149	100		
150	9.6	0.0	39.6
43	10.2	0.0	38.2

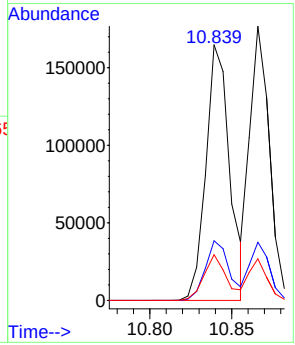


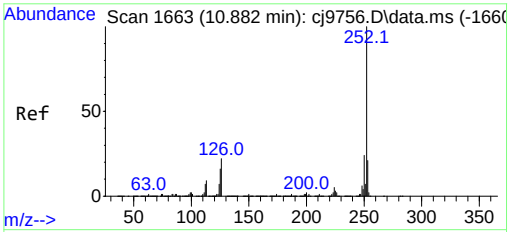


#95
Benzo[b]fluoranthene
Concen: 9.74 ppm
RT: 10.839 min Scan# 1655
Delta R.T. -0.016 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:252 Resp: 165991

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	54.1
125	17.8	0.0	45.5

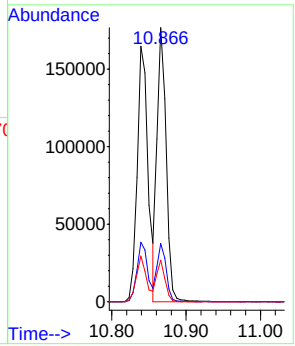


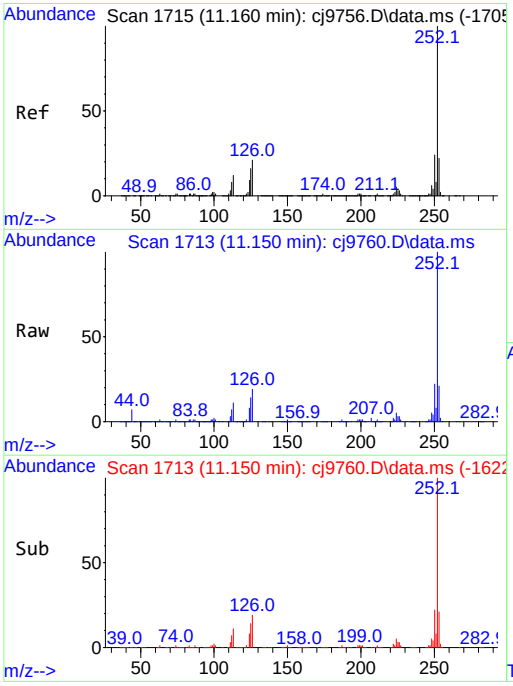


#96
Benzo[k]fluoranthene
Concen: 9.61 ppm
RT: 10.866 min Scan# 1660
Delta R.T. -0.016 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:252 Resp: 150693

Ion	Ratio	Lower	Upper
252	100		
253	21.0	0.0	51.4
125	14.8	0.0	45.5

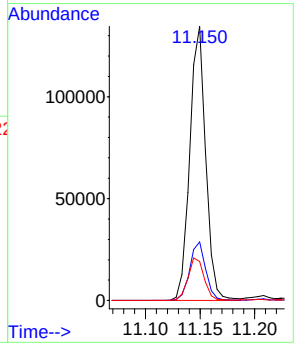


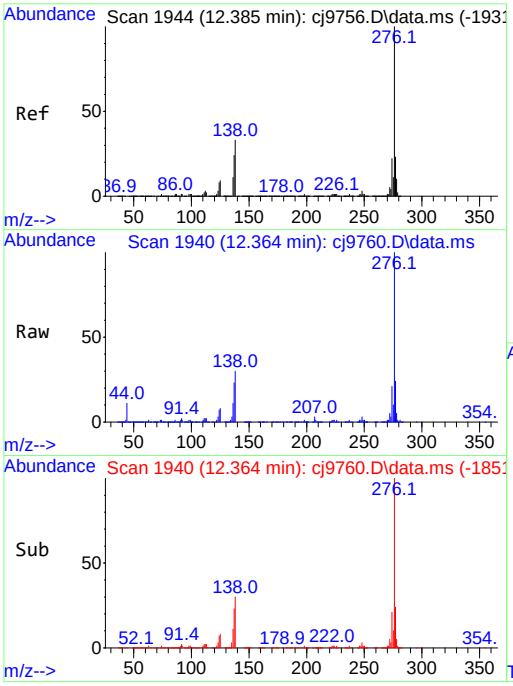


#97
Benzo[a]pyrene
Concen: 9.43 ppm
RT: 11.150 min Scan# 1713
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:252 Resp: 136436

Ion	Ratio	Lower	Upper
252	100		
253	21.4	0.0	51.6
125	14.1	0.0	46.4

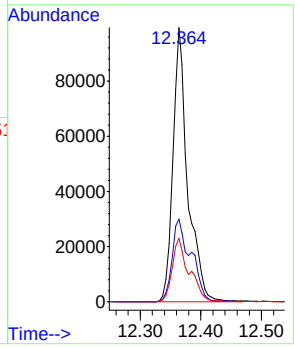


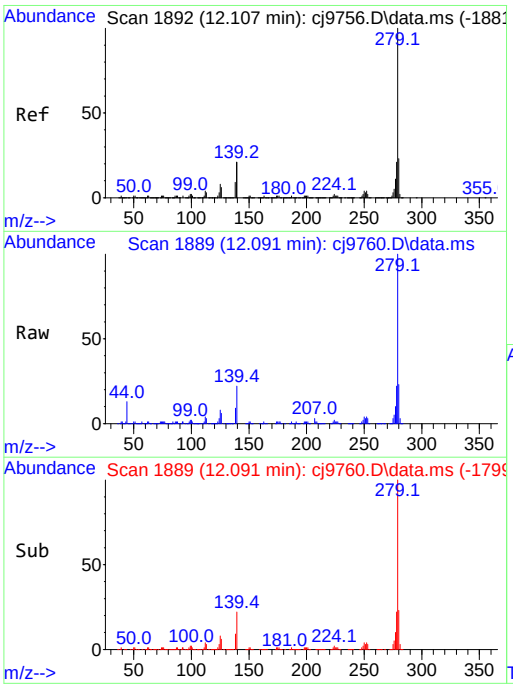


#98
Indeno[1,2,3-cd]pyrene
Concen: 9.12 ppm
RT: 12.364 min Scan# 1940
Delta R.T. -0.022 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:276 Resp: 168606

Ion	Ratio	Lower	Upper
276	100		
138	30.1	2.8	62.8
137	23.1	0.0	54.0

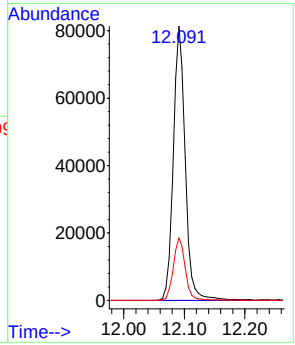


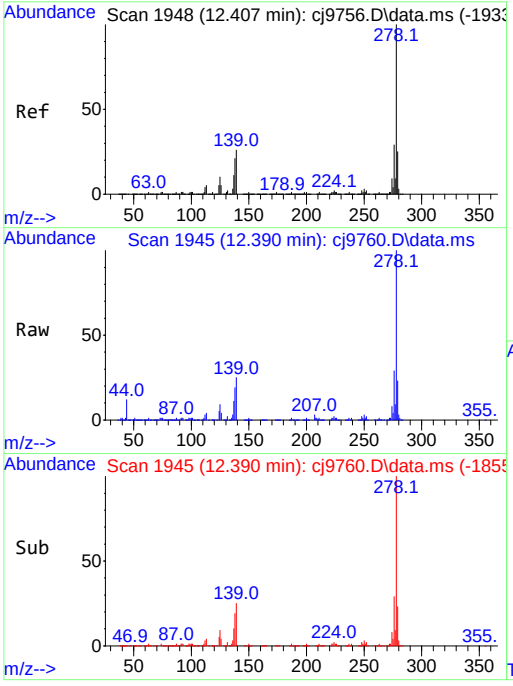


#99
Dibenz(a,h)acridine
Concen: 8.89 ppm
RT: 12.091 min Scan# 1889
Delta R.T. -0.016 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:279 Resp: 111924

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.8	0.0	52.6

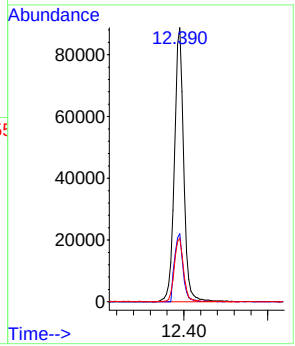


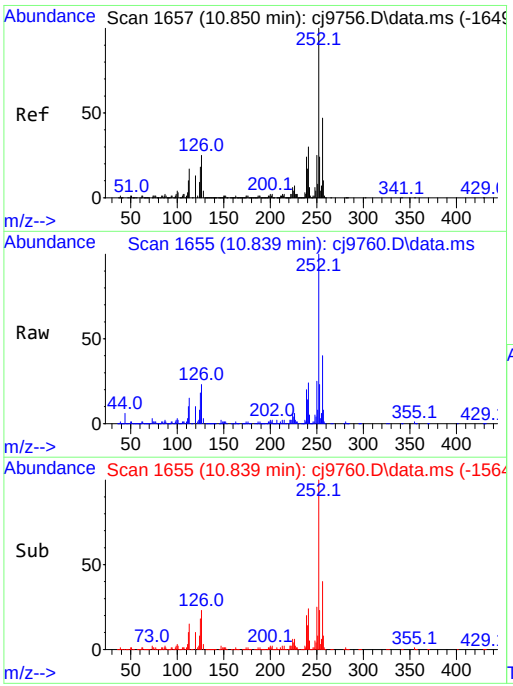


#100
Dibenz[a,h]anthracene
Concen: 9.31 ppm
RT: 12.390 min Scan# 1945
Delta R.T. -0.016 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:278 Resp: 136288

Ion	Ratio	Lower	Upper
278	100		
139	24.8	0.0	56.3
279	23.1	0.0	54.6

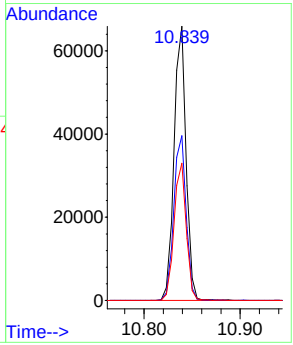


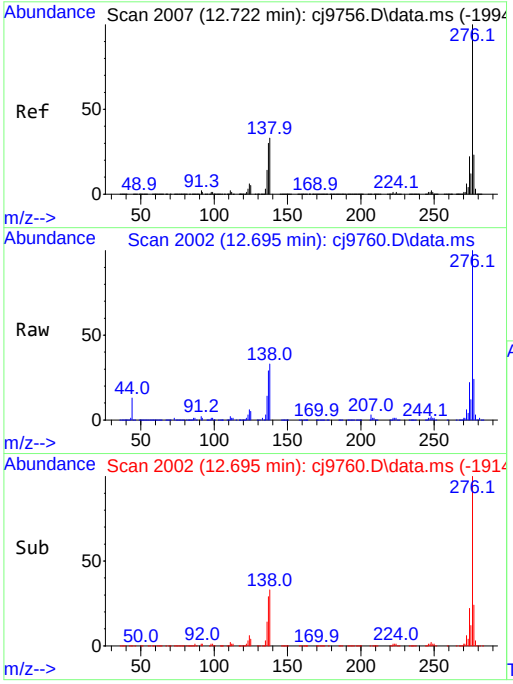


#101
7,12-Dimethylbenz(a)anthracene
Concen: 9.85 ppm
RT: 10.839 min Scan# 1655
Delta R.T. -0.011 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:256 Resp: 56974

Ion	Ratio	Lower	Upper
256	100		
241	60.0	32.7	92.7
239	50.1	20.3	80.3

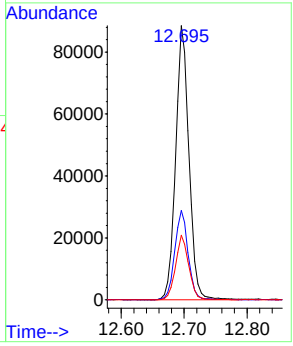




#102
Benzo[g,h,i]perylene
Concen: 9.27 ppm
RT: 12.695 min Scan# 2002
Delta R.T. -0.027 min
Lab File: cj9760.D
Acq: 17 Dec 2024 06:08 pm

Tgt Ion:276 Resp: 129813

Ion	Ratio	Lower	Upper
276	100		
138	32.6	3.3	63.3
277	23.6	0.0	53.4



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9761.D
Acq On : 17 Dec 2024 06:26 pm
Operator : rocquans
Sample : ic420-25
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 20 09:23:26 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	151910	40.00	ppm	0.00
24) Naphthalene-d8	5.143	136	595250	40.00	ppm	0.00
46) Acenaphthene-d10	6.250	164	314578	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	528018	40.00	ppm	0.00
84) Chrysene-d12	9.866	240	426053	40.00	ppm	0.00
93) Perylene-d12	11.203	264	436180	40.00	ppm	-0.01
103) 1,4-Dichlorobenzene-d4a	4.394	152	151910	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	528018	40.00	ppm	0.00
107) Naphthalene-d8a	5.143	136	595250	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	528018	40.00	ppm	0.00
112) Chrysene-d12a	9.866	240	426053	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.554	112	109538	22.61	ppm	0.00
Spiked Amount 50.000			Recovery = 45.22%			
8) Phenol-d5	4.159	99	141928	22.37	ppm	0.00
Spiked Amount 50.000			Recovery = 44.74%			
25) Nitrobenzene-d5	4.720	82	136702	22.82	ppm	0.00
Spiked Amount 50.000			Recovery = 45.64%			
51) 2-Fluorobiphenyl	5.785	172	254564	24.55	ppm	0.00
Spiked Amount 50.000			Recovery = 49.10%			
74) 2,4,6-Tribromophenol	6.828	330	30179	23.22	ppm	0.00
Spiked Amount 50.000			Recovery = 46.44%			
87) Terphenyl-d14	8.860	244	263869	24.35	ppm	0.00
Spiked Amount 50.000			Recovery = 48.70%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.249	88	45161	24.77	ppm	98
3) Pyridine	2.549	79	124852	23.94	ppm	99
4) N-Nitrosodimethylamine	2.511	74	69647	22.41	ppm	99
6) Indene	4.549	116	212364	23.50	ppm	97
7) Cumene	3.907	105	246602	23.80	ppm	99
9) Phenol	4.169	94	150403	22.00	ppm	98
10) Aniline	4.191	93	191729	22.80	ppm	98
11) bis(2-Chloroethyl)ether	4.228	93	121389	22.43	ppm	95
12) 2-Chlorophenol	4.266	128	127421	22.59	ppm	95
13) Decane	4.298	43	134737	24.01	ppm	96
14) 1,3-Dichlorobenzene	4.362	146	139755	23.43	ppm	98
15) 1,4-Dichlorobenzene	4.405	146	140790	23.46	ppm	98
16) Benzyl alcohol	4.469	108	84512	22.00	ppm	94
17) 1,2-Dichlorobenzene	4.496	146	134048	23.26	ppm	100
18) Acetophenone	4.629	105	177947	23.01	ppm	99
19) 2-Methylphenol	4.533	108	112799	22.59	ppm	100
20) 2,2'-oxybis(1-Chloropr...	4.555	121	39919	23.10	ppm	92
21) 3&4-Methylphenol	4.624	108	237517	46.37	ppm	99
22) n-Nitroso-di-n-propyla...	4.629	70	86927	23.00	ppm	99
23) Hexachloroethane	4.699	201	46604	23.18	ppm	98
26) Nitrobenzene	4.731	77	133494	22.96	ppm	95
27) Quinoline	5.346	129	242425	23.14	ppm	99
28) Isophorone	4.870	82	237327	23.04	ppm	99
29) 2-Nitrophenol	4.918	139	64808	22.16	ppm #	57
30) 2,4-Dimethylphenol	4.929	107	128152	23.25	ppm	99

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9761.D
Acq On : 17 Dec 2024 06:26 pm
Operator : rocquans
Sample : ic420-25
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 20 09:23:26 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) Benzoic acid	4.977	105	96387	21.57	ppm		99
32) bis(2-Chloroethoxy)met...	4.988	93	155427	23.43	ppm		98
33) 2,4-Dichlorophenol	5.052	162	102135	22.54	ppm		96
34) 2,6-Dichlorophenol	5.180	162	101535	22.80	ppm		98
35) 1,3,5-Trichlorobenzene	4.924	180	113810	22.85	ppm		99
36) 1,2,4-Trichlorobenzene	5.105	180	108660	23.17	ppm		99
37) 1,2,3-Trichlorobenzene	5.234	180	107730	23.34	ppm		97
38) Naphthalene	5.154	128	369242	23.79	ppm		98
39) 4-Chloroaniline	5.175	127	155914	23.09	ppm		98
40) 2,3-Dichloroaniline	5.731	161	121004	23.65	ppm		97
41) Hydroquinone	5.346	110	75872	20.89	ppm		93
42) Hexachlorobutadiene	5.223	225	60132	23.64	ppm		99
43) 4-Chloro-3-methylphenol	5.448	107	104951	22.41	ppm		87
44) 2-Methylnaphthalene	5.560	141	220096	23.31	ppm		96
45) 1-Methylnaphthalene	5.624	141	210431	23.62	ppm		98
47) Hexachlorocyclopentadiene	5.662	237	120467	48.52	ppm		94
48) 1,2,4,5-tetrachloroben...	5.667	216	102070	23.41	ppm		98
49) 2,4,6-Trichlorophenol	5.731	196	73505	24.64	ppm		100
50) 2,4,5-Trichlorophenol	5.753	196	74629	23.06	ppm		96
52) 2-Chloronaphthalene	5.870	162	223477	23.89	ppm		98
53) Biphenyl	5.854	154	295182	24.64	ppm		98
54) 2-Nitroaniline	5.924	65	68579	23.00	ppm		96
55) Dimethylphthalate	6.042	163	265955	24.29	ppm		100
56) Acenaphthylene	6.148	152	325721	23.96	ppm		100
57) 2,6-Dinitrotoluene	6.084	165	54516	22.67	ppm		99
58) 3-Nitroaniline	6.202	138	67152	23.81	ppm		95
59) Acenaphthene	6.271	153	233887	23.92	ppm		93
60) 2,4-Dinitrophenol	6.271	184	49052	36.83	ppm	#	60
61) 4-Nitrophenol	6.293	109	35619	22.77	ppm		91
62) Dibenzofuran	6.395	168	317639	24.29	ppm		97
63) 2,4-Dinitrotoluene	6.362	165	77467	23.42	ppm		83
64) 2,3,4,6-Tetrachlorophenol	6.475	232	57724	23.03	ppm		92
65) Diethylphthalate	6.544	149	268513	23.63	ppm		98
66) Fluorene	6.646	166	252969	24.28	ppm		99
67) 4-Chlorophenyl-phenyle...	6.641	204	113795	23.96	ppm		99
68) 4-Nitroaniline	6.646	138	68190	23.14	ppm		97
70) 4,6-Dinitro-2-methylph...	6.667	198	34620	19.79	ppm		84
71) n-Nitrosodiphenylamine	6.726	169	214202	23.36	ppm		99
72) 1,2-Diphenylhydrazine	6.764	77	261905	23.65	ppm		99
73) pentachloronitrobenzene	7.250	295	10946	22.59	ppm		100
75) 4-Bromophenyl-phenylether	7.026	248	62633	23.58	ppm		97
76) Hexachlorobenzene	7.079	284	65698	23.48	ppm		97
77) Pentachlorophenol	7.234	266	93329	45.32	ppm		99
78) Phenanthrene	7.427	178	364955	23.97	ppm		99
79) Anthracene	7.470	178	366233	23.85	ppm		99
80) Carbazole	7.598	167	348860	23.41	ppm		99
81) Di-n-butylphthalate	7.919	149	454594	23.03	ppm		100
82) Fluoranthene	8.491	202	372225	22.65	ppm		100
83) Octadecane	7.309	57	215408	23.76	ppm		98
85) benzidine	8.614	184	200864	22.72	ppm		99
86) Pyrene	8.705	202	392763	24.98	ppm		99
88) Butylbenzylphthalate	9.336	149	192795	23.20	ppm		99
89) Benzo[a]anthracene	9.855	228	350292	24.10	ppm		97
90) 3,3'-Dichlorobenzidine	9.828	252	129593	22.90	ppm		99
91) Chrysene	9.887	228	325388	23.87	ppm		98
92) bis(2-Ethylhexyl)phtha...	9.909	149	292354	23.74	ppm		99
94) Di-n-octylphthalate	10.513	149	495670	22.96	ppm		97

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9761.D
Acq On : 17 Dec 2024 06:26 pm
Operator : rocquans
Sample : ic420-25
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 20 09:23:26 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

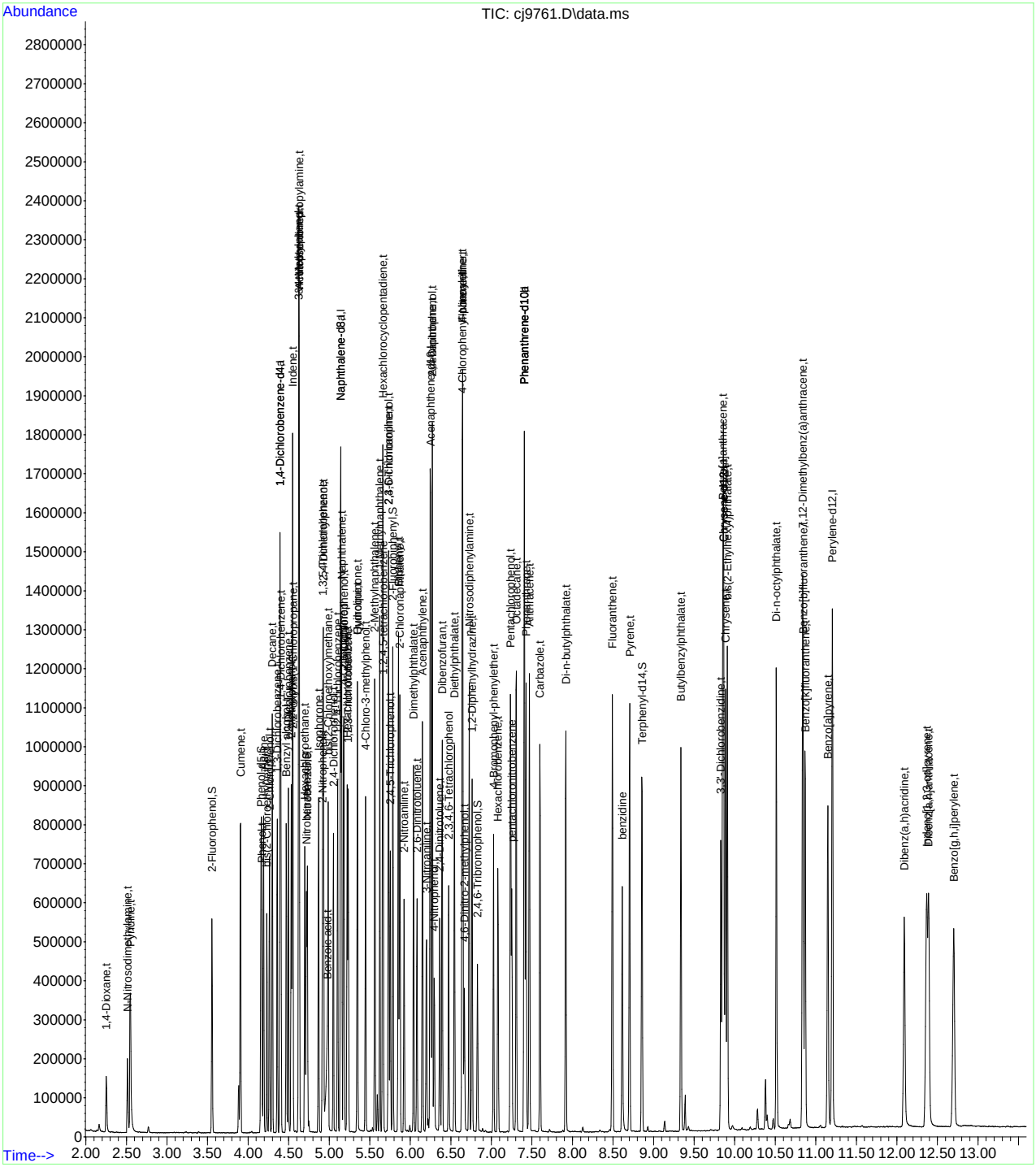
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Benzo[b]fluoranthene	10.845	252	339036	23.61	ppm	97
96) Benzo[k]fluoranthene	10.871	252	329529	24.95	ppm	96
97) Benzo[a]pyrene	11.150	252	289772	23.77	ppm	99
98) Indeno[1,2,3-cd]pyrene	12.369	276	363207	23.33	ppm	96
99) Dibenz(a,h)acridine	12.091	279	246433	23.24	ppm	100
100) Dibenz[a,h]anthracene	12.390	278	293915	23.83	ppm	97
101) 7,12-Dimethylbenz(a)an...	10.839	256	102669	21.08	ppm	95
102) Benzo[g,h,i]perylene	12.701	276	273368	23.16	ppm	98

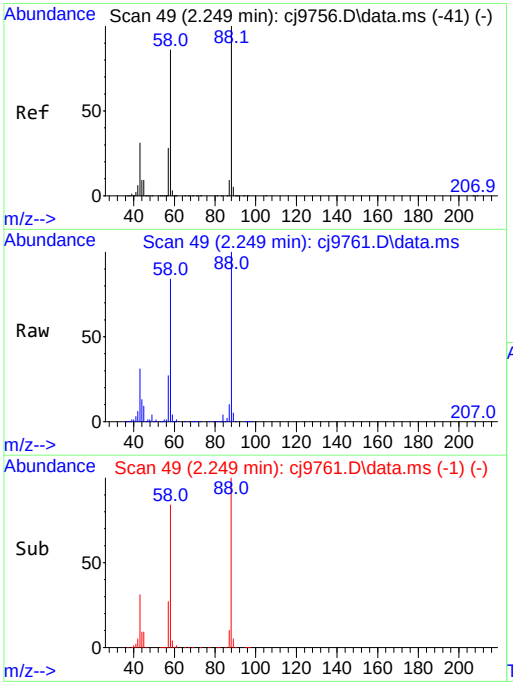
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9761.D
Acq On : 17 Dec 2024 06:26 pm
Operator : rocquans
Sample : ic420-25
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 20 09:23:26 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

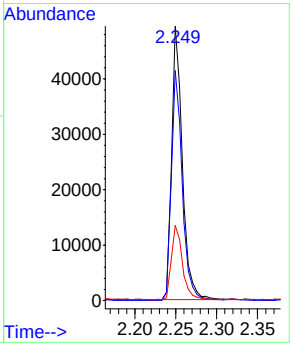


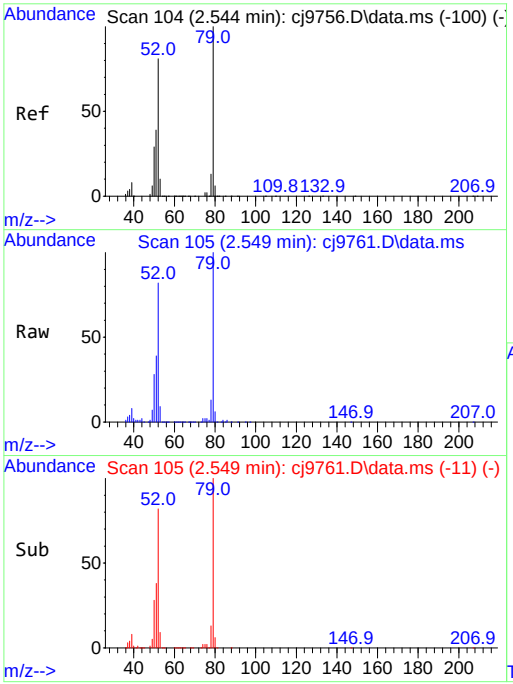


#2
1,4-Dioxane
Concen: 24.77 ppm
RT: 2.249 min Scan# 49
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 88 Resp: 45161

Ion	Ratio	Lower	Upper
88	100		
58	83.8	56.0	116.0
57	27.0	0.0	57.8

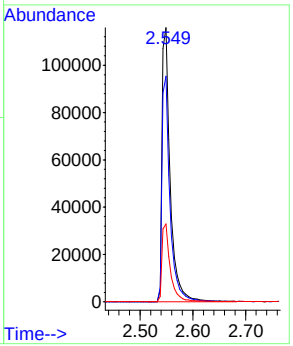


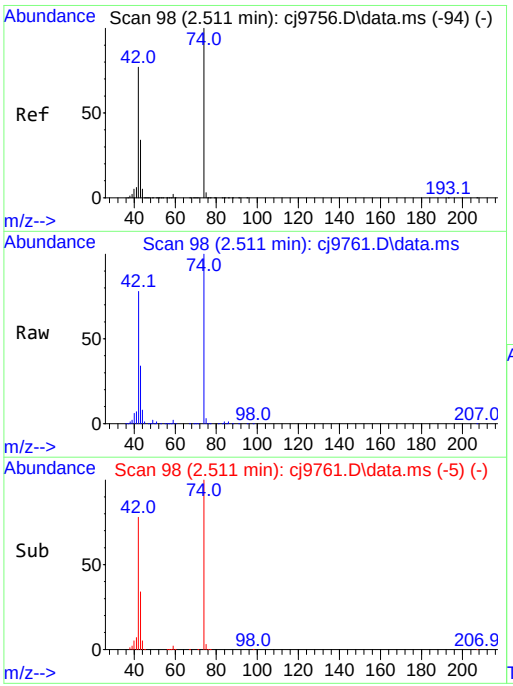


#3
Pyridine
Concen: 23.94 ppm
RT: 2.549 min Scan# 105
Delta R.T. 0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 79 Resp: 124852

Ion	Ratio	Lower	Upper
79	100		
52	82.3	51.1	111.1
50	28.3	0.0	59.1

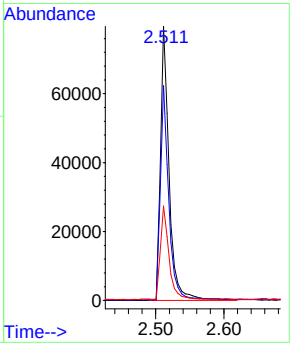


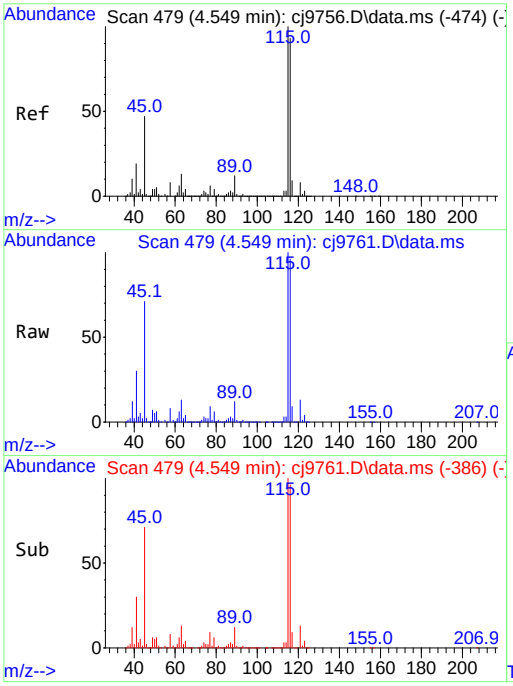


#4
N-Nitrosodimethylamine
Concen: 22.41 ppm
RT: 2.511 min Scan# 98
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 74 Resp: 69647

Ion	Ratio	Lower	Upper
74	100		
42	78.0	47.1	107.1
43	34.0	3.8	63.8

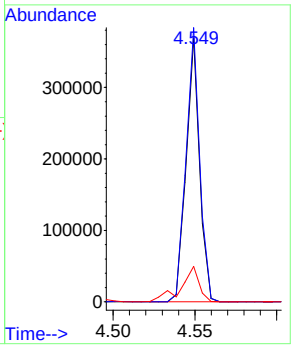


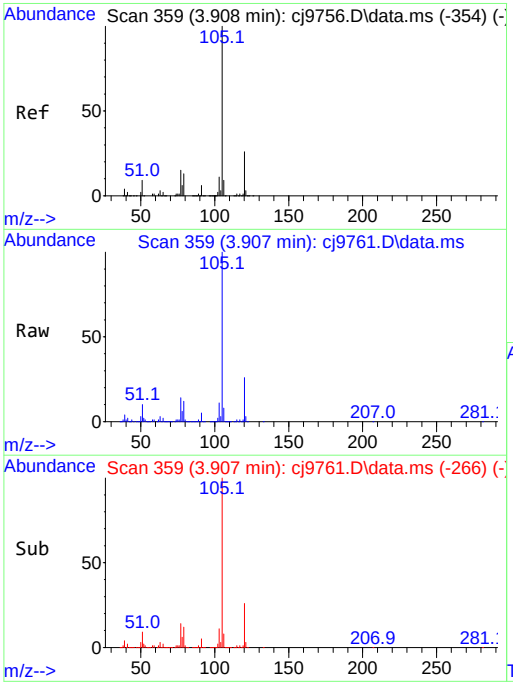


#6
Indene
Concen: 23.50 ppm
RT: 4.549 min Scan# 479
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:116 Resp: 212364

Ion	Ratio	Lower	Upper
116	100		
115	103.9	77.6	137.6
63	13.3	0.0	44.5

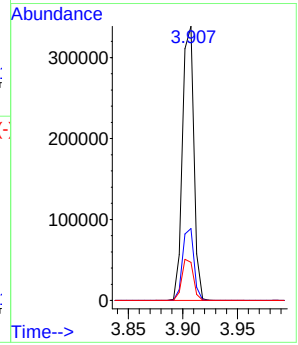


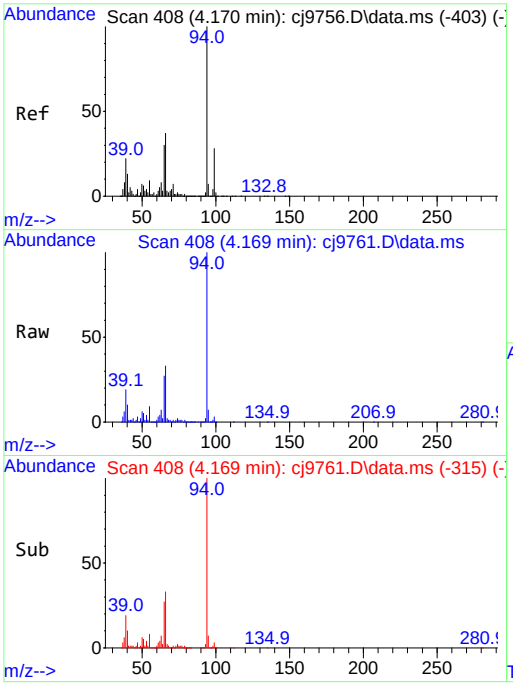


#7
Cumene
Concen: 23.80 ppm
RT: 3.907 min Scan# 359
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:105 Resp: 246602

Ion	Ratio	Lower	Upper
105	100		
120	26.3	0.0	56.3
77	13.9	0.0	44.5

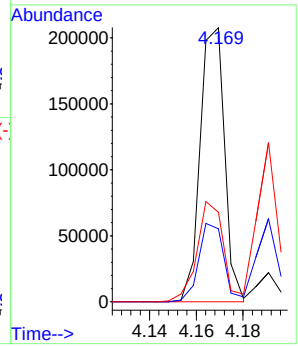


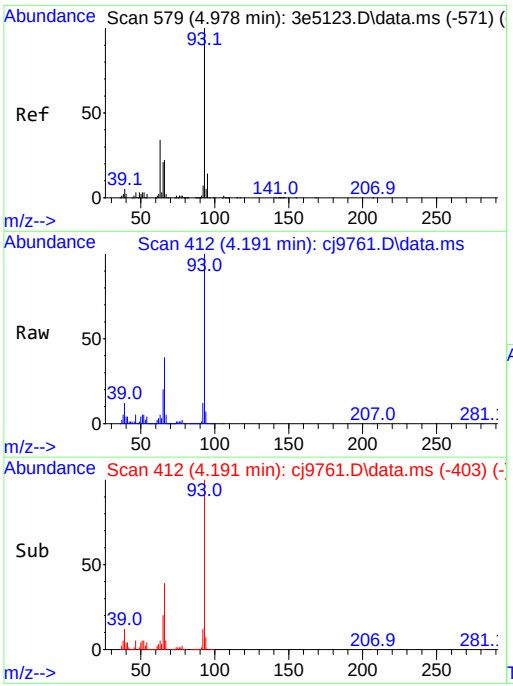


#9
Phenol
Concen: 22.00 ppm
RT: 4.169 min Scan# 408
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 94 Resp: 150403

Ion	Ratio	Lower	Upper
94	100		
65	25.9	0.0	55.8
66	31.5	0.0	59.9

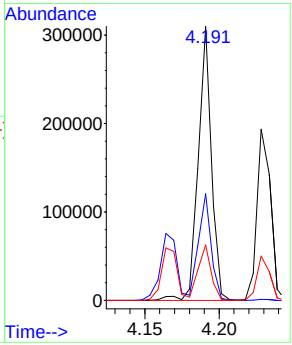


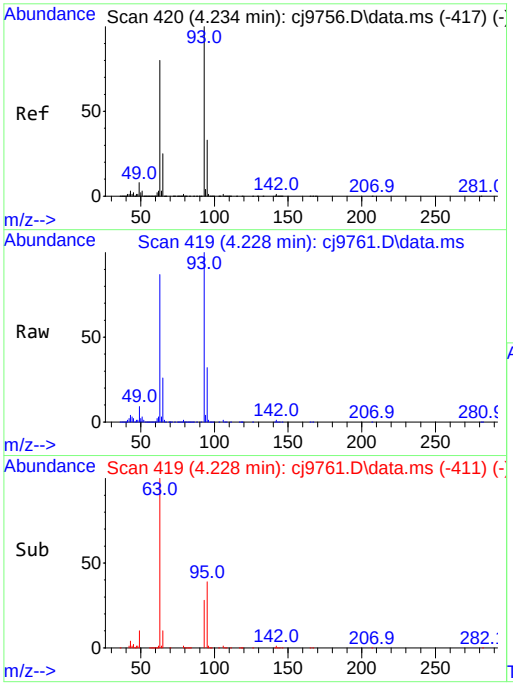


#10
Aniline
Concen: 22.80 ppm
RT: 4.191 min Scan# 412
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 93 Resp: 191729

Ion	Ratio	Lower	Upper
93	100		
66	37.9	8.9	68.9
65	20.0	0.0	50.8

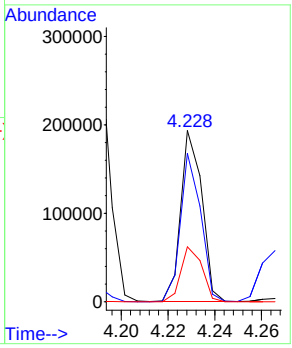


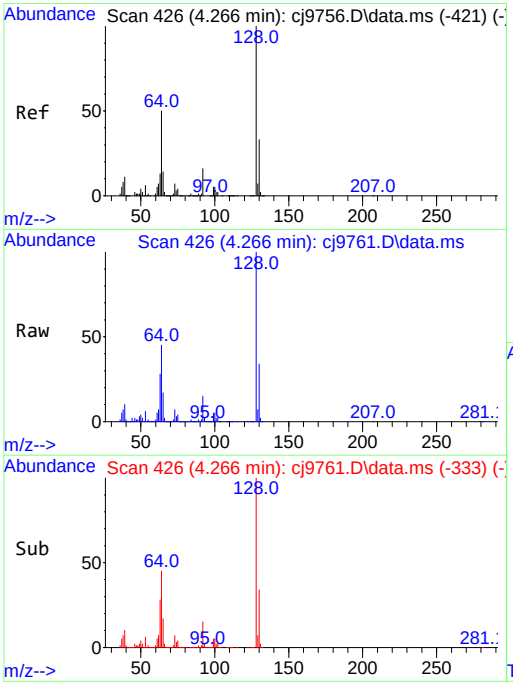


#11
bis(2-Chloroethyl)ether
Concen: 22.43 ppm
RT: 4.228 min Scan# 419
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 93 Resp: 121389

Ion	Ratio	Lower	Upper
93	100		
63	86.7	50.4	110.4
95	32.3	2.9	62.9

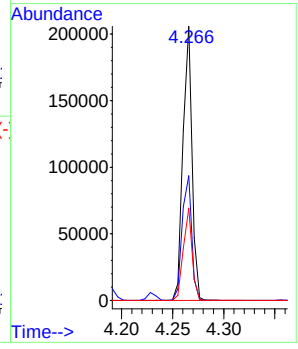


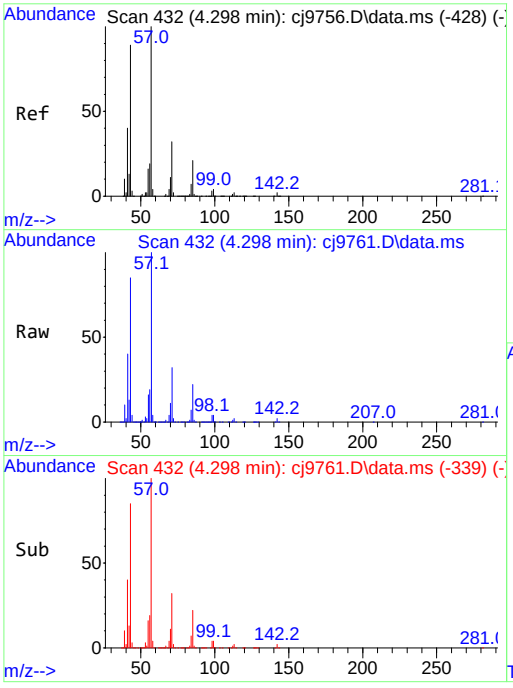


#12
2-Chlorophenol
Concen: 22.59 ppm
RT: 4.266 min Scan# 426
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:128 Resp: 127421

Ion	Ratio	Lower	Upper
128	100		
64	44.6	19.8	79.8
130	33.7	2.6	62.6

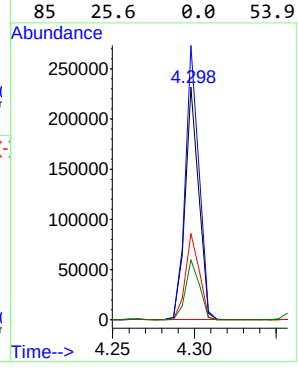


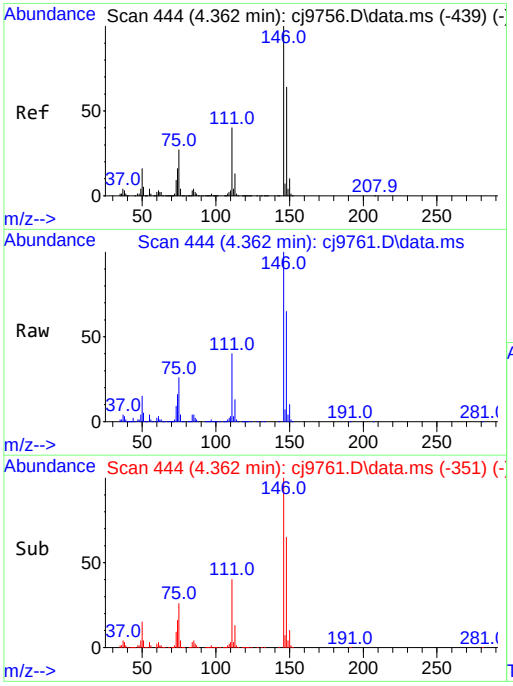


#13
Decane
Concen: 24.01 ppm
RT: 4.298 min Scan# 432
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 43 Resp: 134737

Ion	Ratio	Lower	Upper
43	100		
57	118.0	82.4	142.4
71	37.2	5.6	65.6
85	25.6	0.0	53.9

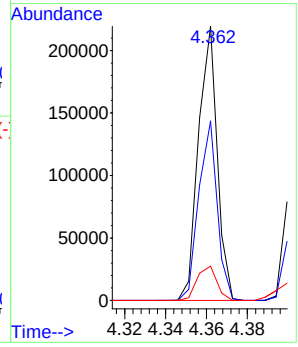


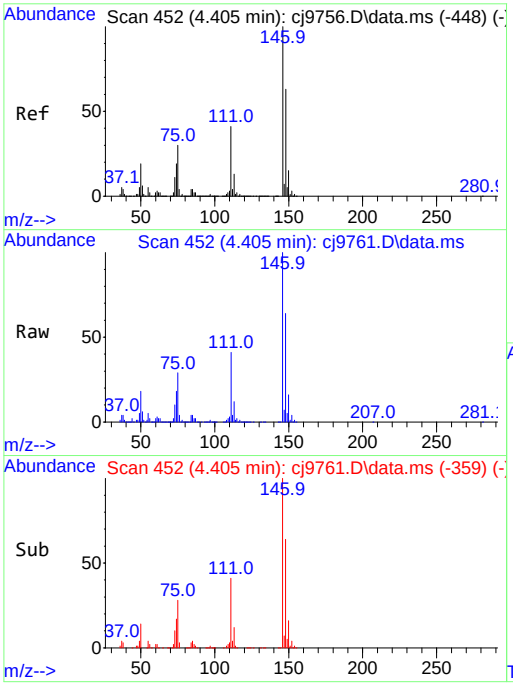


#14
1,3-Dichlorobenzene
Concen: 23.43 ppm
RT: 4.362 min Scan# 444
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:146 Resp: 139755

Ion	Ratio	Lower	Upper
146	100		
148	65.5	33.8	93.8
113	12.6	0.0	43.0

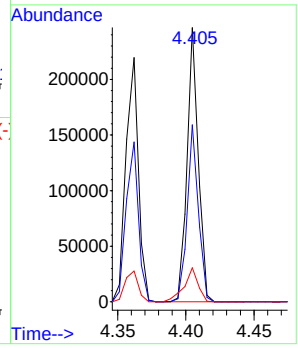


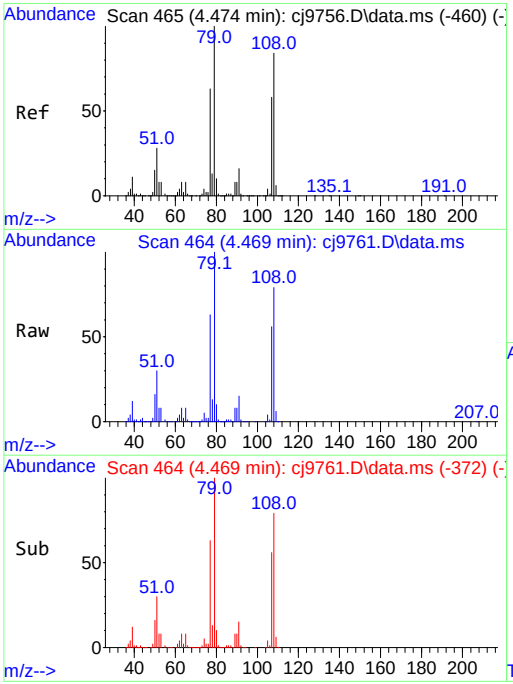


#15
1,4-Dichlorobenzene
Concen: 23.46 ppm
RT: 4.405 min Scan# 452
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:146 Resp: 140790

Ion	Ratio	Lower	Upper
146	100		
148	64.5	33.3	93.3
113	12.5	0.0	43.2

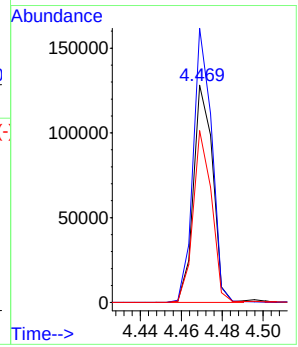


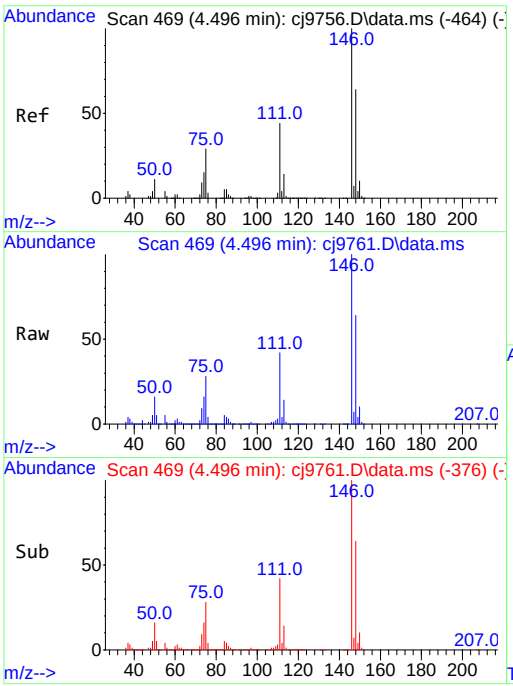


#16
Benzyl alcohol
Concen: 22.00 ppm
RT: 4.469 min Scan# 464
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:108 Resp: 84512

Ion	Ratio	Lower	Upper
108	100		
79	126.5	88.4	148.4
77	79.1	45.1	105.1

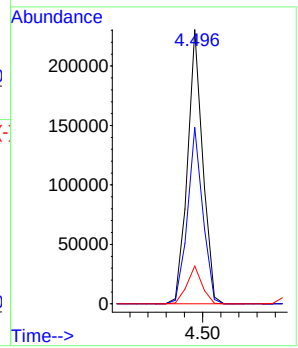


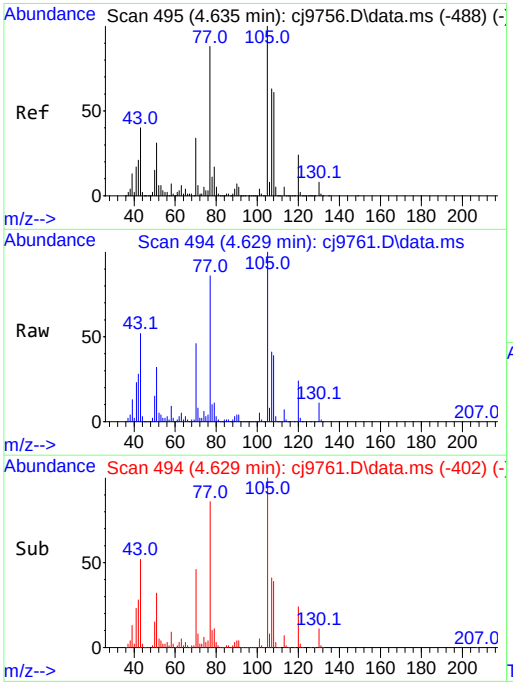


#17
1,2-Dichlorobenzene
Concen: 23.26 ppm
RT: 4.496 min Scan# 469
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:146 Resp: 134048

Ion	Ratio	Lower	Upper
146	100		
148	64.3	34.0	94.0
113	13.8	0.0	43.9

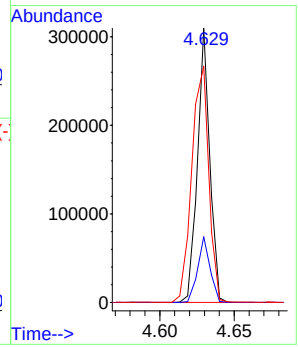


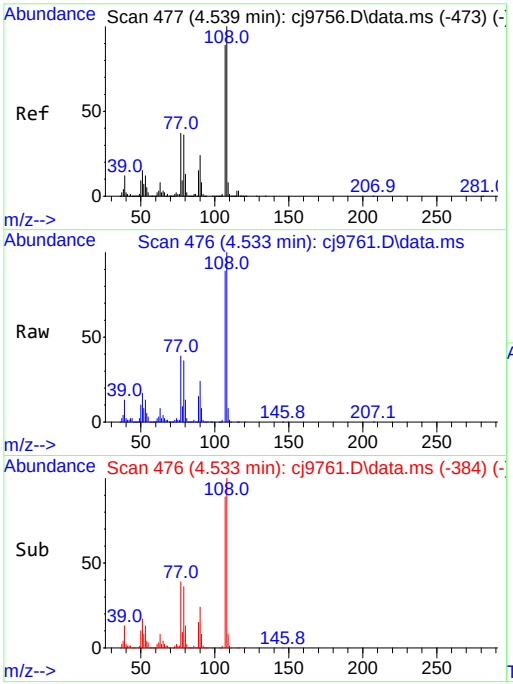


#18
Acetophenone
Concen: 23.01 ppm
RT: 4.629 min Scan# 494
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:105 Resp: 177947

Ion	Ratio	Lower	Upper
105	100		
120	23.9	0.0	54.0
77	86.1	57.6	117.6

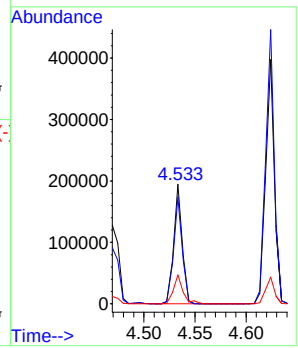


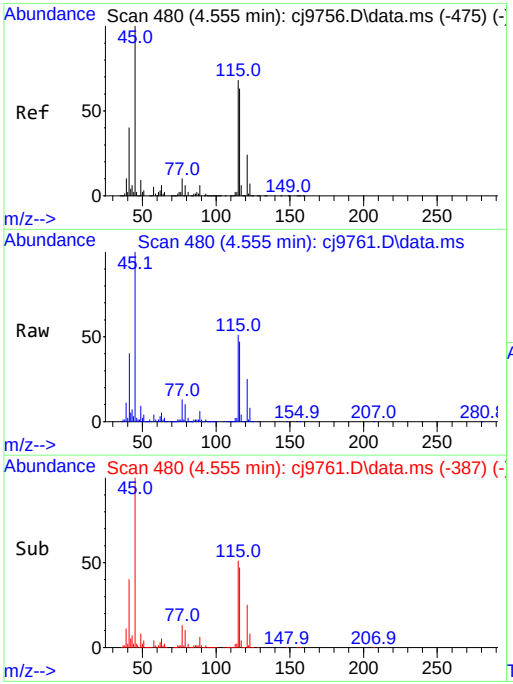


#19
2-Methylphenol
Concen: 22.59 ppm
RT: 4.533 min Scan# 476
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:108 Resp: 112799

Ion	Ratio	Lower	Upper
108	100		
107	89.3	59.5	119.5
90	24.2	0.0	53.5

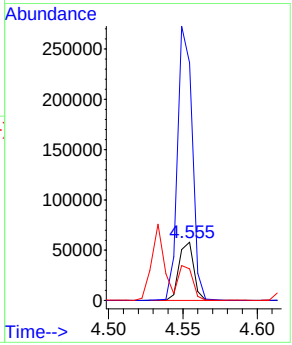


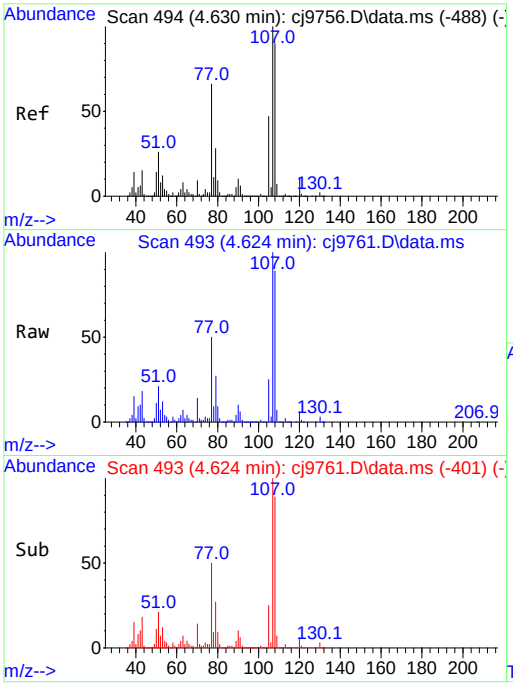


#20
2,2'-oxybis(1-Chloropropane
Concen: 23.10 ppm
RT: 4.555 min Scan# 480
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:121 Resp: 39919

Ion	Ratio	Lower	Upper
121	100		
45	407.7	389.8	449.8
77	28.4	18.9	78.9

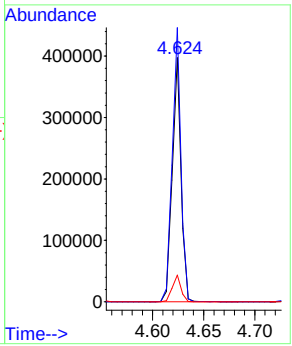


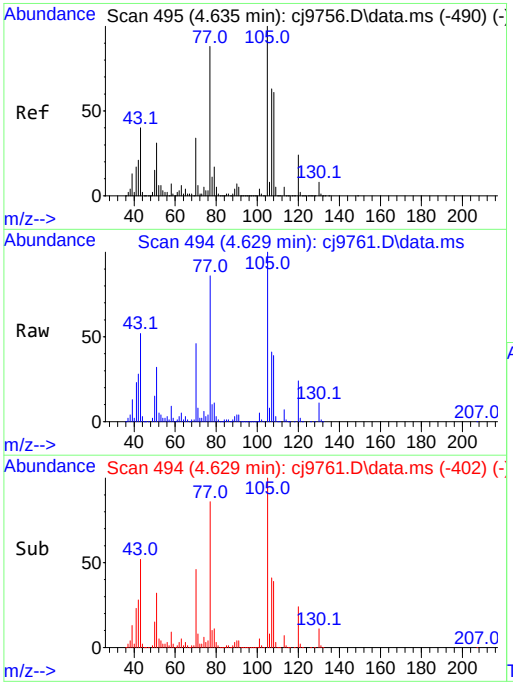


#21
3&4-Methylphenol
Concen: 46.37 ppm
RT: 4.624 min Scan# 493
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:108 Resp: 237517

Ion	Ratio	Lower	Upper
108	100		
107	112.3	81.2	141.2
90	11.0	0.0	41.3

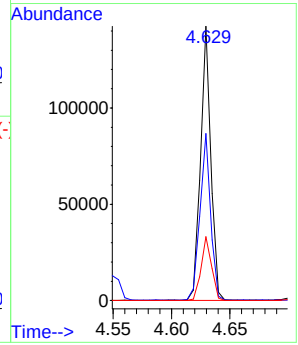


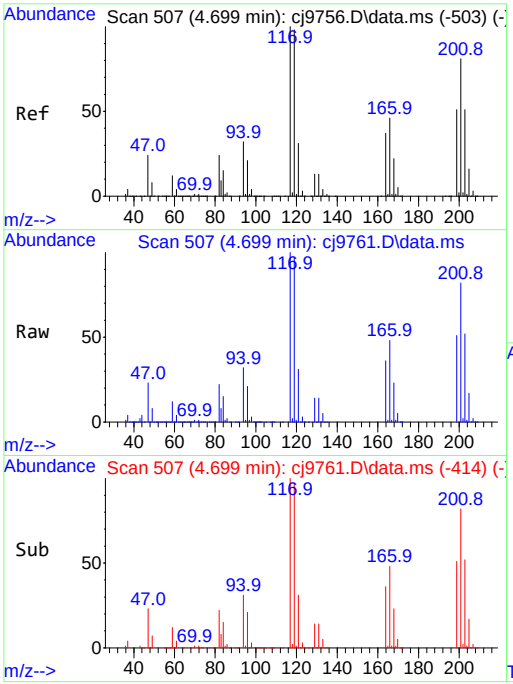


#22
n-Nitroso-di-n-propylamine
Concen: 23.00 ppm
RT: 4.629 min Scan# 494
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 70 Resp: 86927

Ion	Ratio	Lower	Upper
70	100		
42	60.7	31.2	91.2
130	23.3	0.0	52.5

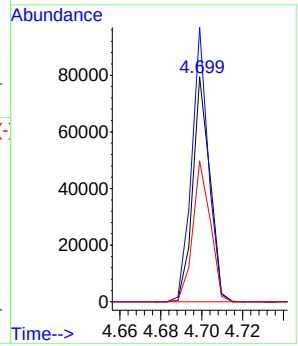


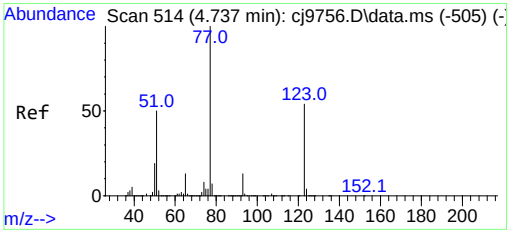


#23
Hexachloroethane
Concen: 23.18 ppm
RT: 4.699 min Scan# 507
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:201 Resp: 46604

Ion	Ratio	Lower	Upper
201	100		
117	121.9	94.0	154.0
199	62.6	33.7	93.7

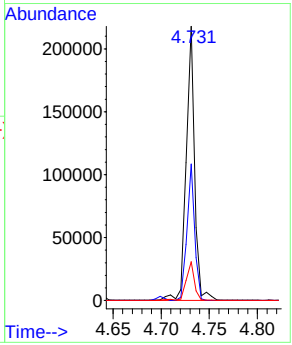


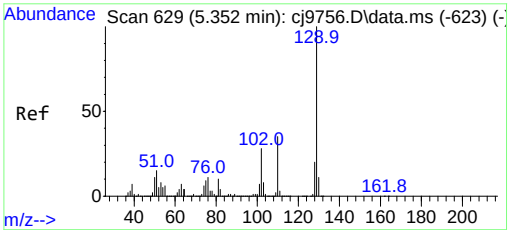


#26
Nitrobenzene
Concen: 22.96 ppm
RT: 4.731 min Scan# 513
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 77 Resp: 133494

Ion	Ratio	Lower	Upper
77	100		
123	49.7	23.6	83.6
65	14.1	0.0	43.4

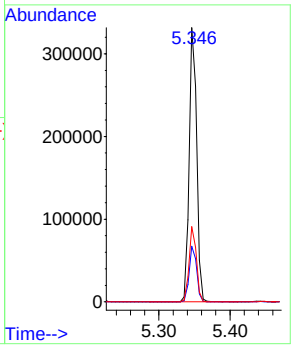


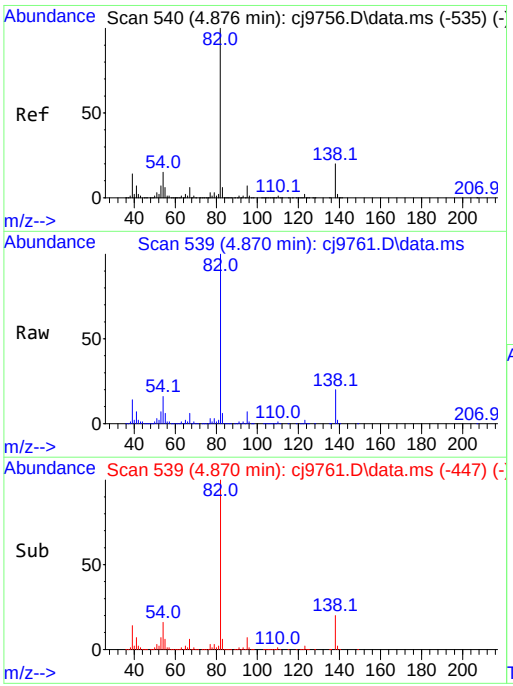


#27
Quinoline
Concen: 23.14 ppm
RT: 5.346 min Scan# 628
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:129 Resp: 242425

Ion	Ratio	Lower	Upper
129	100		
128	20.2	0.0	49.9
102	27.4	0.0	58.1

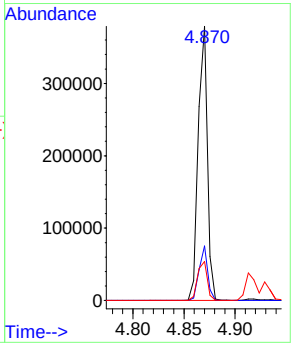


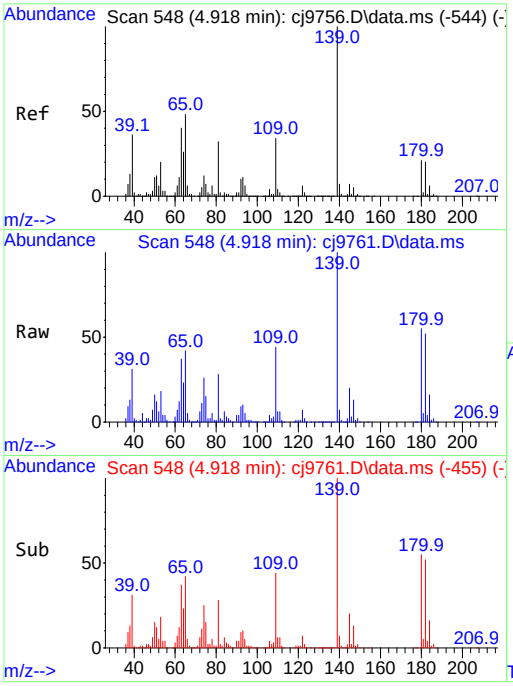


#28
Isophorone
Concen: 23.04 ppm
RT: 4.870 min Scan# 539
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 82 Resp: 237327

Ion	Ratio	Lower	Upper
82	100		
138	19.9	0.0	50.3
39	14.2	0.0	44.0

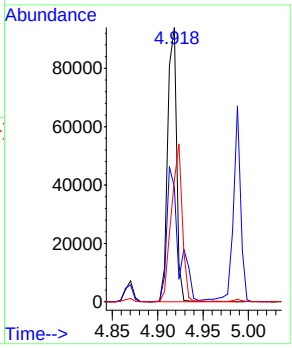


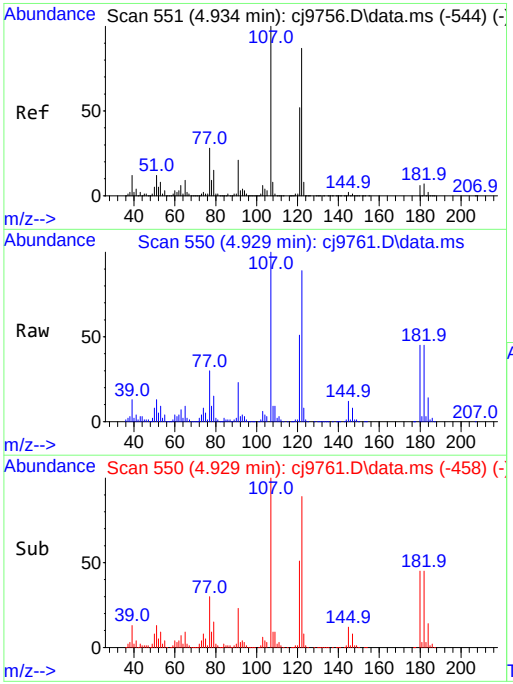


#29
2-Nitrophenol
Concen: 22.16 ppm
RT: 4.918 min Scan# 548
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:139 Resp: 64808

Ion	Ratio	Lower	Upper
139	100		
65	6.2	17.5	77.5#
109	43.7	3.8	63.8

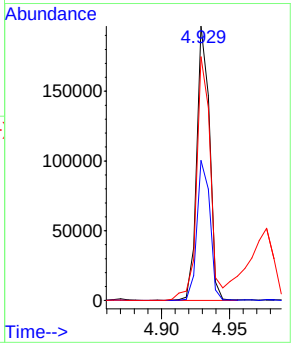


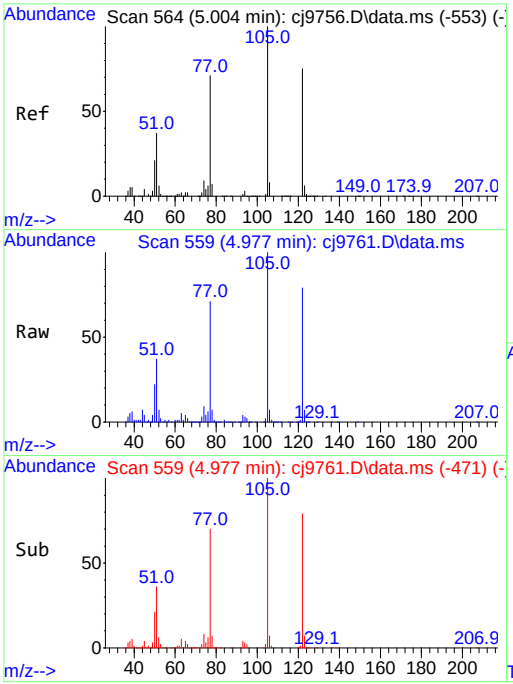


#30
2,4-Dimethylphenol
Concen: 23.25 ppm
RT: 4.929 min Scan# 550
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:107 Resp: 128152

Ion	Ratio	Lower	Upper
107	100		
121	51.0	21.7	81.7
122	84.5	53.4	113.4

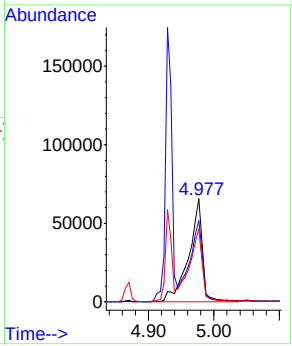


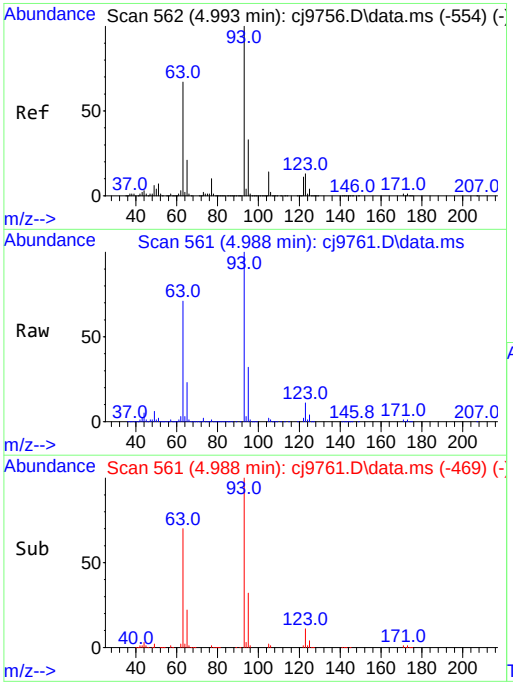


#31
Benzoic acid
Concen: 21.57 ppm
RT: 4.977 min Scan# 559
Delta R.T. -0.027 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:105 Resp: 96387

Ion	Ratio	Lower	Upper
105	100		
122	78.9	48.8	108.8
77	70.4	42.1	102.1

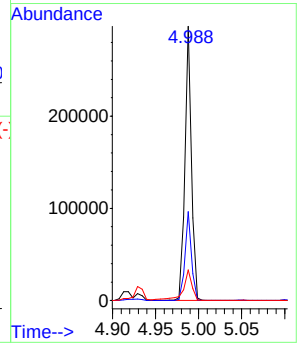


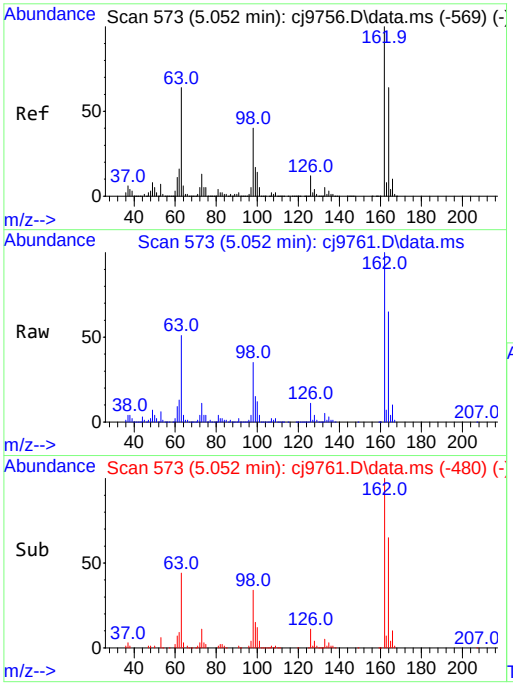


#32
bis(2-Chloroethoxy)methane
Concen: 23.43 ppm
RT: 4.988 min Scan# 561
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 93 Resp: 155427

Ion	Ratio	Lower	Upper
93	100		
95	32.3	3.0	63.0
123	10.9	0.0	43.0

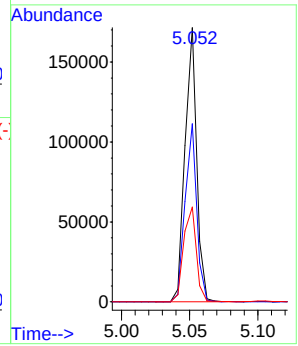


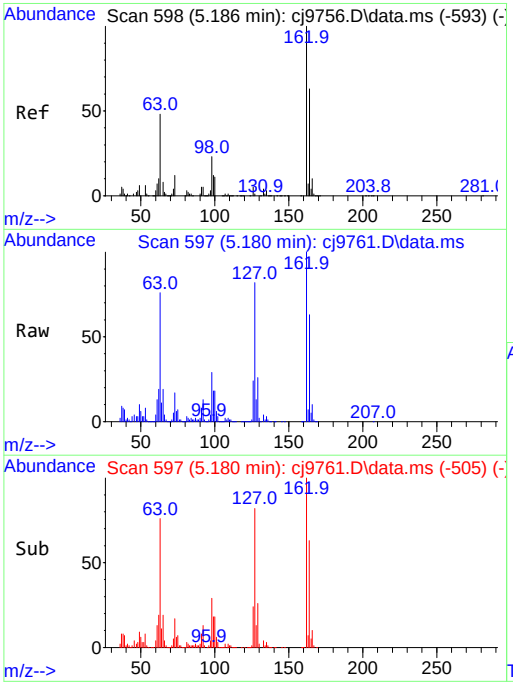


#33
2,4-Dichlorophenol
Concen: 22.54 ppm
RT: 5.052 min Scan# 573
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:162 Resp: 102135

Ion	Ratio	Lower	Upper
162	100		
164	64.9	34.2	94.2
98	34.5	9.7	69.7

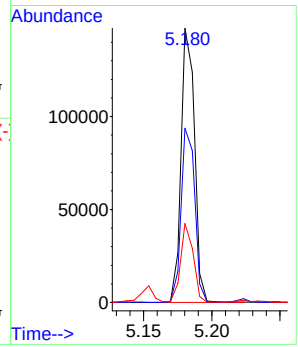


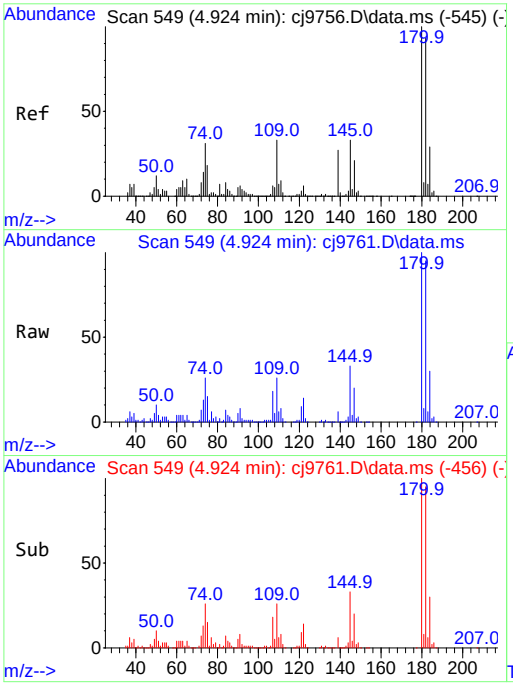


#34
2,6-Dichlorophenol
Concen: 22.80 ppm
RT: 5.180 min Scan# 597
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:162 Resp: 101535

Ion	Ratio	Lower	Upper
162	100		
164	62.8	33.4	93.4
98	27.6	0.0	54.6

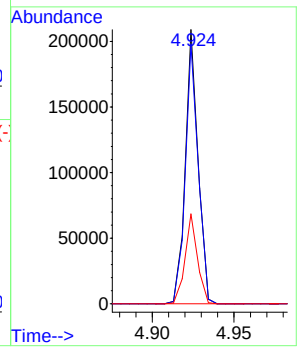


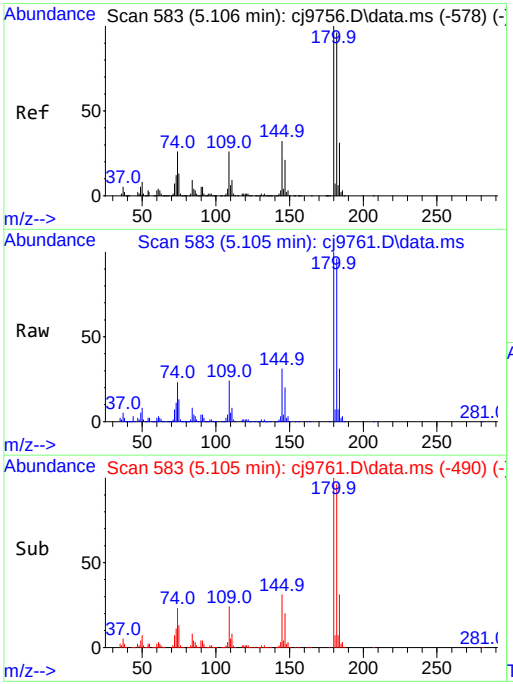


#35
1,3,5-Trichlorobenzene
Concen: 22.85 ppm
RT: 4.924 min Scan# 549
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:180 Resp: 113810

Ion	Ratio	Lower	Upper
180	100		
182	94.8	63.0	123.0
145	32.8	3.0	63.0

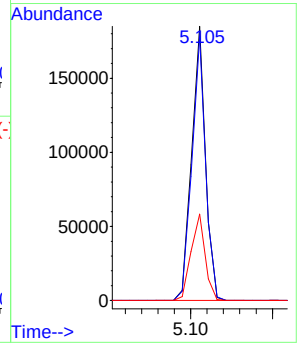


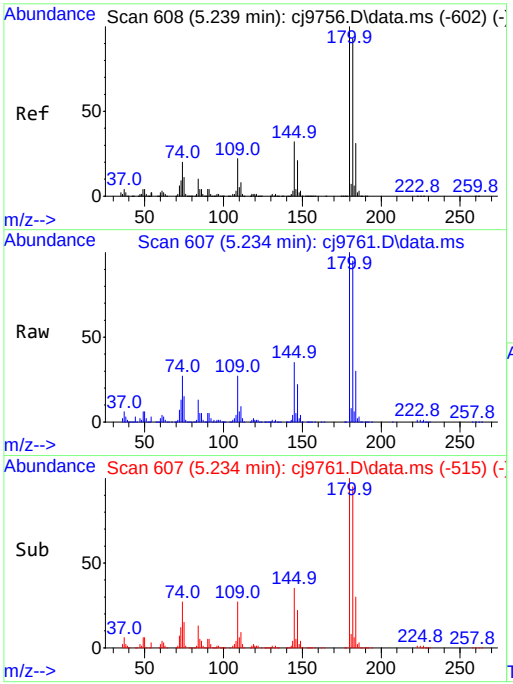


#36
1,2,4-Trichlorobenzene
Concen: 23.17 ppm
RT: 5.105 min Scan# 583
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:180 Resp: 108660

Ion	Ratio	Lower	Upper
180	100		
182	96.2	66.0	126.0
145	31.5	2.4	62.4

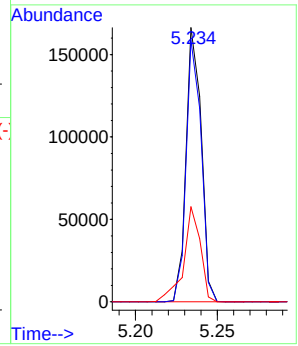


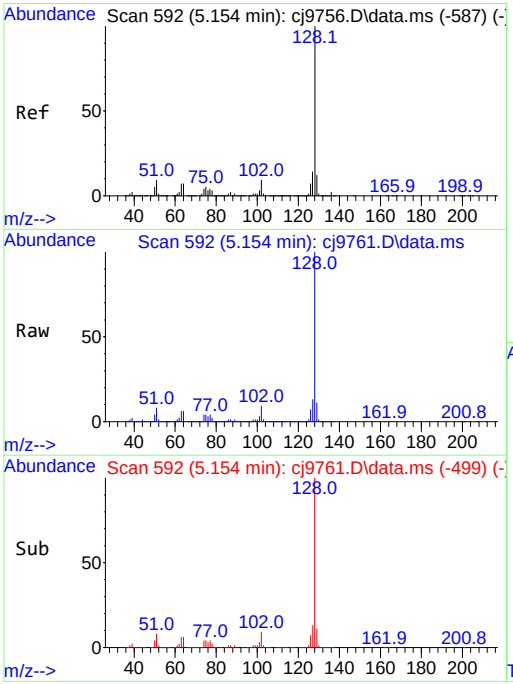


#37
1,2,3-Trichlorobenzene
Concen: 23.34 ppm
RT: 5.234 min Scan# 607
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:180 Resp: 107730

Ion	Ratio	Lower	Upper
180	100		
182	95.3	62.6	122.6
145	34.6	2.2	62.2

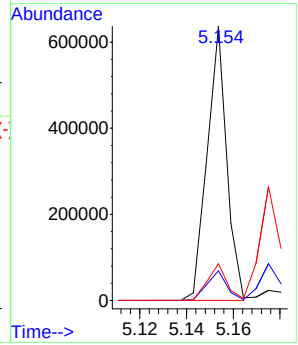


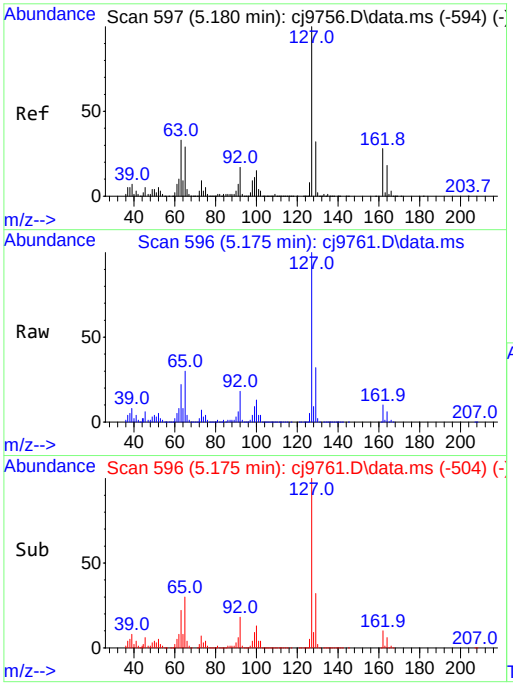


#38
Naphthalene
Concen: 23.79 ppm
RT: 5.154 min Scan# 592
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:128 Resp: 369242

Ion	Ratio	Lower	Upper
128	100		
129	10.8	0.0	41.0
127	13.1	0.0	42.0

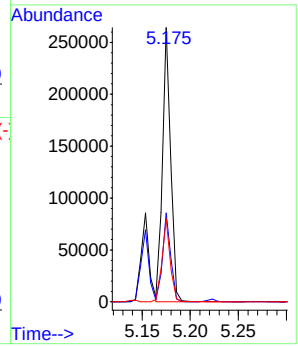


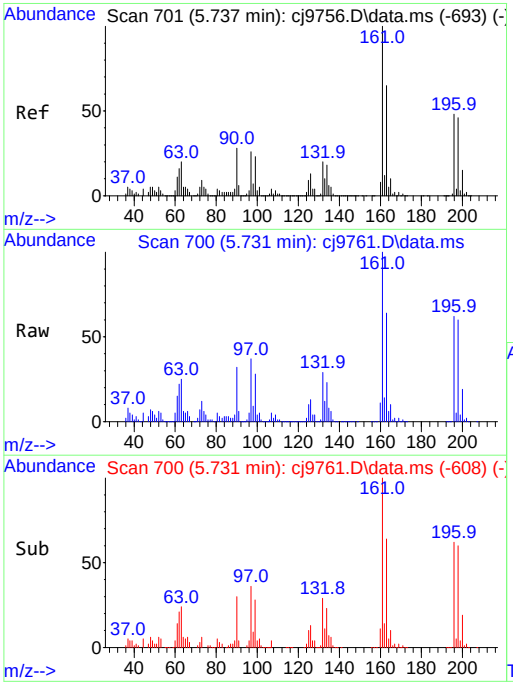


#39
4-Chloroaniline
Concen: 23.09 ppm
RT: 5.175 min Scan# 596
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:127 Resp: 155914

Ion	Ratio	Lower	Upper
127	100		
129	32.3	1.9	61.9
65	30.0	0.0	58.3

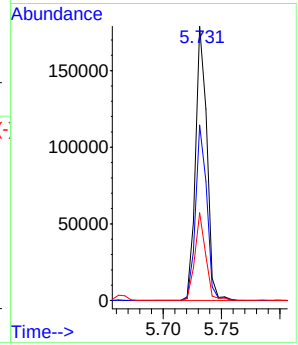


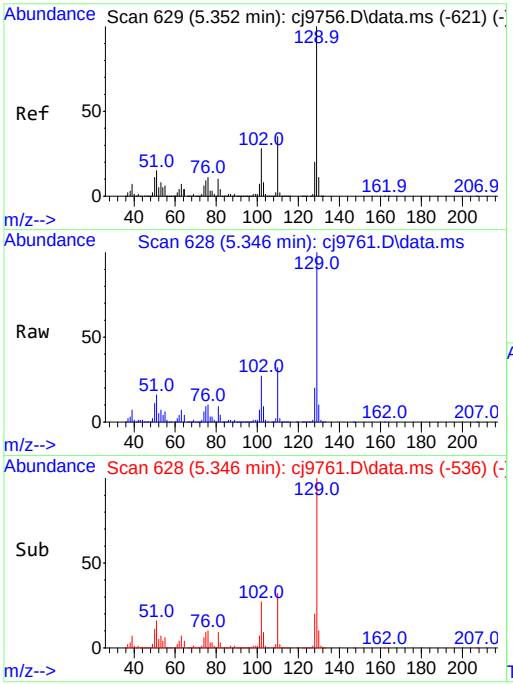


#40
2,3-Dichloroaniline
Concen: 23.65 ppm
RT: 5.731 min Scan# 700
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:161 Resp: 121004

Ion	Ratio	Lower	Upper
161	100		
163	63.9	34.9	94.9
90	32.0	0.0	57.9

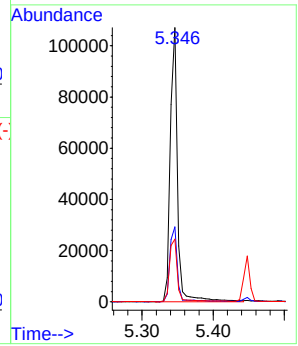


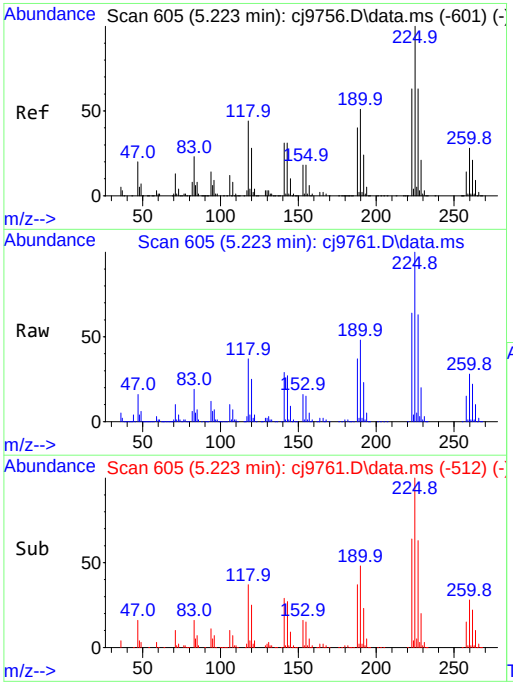


#41
Hydroquinone
Concen: 20.89 ppm
RT: 5.346 min Scan# 628
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:110 Resp: 75872

Ion	Ratio	Lower	Upper
110	100		
81	26.8	0.0	58.8
53	18.6	0.0	53.6

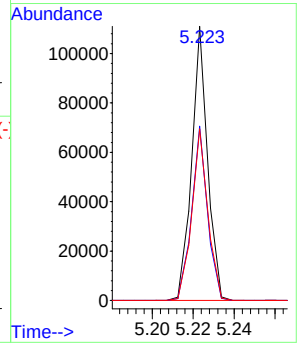


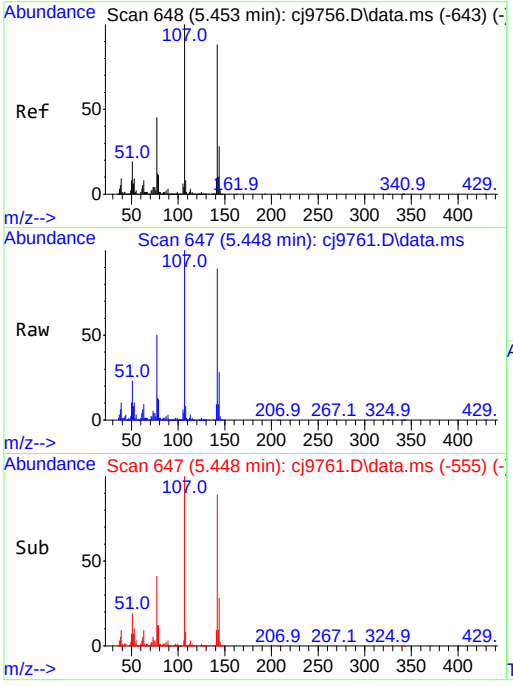


#42
Hexachlorobutadiene
Concen: 23.64 ppm
RT: 5.223 min Scan# 605
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:225 Resp: 60132

Ion	Ratio	Lower	Upper
225	100		
223	63.5	33.2	93.2
227	62.5	33.2	93.2

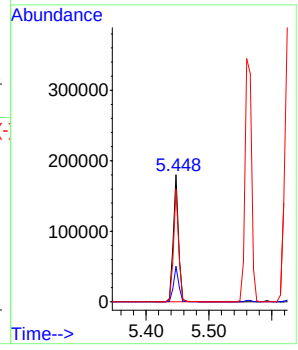


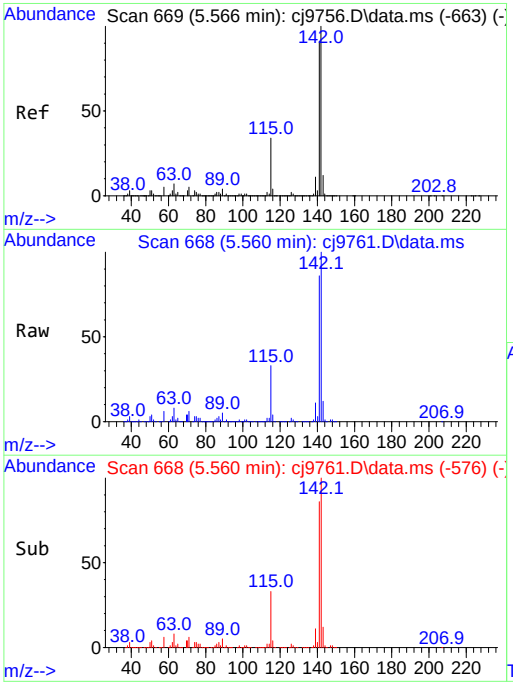


#43
4-Chloro-3-methylphenol
Concen: 22.41 ppm
RT: 5.448 min Scan# 647
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:107 Resp: 104951

Ion	Ratio	Lower	Upper
107	100		
144	27.8	0.0	58.3
142	72.8	58.1	118.1

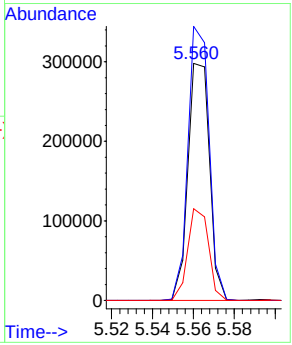


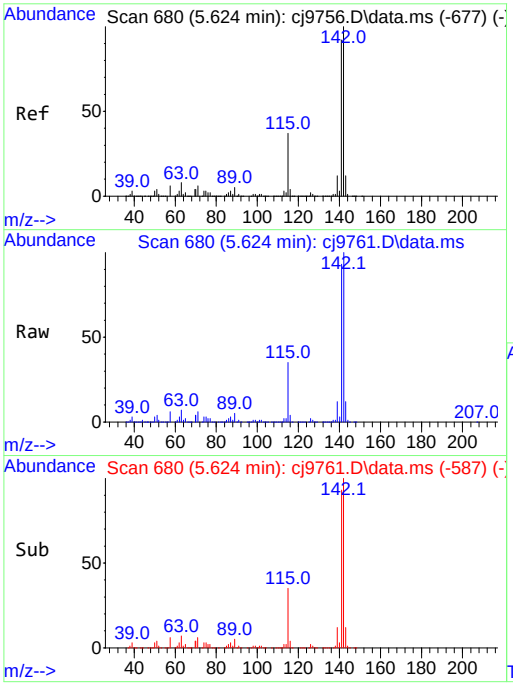


#44
2-Methylnaphthalene
Concen: 23.31 ppm
RT: 5.560 min Scan# 668
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:141 Resp: 220096

Ion	Ratio	Lower	Upper
141	100		
142	115.6	80.2	140.2
115	38.6	7.4	67.4

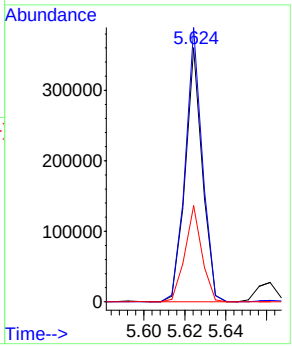


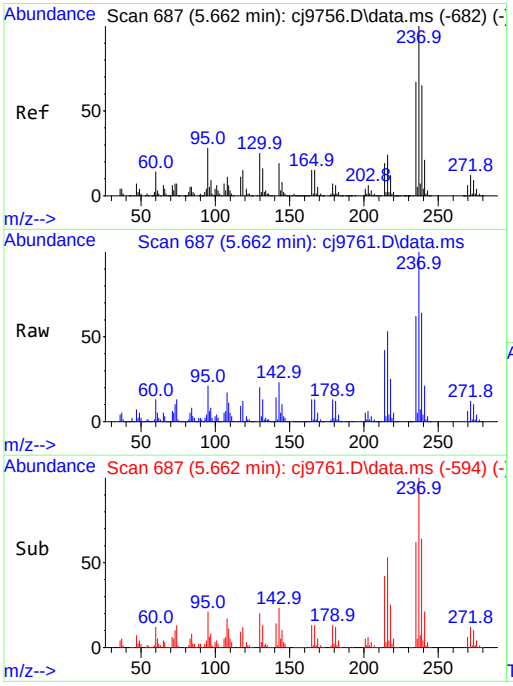


#45
1-Methylnaphthalene
Concen: 23.62 ppm
RT: 5.624 min Scan# 680
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:141 Resp: 210431

Ion	Ratio	Lower	Upper
141	100		
142	108.0	79.3	139.3
115	37.9	10.2	70.2

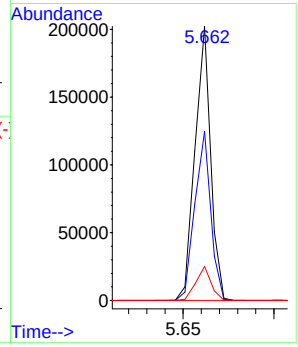


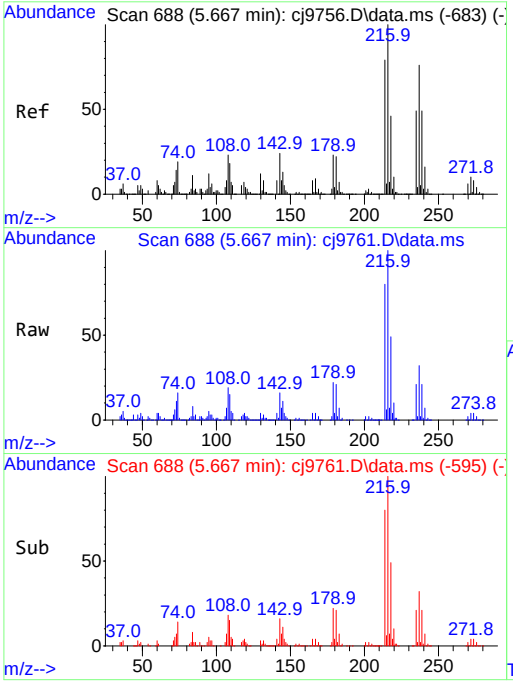


#47
Hexachlorocyclopentadiene
Concen: 48.52 ppm
RT: 5.662 min Scan# 687
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:237 Resp: 120467

Ion	Ratio	Lower	Upper
237	100		
235	61.7	37.2	97.2
272	12.5	0.0	41.7

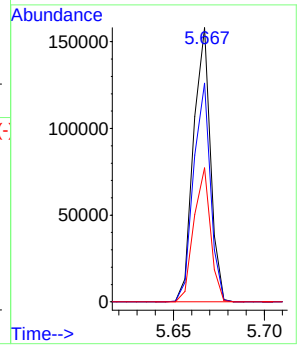


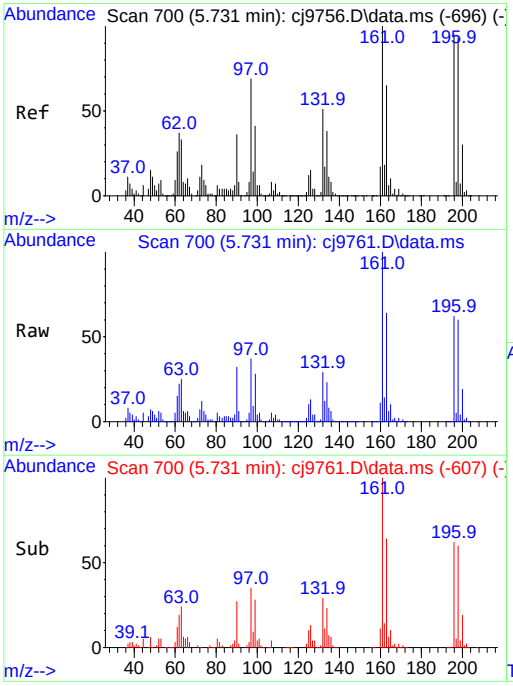


#48
1,2,4,5-tetrachlorobenzene
Concen: 23.41 ppm
RT: 5.667 min Scan# 688
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:216 Resp: 102070

Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.8	94.2
218	48.1	37.3	55.9

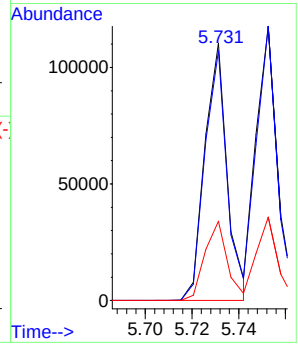


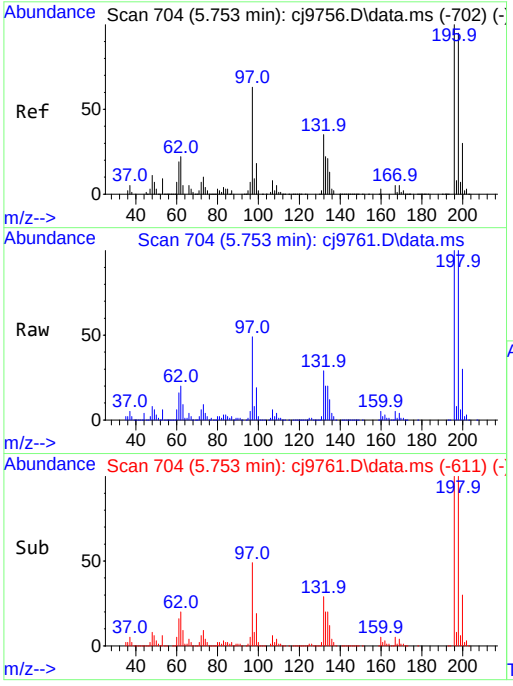


#49
2,4,6-Trichlorophenol
Concen: 24.64 ppm
RT: 5.731 min Scan# 700
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:196 Resp: 73505

Ion	Ratio	Lower	Upper
196	100		
198	97.0	67.2	127.2
200	30.8	0.8	60.8

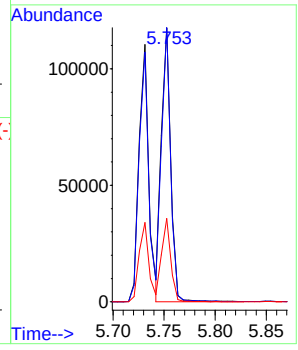


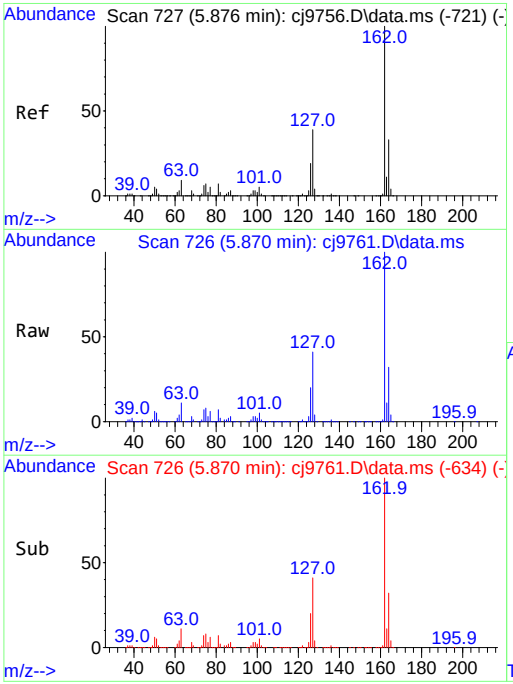


#50
2,4,5-Trichlorophenol
Concen: 23.06 ppm
RT: 5.753 min Scan# 704
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:196 Resp: 74629

Ion	Ratio	Lower	Upper
196	100		
198	100.2	65.1	125.1
200	30.4	0.0	60.0

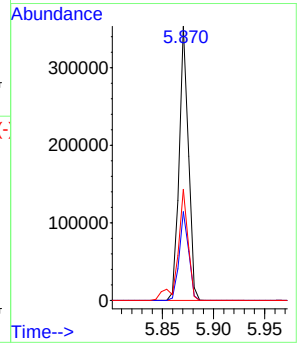


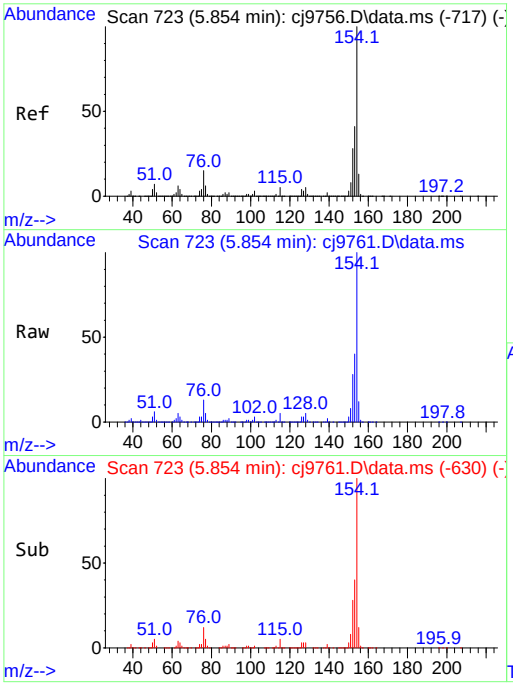


#52
2-Chloronaphthalene
Concen: 23.89 ppm
RT: 5.870 min Scan# 726
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:162 Resp: 223477

Ion	Ratio	Lower	Upper
162	100		
164	32.4	3.5	63.5
127	40.3	9.4	69.4

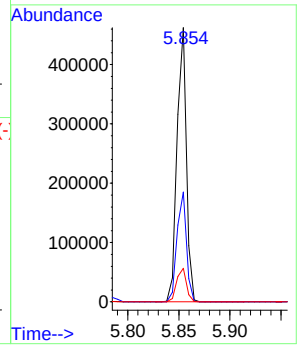


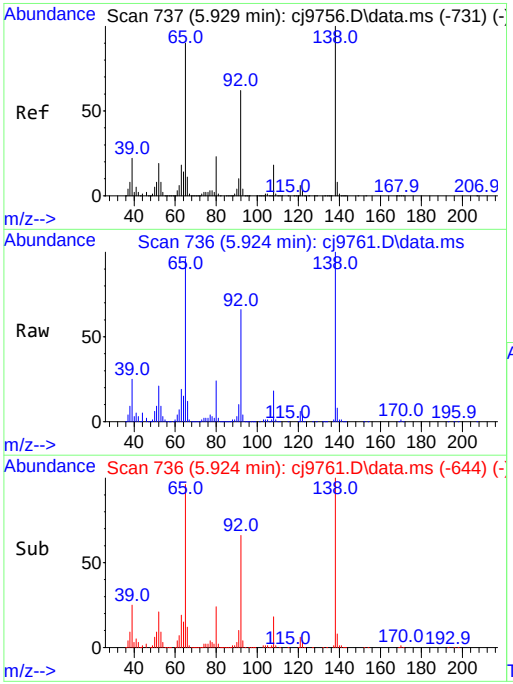


#53
Biphenyl
Concen: 24.64 ppm
RT: 5.854 min Scan# 723
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:154 Resp: 295182

Ion	Ratio	Lower	Upper
154	100		
153	40.0	11.4	71.4
155	12.3	0.0	43.2

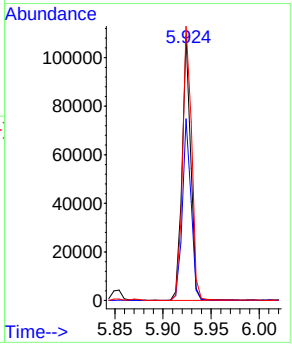


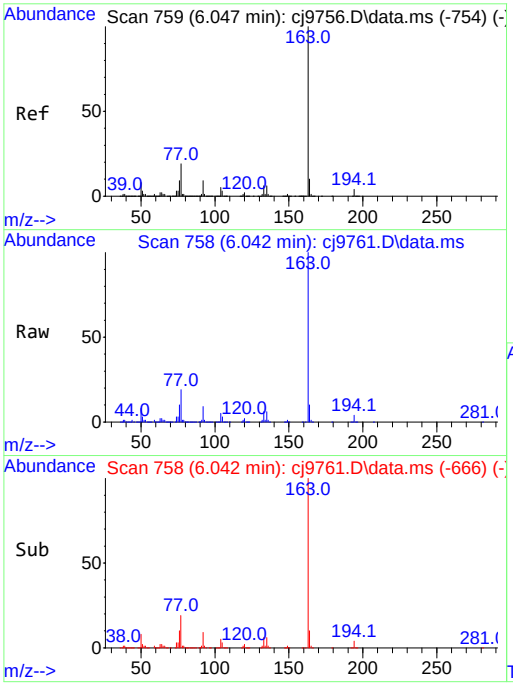


#54
2-Nitroaniline
Concen: 23.00 ppm
RT: 5.924 min Scan# 736
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 65 Resp: 68579

Ion	Ratio	Lower	Upper
65	100		
92	68.7	38.9	98.9
138	103.8	81.3	141.3

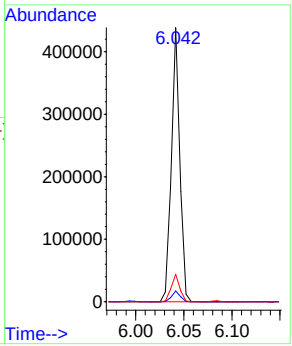


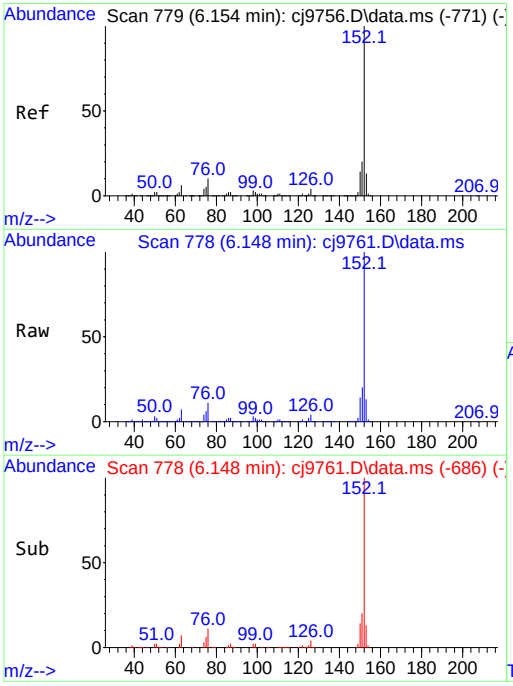


#55
Dimethylphthalate
Concen: 24.29 ppm
RT: 6.042 min Scan# 758
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:163 Resp: 265955

Ion	Ratio	Lower	Upper
163	100		
194	4.0	0.0	34.1
164	10.0	0.0	40.2

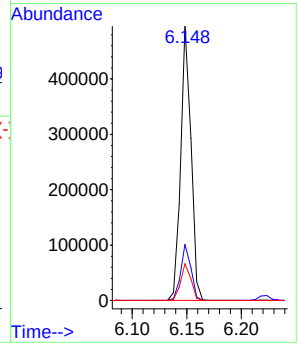


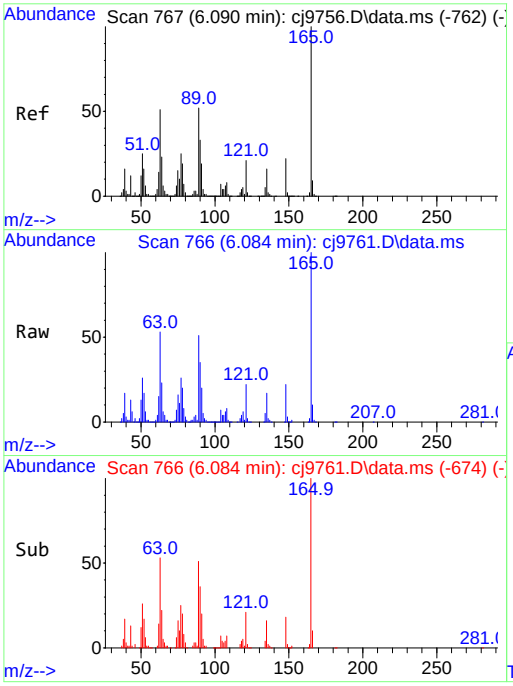


#56
Acenaphthylene
Concen: 23.96 ppm
RT: 6.148 min Scan# 778
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:152 Resp: 325721

Ion	Ratio	Lower	Upper
152	100		
151	20.4	0.0	50.2
153	13.4	0.0	43.2

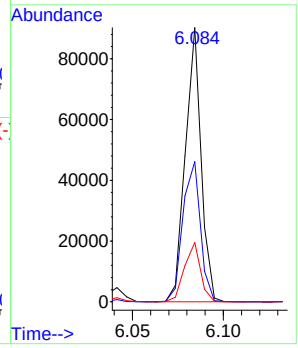


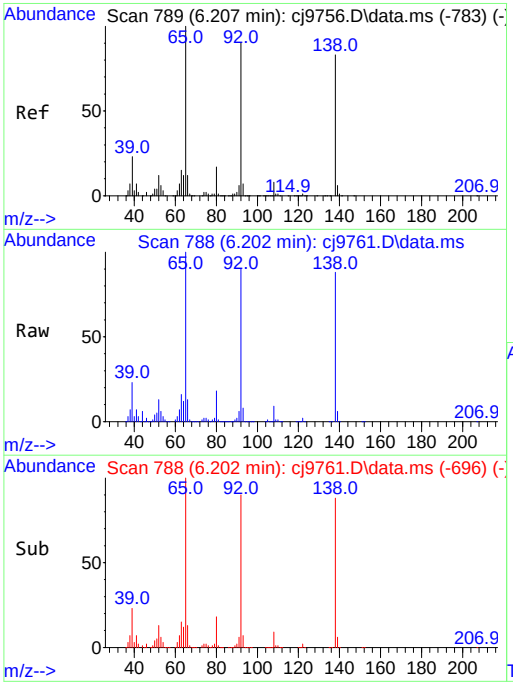


#57
2,6-Dinitrotoluene
Concen: 22.67 ppm
RT: 6.084 min Scan# 766
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:165 Resp: 54516

Ion	Ratio	Lower	Upper
165	100		
89	51.1	21.5	81.5
121	21.7	0.0	50.9

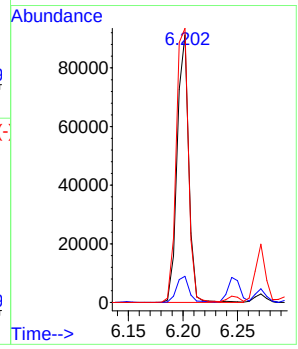


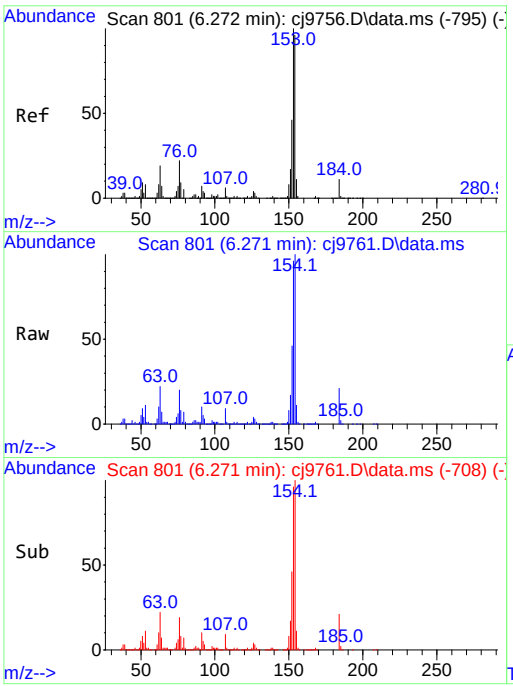


#58
3-Nitroaniline
Concen: 23.81 ppm
RT: 6.202 min Scan# 788
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:138 Resp: 67152

Ion	Ratio	Lower	Upper
138	100		
108	9.0	0.0	39.2
92	102.4	78.1	138.1

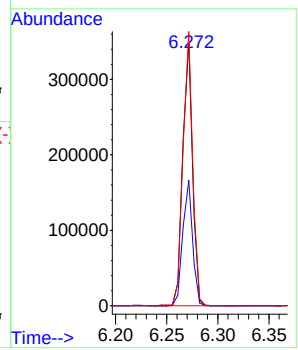


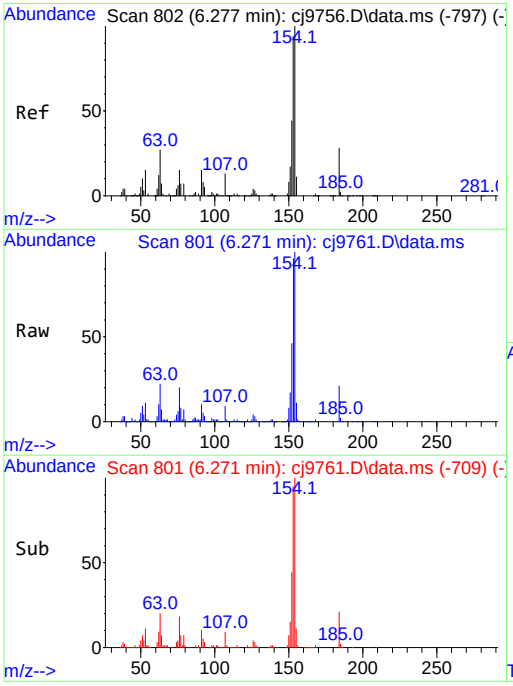


#59
Acenaphthene
Concen: 23.92 ppm
RT: 6.271 min Scan# 801
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:153 Resp: 233887

Ion	Ratio	Lower	Upper
153	100		
152	47.8	16.3	76.3
154	104.4	65.5	125.5

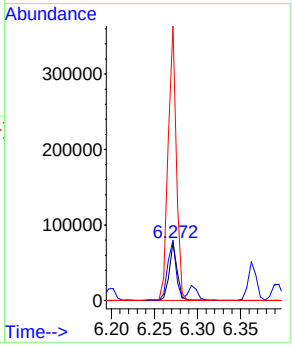


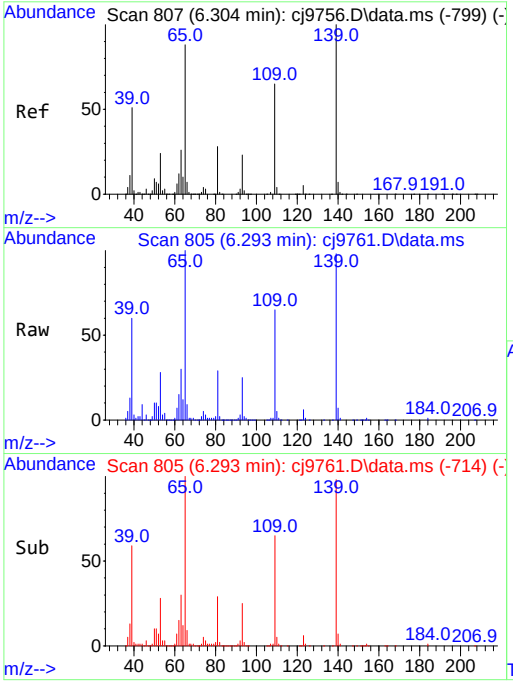


#60
2,4-Dinitrophenol
Concen: 36.83 ppm
RT: 6.271 min Scan# 801
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:184 Resp: 49052

Ion	Ratio	Lower	Upper
184	100		
63	103.3	66.5	126.5
154	471.9	333.5	393.5#

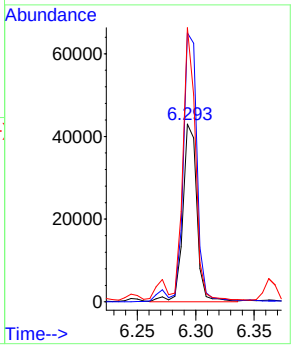


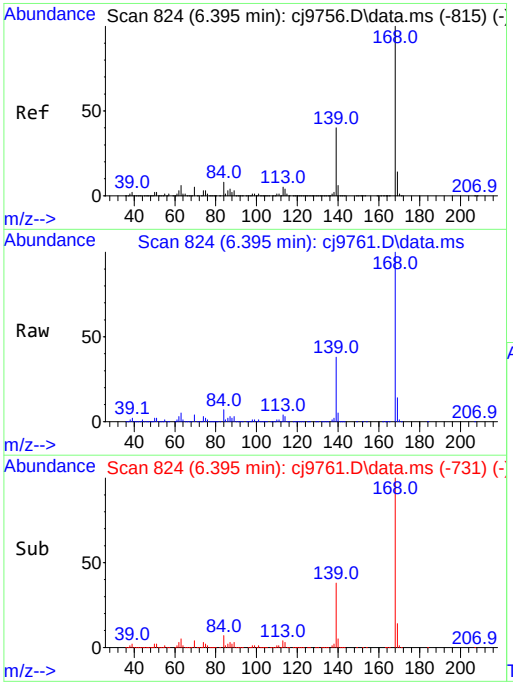


#61
4-Nitrophenol
Concen: 22.77 ppm
RT: 6.293 min Scan# 805
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:109 Resp: 35619

Ion	Ratio	Lower	Upper
109	100		
139	151.0	125.2	185.2
65	153.2	105.7	165.7

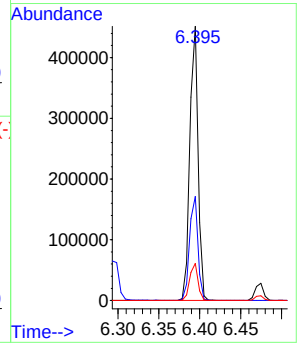


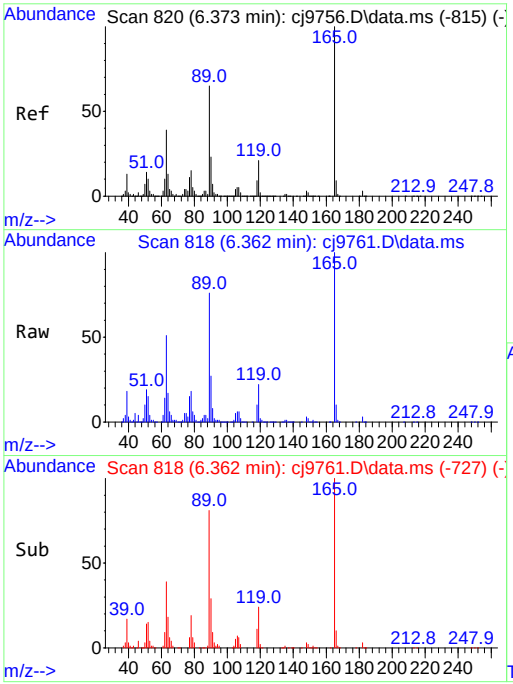


#62
Dibenzofuran
Concen: 24.29 ppm
RT: 6.395 min Scan# 824
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:168 Resp: 317639

Ion	Ratio	Lower	Upper
168	100		
139	37.9	10.5	70.5
169	13.6	0.0	43.5

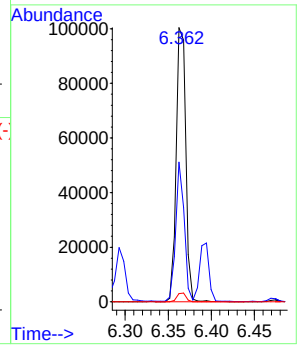


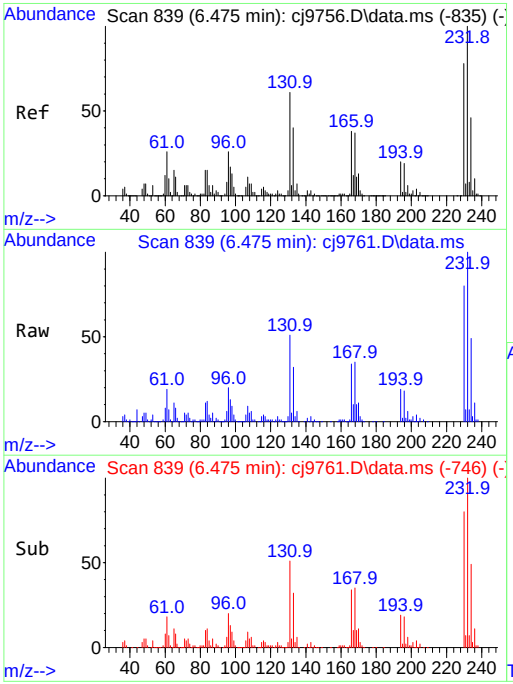


#63
2,4-Dinitrotoluene
Concen: 23.42 ppm
RT: 6.362 min Scan# 818
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:165 Resp: 77467

Ion	Ratio	Lower	Upper
165	100		
63	50.8	9.3	69.3
182	3.0	0.0	33.1

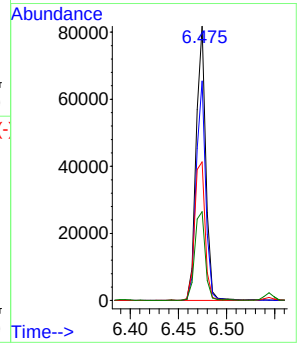


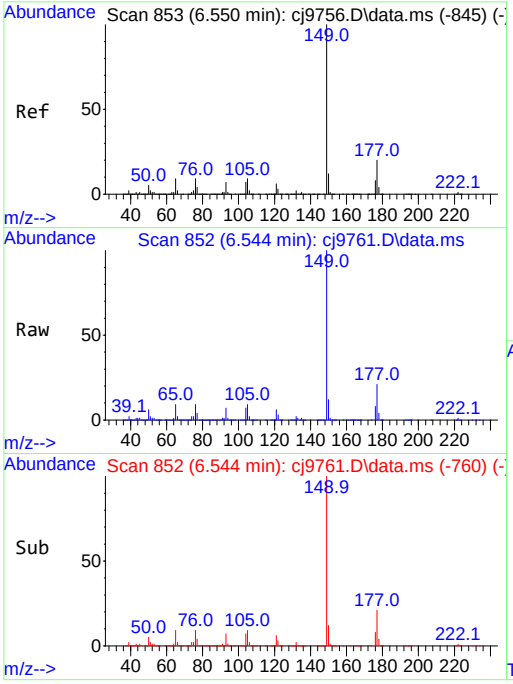


#64
2,3,4,6-Tetrachlorophenol
Concen: 23.03 ppm
RT: 6.475 min Scan# 839
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:232 Resp: 57724

Ion	Ratio	Lower	Upper
232	100		
230	80.0	48.2	108.2
131	50.5	30.7	90.7
133	32.3	9.7	69.7

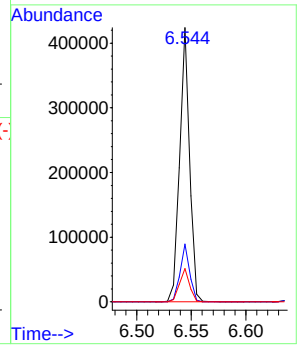


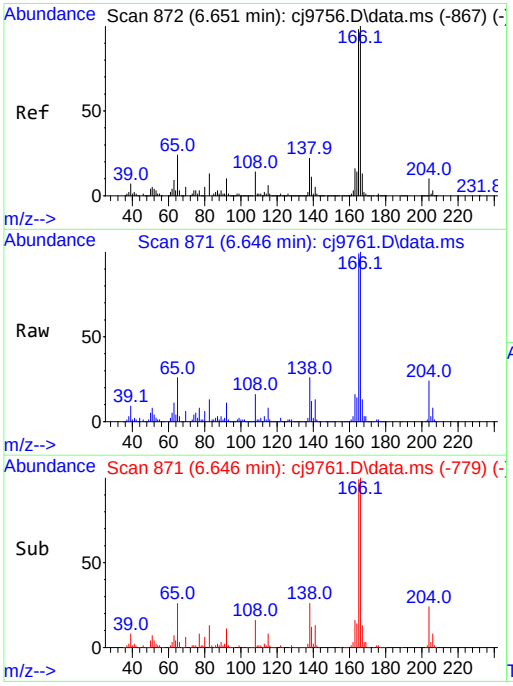


#65
Diethylphthalate
Concen: 23.63 ppm
RT: 6.544 min Scan# 852
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:149 Resp: 268513

Ion	Ratio	Lower	Upper
149	100		
177	21.1	0.0	50.1
150	12.1	0.0	42.3

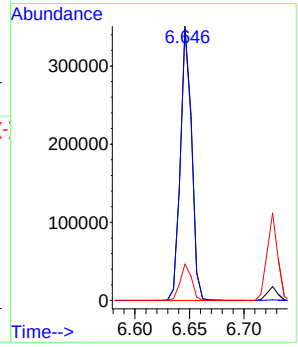


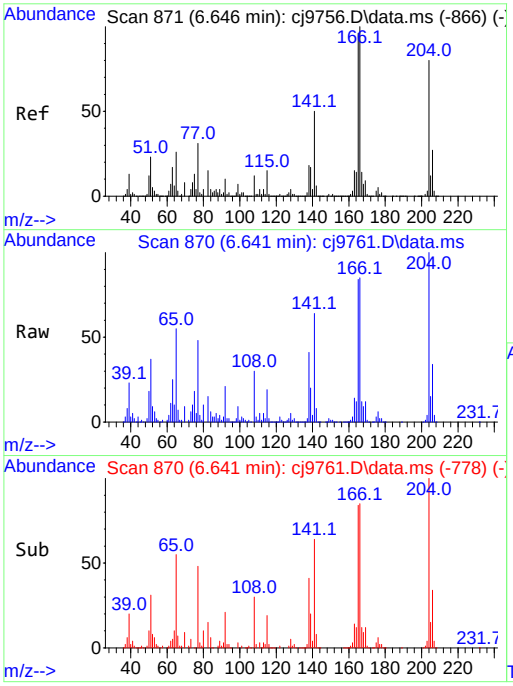


#66
Fluorene
Concen: 24.28 ppm
RT: 6.646 min Scan# 871
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:166 Resp: 252969

Ion	Ratio	Lower	Upper
166	100		
165	99.0	68.3	128.3
167	13.3	0.0	43.4

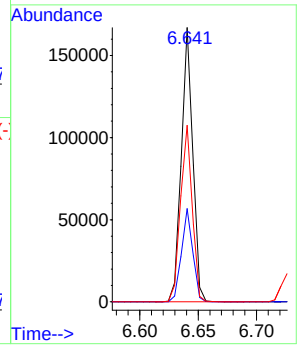


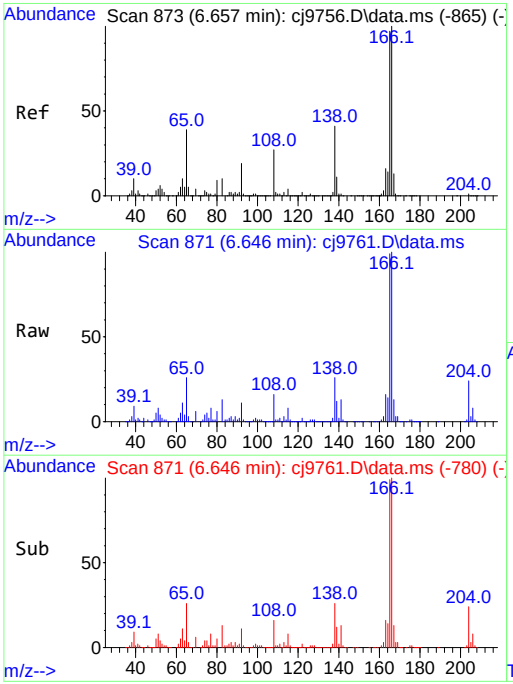


#67
4-Chlorophenyl-phenylether
Concen: 23.96 ppm
RT: 6.641 min Scan# 870
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:204 Resp: 113795

Ion	Ratio	Lower	Upper
204	100		
206	33.9	4.0	64.0
141	64.3	33.0	93.0

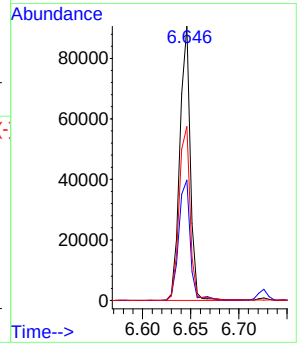


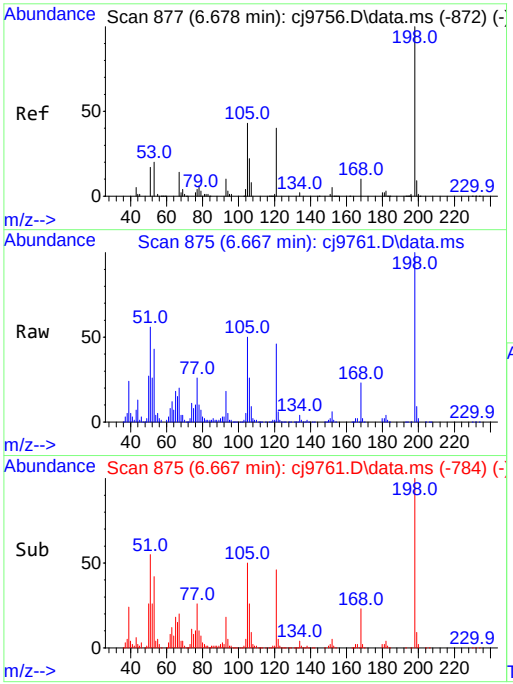


#68
4-Nitroaniline
Concen: 23.14 ppm
RT: 6.646 min Scan# 871
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:138 Resp: 68190

Ion	Ratio	Lower	Upper
138	100		
92	43.9	15.3	75.3
108	63.4	36.8	96.8

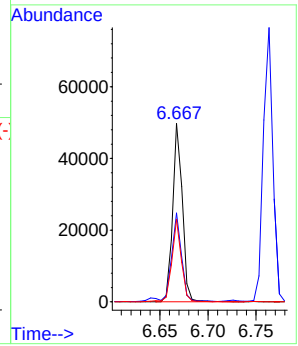


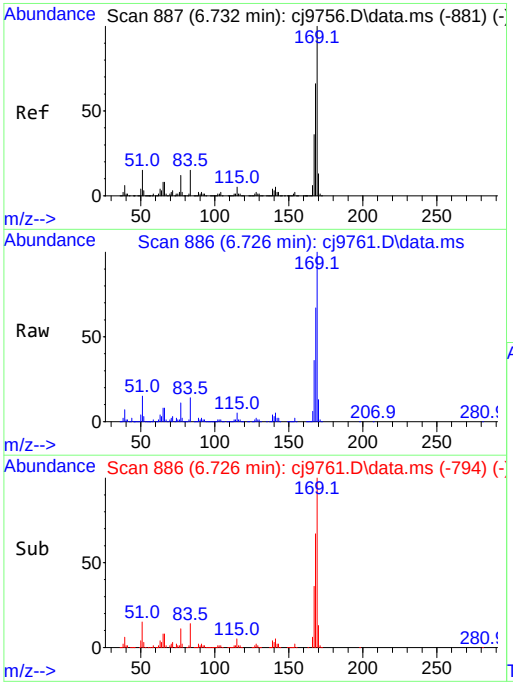


#70
4,6-Dinitro-2-methylphenol
Concen: 19.79 ppm
RT: 6.667 min Scan# 875
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:198 Resp: 34620

Ion	Ratio	Lower	Upper
198	100		
105	48.6	5.0	65.0
121	45.9	10.0	70.0

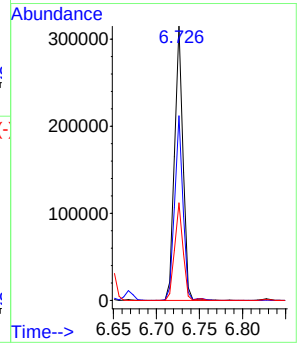


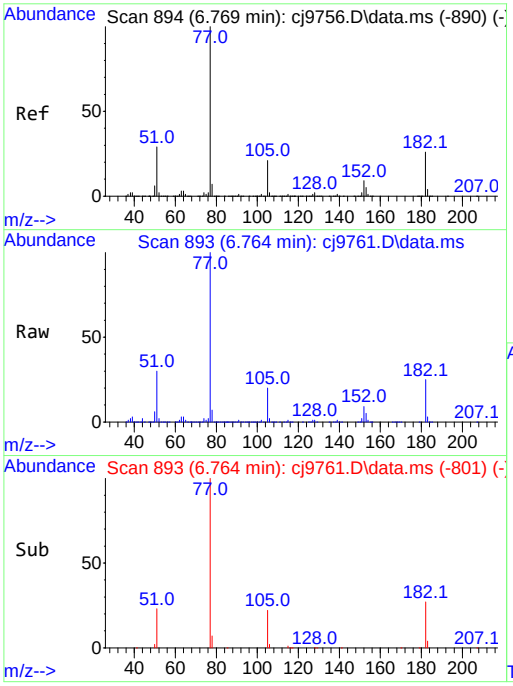


#71
n-Nitrosodiphenylamine
Concen: 23.36 ppm
RT: 6.726 min Scan# 886
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:169 Resp: 214202

Ion	Ratio	Lower	Upper
169	100		
168	67.3	36.0	96.0
167	35.6	5.9	65.9

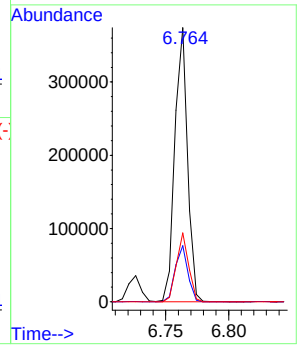


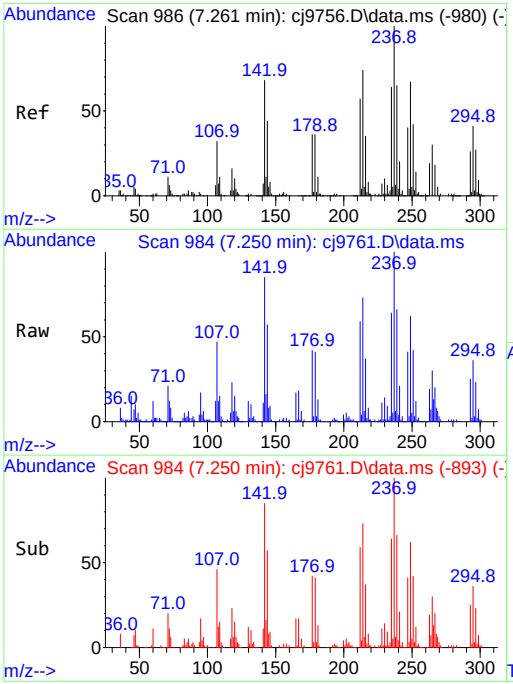


#72
1,2-Diphenylhydrazine
Concen: 23.65 ppm
RT: 6.764 min Scan# 893
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 77 Resp: 261905

Ion	Ratio	Lower	Upper
77	100		
105	20.4	0.0	51.2
182	25.2	0.0	55.7

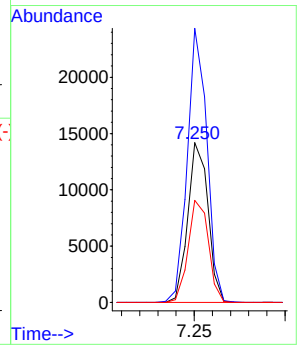


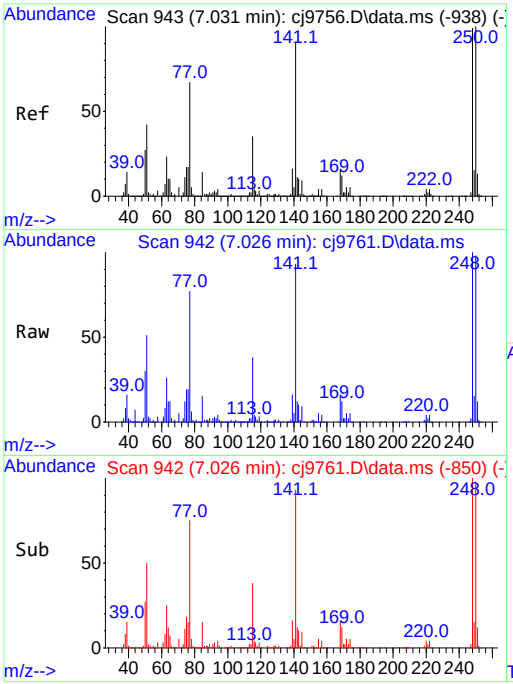


#73
pentachloronitrobenzene
Concen: 22.59 ppm
RT: 7.250 min Scan# 984
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:295 Resp: 10946

Ion	Ratio	Lower	Upper
295	100		
249	165.7	132.3	198.5
297	64.1	50.6	75.8

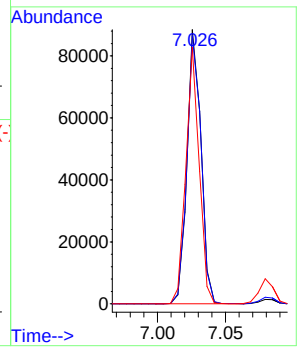


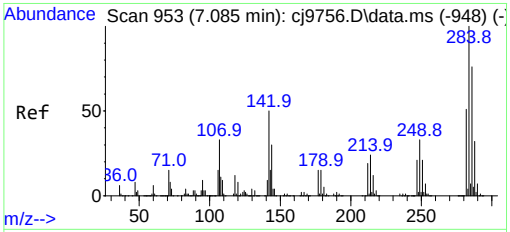


#75
4-Bromophenyl-phenylether
Concen: 23.58 ppm
RT: 7.026 min Scan# 942
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:248 Resp: 62633

Ion	Ratio	Lower	Upper
248	100		
250	97.8	71.3	131.3
141	93.4	61.3	121.3

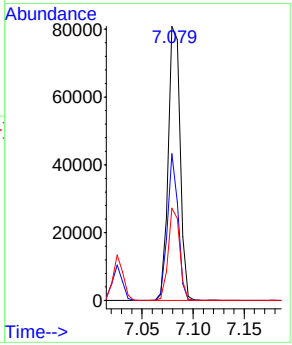


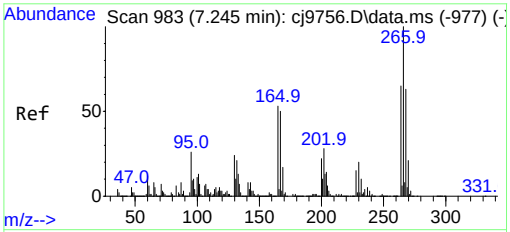


#76
Hexachlorobenzene
Concen: 23.48 ppm
RT: 7.079 min Scan# 952
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:284 Resp: 65698

Ion	Ratio	Lower	Upper
284	100		
142	53.5	20.3	80.3
249	33.7	3.5	63.5

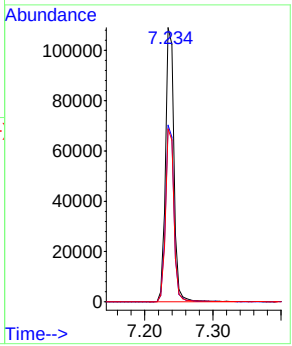


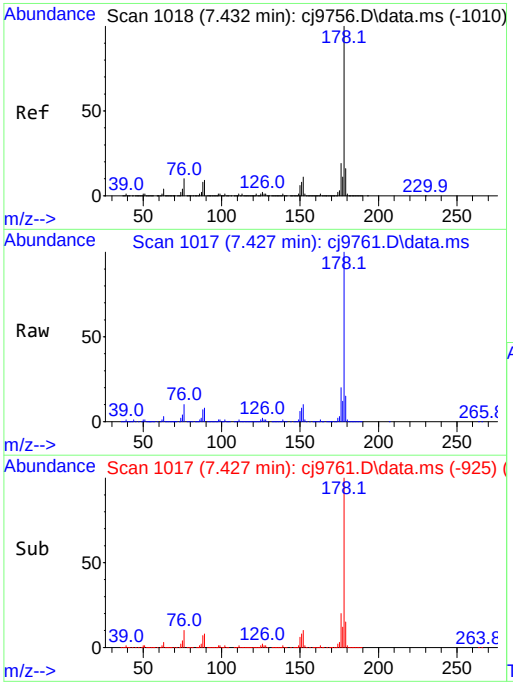


#77
Pentachlorophenol
Concen: 45.32 ppm
RT: 7.234 min Scan# 981
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:266 Resp: 93329

Ion	Ratio	Lower	Upper
266	100		
264	64.5	35.3	95.3
268	63.0	33.4	93.4

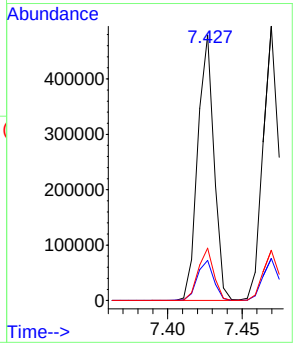


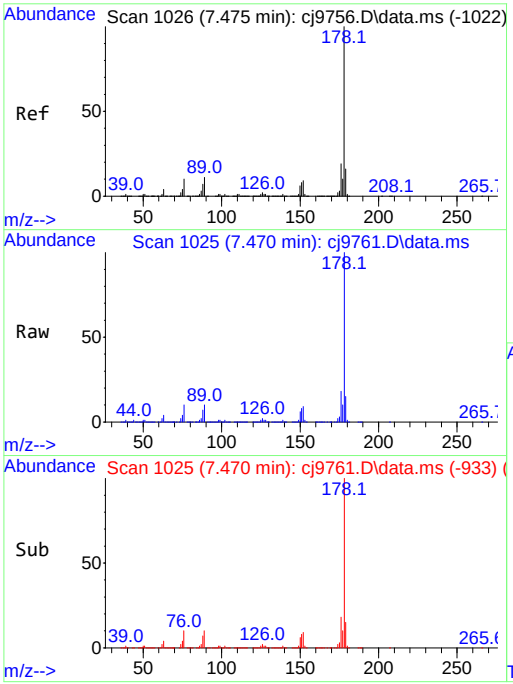


#78
Phenanthrene
Concen: 23.97 ppm
RT: 7.427 min Scan# 1017
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:178 Resp: 364955

Ion	Ratio	Lower	Upper
178	100		
179	15.1	0.0	45.6
176	19.7	0.0	49.4

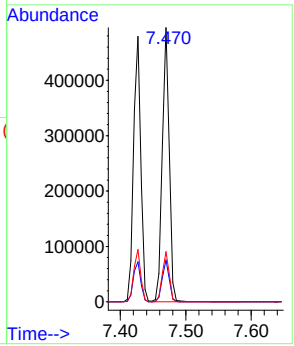


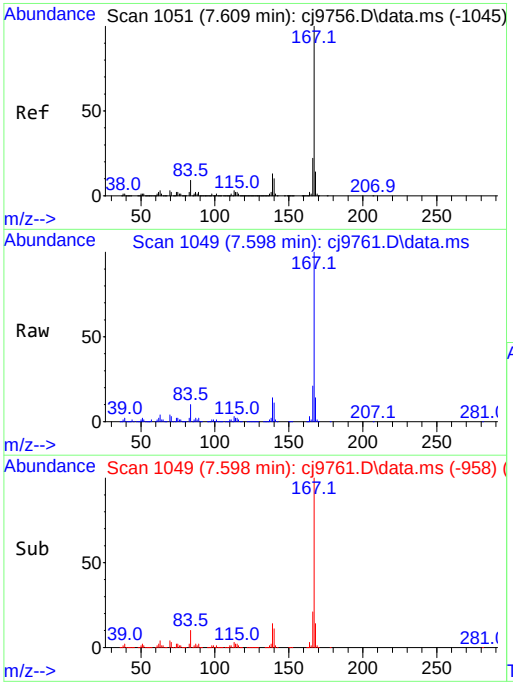


#79
Anthracene
Concen: 23.85 ppm
RT: 7.470 min Scan# 1025
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:178 Resp: 366233

Ion	Ratio	Lower	Upper
178	100		
179	15.3	0.0	45.9
176	18.3	0.0	48.6

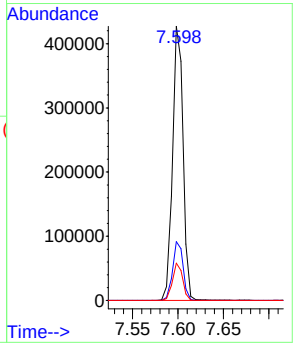


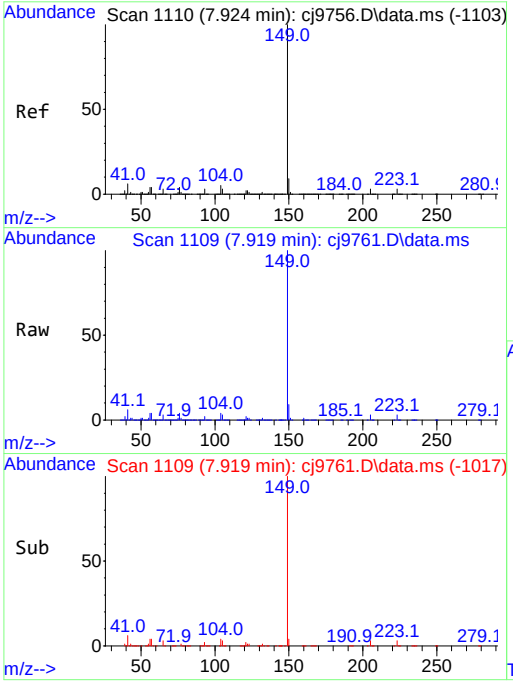


#80
Carbazole
Concen: 23.41 ppm
RT: 7.598 min Scan# 1049
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:167 Resp: 348860

Ion	Ratio	Lower	Upper
167	100		
166	21.4	0.0	51.6
139	13.6	0.0	43.1

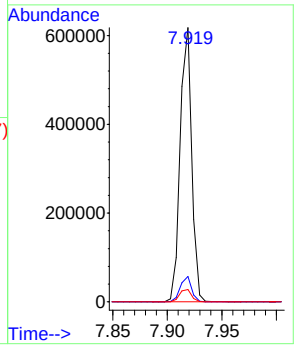


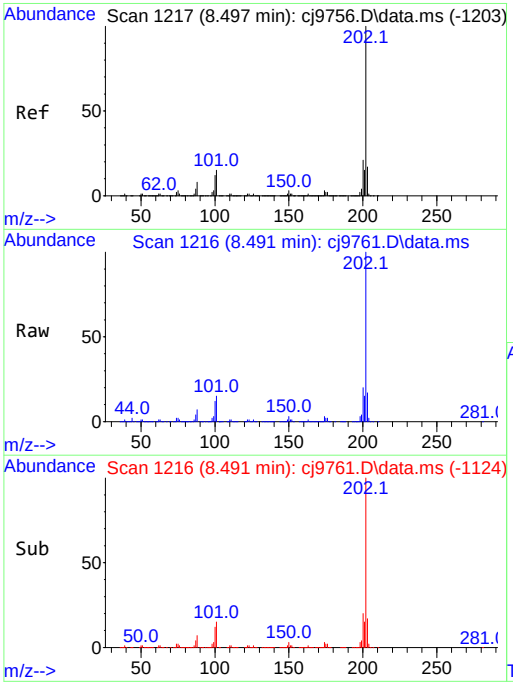


#81
Di-n-butylphthalate
Concen: 23.03 ppm
RT: 7.919 min Scan# 1109
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:149 Resp: 454594

Ion	Ratio	Lower	Upper
149	100		
150	9.2	0.0	39.2
104	4.5	0.0	34.6

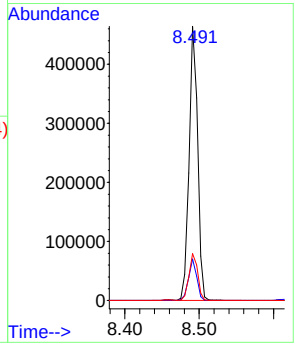


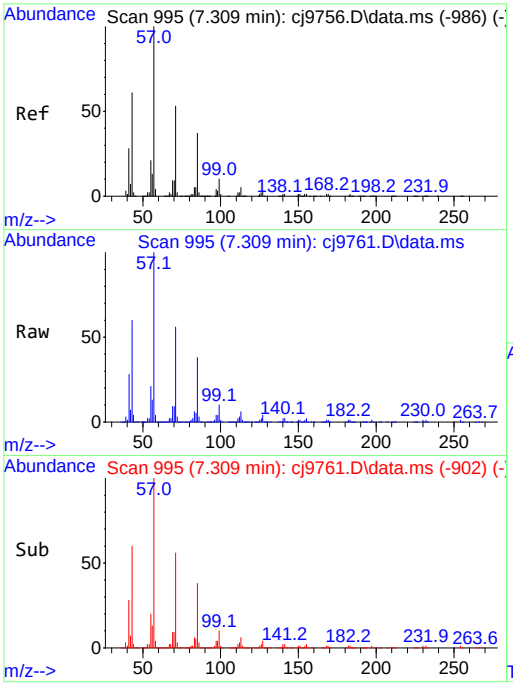


#82
Fluoranthene
Concen: 22.65 ppm
RT: 8.491 min Scan# 1216
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:202 Resp: 372225

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	45.3
203	17.1	0.0	47.3

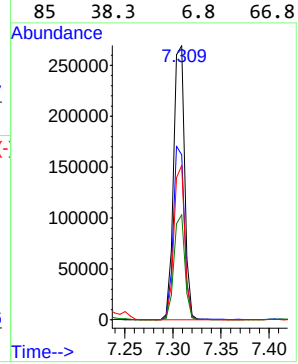


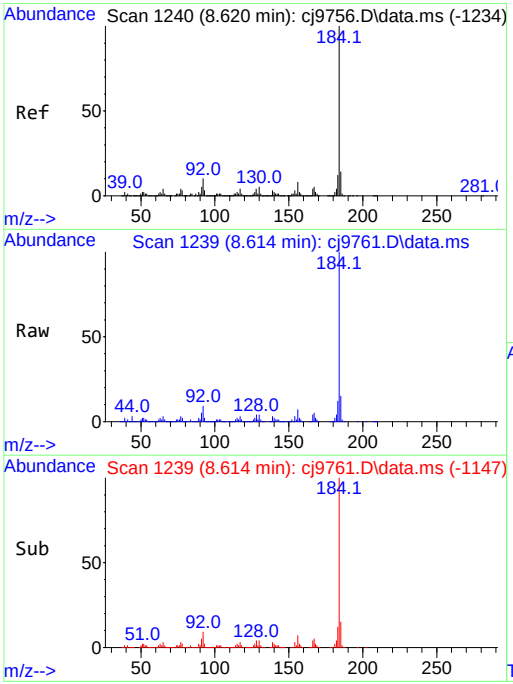


#83
Octadecane
Concen: 23.76 ppm
RT: 7.309 min Scan# 995
Delta R.T. -0.000 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion: 57 Resp: 215408

Ion	Ratio	Lower	Upper
57	100		
43	60.1	31.1	91.1
71	56.3	23.7	83.7
85	38.3	6.8	66.8

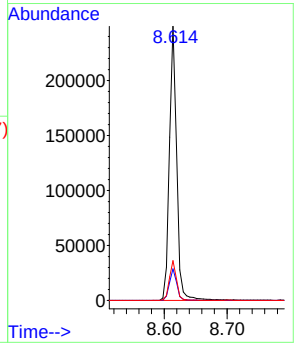


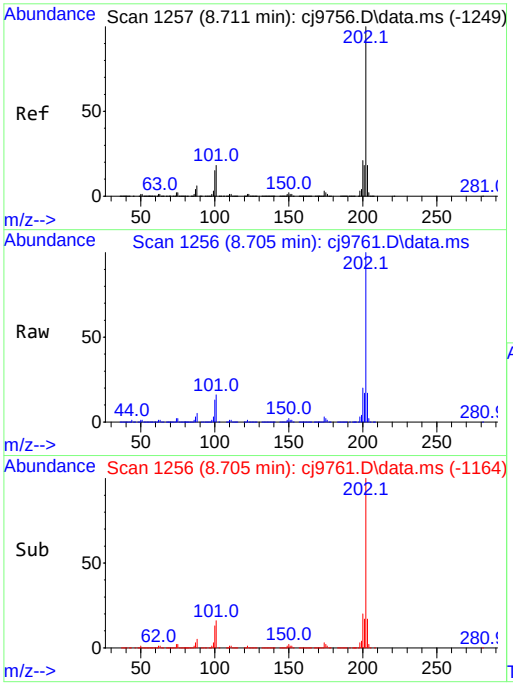


#85
benzidine
Concen: 22.72 ppm
RT: 8.614 min Scan# 1239
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:184 Resp: 200864

Ion	Ratio	Lower	Upper
184	100		
183	11.8	9.5	14.3
185	14.2	11.0	16.4

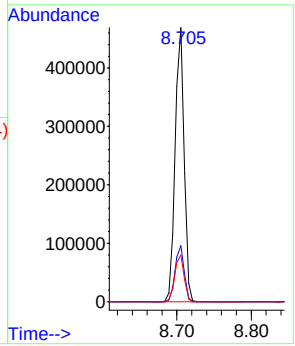


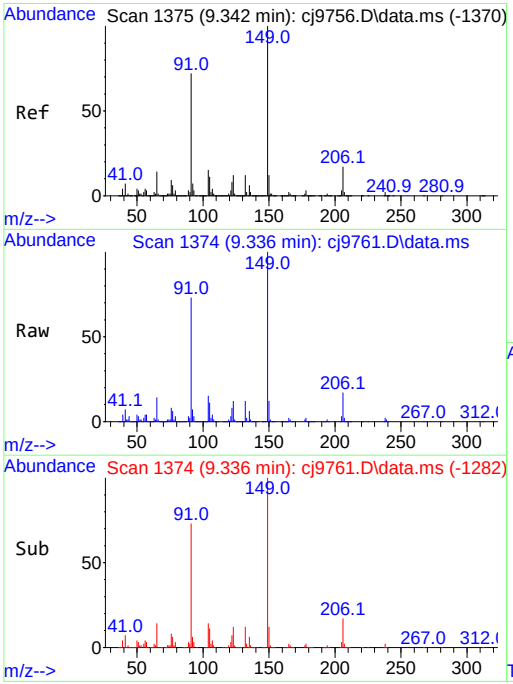


#86
Pyrene
Concen: 24.98 ppm
RT: 8.705 min Scan# 1256
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:202 Resp: 392763

Ion	Ratio	Lower	Upper
202	100		
200	20.5	0.0	51.1
203	17.1	0.0	47.7

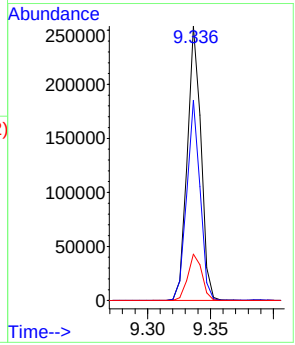


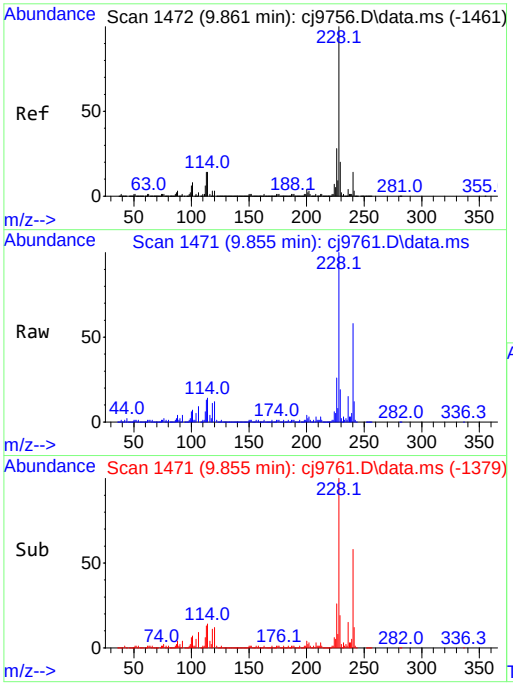


#88
Butylbenzylphthalate
Concen: 23.20 ppm
RT: 9.336 min Scan# 1374
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:149 Resp: 192795

Ion	Ratio	Lower	Upper
149	100		
91	72.9	41.7	101.7
206	16.9	0.0	47.1

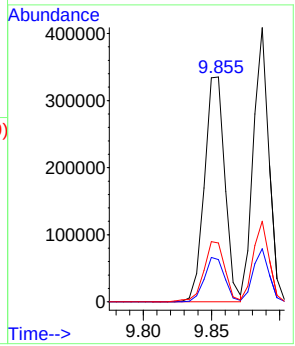


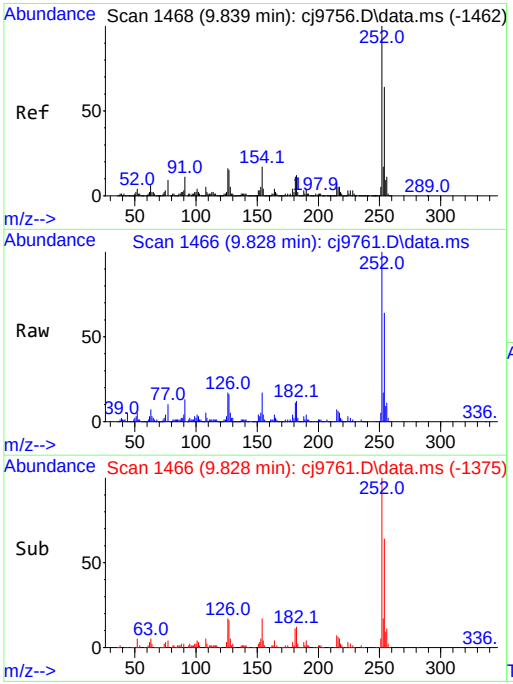


#89
Benzo[a]anthracene
Concen: 24.10 ppm
RT: 9.855 min Scan# 1471
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:228 Resp: 350292

Ion	Ratio	Lower	Upper
228	100		
229	18.8	0.0	50.0
226	26.1	0.0	57.8

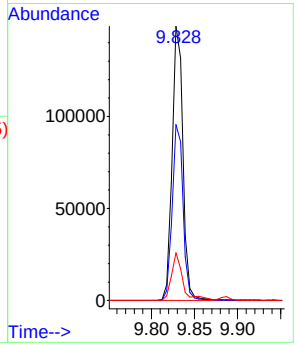


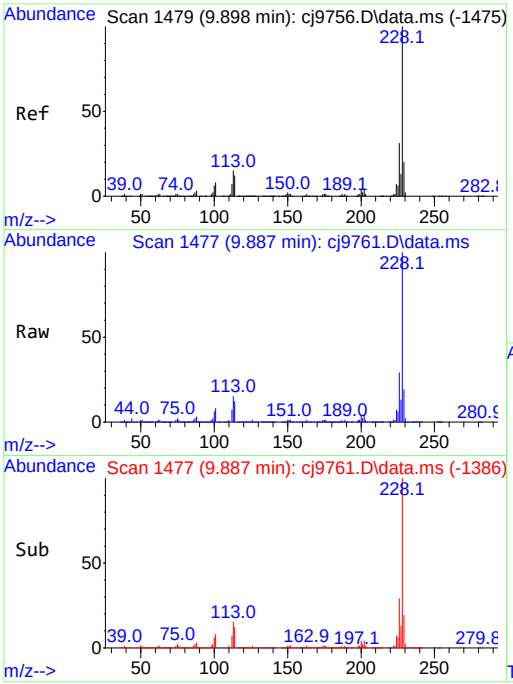


#90
3,3'-Dichlorobenzidine
Concen: 22.90 ppm
RT: 9.828 min Scan# 1466
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:252 Resp: 129593

Ion	Ratio	Lower	Upper
252	100		
254	64.2	34.1	94.1
126	17.4	0.0	45.7

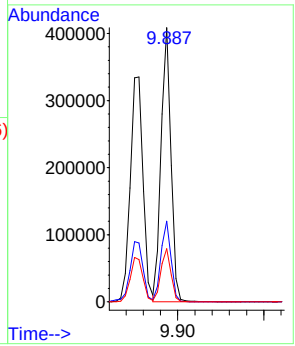


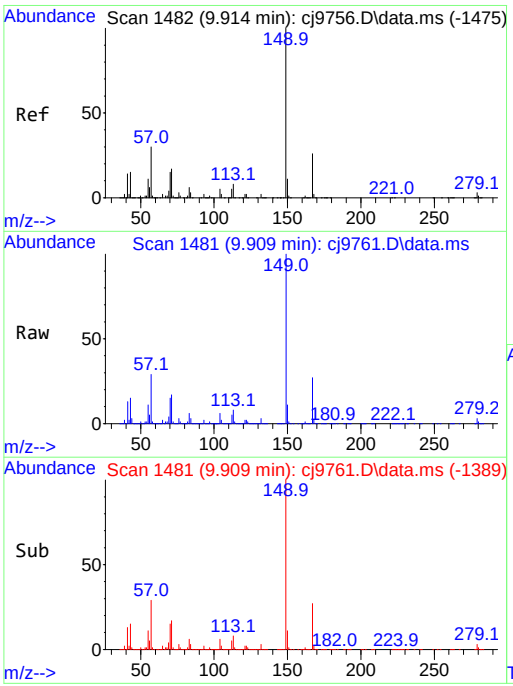


#91
Chrysene
Concen: 23.87 ppm
RT: 9.887 min Scan# 1477
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:228 Resp: 325388

Ion	Ratio	Lower	Upper
228	100		
226	29.4	0.6	60.6
229	19.4	0.0	49.9

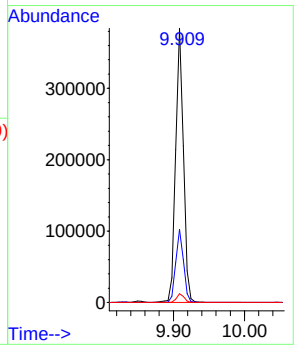


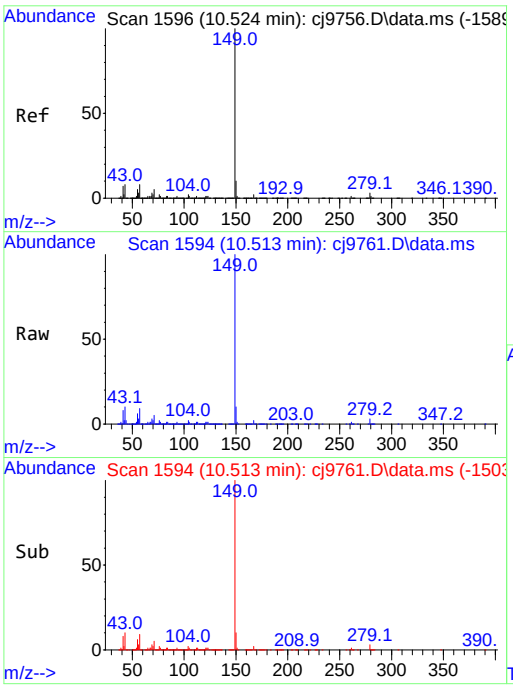


#92
bis(2-Ethylhexyl)phthalate
Concen: 23.74 ppm
RT: 9.909 min Scan# 1481
Delta R.T. -0.005 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:149 Resp: 292354

Ion	Ratio	Lower	Upper
149	100		
167	26.6	0.0	56.1
279	3.2	0.0	33.1

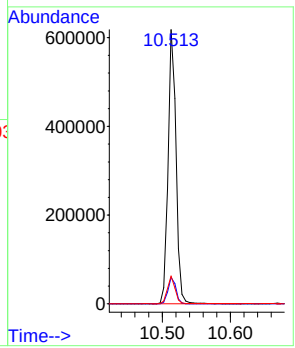


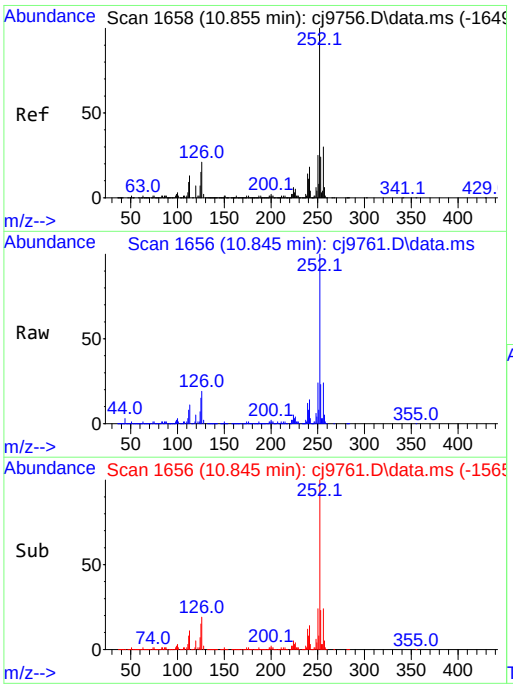


#94
Di-n-octylphthalate
Concen: 22.96 ppm
RT: 10.513 min Scan# 1594
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:149 Resp: 495670

Ion	Ratio	Lower	Upper
149	100		
150	9.7	0.0	39.6
43	10.1	0.0	38.2

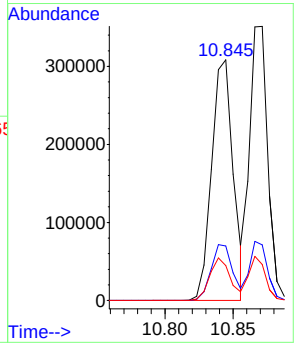


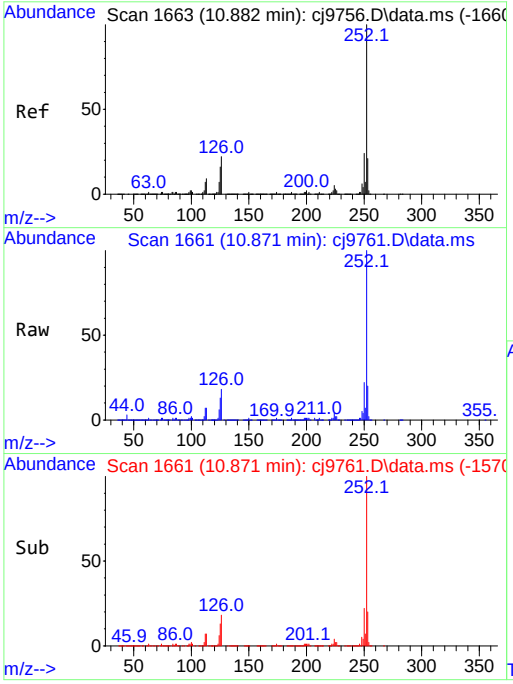


#95
Benzo[b]fluoranthene
Concen: 23.61 ppm
RT: 10.845 min Scan# 1656
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:252 Resp: 339036

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	54.1
125	14.4	0.0	45.5

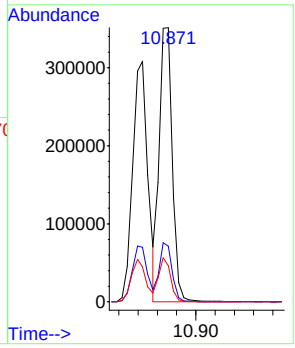


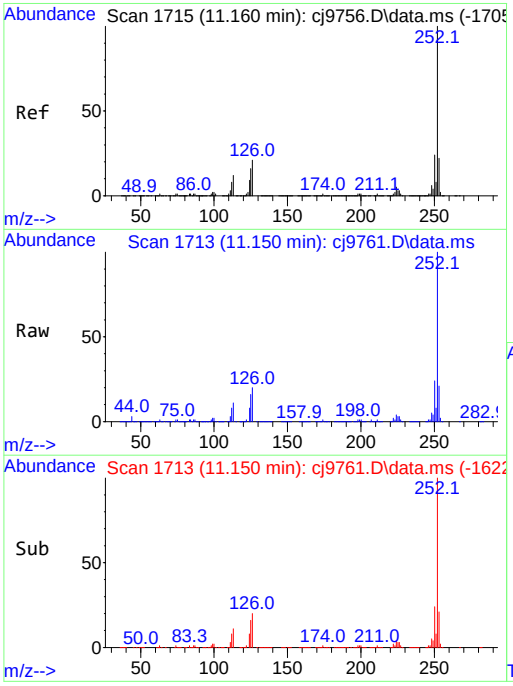


#96
Benzo[k]fluoranthene
Concen: 24.95 ppm
RT: 10.871 min Scan# 1661
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:252 Resp: 329529

Ion	Ratio	Lower	Upper
252	100		
253	20.1	0.0	51.4
125	12.9	0.0	45.5

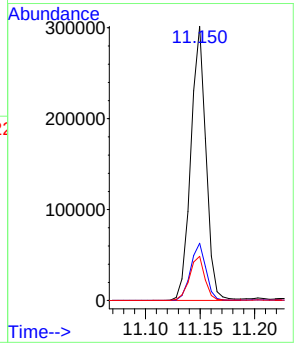


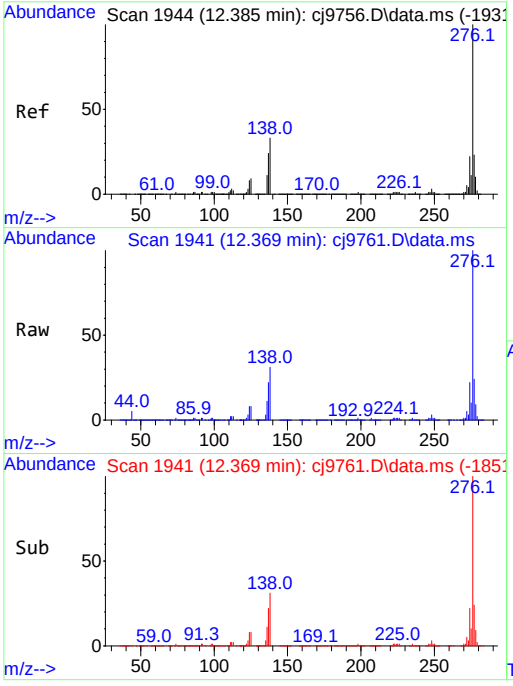


#97
Benzo[a]pyrene
Concen: 23.77 ppm
RT: 11.150 min Scan# 1713
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:252 Resp: 289772

Ion	Ratio	Lower	Upper
252	100		
253	20.9	0.0	51.6
125	16.1	0.0	46.4

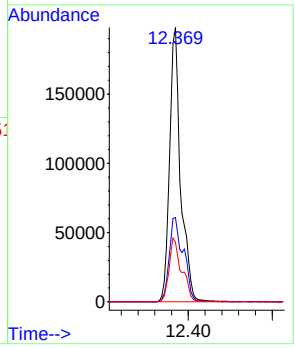


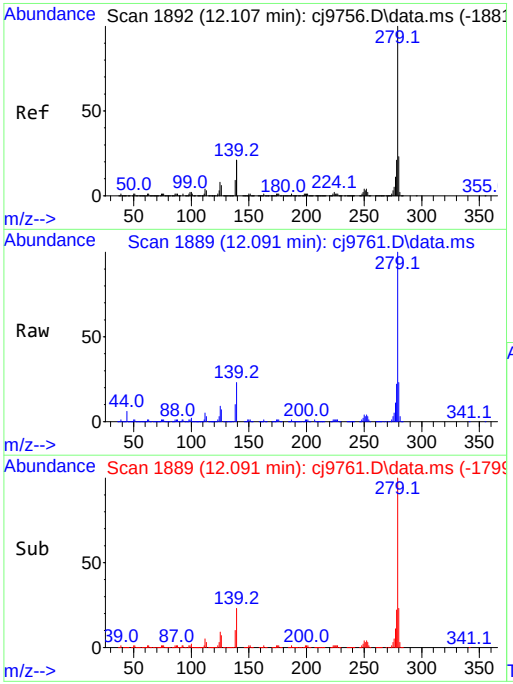


#98
Indeno[1,2,3-cd]pyrene
Concen: 23.33 ppm
RT: 12.369 min Scan# 1941
Delta R.T. -0.016 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:276 Resp: 363207

Ion	Ratio	Lower	Upper
276	100		
138	30.8	2.8	62.8
137	21.7	0.0	54.0

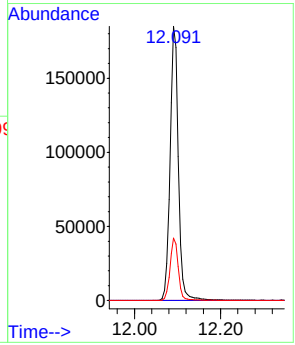


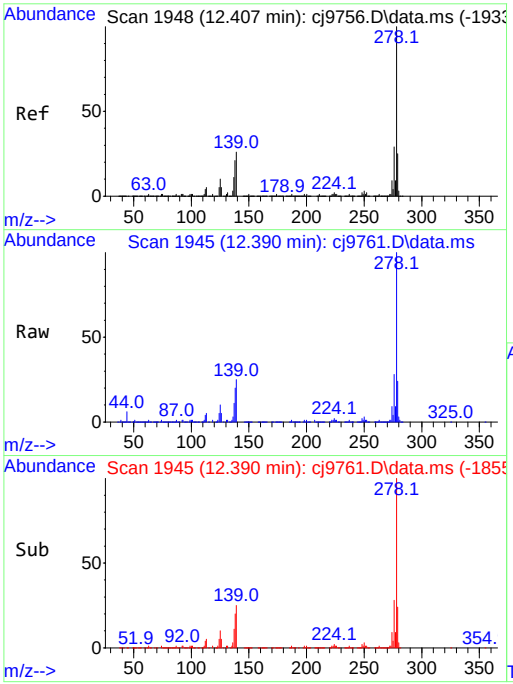


#99
Dibenz(a,h)acridine
Concen: 23.24 ppm
RT: 12.091 min Scan# 1889
Delta R.T. -0.016 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:279 Resp: 246433

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.8	0.0	52.6

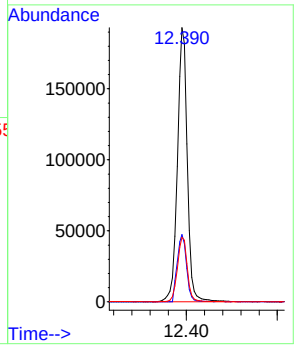


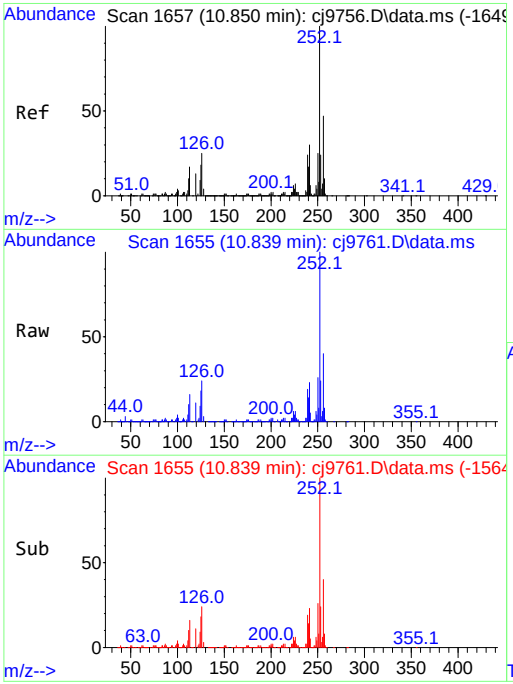


#100
Dibenz[a,h]anthracene
Concen: 23.83 ppm
RT: 12.390 min Scan# 1945
Delta R.T. -0.016 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:278 Resp: 293915

Ion	Ratio	Lower	Upper
278	100		
139	24.5	0.0	56.3
279	23.5	0.0	54.6

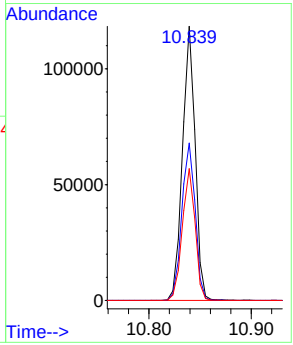


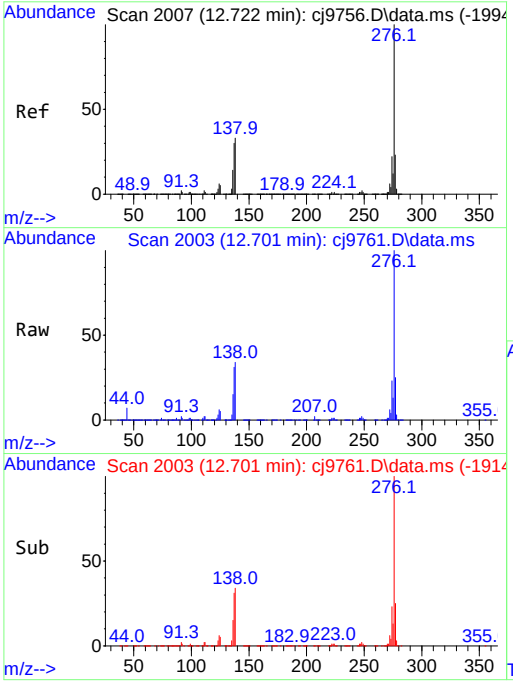


#101
7,12-Dimethylbenz(a)anthracene
Concen: 21.08 ppm
RT: 10.839 min Scan# 1655
Delta R.T. -0.011 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:256 Resp: 102669

Ion	Ratio	Lower	Upper
256	100		
241	57.4	32.7	92.7
239	48.1	20.3	80.3

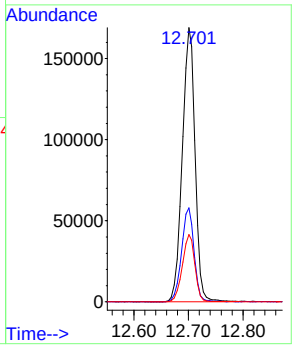




#102
Benzo[g,h,i]perylene
Concen: 23.16 ppm
RT: 12.701 min Scan# 2003
Delta R.T. -0.022 min
Lab File: cj9761.D
Acq: 17 Dec 2024 06:26 pm

Tgt Ion:276 Resp: 273368

Ion	Ratio	Lower	Upper
276	100		
138	34.2	3.3	63.3
277	24.6	0.0	53.4



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9762.D
Acq On : 17 Dec 2024 06:44 pm
Operator : rocquans
Sample : ic420-80
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 20 09:25:19 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	162450	40.00	ppm	0.00
24) Naphthalene-d8	5.143	136	642492	40.00	ppm	0.00
46) Acenaphthene-d10	6.250	164	346169	40.00	ppm	0.00
69) Phenanthrene-d10	7.411	188	594350	40.00	ppm	0.00
84) Chrysene-d12	9.871	240	493988	40.00	ppm	0.00
93) Perylene-d12	11.208	264	510344	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	4.394	152	162450	40.00	ppm	0.00
105) Phenanthrene-d10a	7.411	188	594350	40.00	ppm	0.00
107) Naphthalene-d8a	5.143	136	642492	40.00	ppm	0.00
109) Phenanthrene-d10b	7.411	188	594350	40.00	ppm	0.00
112) Chrysene-d12a	9.871	240	493988	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.560	112	406854	78.55	ppm	0.00
Spiked Amount 50.000			Recovery = 157.10%			
8) Phenol-d5	4.164	99	542831	80.02	ppm	0.00
Spiked Amount 50.000			Recovery = 160.04%			
25) Nitrobenzene-d5	4.726	82	503383	77.84	ppm	0.00
Spiked Amount 50.000			Recovery = 155.68%			
51) 2-Fluorobiphenyl	5.790	172	891095	78.09	ppm	0.00
Spiked Amount 50.000			Recovery = 156.18%			
74) 2,4,6-Tribromophenol	6.833	330	107978	73.80	ppm	0.00
Spiked Amount 50.000			Recovery = 147.60%			
87) Terphenyl-d14	8.860	244	953069	75.86	ppm	0.00
Spiked Amount 50.000			Recovery = 151.72%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.249	88	147757	75.79	ppm	98
3) Pyridine	2.549	79	430006	77.10	ppm	98
4) N-Nitrosodimethylamine	2.517	74	260405	78.35	ppm	98
6) Indene	4.549	116	753261	77.96	ppm	99
7) Cumene	3.907	105	855146	77.17	ppm	99
9) Phenol	4.175	94	614234	84.03	ppm	93
10) Aniline	4.196	93	695400	77.32	ppm	99
11) bis(2-Chloroethyl)ether	4.234	93	448590	77.53	ppm	97
12) 2-Chlorophenol	4.271	128	468021	77.60	ppm	93
13) Decane	4.298	43	450003	74.99	ppm	99
14) 1,3-Dichlorobenzene	4.362	146	491130	77.01	ppm	99
15) 1,4-Dichlorobenzene	4.405	146	486358	75.77	ppm	99
16) Benzyl alcohol	4.480	108	315362	76.76	ppm	96
17) 1,2-Dichlorobenzene	4.496	146	470541	76.36	ppm	98
18) Acetophenone	4.635	105	630661	76.26	ppm	79
19) 2-Methylphenol	4.539	108	416572	78.03	ppm	99
20) 2,2'-oxybis(1-Chloropr...	4.555	121	143473	77.64	ppm	91
21) 3&4-Methylphenol	4.635	108	842375	153.78	ppm	99
22) n-Nitroso-di-n-propyla...	4.640	70	311953	77.17	ppm	98
23) Hexachloroethane	4.699	201	159901	74.38	ppm	94
26) Nitrobenzene	4.736	77	484623	77.21	ppm	97
27) Quinoline	5.357	129	880434	77.85	ppm	98
28) Isophorone	4.875	82	852864	76.71	ppm	97
29) 2-Nitrophenol	4.918	139	241400	76.48	ppm	95
30) 2,4-Dimethylphenol	4.934	107	465420	78.24	ppm	99

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9762.D
Acq On : 17 Dec 2024 06:44 pm
Operator : rocquans
Sample : ic420-80
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 20 09:25:19 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) Benzoic acid	5.015	105	382795	79.37	ppm		93
32) bis(2-Chloroethoxy)met...	4.993	93	553693	77.34	ppm		99
33) 2,4-Dichlorophenol	5.057	162	380292	77.76	ppm		95
34) 2,6-Dichlorophenol	5.186	162	370591	77.09	ppm		98
35) 1,3,5-Trichlorobenzene	4.929	180	404037	75.15	ppm		97
36) 1,2,4-Trichlorobenzene	5.106	180	387624	76.58	ppm		98
37) 1,2,3-Trichlorobenzene	5.239	180	388040	77.90	ppm		99
38) Naphthalene	5.154	128	1326553	79.19	ppm		99
39) 4-Chloroaniline	5.180	127	563647	77.35	ppm		97
40) 2,3-Dichloroaniline	5.737	161	432119	78.23	ppm		100
41) Hydroquinone	5.357	110	326396	83.27	ppm		99
42) Hexachlorobutadiene	5.223	225	214646	78.19	ppm		99
43) 4-Chloro-3-methylphenol	5.453	107	390807	77.31	ppm		92
44) 2-Methylnaphthalene	5.565	141	771883	75.74	ppm		97
45) 1-Methylnaphthalene	5.630	141	747086	77.70	ppm		98
47) Hexachlorocyclopentadiene	5.662	237	434383	158.98	ppm		97
48) 1,2,4,5-tetrachloroben...	5.667	216	371388	77.40	ppm		99
49) 2,4,6-Trichlorophenol	5.737	196	272705	83.07	ppm		99
50) 2,4,5-Trichlorophenol	5.758	196	269079	75.55	ppm		97
52) 2-Chloronaphthalene	5.876	162	799661	77.69	ppm		99
53) Biphenyl	5.854	154	1051921	79.81	ppm		99
54) 2-Nitroaniline	5.929	65	256994	78.33	ppm		97
55) Dimethylphthalate	6.047	163	934783	77.60	ppm		99
56) Acenaphthylene	6.154	152	1170214	78.23	ppm		99
57) 2,6-Dinitrotoluene	6.090	165	207336	78.35	ppm		99
58) 3-Nitroaniline	6.207	138	245713	79.19	ppm		97
59) Acenaphthene	6.272	153	837848	77.87	ppm		98
60) 2,4-Dinitrophenol	6.282	184	238379	162.67	ppm	#	2
61) 4-Nitrophenol	6.304	109	135778	78.88	ppm		96
62) Dibenzofuran	6.395	168	1121209	77.91	ppm		99
63) 2,4-Dinitrotoluene	6.373	165	286216	78.64	ppm		94
64) 2,3,4,6-Tetrachlorophenol	6.475	232	214404	77.73	ppm		98
65) Diethylphthalate	6.550	149	968248	77.44	ppm		99
66) Fluorene	6.651	166	912198	79.57	ppm		98
67) 4-Chlorophenyl-phenyle...	6.641	204	404803	77.47	ppm		93
68) 4-Nitroaniline	6.657	138	255304	78.73	ppm		98
70) 4,6-Dinitro-2-methylph...	6.678	198	151203	76.79	ppm		85
71) n-Nitrosodiphenylamine	6.731	169	770948	74.71	ppm		99
72) 1,2-Diphenylhydrazine	6.769	77	931712	74.73	ppm		100
73) pentachloronitrobenzene	7.256	295	42402	77.74	ppm		98
75) 4-Bromophenyl-phenylether	7.031	248	228154	76.31	ppm		93
76) Hexachlorobenzene	7.085	284	236267	75.02	ppm		98
77) Pentachlorophenol	7.245	266	352585	152.11	ppm		97
78) Phenanthrene	7.432	178	1297671	75.73	ppm		100
79) Anthracene	7.475	178	1314732	76.06	ppm		99
80) Carbazole	7.609	167	1250866	74.56	ppm		100
81) Di-n-butylphthalate	7.919	149	1637907	73.71	ppm		99
82) Fluoranthene	8.497	202	1384399	74.85	ppm		100
83) Octadecane	7.309	57	747065	73.22	ppm		97
85) benzidine	8.620	184	899579	87.76	ppm		99
86) Pyrene	8.711	202	1421645	77.97	ppm		99
88) Butylbenzylphthalate	9.342	149	751890	78.03	ppm		98
89) Benzo[a]anthracene	9.855	228	1296049	76.90	ppm		99
90) 3,3'-Dichlorobenzidine	9.839	252	490536	74.75	ppm		100
91) Chrysene	9.898	228	1199521	75.90	ppm		99
92) bis(2-Ethylhexyl)phtha...	9.914	149	1099476	76.99	ppm		97
94) Di-n-octylphthalate	10.518	149	1886996	74.70	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9762.D
Acq On : 17 Dec 2024 06:44 pm
Operator : rocquans
Sample : ic420-80
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 20 09:25:19 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

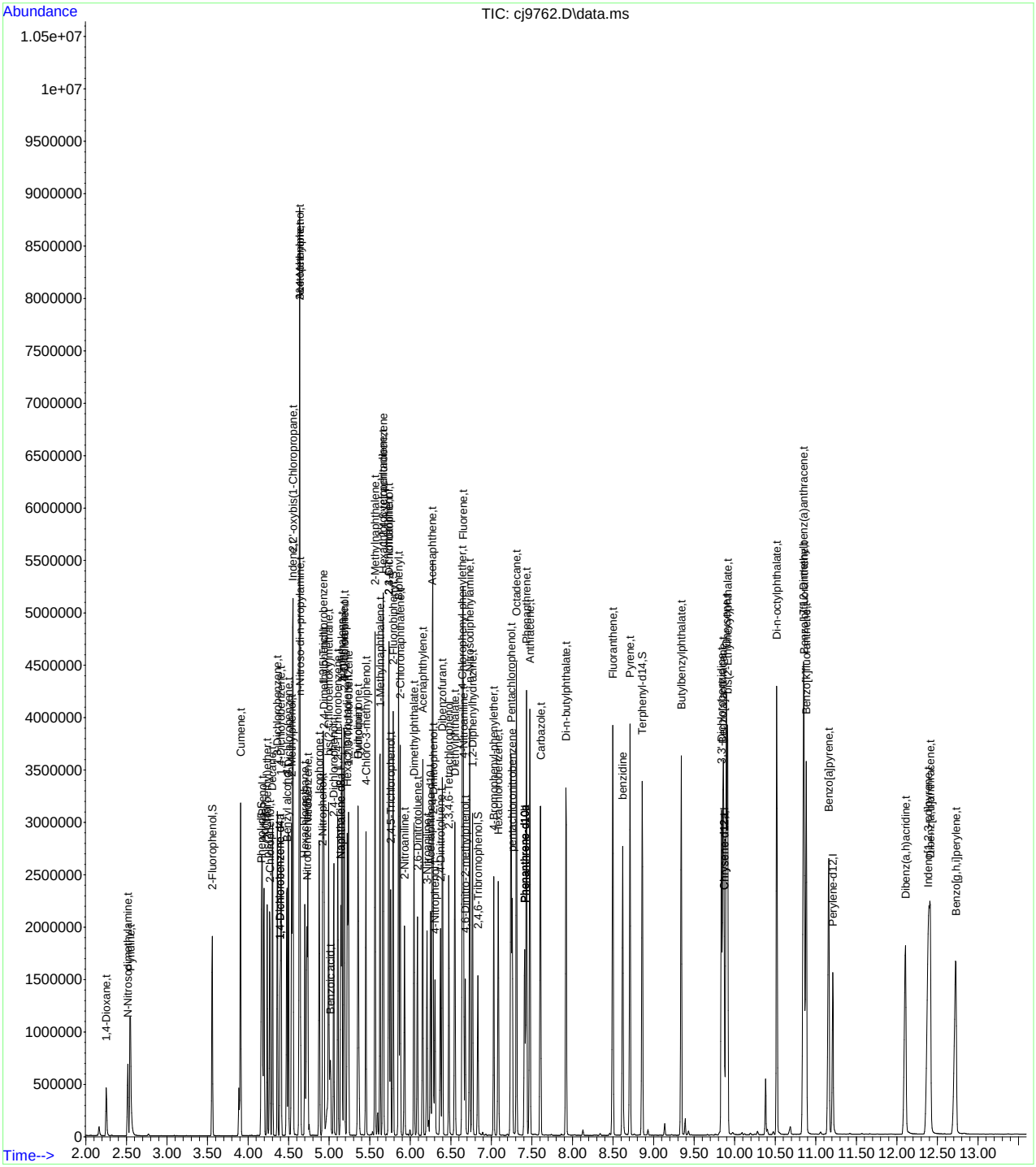
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Benzo[b]fluoranthene	10.855	252	1390475	82.77	ppm	98
96) Benzo[k]fluoranthene	10.882	252	1049352	67.91	ppm	99
97) Benzo[a]pyrene	11.160	252	1088748	76.32	ppm	100
98) Indeno[1,2,3-cd]pyrene	12.385	276	1386942	76.14	ppm	99
99) Dibenz(a,h)acridine	12.107	279	954840	76.96	ppm	100
100) Dibenz[a,h]anthracene	12.412	278	1094279	75.82	ppm	97
101) 7,12-Dimethylbenz(a)an...	10.850	256	486259	85.32	ppm	99
102) Benzo[g,h,i]perylene	12.727	276	1047000	75.83	ppm	98

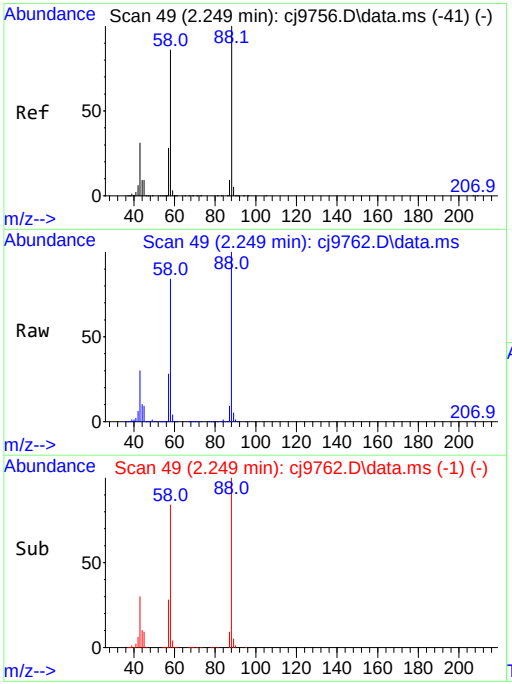
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9762.D
Acq On : 17 Dec 2024 06:44 pm
Operator : rocquans
Sample : ic420-80
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 20 09:25:19 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:14:34 2024
Response via : Initial Calibration

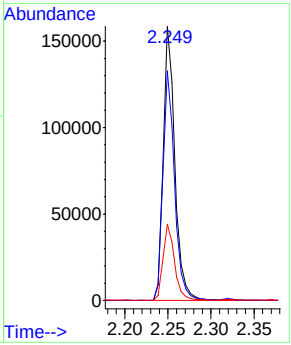


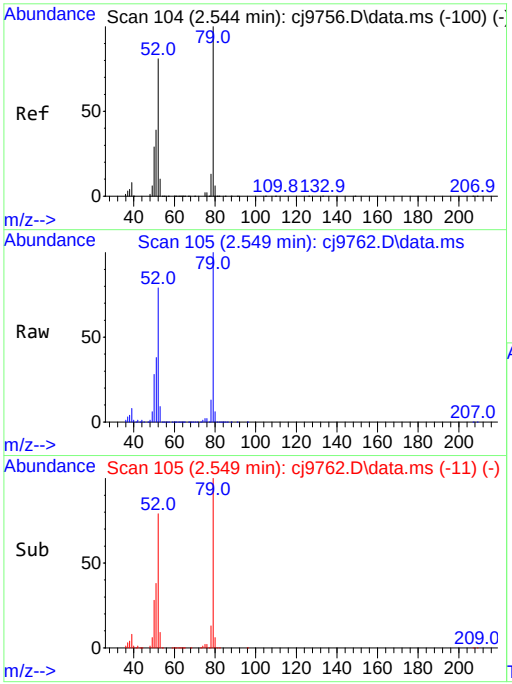


#2
1,4-Dioxane
Concen: 75.79 ppm
RT: 2.249 min Scan# 49
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 88 Resp: 147757

Ion	Ratio	Lower	Upper
88	100		
58	83.6	56.0	116.0
57	27.7	0.0	57.8

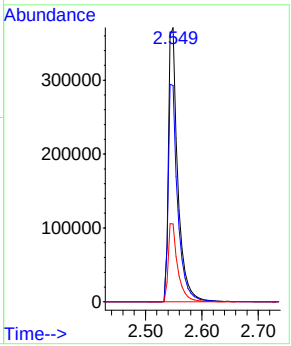


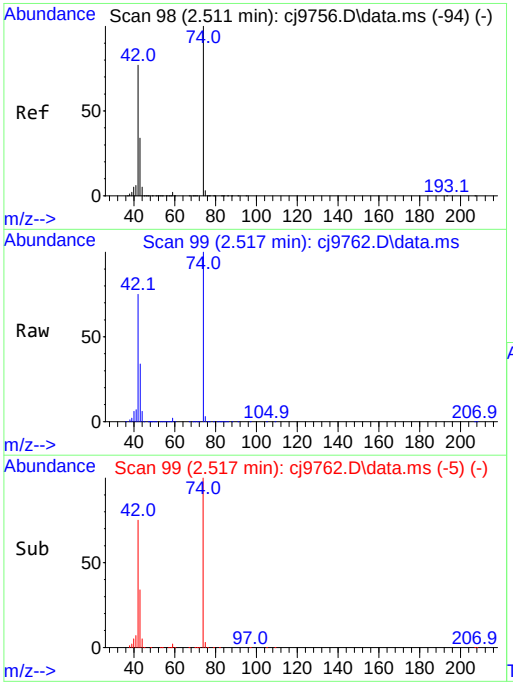


#3
Pyridine
Concen: 77.10 ppm
RT: 2.549 min Scan# 105
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 79 Resp: 430006

Ion	Ratio	Lower	Upper
79	100		
52	78.8	51.1	111.1
50	28.4	0.0	59.1

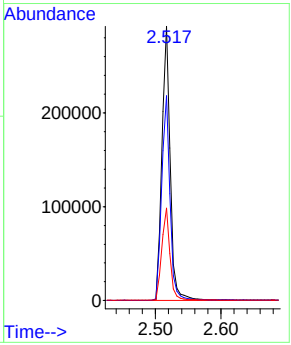


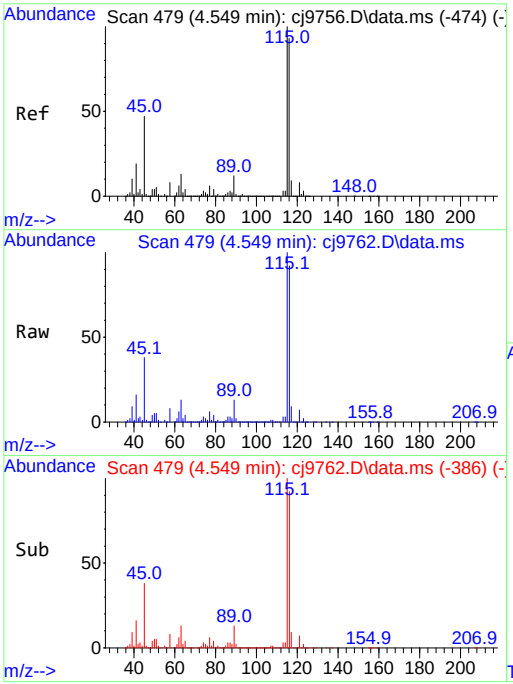


#4
N-Nitrosodimethylamine
Concen: 78.35 ppm
RT: 2.517 min Scan# 99
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 74 Resp: 260405

Ion	Ratio	Lower	Upper
74	100		
42	74.6	47.1	107.1
43	33.5	3.8	63.8

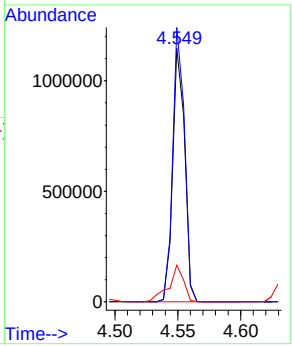


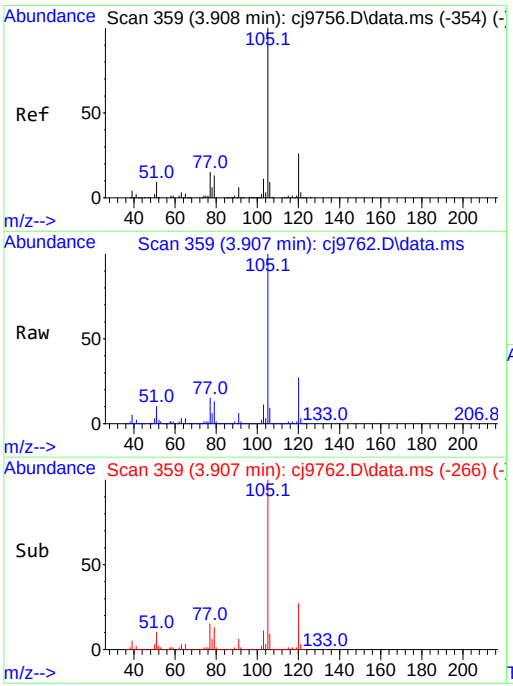


#6
Indene
Concen: 77.96 ppm
RT: 4.549 min Scan# 479
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:116 Resp: 753261

Ion	Ratio	Lower	Upper
116	100		
115	108.3	77.6	137.6
63	14.3	0.0	44.5

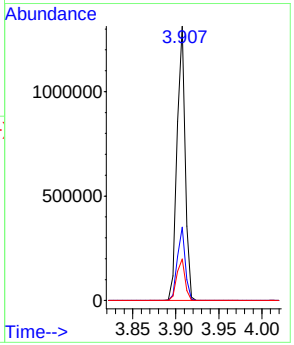


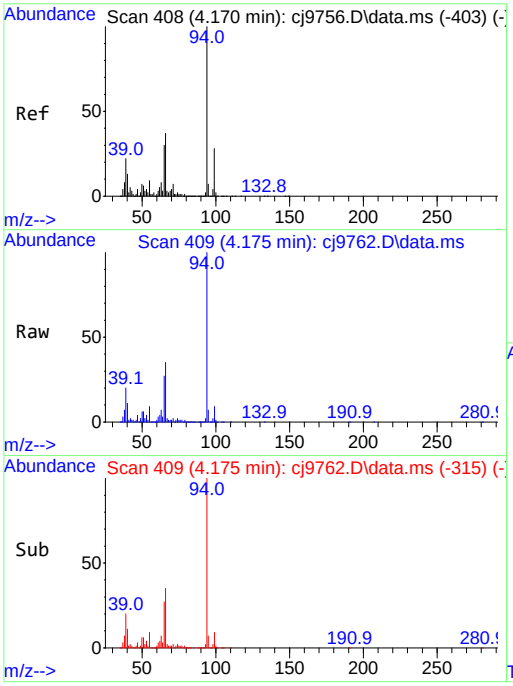


#7
Cumene
Concen: 77.17 ppm
RT: 3.907 min Scan# 359
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:105 Resp: 855146

Ion	Ratio	Lower	Upper
105	100		
120	26.8	0.0	56.3
77	15.1	0.0	44.5

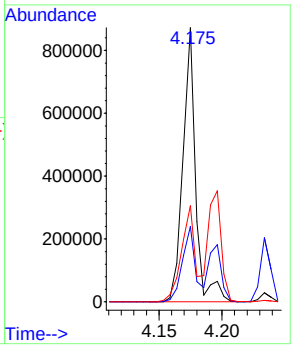


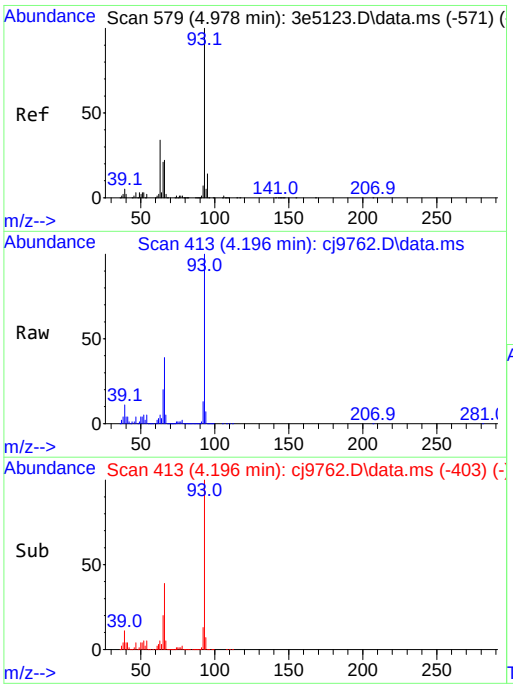


#9
Phenol
Concen: 84.03 ppm
RT: 4.175 min Scan# 409
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 94 Resp: 614234

Ion	Ratio	Lower	Upper
94	100		
65	27.5	0.0	55.8
66	35.0	0.0	59.9

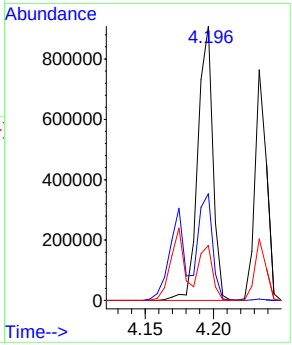


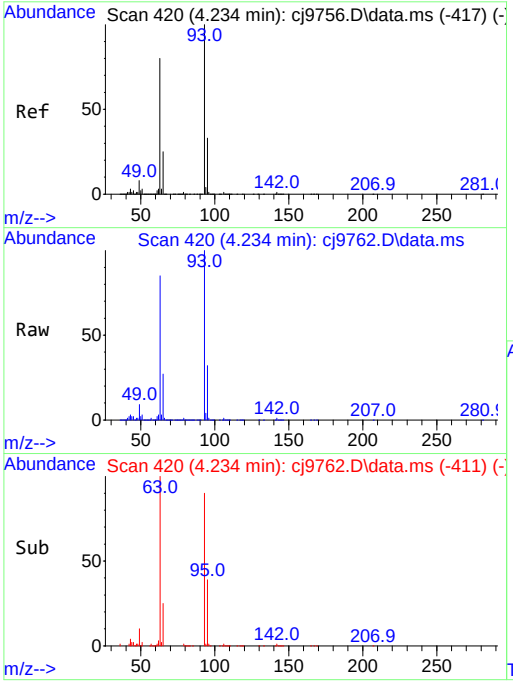


#10
Aniline
Concen: 77.32 ppm
RT: 4.196 min Scan# 413
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 93 Resp: 695400

Ion	Ratio	Lower	Upper
93	100		
66	38.7	8.9	68.9
65	20.0	0.0	50.8

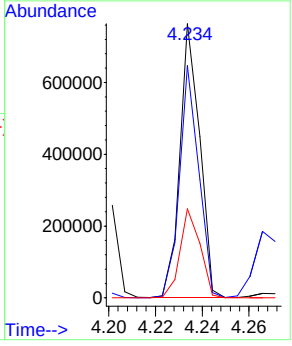


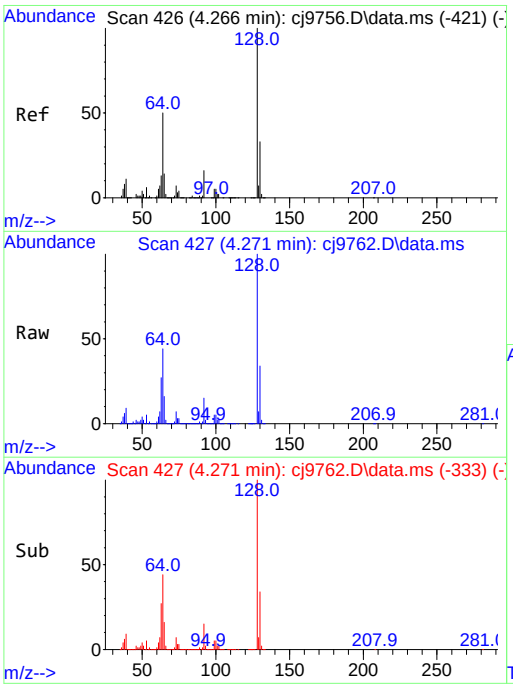


#11
bis(2-Chloroethyl)ether
Concen: 77.53 ppm
RT: 4.234 min Scan# 420
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 93 Resp: 448590

Ion	Ratio	Lower	Upper
93	100		
63	84.5	50.4	110.4
95	32.5	2.9	62.9

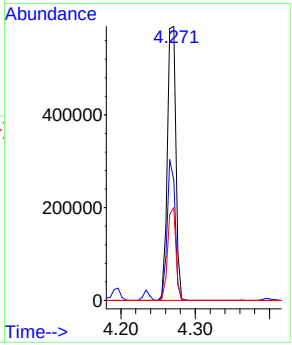


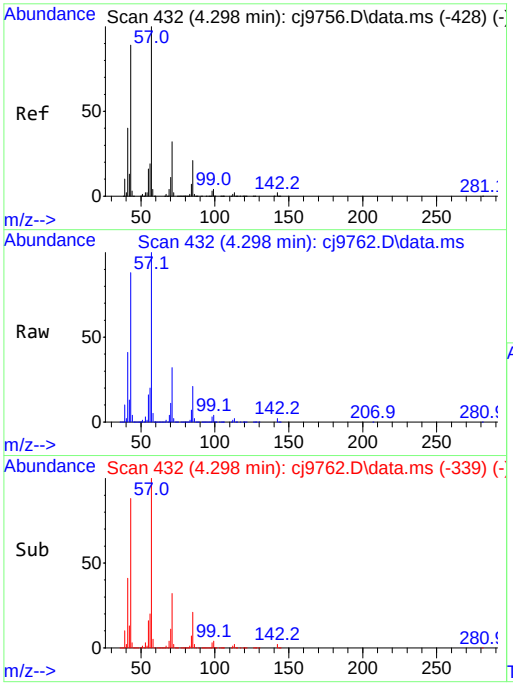


#12
2-Chlorophenol
Concen: 77.60 ppm
RT: 4.271 min Scan# 427
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:128 Resp: 468021

Ion	Ratio	Lower	Upper
128	100		
64	43.0	19.8	79.8
130	33.8	2.6	62.6

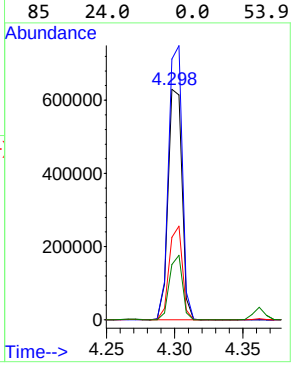


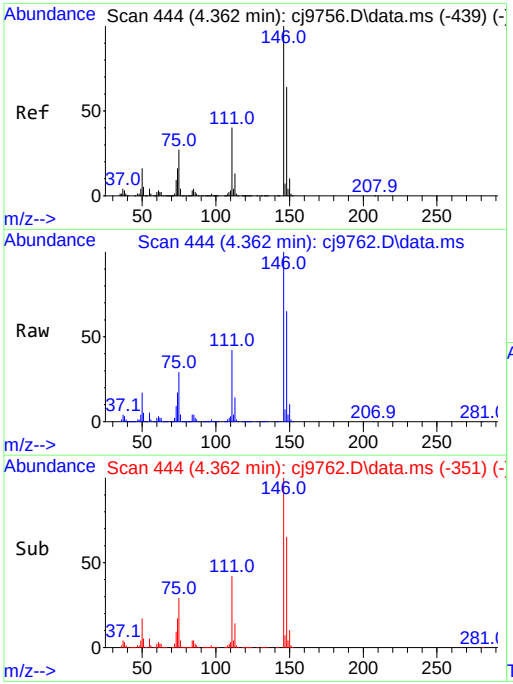


#13
Decane
Concen: 74.99 ppm
RT: 4.298 min Scan# 432
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 43 Resp: 450003

Ion	Ratio	Lower	Upper
43	100		
57	113.1	82.4	142.4
71	35.8	5.6	65.6
85	24.0	0.0	53.9

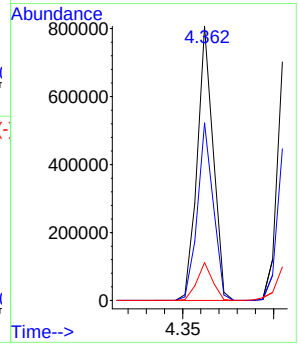


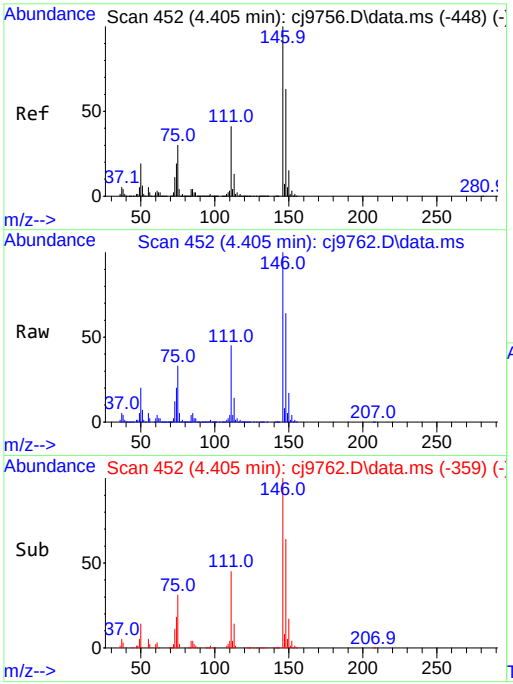


#14
1,3-Dichlorobenzene
Concen: 77.01 ppm
RT: 4.362 min Scan# 444
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:146 Resp: 491130

Ion	Ratio	Lower	Upper
146	100		
148	64.7	33.8	93.8
113	13.8	0.0	43.0

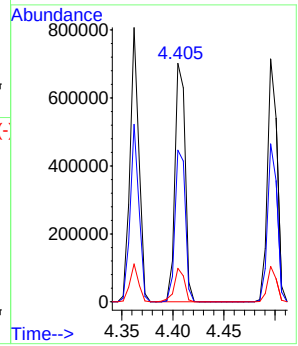


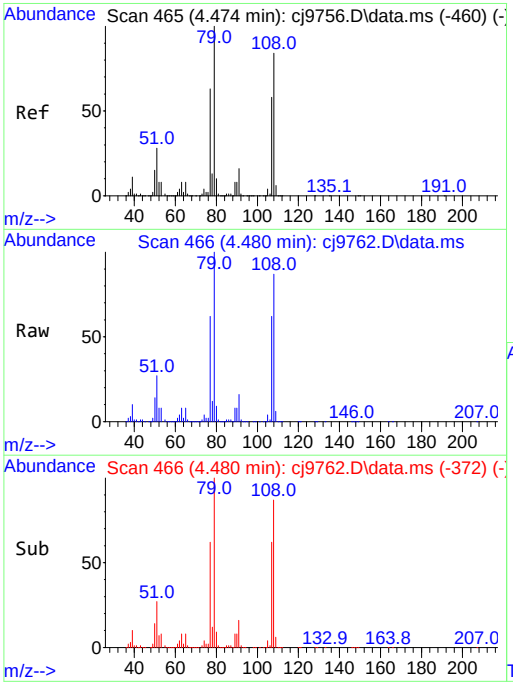


#15
1,4-Dichlorobenzene
Concen: 75.77 ppm
RT: 4.405 min Scan# 452
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:146 Resp: 486358

Ion	Ratio	Lower	Upper
146	100		
148	63.6	33.3	93.3
113	14.1	0.0	43.2

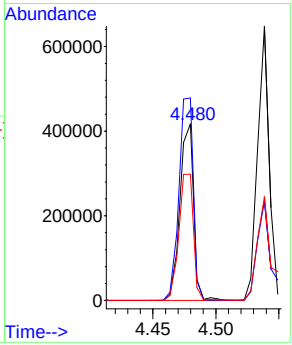


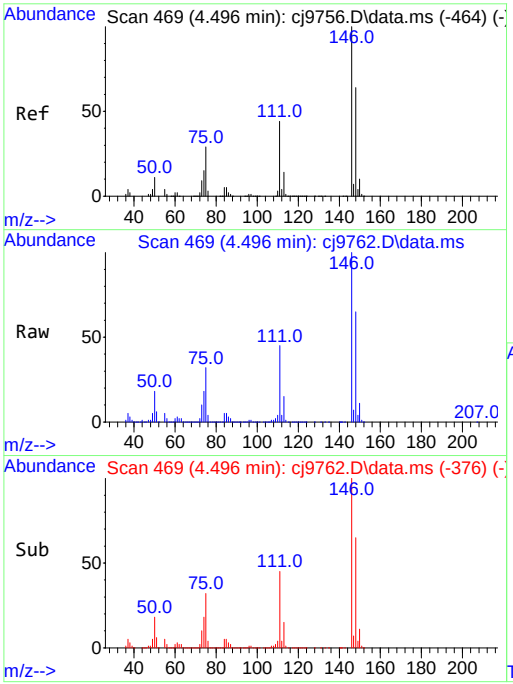


#16
Benzyl alcohol
Concen: 76.76 ppm
RT: 4.480 min Scan# 466
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:108 Resp: 315362

Ion	Ratio	Lower	Upper
108	100		
79	114.6	88.4	148.4
77	71.5	45.1	105.1

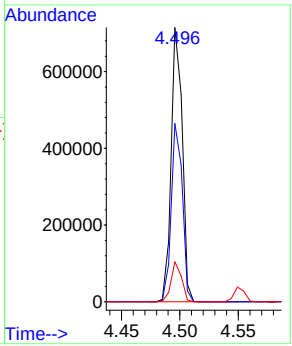


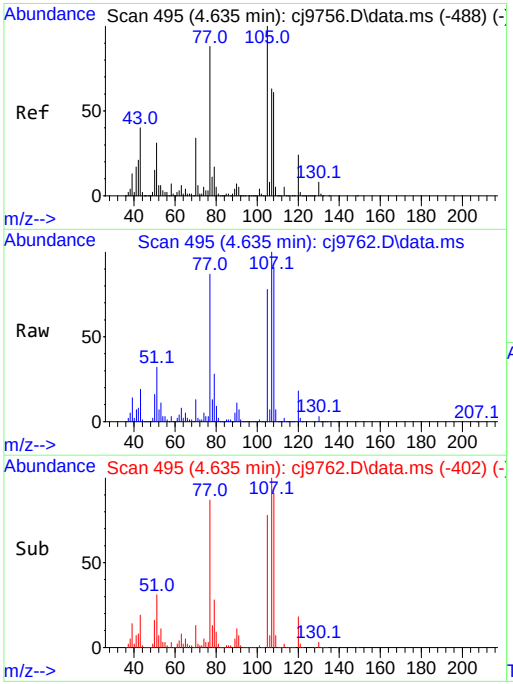


#17
1,2-Dichlorobenzene
Concen: 76.36 ppm
RT: 4.496 min Scan# 469
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:146 Resp: 470541

Ion	Ratio	Lower	Upper
146	100		
148	65.1	34.0	94.0
113	11.9	0.0	43.9

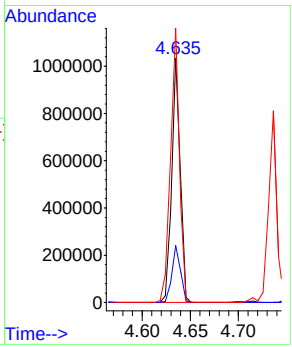


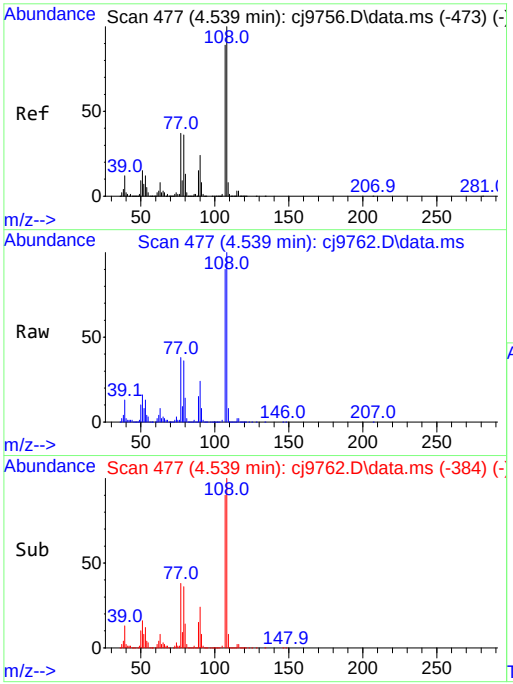


#18
Acetophenone
Concen: 76.26 ppm
RT: 4.635 min Scan# 495
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:105 Resp: 630661

Ion	Ratio	Lower	Upper
105	100		
120	23.1	0.0	54.0
77	112.3	57.6	117.6

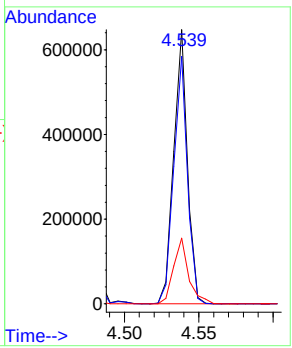


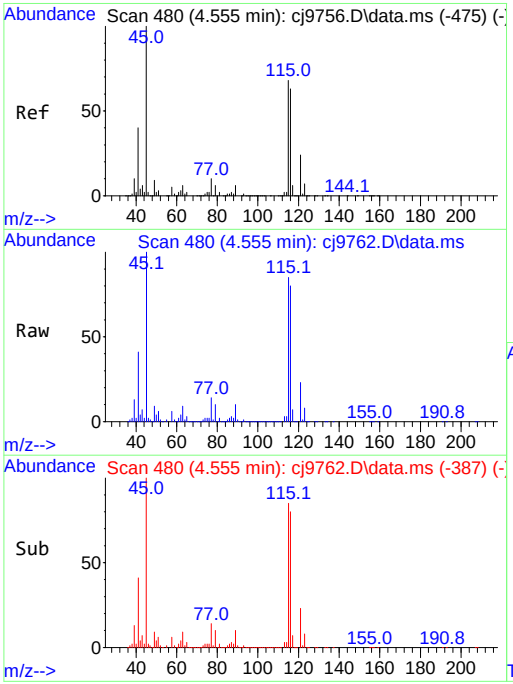


#19
2-Methylphenol
Concen: 78.03 ppm
RT: 4.539 min Scan# 477
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:108 Resp: 416572

Ion	Ratio	Lower	Upper
108	100		
107	90.2	59.5	119.5
90	24.0	0.0	53.5

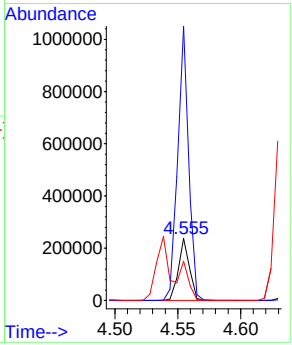


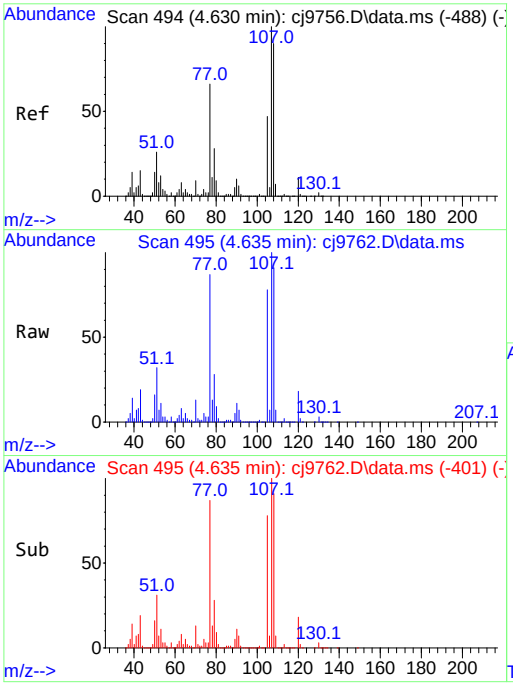


#20
2,2'-oxybis(1-Chloropropane
Concen: 77.64 ppm
RT: 4.555 min Scan# 480
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:121 Resp: 143473

Ion	Ratio	Lower	Upper
121	100		
45	441.6	389.8	449.8
77	58.1	18.9	78.9

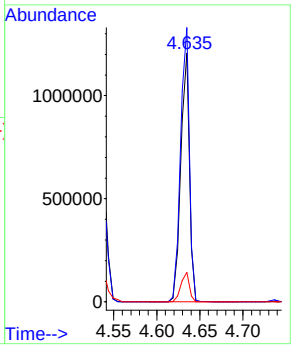


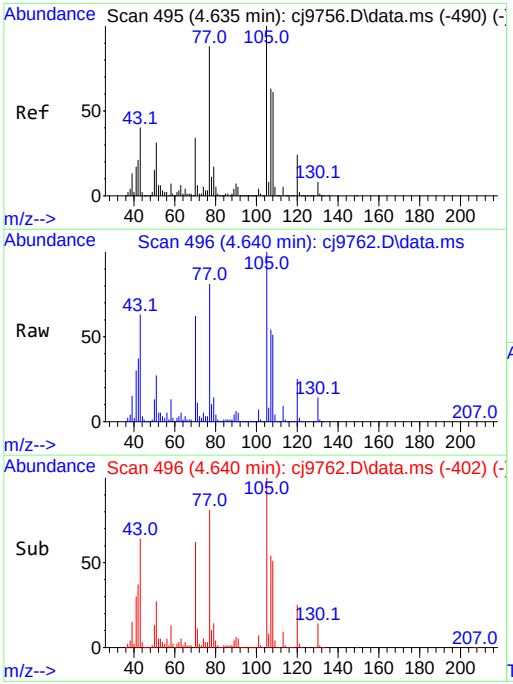


#21
3&4-Methylphenol
Concen: 153.78 ppm
RT: 4.635 min Scan# 495
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:108 Resp: 842375

Ion	Ratio	Lower	Upper
108	100		
107	110.3	81.2	141.2
90	11.9	0.0	41.3

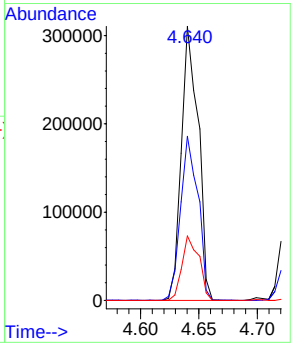


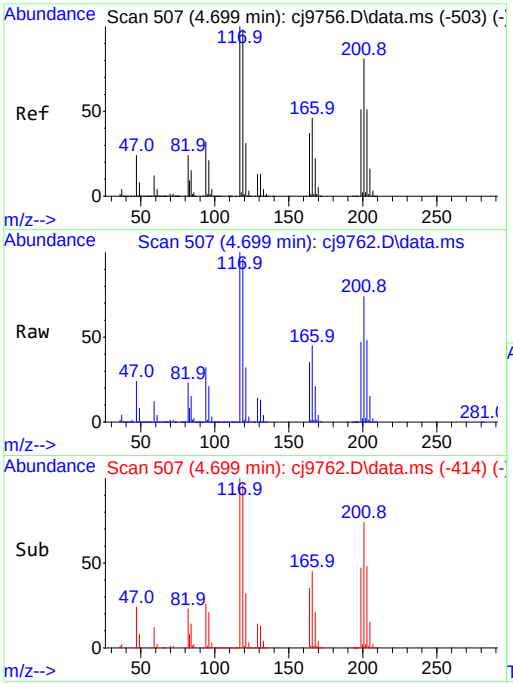


#22
n-Nitroso-di-n-propylamine
Concen: 77.17 ppm
RT: 4.640 min Scan# 496
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 70 Resp: 311953

Ion	Ratio	Lower	Upper
70	100		
42	59.8	31.2	91.2
130	23.5	0.0	52.5

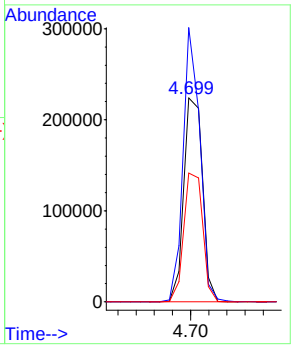


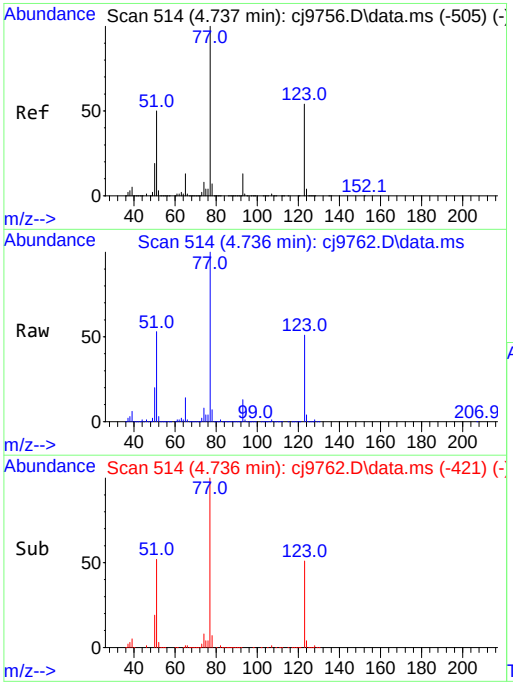


#23
Hexachloroethane
Concen: 74.38 ppm
RT: 4.699 min Scan# 507
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:201 Resp: 159901

Ion	Ratio	Lower	Upper
201	100		
117	134.5	94.0	154.0
199	63.2	33.7	93.7

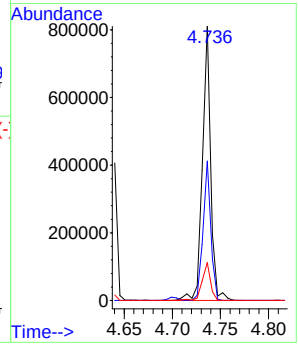


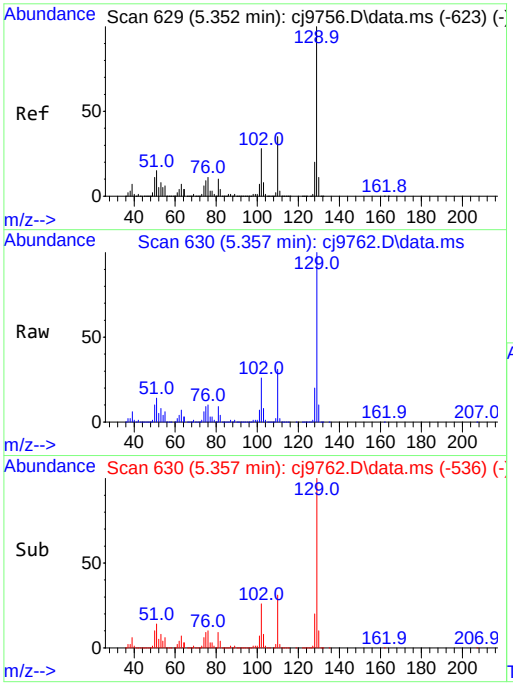


#26
Nitrobenzene
Concen: 77.21 ppm
RT: 4.736 min Scan# 514
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 77 Resp: 484623

Ion	Ratio	Lower	Upper
77	100		
123	50.8	23.6	83.6
65	13.9	0.0	43.4

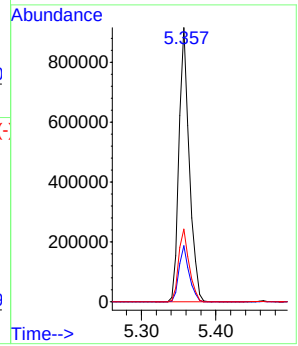


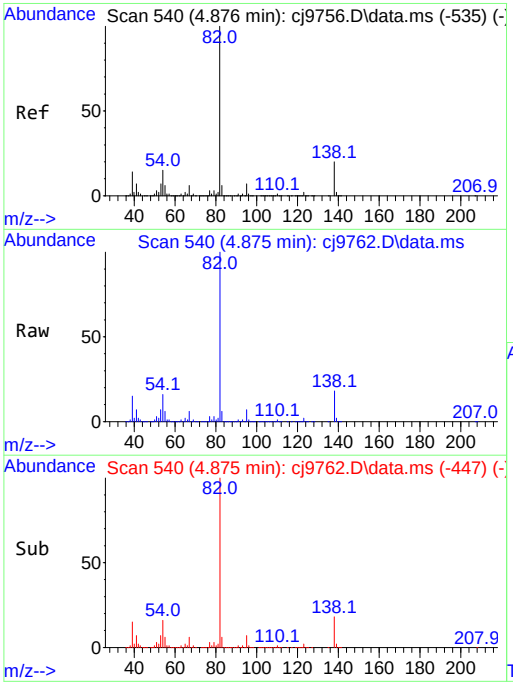


#27
Quinoline
Concen: 77.85 ppm
RT: 5.357 min Scan# 630
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:129 Resp: 880434

Ion	Ratio	Lower	Upper
129	100		
128	20.5	0.0	49.9
102	26.5	0.0	58.1

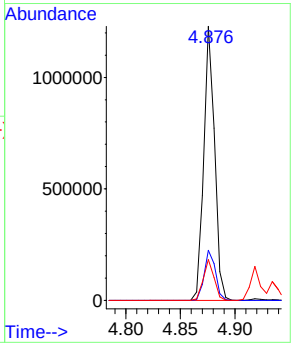


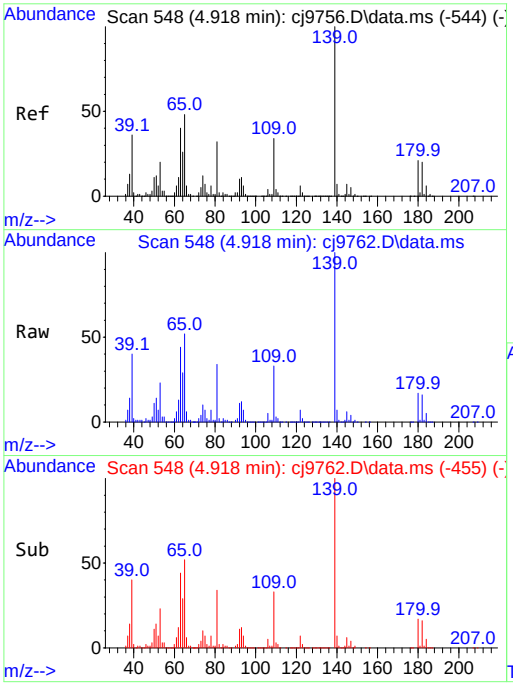


#28
Isophorone
Concen: 76.71 ppm
RT: 4.875 min Scan# 540
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 82 Resp: 852864

Ion	Ratio	Lower	Upper
82	100		
138	18.3	0.0	50.3
39	14.9	0.0	44.0

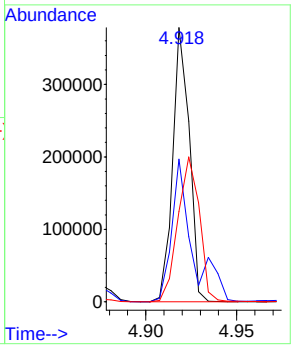


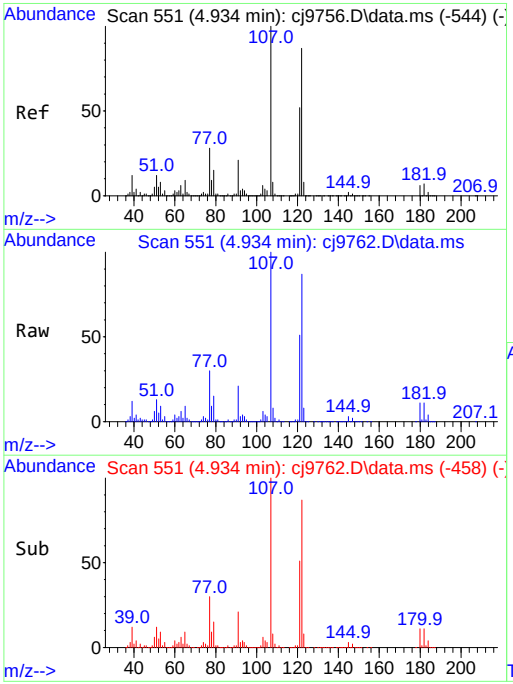


#29
2-Nitrophenol
Concen: 76.48 ppm
RT: 4.918 min Scan# 548
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:139 Resp: 241400

Ion	Ratio	Lower	Upper
139	100		
65	51.9	17.5	77.5
109	32.8	3.8	63.8

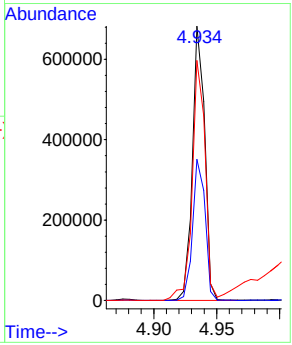


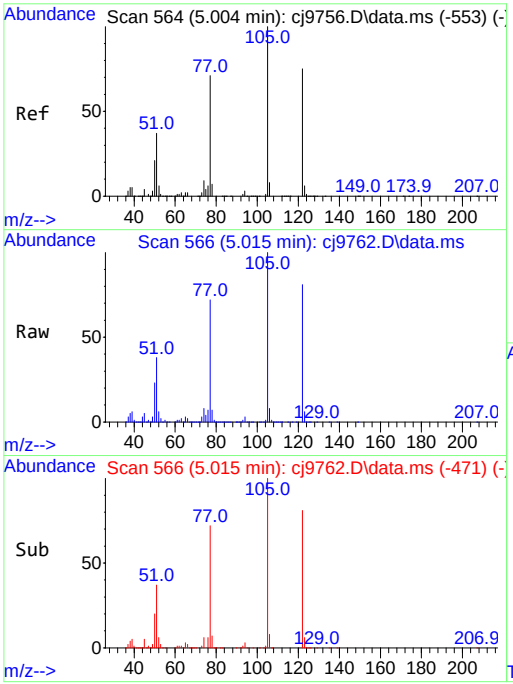


#30
2,4-Dimethylphenol
Concen: 78.24 ppm
RT: 4.934 min Scan# 551
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:107 Resp: 465420

Ion	Ratio	Lower	Upper
107	100		
121	51.5	21.7	81.7
122	84.9	53.4	113.4

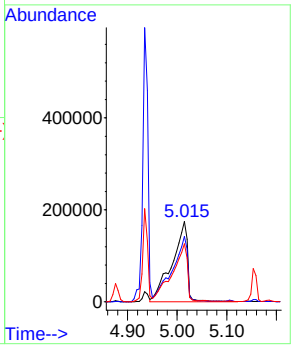


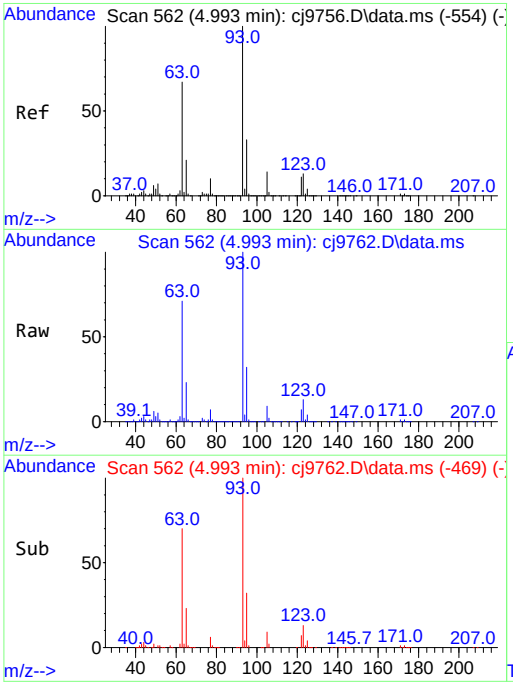


#31
Benzoic acid
Concen: 79.37 ppm
RT: 5.015 min Scan# 566
Delta R.T. 0.011 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:105 Resp: 382795

Ion	Ratio	Lower	Upper
105	100		
122	70.3	48.8	108.8
77	69.6	42.1	102.1

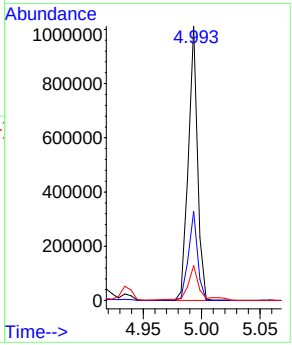


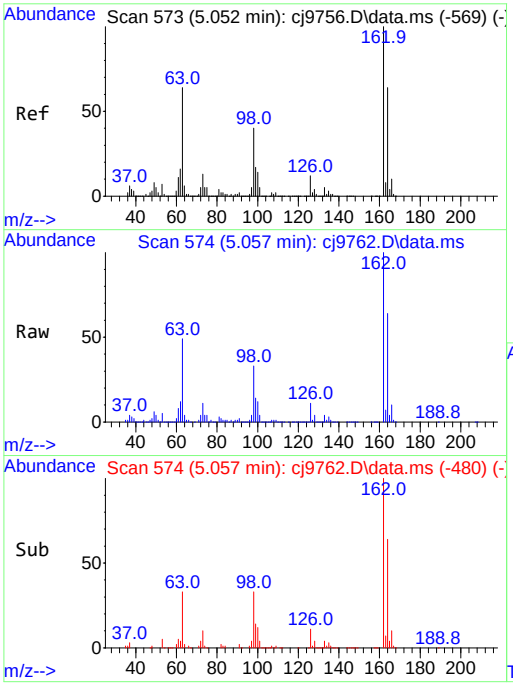


#32
bis(2-Chloroethoxy)methane
Concen: 77.34 ppm
RT: 4.993 min Scan# 562
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 93 Resp: 553693

Ion	Ratio	Lower	Upper
93	100		
95	32.4	3.0	63.0
123	12.6	0.0	43.0

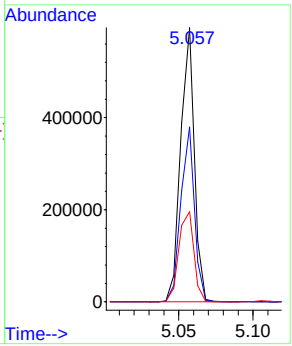


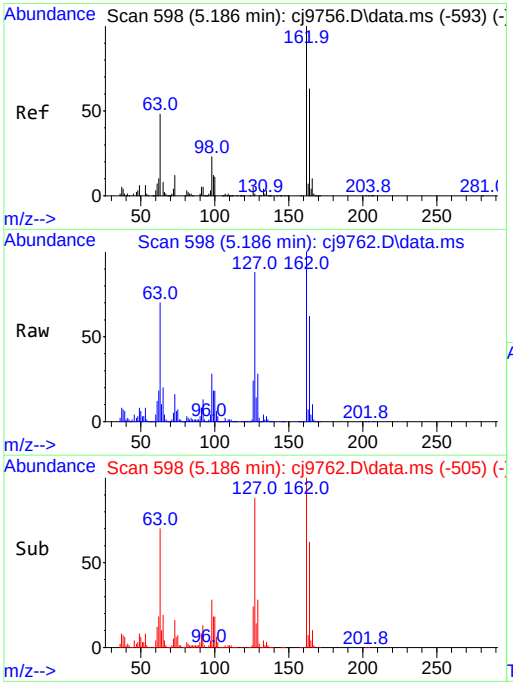


#33
2,4-Dichlorophenol
Concen: 77.76 ppm
RT: 5.057 min Scan# 574
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:162 Resp: 380292

Ion	Ratio	Lower	Upper
162	100		
164	63.7	34.2	94.2
98	32.9	9.7	69.7

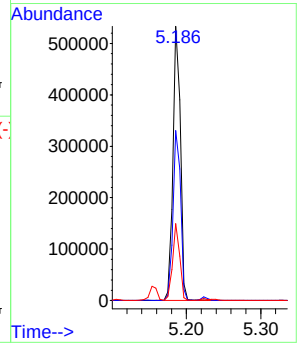


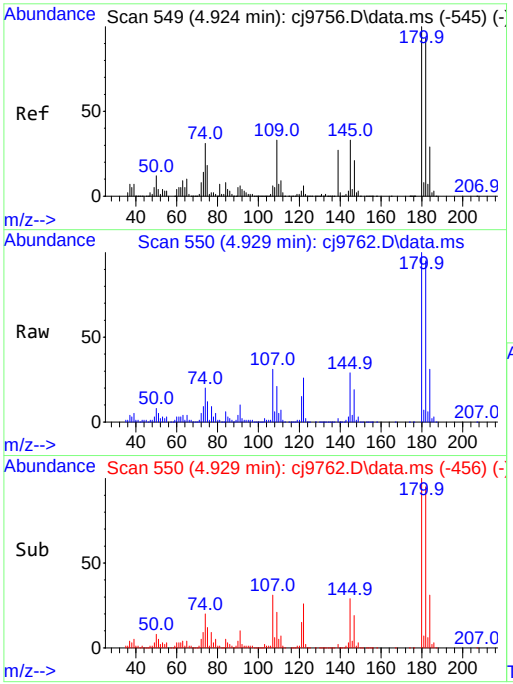


#34
2,6-Dichlorophenol
Concen: 77.09 ppm
RT: 5.186 min Scan# 598
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:162 Resp: 370591

Ion	Ratio	Lower	Upper
162	100		
164	62.0	33.4	93.4
98	25.8	0.0	54.6

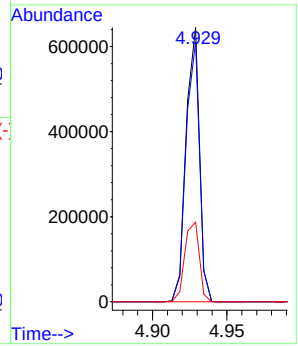


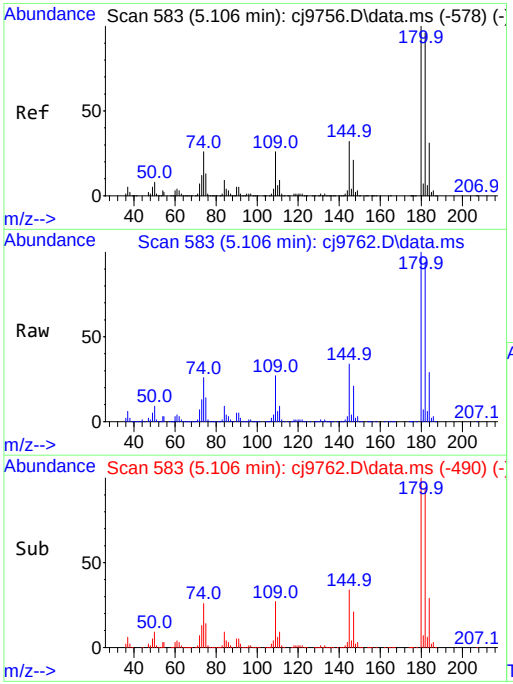


#35
1,3,5-Trichlorobenzene
Concen: 75.15 ppm
RT: 4.929 min Scan# 550
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:180 Resp: 404037

Ion	Ratio	Lower	Upper
180	100		
182	94.7	63.0	123.0
145	29.1	3.0	63.0

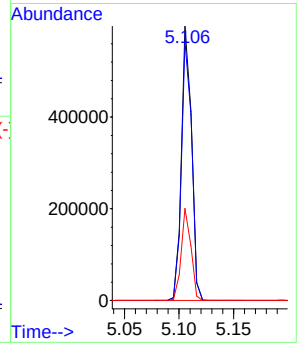


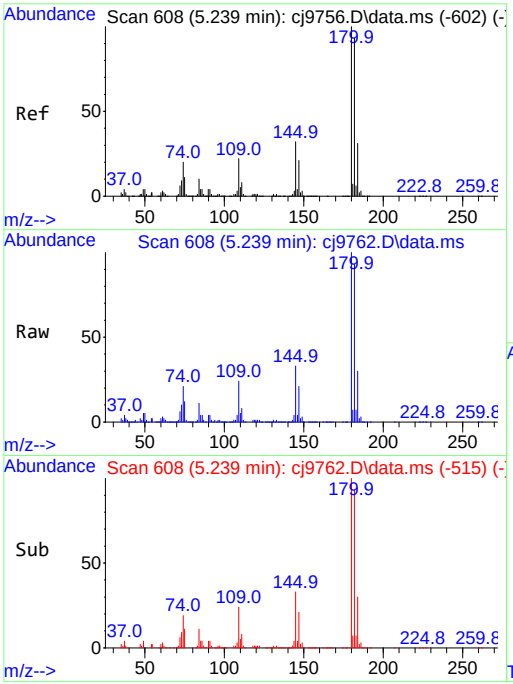


#36
1,2,4-Trichlorobenzene
Concen: 76.58 ppm
RT: 5.106 min Scan# 583
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:180 Resp: 387624

Ion	Ratio	Lower	Upper
180	100		
182	94.4	66.0	126.0
145	33.6	2.4	62.4

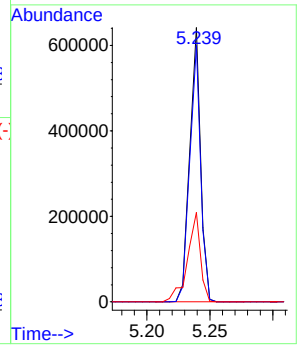


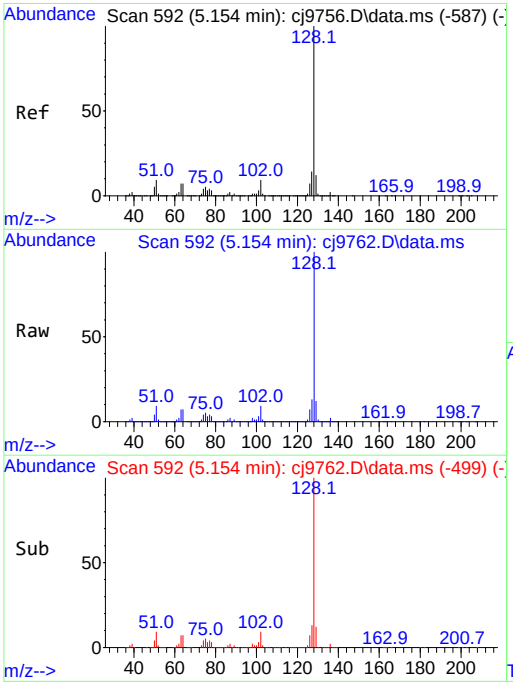


#37
1,2,3-Trichlorobenzene
Concen: 77.90 ppm
RT: 5.239 min Scan# 608
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:180 Resp: 388040

Ion	Ratio	Lower	Upper
180	100		
182	93.5	62.6	122.6
145	32.6	2.2	62.2

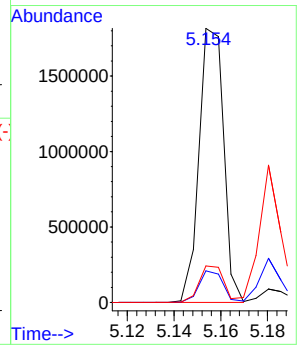


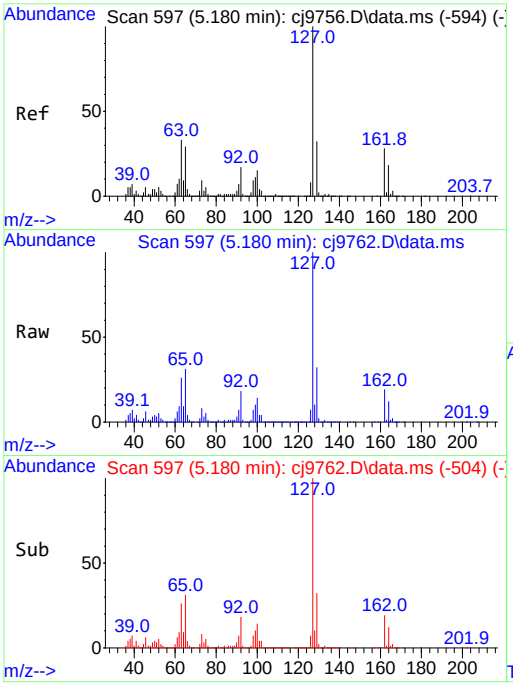


#38
Naphthalene
Concen: 79.19 ppm
RT: 5.154 min Scan# 592
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:128 Resp: 1326553

Ion	Ratio	Lower	Upper
128	100		
129	11.3	0.0	41.0
127	12.5	0.0	42.0

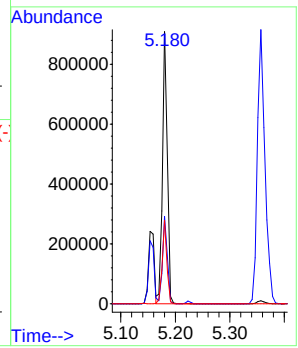


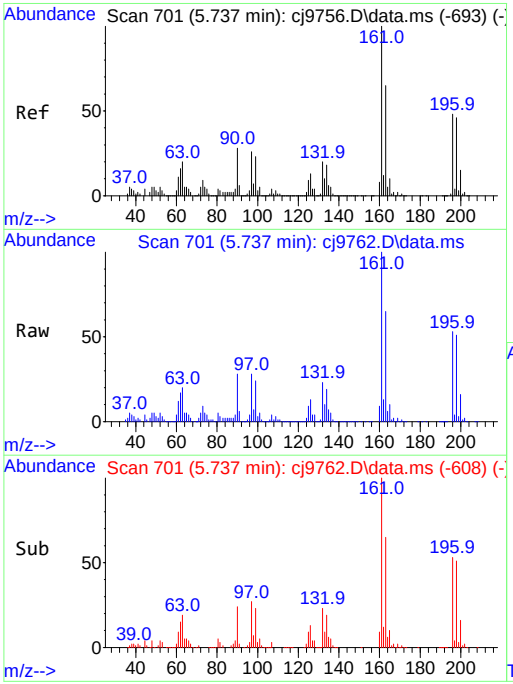


#39
4-Chloroaniline
Concen: 77.35 ppm
RT: 5.180 min Scan# 597
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:127 Resp: 563647

Ion	Ratio	Lower	Upper
127	100		
129	31.5	1.9	61.9
65	31.0	0.0	58.3

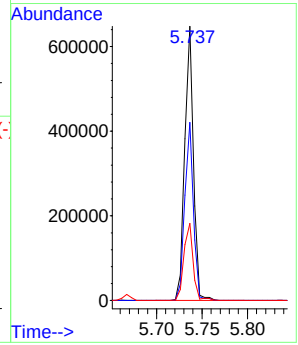


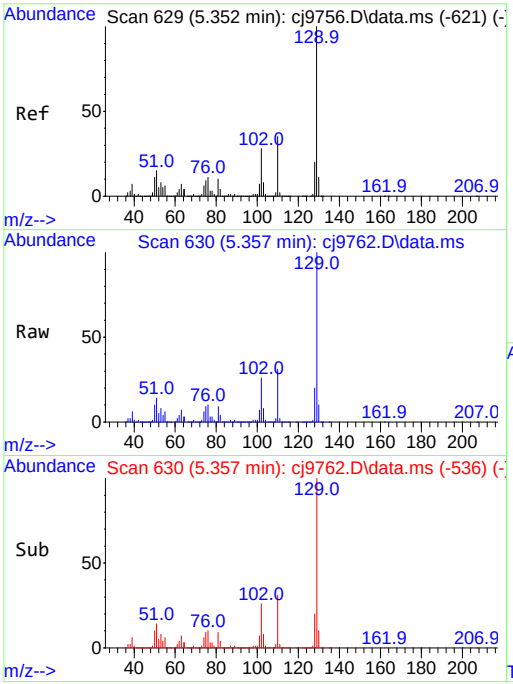


#40
2,3-Dichloroaniline
Concen: 78.23 ppm
RT: 5.737 min Scan# 701
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:161 Resp: 432119

Ion	Ratio	Lower	Upper
161	100		
163	64.9	34.9	94.9
90	28.1	0.0	57.9

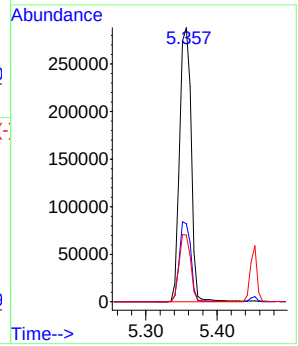


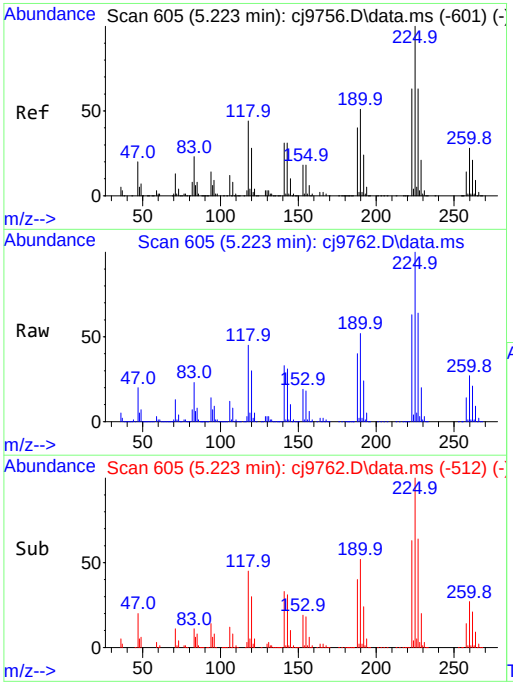


#41
Hydroquinone
Concen: 83.27 ppm
RT: 5.357 min Scan# 630
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:110 Resp: 326396

Ion	Ratio	Lower	Upper
110	100		
81	28.5	0.0	58.8
53	24.2	0.0	53.6

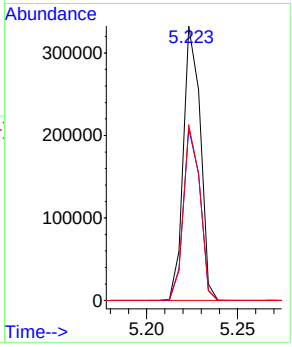


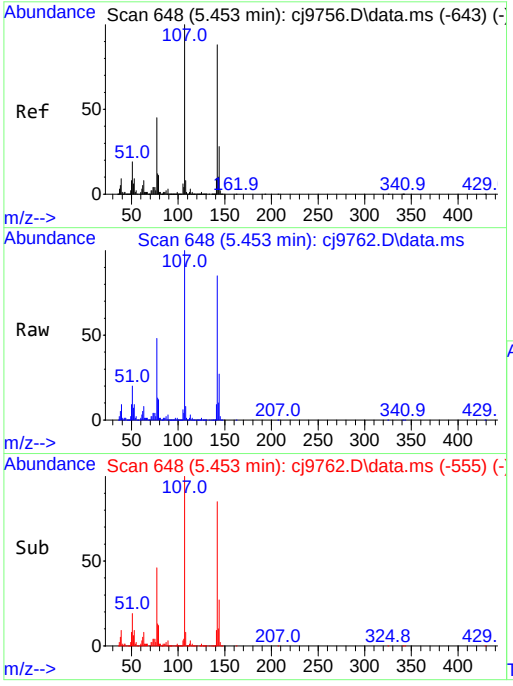


#42
Hexachlorobutadiene
Concen: 78.19 ppm
RT: 5.223 min Scan# 605
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:225 Resp: 214646

Ion	Ratio	Lower	Upper
225	100		
223	62.8	33.2	93.2
227	64.0	33.2	93.2

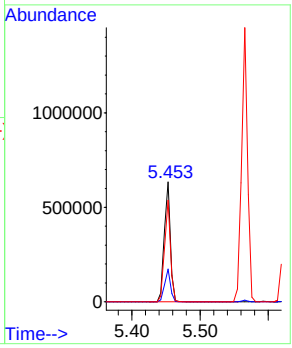


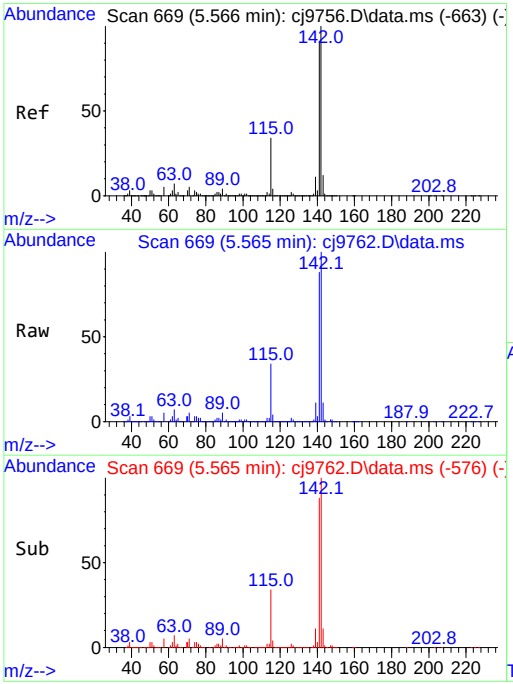


#43
4-Chloro-3-methylphenol
Concen: 77.31 ppm
RT: 5.453 min Scan# 648
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:107 Resp: 390807

Ion	Ratio	Lower	Upper
107	100		
144	27.3	0.0	58.3
142	79.3	58.1	118.1

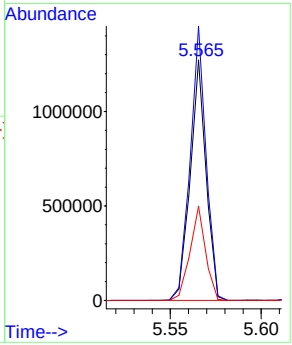


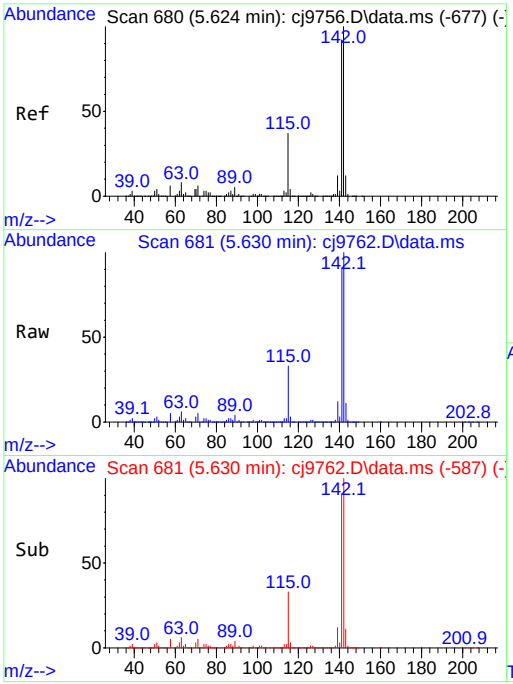


#44
2-Methylnaphthalene
Concen: 75.74 ppm
RT: 5.565 min Scan# 669
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:141 Resp: 771883

Ion	Ratio	Lower	Upper
141	100		
142	114.1	80.2	140.2
115	39.1	7.4	67.4

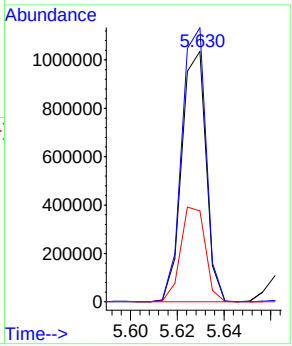


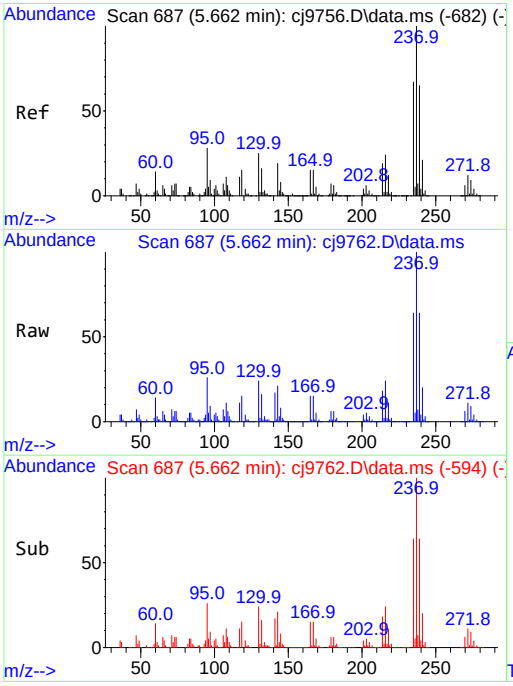


#45
1-Methylnaphthalene
Concen: 77.70 ppm
RT: 5.630 min Scan# 681
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:141 Resp: 747086

Ion	Ratio	Lower	Upper
141	100		
142	109.5	79.3	139.3
115	36.3	10.2	70.2

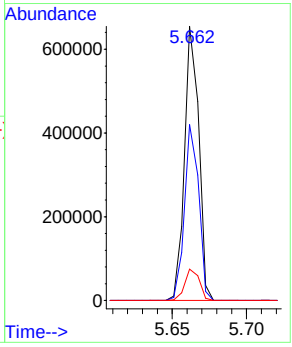


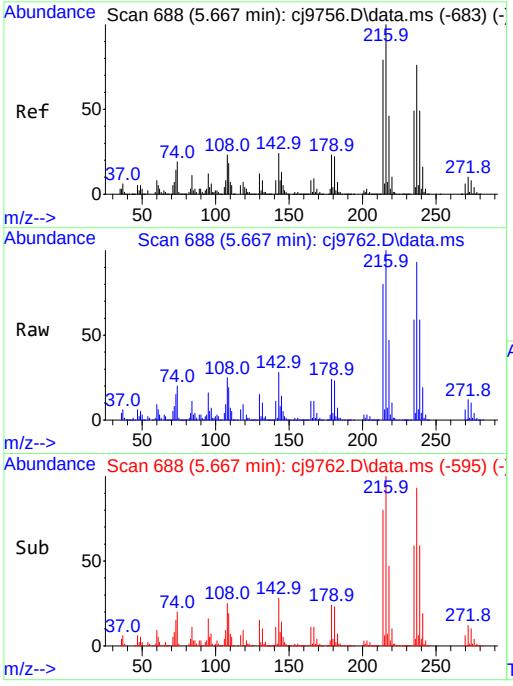


#47
Hexachlorocyclopentadiene
Concen: 158.98 ppm
RT: 5.662 min Scan# 687
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:237 Resp: 434383

Ion	Ratio	Lower	Upper
237	100		
235	64.1	37.2	97.2
272	11.5	0.0	41.7

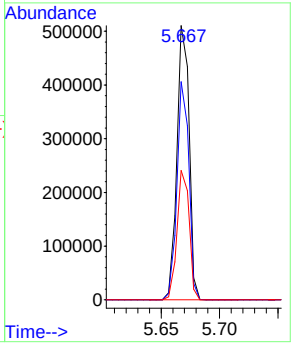


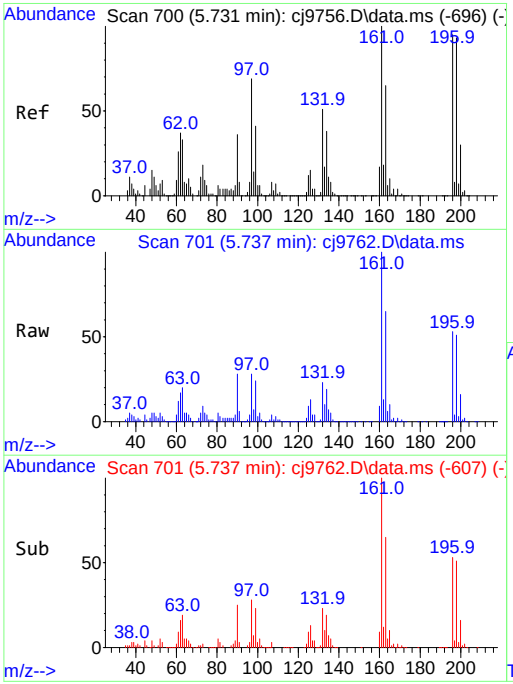


#48
1,2,4,5-tetrachlorobenzene
Concen: 77.40 ppm
RT: 5.667 min Scan# 688
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:216 Resp: 371388

Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.8	94.2
218	46.8	37.3	55.9

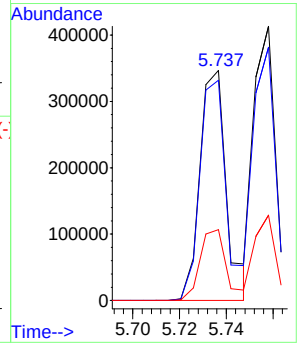


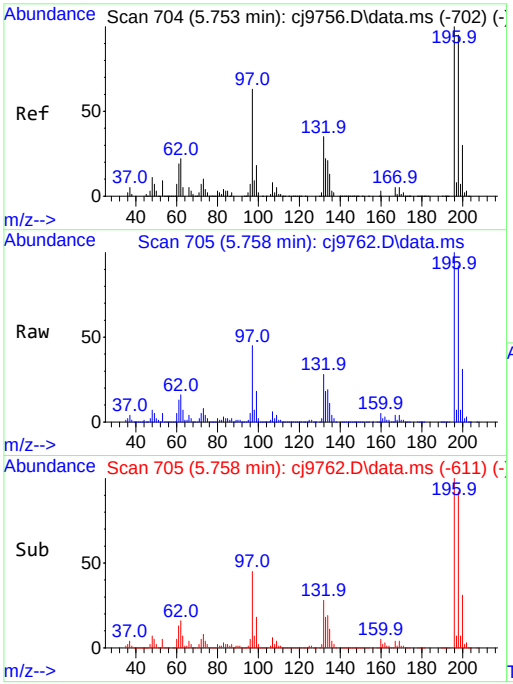


#49
2,4,6-Trichlorophenol
Concen: 83.07 ppm
RT: 5.737 min Scan# 701
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:196 Resp: 272705

Ion	Ratio	Lower	Upper
196	100		
198	95.8	67.2	127.2
200	31.1	0.8	60.8

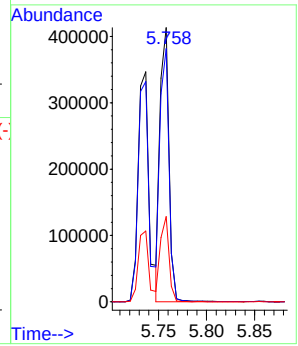


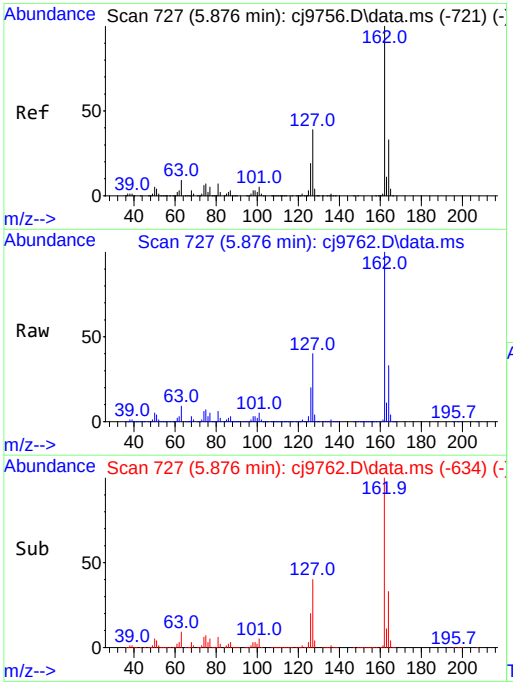


#50
2,4,5-Trichlorophenol
Concen: 75.55 ppm
RT: 5.758 min Scan# 705
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:196 Resp: 269079

Ion	Ratio	Lower	Upper
196	100		
198	92.0	65.1	125.1
200	31.3	0.0	60.0

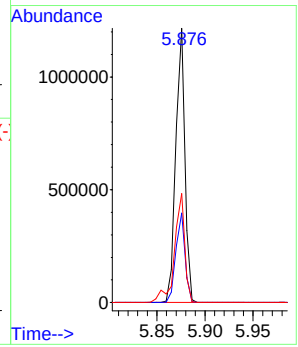


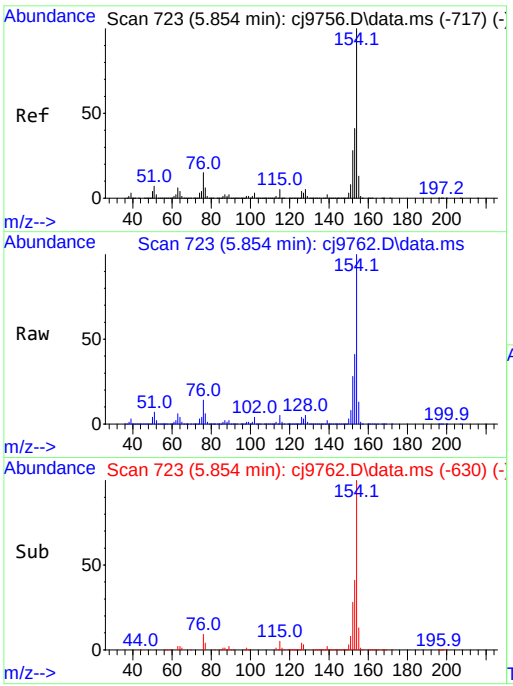


#52
2-Chloronaphthalene
Concen: 77.69 ppm
RT: 5.876 min Scan# 727
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:162 Resp: 799661

Ion	Ratio	Lower	Upper
162	100		
164	32.6	3.5	63.5
127	39.1	9.4	69.4

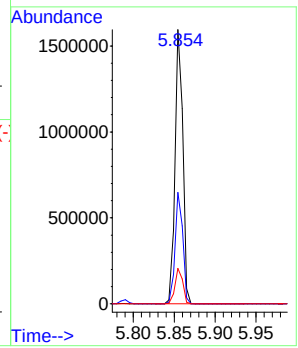


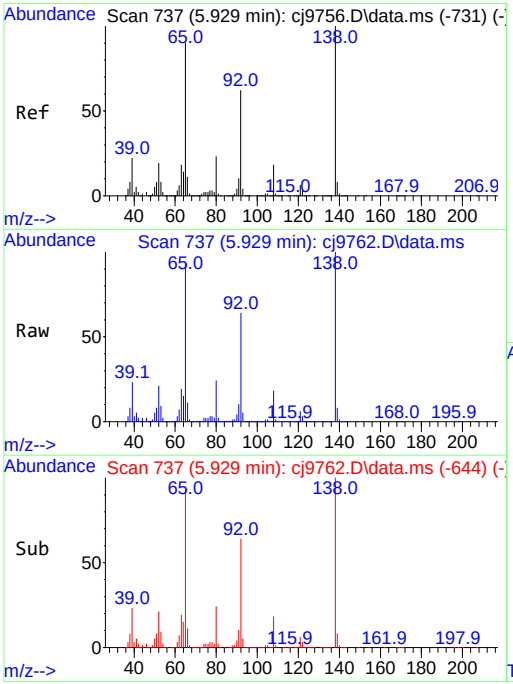


#53
Biphenyl
Concen: 79.81 ppm
RT: 5.854 min Scan# 723
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:154 Resp: 1051921

Ion	Ratio	Lower	Upper
154	100		
153	40.6	11.4	71.4
155	12.9	0.0	43.2

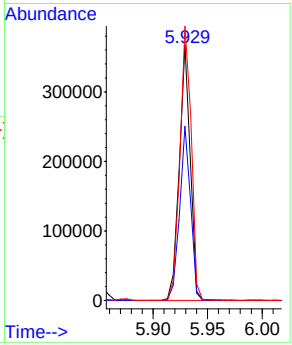


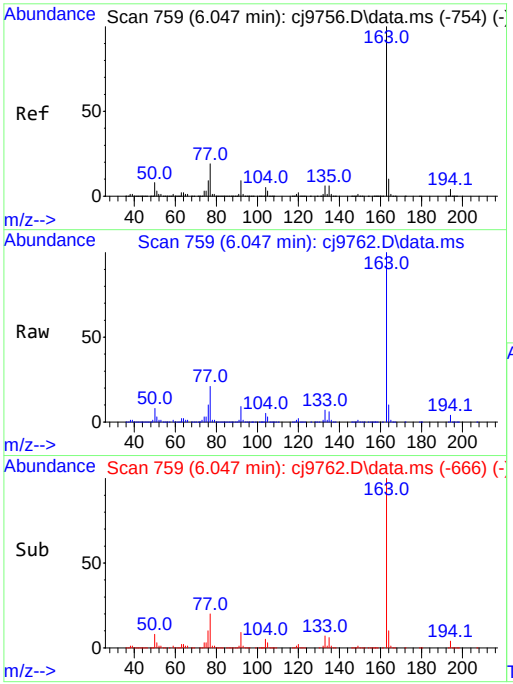


#54
2-Nitroaniline
Concen: 78.33 ppm
RT: 5.929 min Scan# 737
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 65 Resp: 256994

Ion	Ratio	Lower	Upper
65	100		
92	68.2	38.9	98.9
138	107.3	81.3	141.3

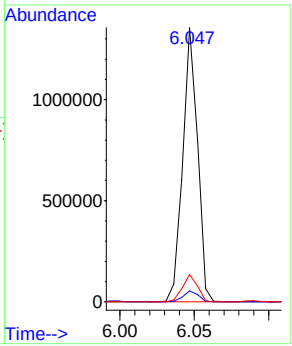


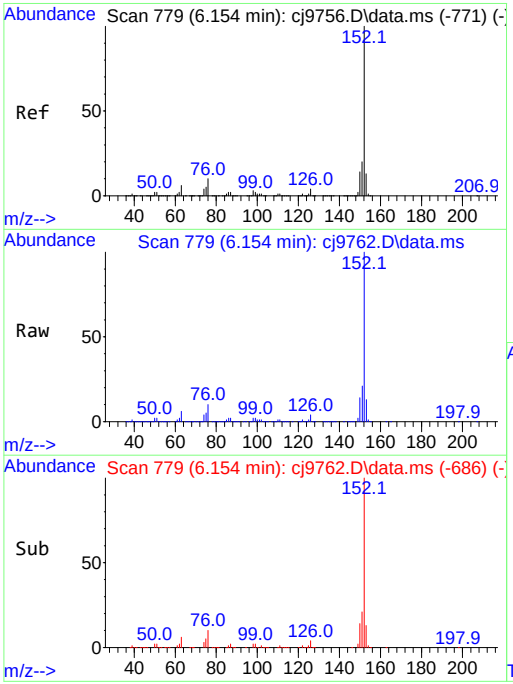


#55
Dimethylphthalate
Concen: 77.60 ppm
RT: 6.047 min Scan# 759
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:163 Resp: 934783

Ion	Ratio	Lower	Upper
163	100		
194	4.0	0.0	34.1
164	10.0	0.0	40.2

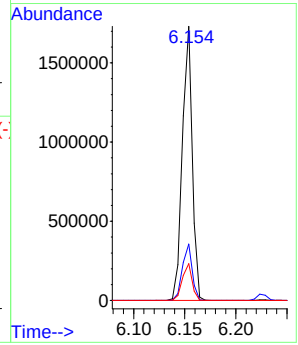


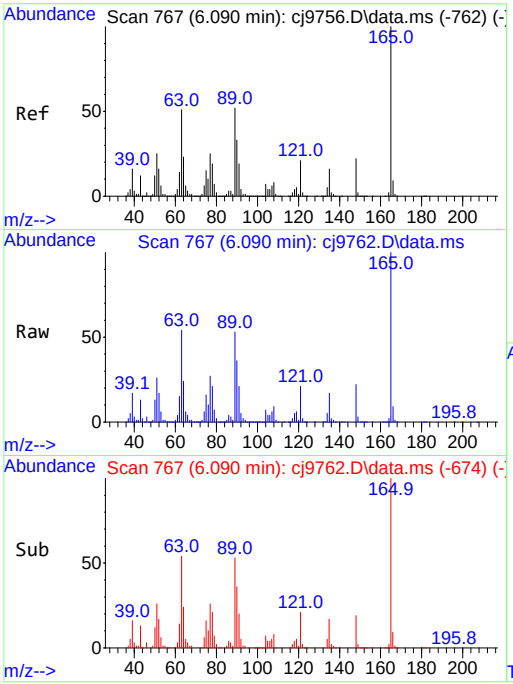


#56
Acenaphthylene
Concen: 78.23 ppm
RT: 6.154 min Scan# 779
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:152 Resp: 1170214

Ion	Ratio	Lower	Upper
152	100		
151	20.6	0.0	50.2
153	13.4	0.0	43.2

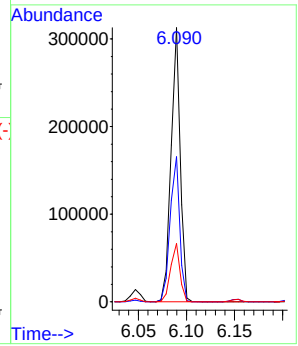


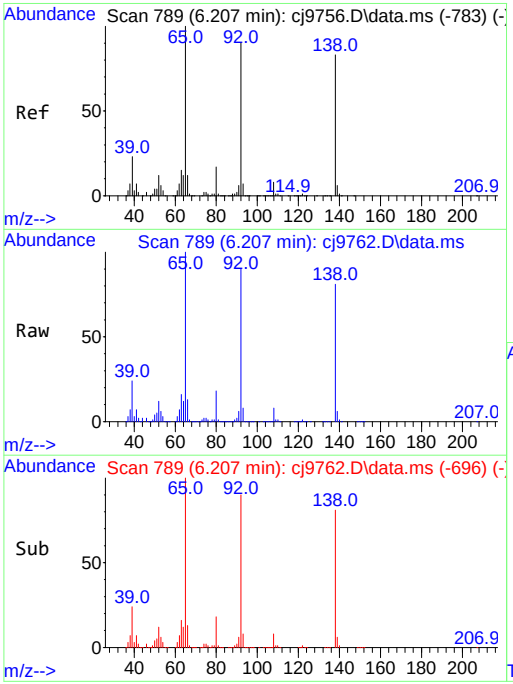


#57
2,6-Dinitrotoluene
Concen: 78.35 ppm
RT: 6.090 min Scan# 767
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:165 Resp: 207336

Ion	Ratio	Lower	Upper
165	100		
89	52.8	21.5	81.5
121	21.1	0.0	50.9

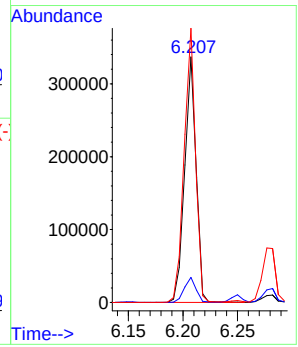


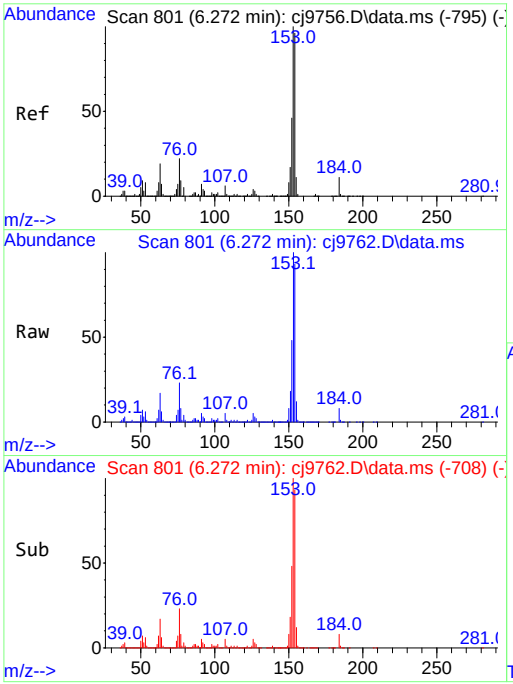


#58
3-Nitroaniline
Concen: 79.19 ppm
RT: 6.207 min Scan# 789
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:138 Resp: 245713

Ion	Ratio	Lower	Upper
138	100		
108	9.7	0.0	39.2
92	111.6	78.1	138.1

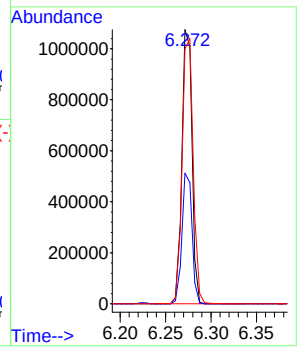


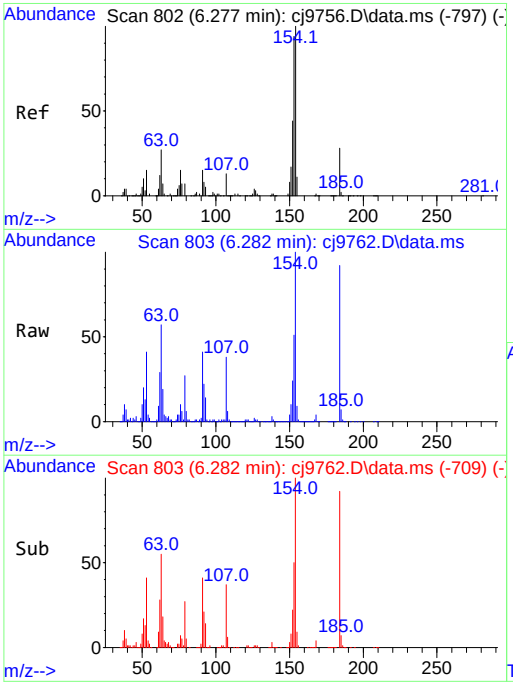


#59
Acenaphthene
Concen: 77.87 ppm
RT: 6.272 min Scan# 801
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:153 Resp: 837848

Ion	Ratio	Lower	Upper
153	100		
152	47.6	16.3	76.3
154	92.8	65.5	125.5

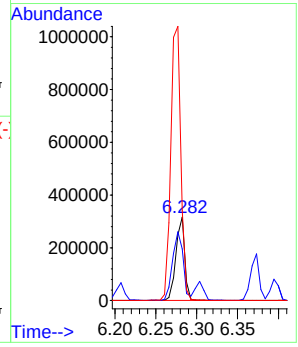


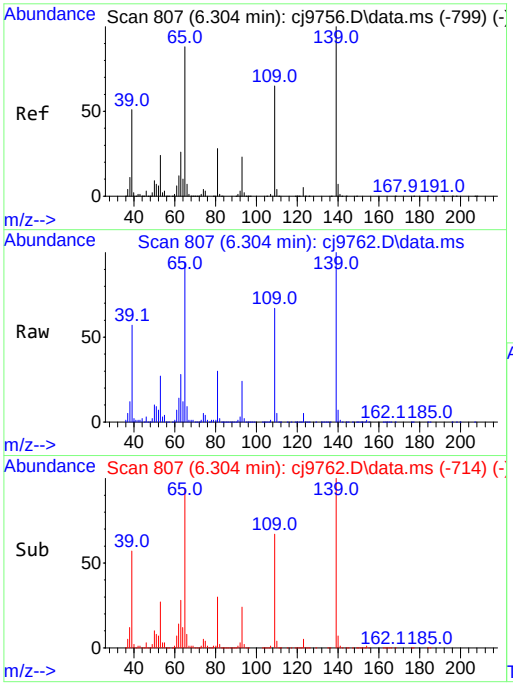


#60
2,4-Dinitrophenol
Concen: 162.67 ppm
RT: 6.282 min Scan# 803
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:184 Resp: 238379

Ion	Ratio	Lower	Upper
184	100		
63	61.0	66.5	126.5#
154	107.9	333.5	393.5#

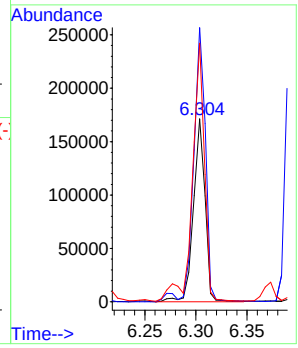


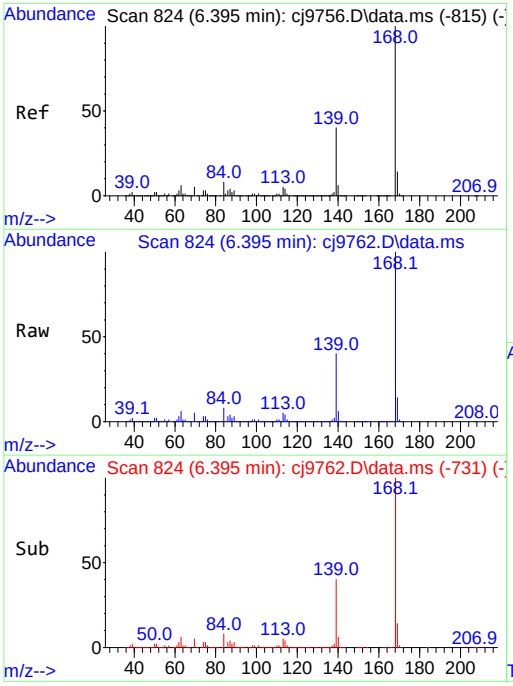


#61
4-Nitrophenol
Concen: 78.88 ppm
RT: 6.304 min Scan# 807
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:109 Resp: 135778

Ion	Ratio	Lower	Upper
109	100		
139	149.8	125.2	185.2
65	141.1	105.7	165.7

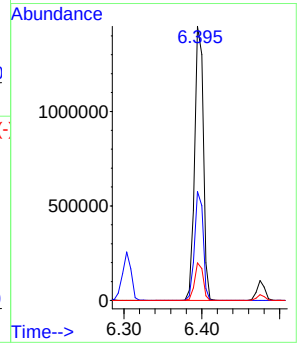


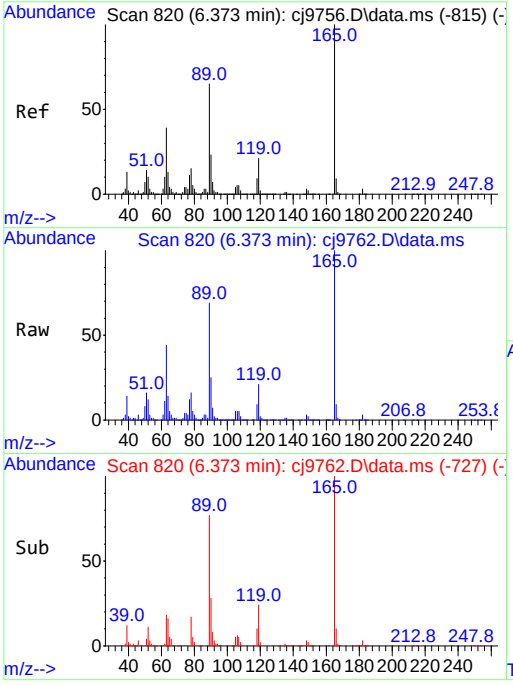


#62
Dibenzofuran
Concen: 77.91 ppm
RT: 6.395 min Scan# 824
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:168 Resp: 1121209

Ion	Ratio	Lower	Upper
168	100		
139	39.7	10.5	70.5
169	13.7	0.0	43.5

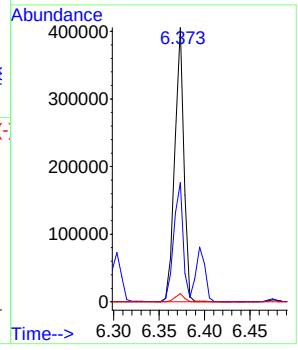


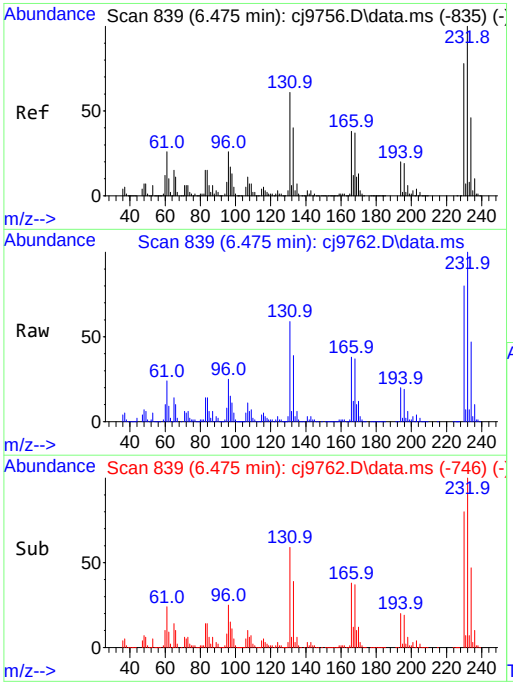


#63
2,4-Dinitrotoluene
Concen: 78.64 ppm
RT: 6.373 min Scan# 820
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:165 Resp: 286216

Ion	Ratio	Lower	Upper
165	100		
63	43.4	9.3	69.3
182	3.0	0.0	33.1

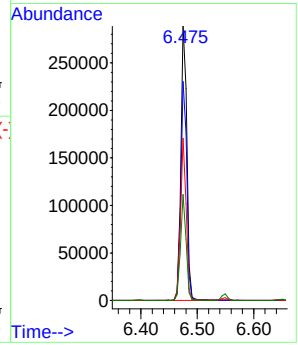


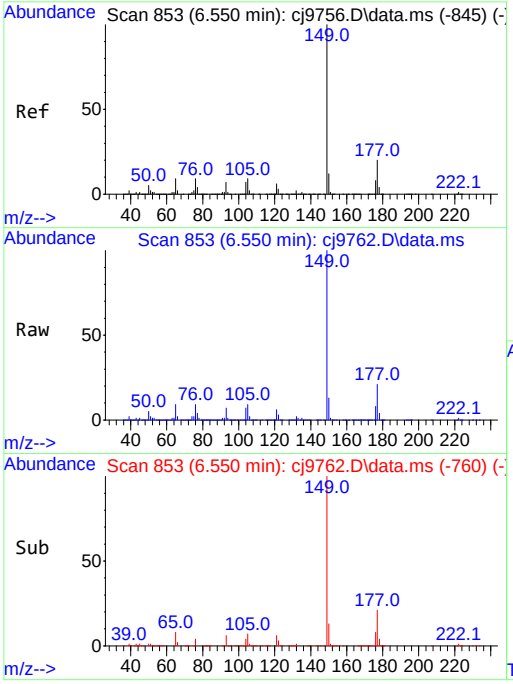


#64
2,3,4,6-Tetrachlorophenol
Concen: 77.73 ppm
RT: 6.475 min Scan# 839
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:232 Resp: 214404

Ion	Ratio	Lower	Upper
232	100		
230	79.8	48.2	108.2
131	59.1	30.7	90.7
133	38.6	9.7	69.7

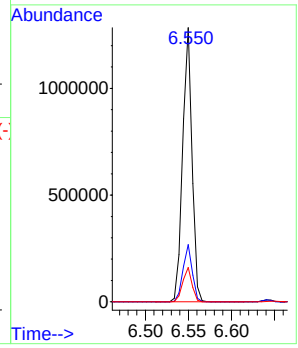


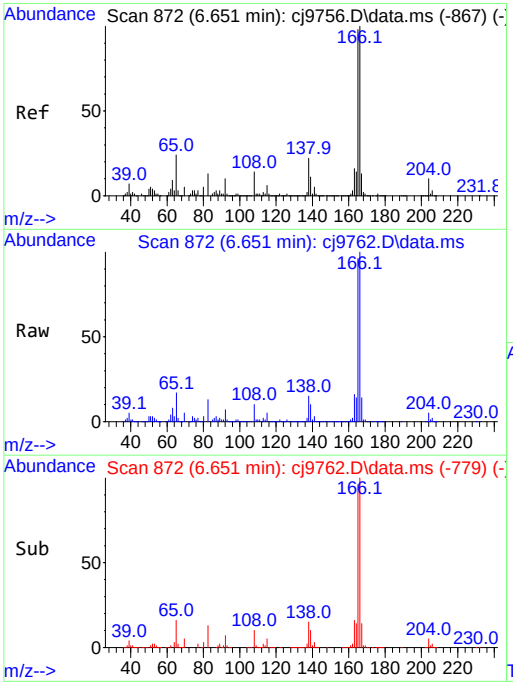


#65
Diethylphthalate
Concen: 77.44 ppm
RT: 6.550 min Scan# 853
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:149 Resp: 968248

Ion	Ratio	Lower	Upper
149	100		
177	20.9	0.0	50.1
150	12.5	0.0	42.3

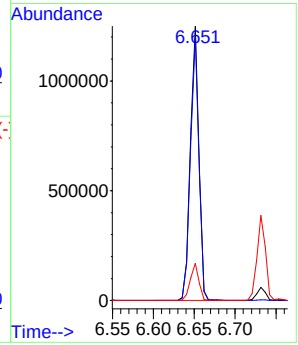


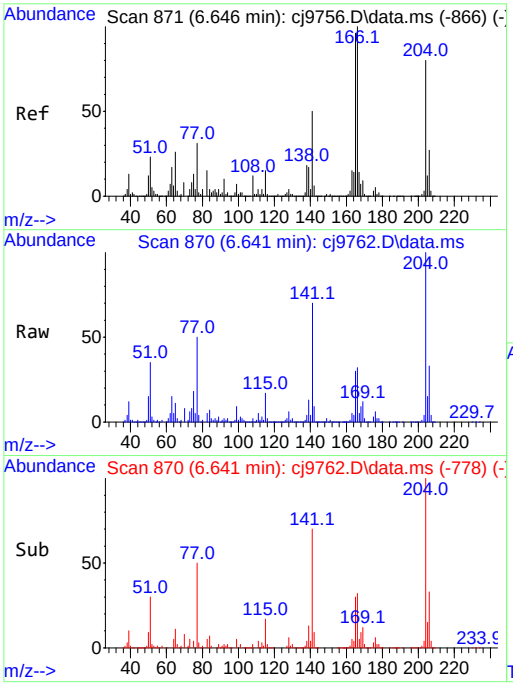


#66
Fluorene
Concen: 79.57 ppm
RT: 6.651 min Scan# 872
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:166 Resp: 912198

Ion	Ratio	Lower	Upper
166	100		
165	95.7	68.3	128.3
167	13.6	0.0	43.4

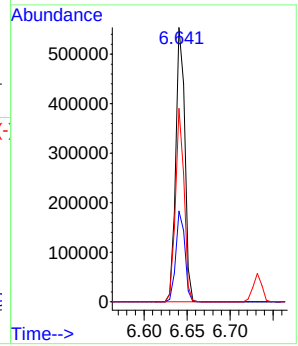


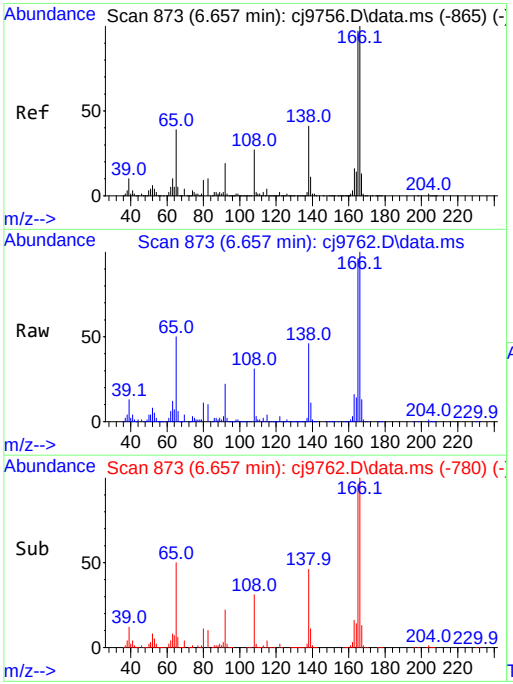


#67
4-Chlorophenyl-phenylether
Concen: 77.47 ppm
RT: 6.641 min Scan# 870
Delta R.T. -0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:204 Resp: 404803

Ion	Ratio	Lower	Upper
204	100		
206	33.1	4.0	64.0
141	70.4	33.0	93.0

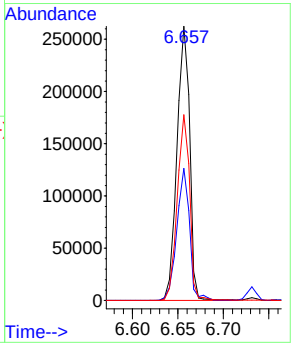


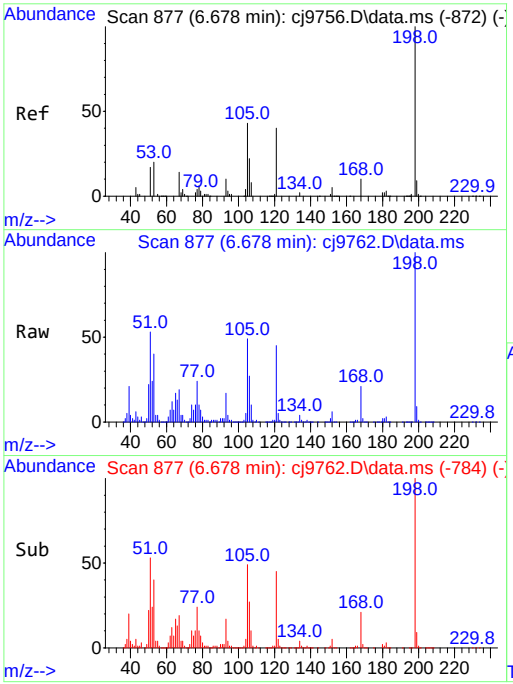


#68
4-Nitroaniline
Concen: 78.73 ppm
RT: 6.657 min Scan# 873
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:138 Resp: 255304

Ion	Ratio	Lower	Upper
138	100		
92	48.1	15.3	75.3
108	67.7	36.8	96.8

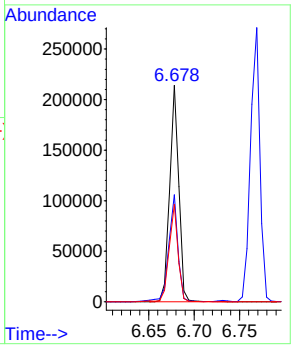


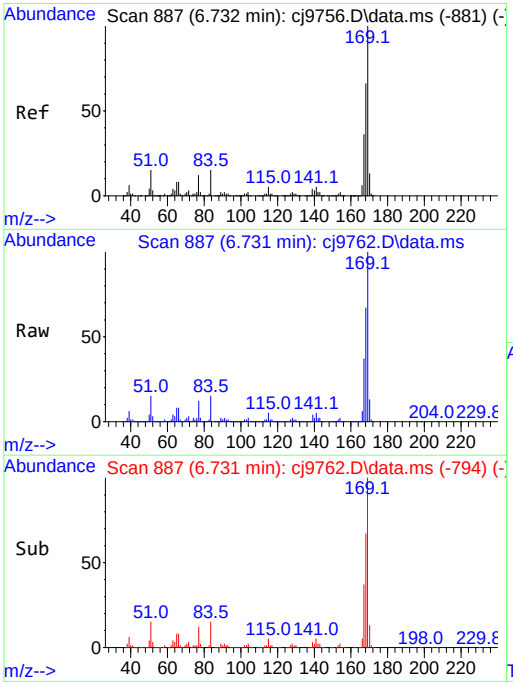


#70
4,6-Dinitro-2-methylphenol
Concen: 76.79 ppm
RT: 6.678 min Scan# 877
Delta R.T. 0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:198 Resp: 151203

Ion	Ratio	Lower	Upper
198	100		
105	49.0	5.0	65.0
121	44.9	10.0	70.0

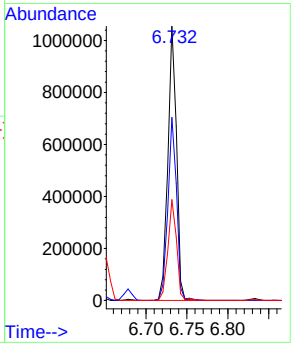


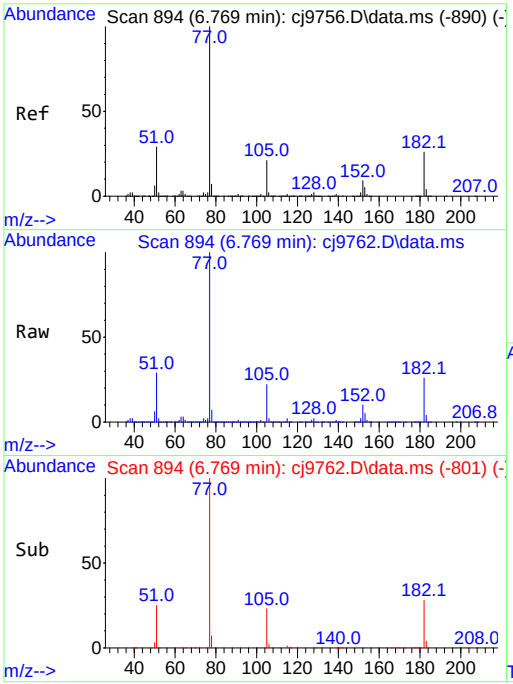


#71
n-Nitrosodiphenylamine
Concen: 74.71 ppm
RT: 6.731 min Scan# 887
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:169 Resp: 770948

Ion	Ratio	Lower	Upper
169	100		
168	66.7	36.0	96.0
167	36.8	5.9	65.9

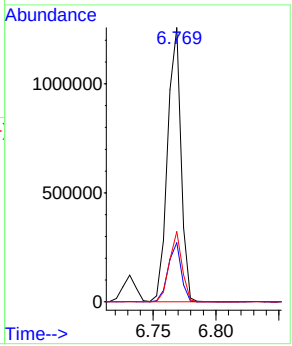


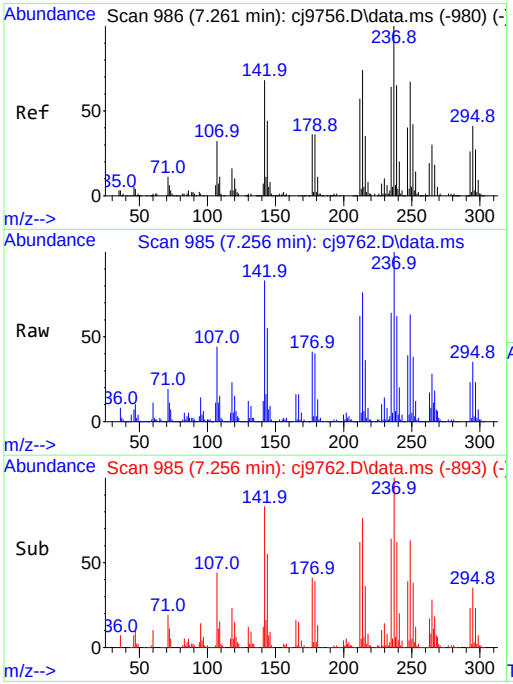


#72
1,2-Diphenylhydrazine
Concen: 74.73 ppm
RT: 6.769 min Scan# 894
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 77 Resp: 931712

Ion	Ratio	Lower	Upper
77	100		
105	21.5	0.0	51.2
182	25.6	0.0	55.7

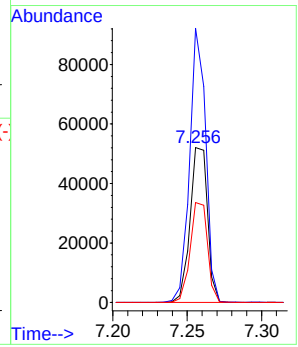


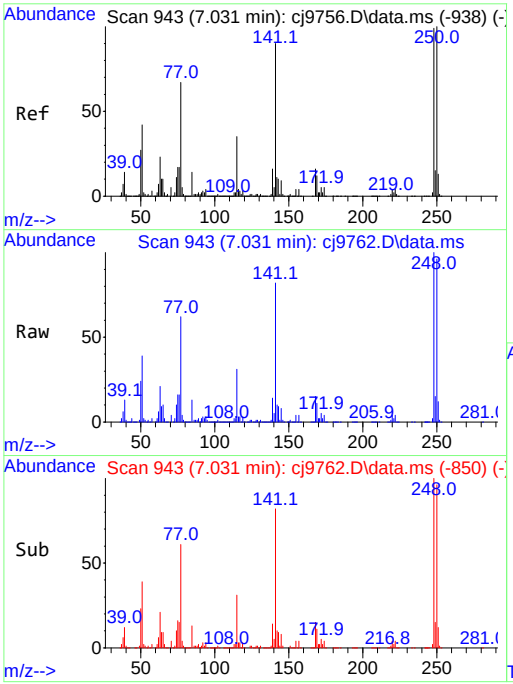


#73
pentachloronitrobenzene
Concen: 77.74 ppm
RT: 7.256 min Scan# 985
Delta R.T. -0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:295 Resp: 42402

Ion	Ratio	Lower	Upper
295	100		
249	162.9	132.3	198.5
297	64.0	50.6	75.8

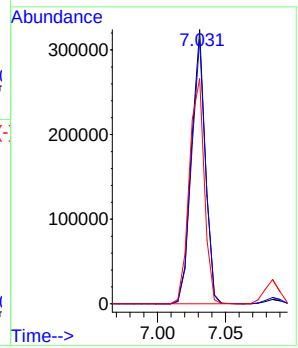


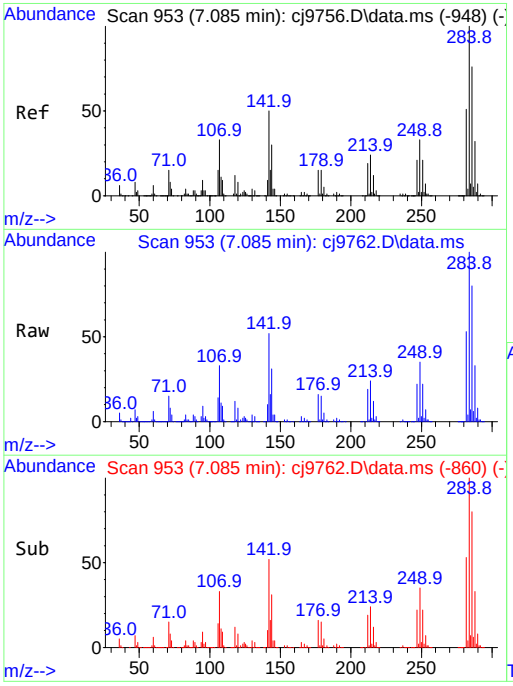


#75
4-Bromophenyl-phenylether
Concen: 76.31 ppm
RT: 7.031 min Scan# 943
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:248 Resp: 228154

Ion	Ratio	Lower	Upper
248	100		
250	96.4	71.3	131.3
141	82.1	61.3	121.3

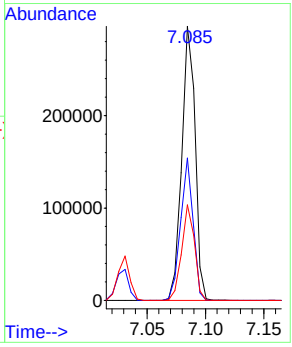


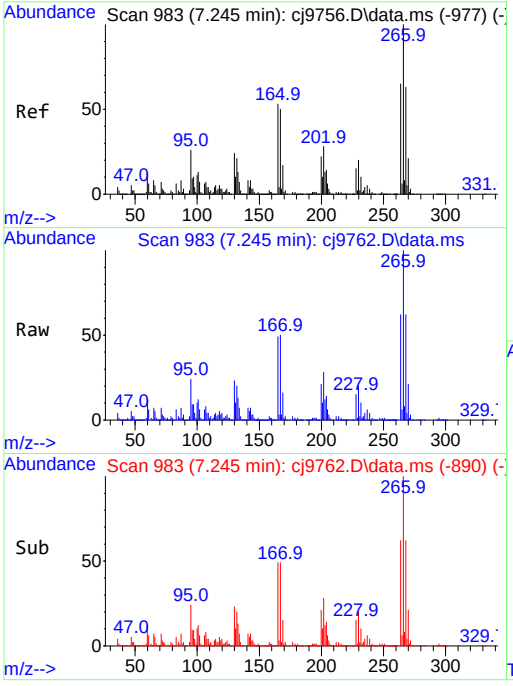


#76
Hexachlorobenzene
Concen: 75.02 ppm
RT: 7.085 min Scan# 953
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:284 Resp: 236267

Ion	Ratio	Lower	Upper
284	100		
142	51.9	20.3	80.3
249	34.9	3.5	63.5

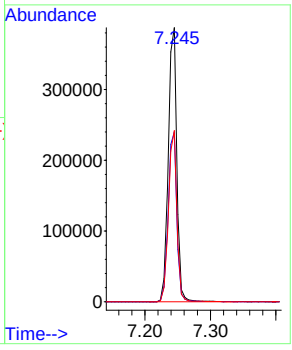


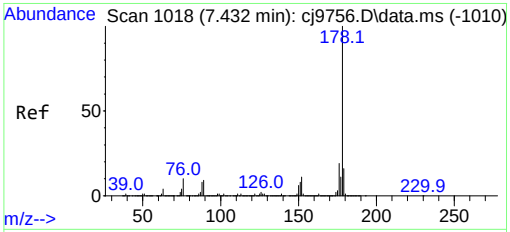


#77
Pentachlorophenol
Concen: 152.11 ppm
RT: 7.245 min Scan# 983
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:266 Resp: 352585

Ion	Ratio	Lower	Upper
266	100		
264	61.9	35.3	95.3
268	62.5	33.4	93.4

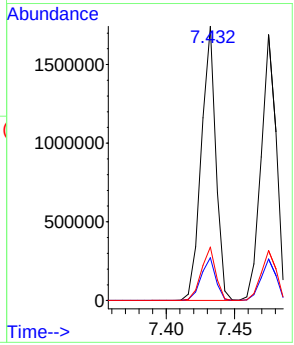


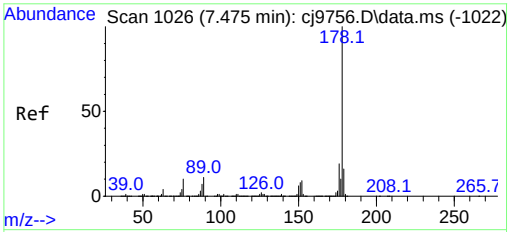


#78
Phenanthrene
Concen: 75.73 ppm
RT: 7.432 min Scan# 1018
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:178 Resp: 1297671

Ion	Ratio	Lower	Upper
178	100		
179	15.6	0.0	45.6
176	19.5	0.0	49.4

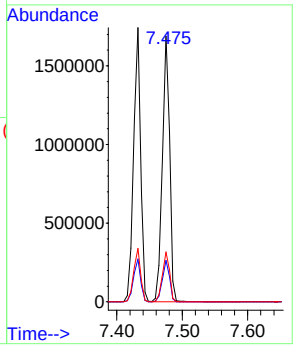


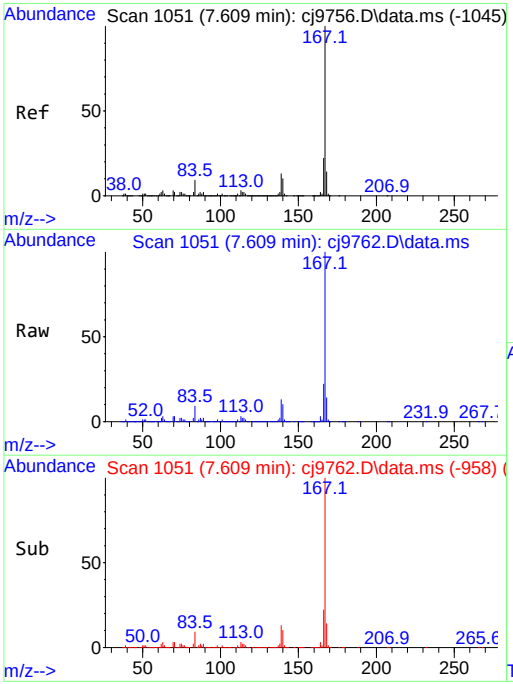


#79
Anthracene
Concen: 76.06 ppm
RT: 7.475 min Scan# 1026
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:178 Resp: 1314732

Ion	Ratio	Lower	Upper
178	100		
179	15.6	0.0	45.9
176	18.8	0.0	48.6

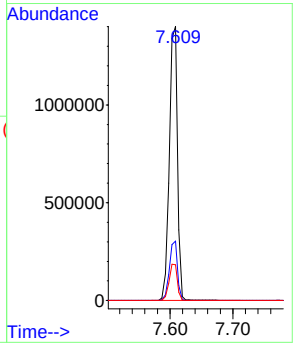


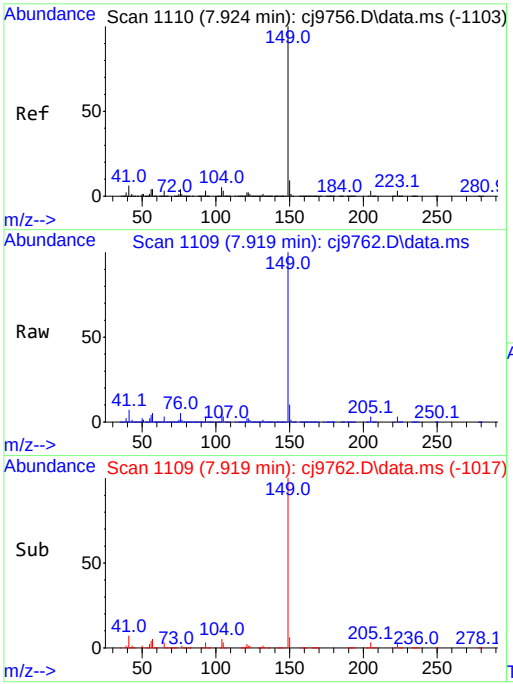


#80
Carbazole
Concen: 74.56 ppm
RT: 7.609 min Scan# 1051
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:167 Resp: 1250866

Ion	Ratio	Lower	Upper
167	100		
166	21.7	0.0	51.6
139	13.0	0.0	43.1

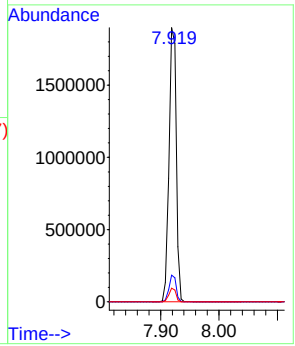


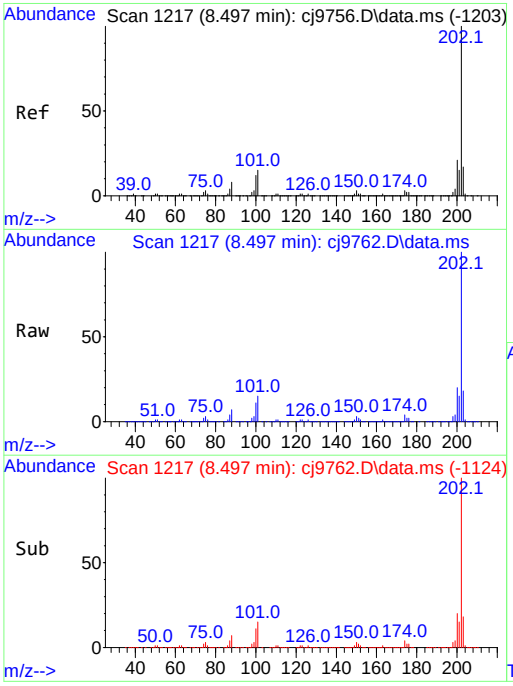


#81
Di-n-butylphthalate
Concen: 73.71 ppm
RT: 7.919 min Scan# 1109
Delta R.T. -0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:149 Resp: 1637907

Ion	Ratio	Lower	Upper
149	100		
150	9.8	0.0	39.2
104	5.0	0.0	34.6

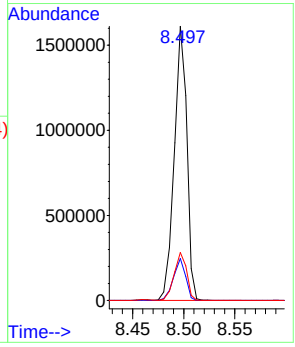


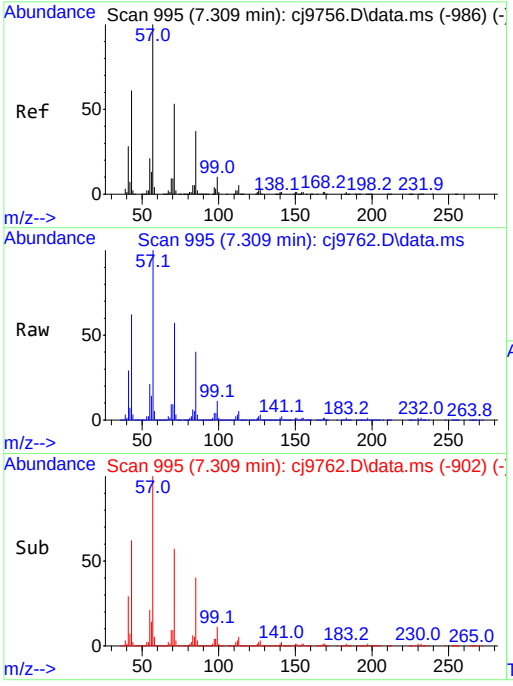


#82
Fluoranthene
Concen: 74.85 ppm
RT: 8.497 min Scan# 1217
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:202 Resp: 1384399

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	45.3
203	17.5	0.0	47.3

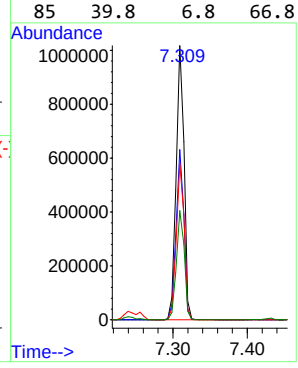


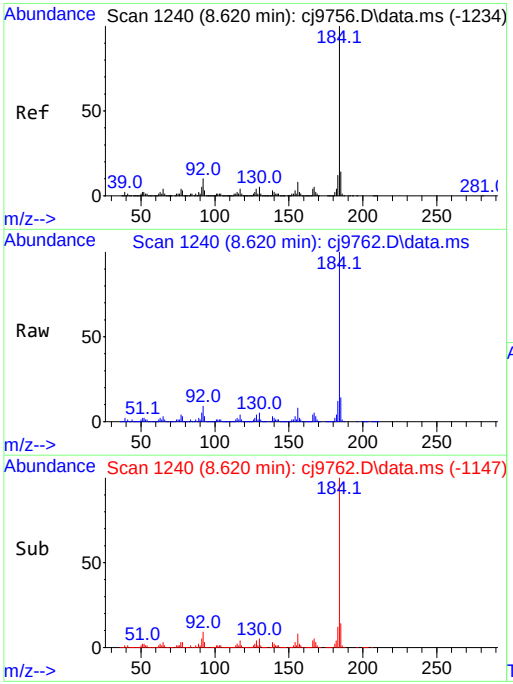


#83
Octadecane
Concen: 73.22 ppm
RT: 7.309 min Scan# 995
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion: 57 Resp: 747065

Ion	Ratio	Lower	Upper
57	100		
43	62.0	31.1	91.1
71	57.0	23.7	83.7
85	39.8	6.8	66.8

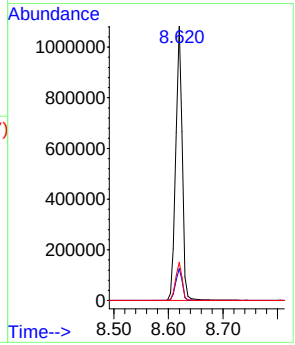


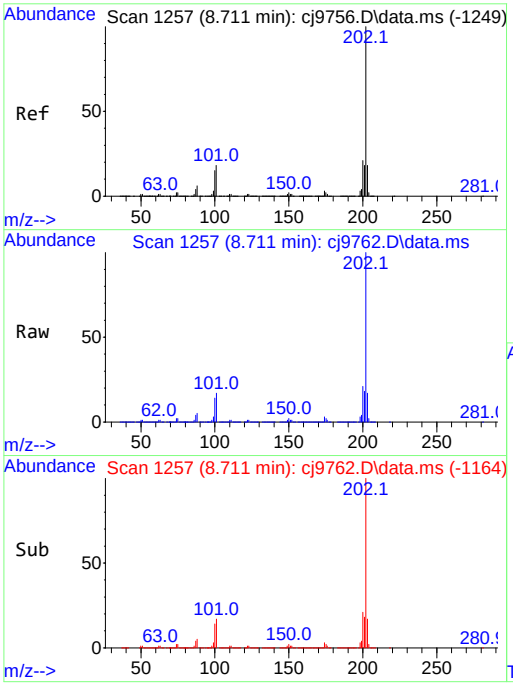


#85
benzidine
Concen: 87.76 ppm
RT: 8.620 min Scan# 1240
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:184 Resp: 899579

Ion	Ratio	Lower	Upper
184	100		
183	11.9	9.5	14.3
185	14.2	11.0	16.4

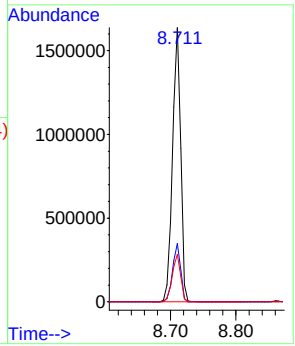


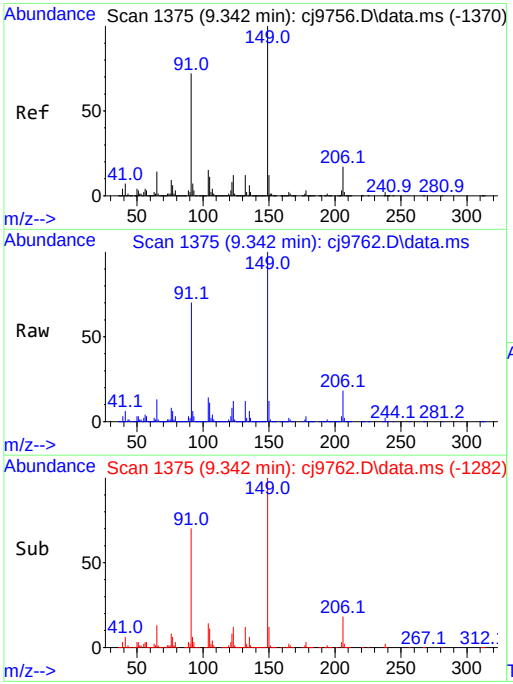


#86
Pyrene
Concen: 77.97 ppm
RT: 8.711 min Scan# 1257
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:202 Resp: 1421645

Ion	Ratio	Lower	Upper
202	100		
200	21.3	0.0	51.1
203	17.3	0.0	47.7

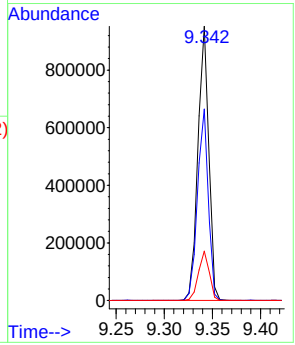


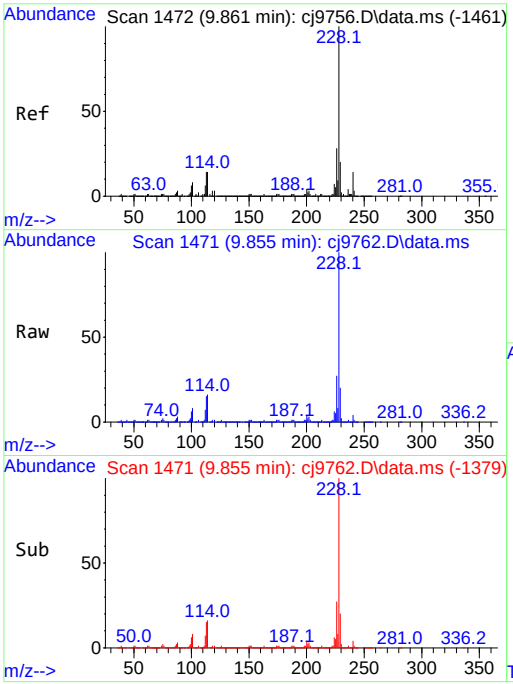


#88
Butylbenzylphthalate
Concen: 78.03 ppm
RT: 9.342 min Scan# 1375
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:149 Resp: 751890

Ion	Ratio	Lower	Upper
149	100		
91	69.8	41.7	101.7
206	18.0	0.0	47.1

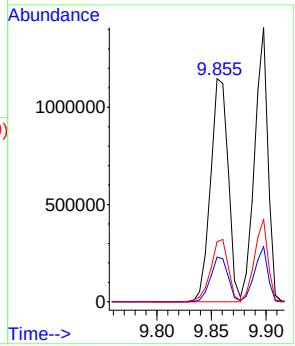


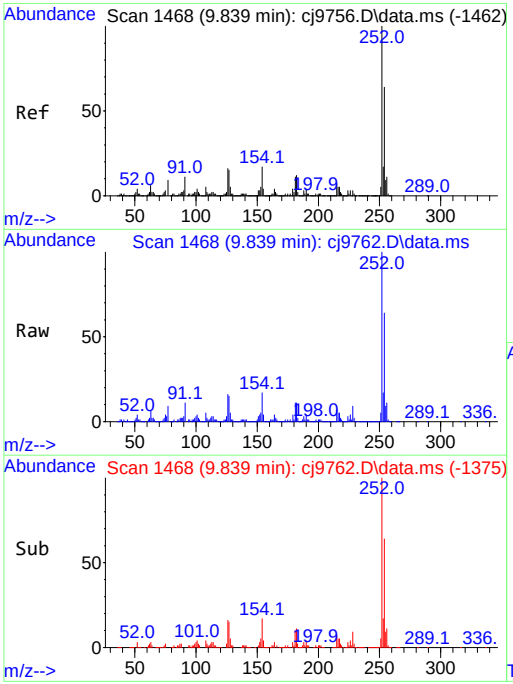


#89
Benzo[a]anthracene
Concen: 76.90 ppm
RT: 9.855 min Scan# 1471
Delta R.T. -0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:228 Resp: 1296049

Ion	Ratio	Lower	Upper
228	100		
229	20.0	0.0	50.0
226	26.9	0.0	57.8

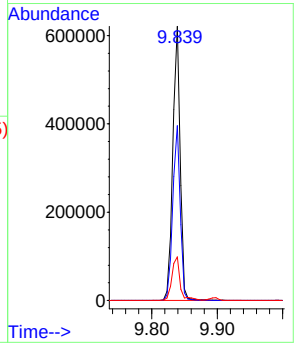


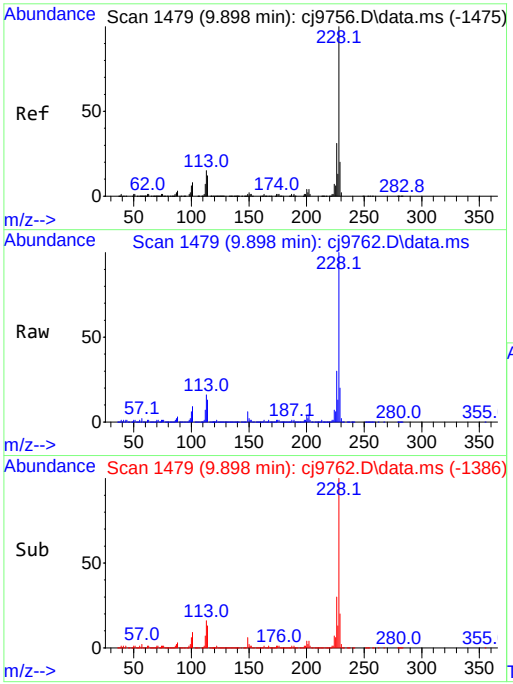


#90
3,3'-Dichlorobenzidine
Concen: 74.75 ppm
RT: 9.839 min Scan# 1468
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:252 Resp: 490536

Ion	Ratio	Lower	Upper
252	100		
254	63.8	34.1	94.1
126	15.9	0.0	45.7

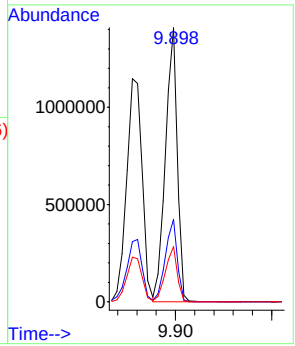


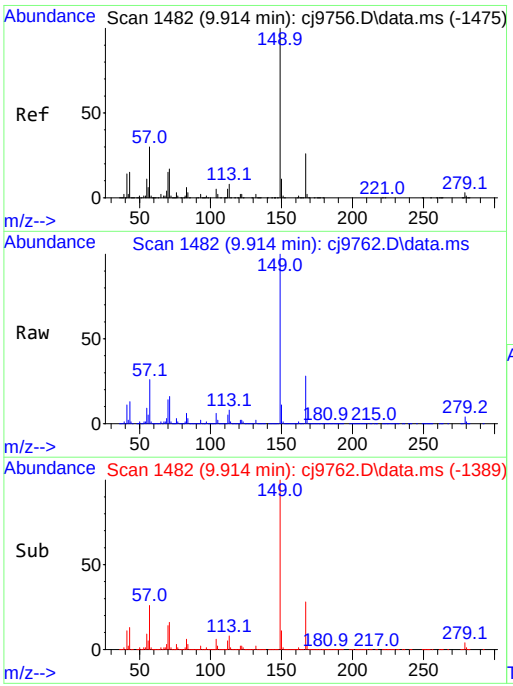


#91
Chrysene
Concen: 75.90 ppm
RT: 9.898 min Scan# 1479
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:228 Resp: 1199521

Ion	Ratio	Lower	Upper
228	100		
226	30.1	0.6	60.6
229	20.2	0.0	49.9

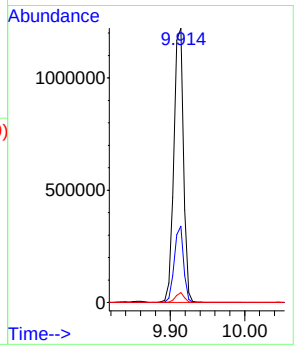


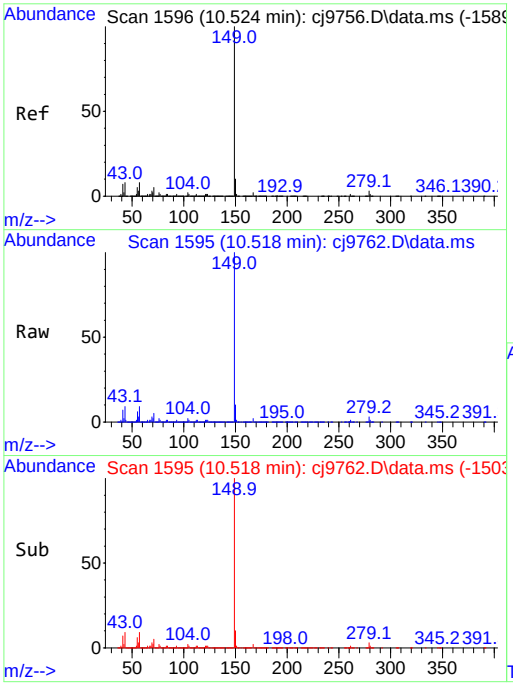


#92
bis(2-Ethylhexyl)phthalate
Concen: 76.99 ppm
RT: 9.914 min Scan# 1482
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:149 Resp: 1099476

Ion	Ratio	Lower	Upper
149	100		
167	27.8	0.0	56.1
279	3.6	0.0	33.1

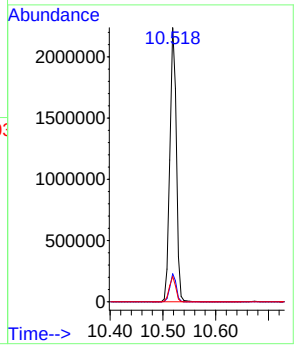


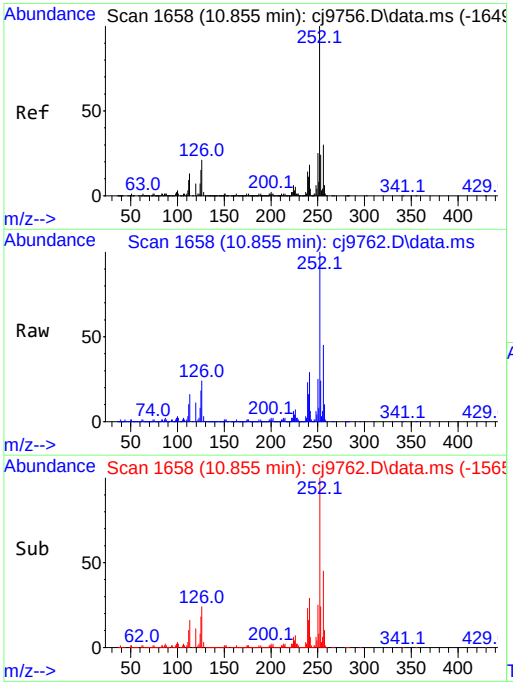


#94
Di-n-octylphthalate
Concen: 74.70 ppm
RT: 10.518 min Scan# 1595
Delta R.T. -0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:149 Resp: 1886996

Ion	Ratio	Lower	Upper
149	100		
150	10.2	0.0	39.6
43	9.2	0.0	38.2

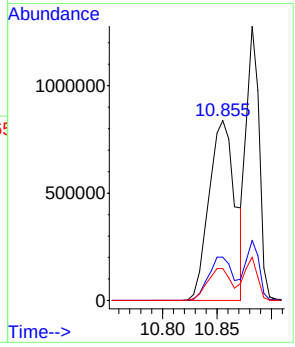


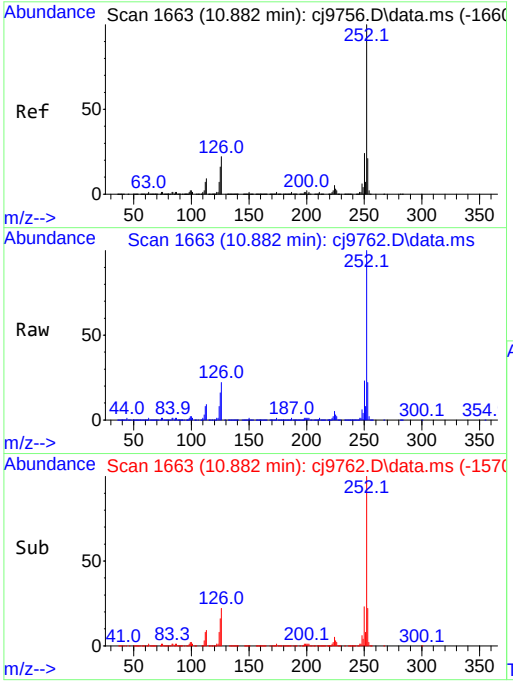


#95
Benzo[b]fluoranthene
Concen: 82.77 ppm
RT: 10.855 min Scan# 1658
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:252 Resp: 1390475

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	54.1
125	17.5	0.0	45.5

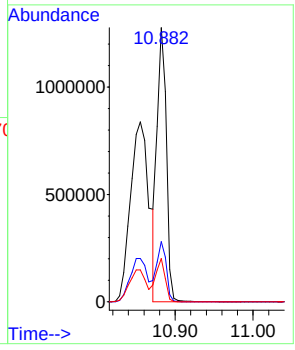


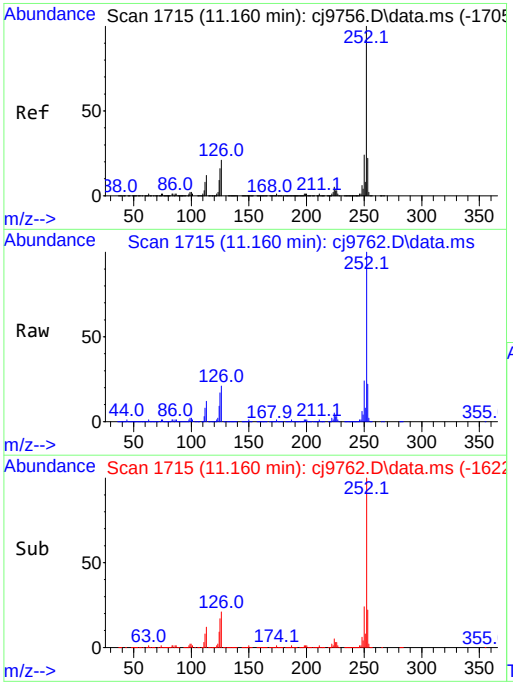


#96
Benzo[k]fluoranthene
Concen: 67.91 ppm
RT: 10.882 min Scan# 1663
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:252 Resp: 1049352

Ion	Ratio	Lower	Upper
252	100		
253	21.8	0.0	51.4
125	15.3	0.0	45.5

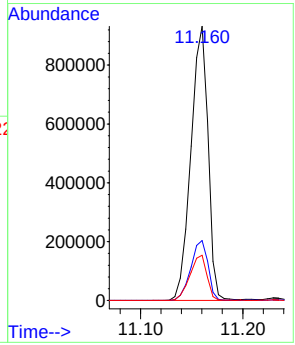


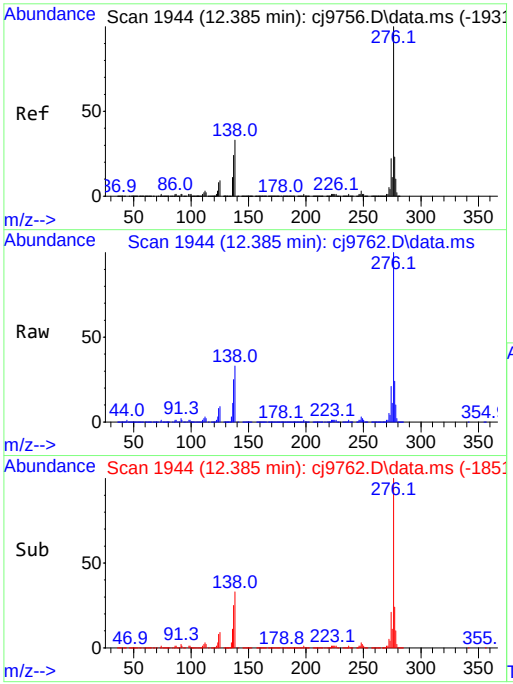


#97
Benzo[a]pyrene
Concen: 76.32 ppm
RT: 11.160 min Scan# 1715
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:252 Resp: 1088748

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	51.6
125	16.5	0.0	46.4

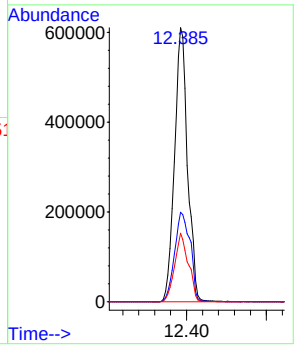


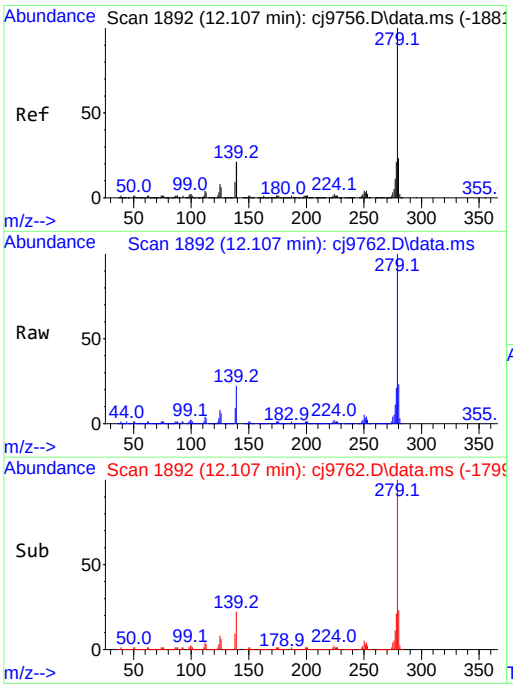


#98
Indeno[1,2,3-cd]pyrene
Concen: 76.14 ppm
RT: 12.385 min Scan# 1944
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:276 Resp: 1386942

Ion	Ratio	Lower	Upper
276	100		
138	32.6	2.8	62.8
137	25.0	0.0	54.0

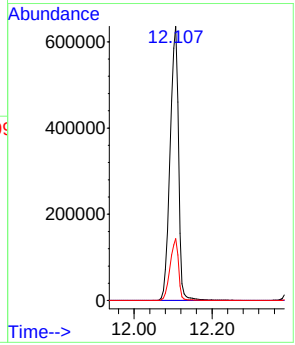


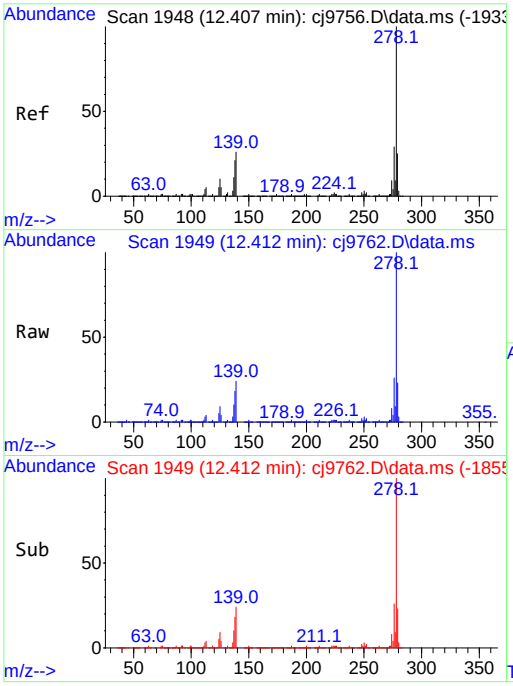


#99
Dibenz(a,h)acridine
Concen: 76.96 ppm
RT: 12.107 min Scan# 1892
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:279 Resp: 954840

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.6	0.0	52.6

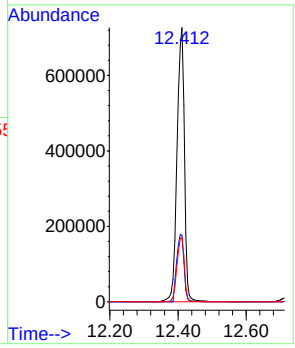


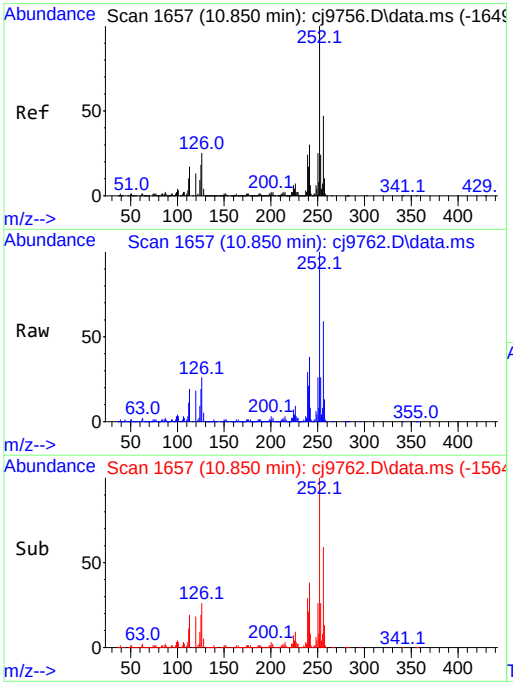


#100
Dibenz[a,h]anthracene
Concen: 75.82 ppm
RT: 12.412 min Scan# 1949
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:278 Resp: 1094279

Ion	Ratio	Lower	Upper
278	100		
139	24.1	0.0	56.3
279	23.4	0.0	54.6

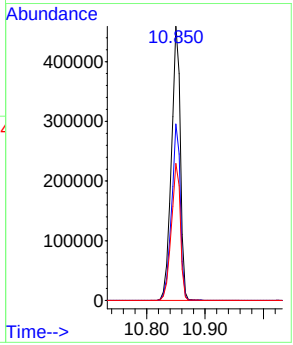


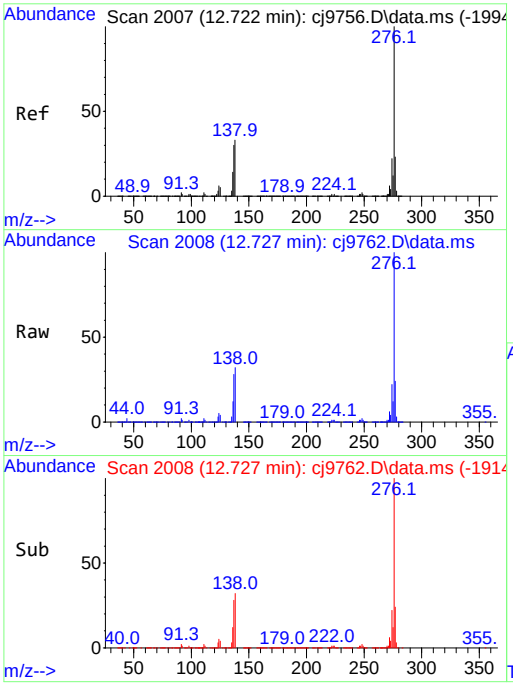


#101
7,12-Dimethylbenz(a)anthracene
Concen: 85.32 ppm
RT: 10.850 min Scan# 1657
Delta R.T. -0.000 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:256 Resp: 486259

Ion	Ratio	Lower	Upper
256	100		
241	64.3	32.7	92.7
239	49.9	20.3	80.3

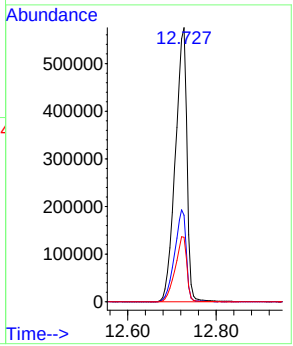




#102
Benzo[g,h,i]perylene
Concen: 75.83 ppm
RT: 12.727 min Scan# 2008
Delta R.T. 0.005 min
Lab File: cj9762.D
Acq: 17 Dec 2024 06:44 pm

Tgt Ion:276 Resp: 1047000

Ion	Ratio	Lower	Upper
276	100		
138	31.5	3.3	63.3
277	23.6	0.0	53.4



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9764.D
Acq On : 17 Dec 2024 07:20 pm
Operator : rocquans
Sample : ic420-1
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 20 10:12:53 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:11:07 2024
Response via : Initial Calibration

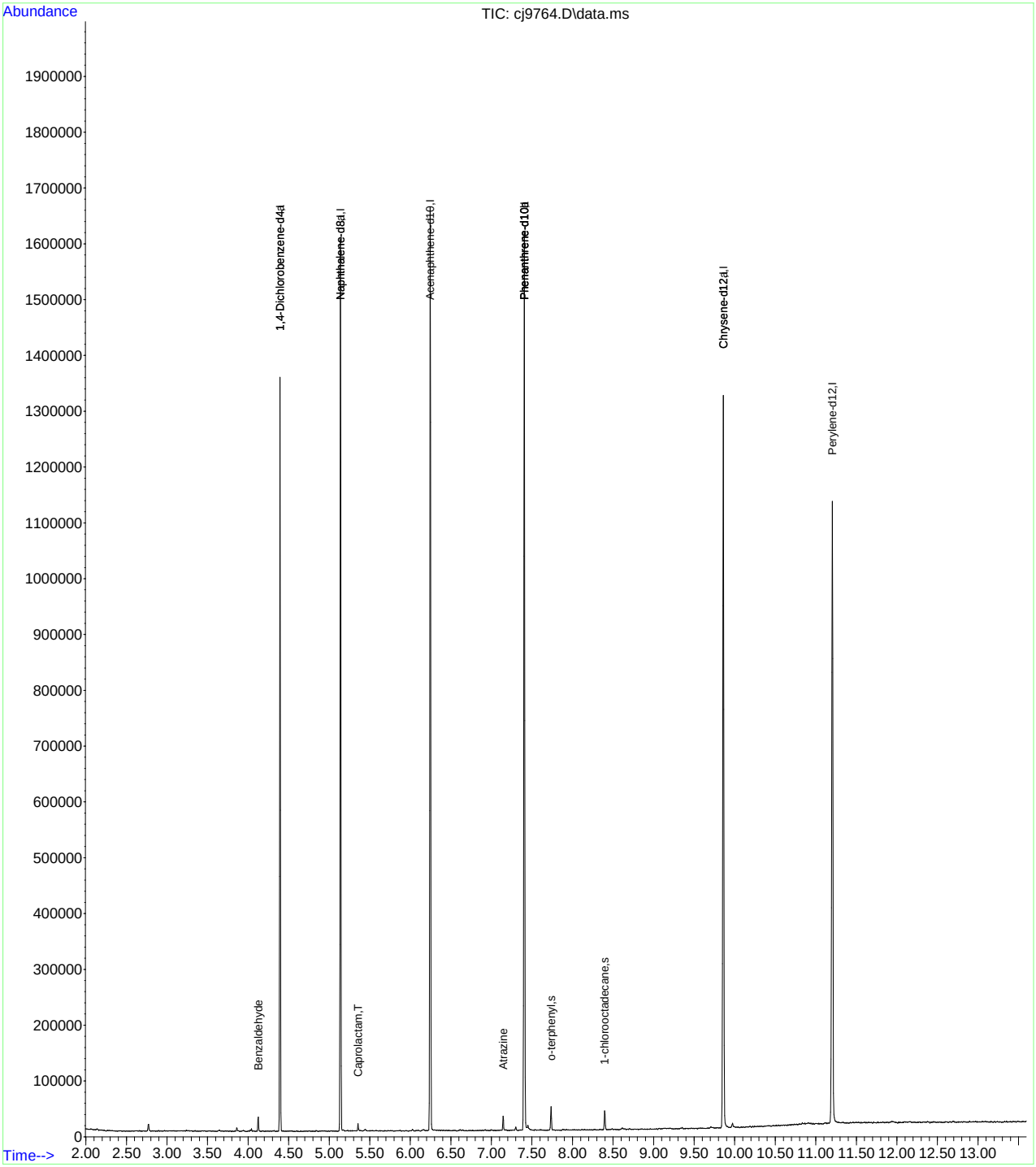
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	134348	40.00	ppm	0.00
24) Naphthalene-d8	5.137	136	515254	40.00	ppm	0.00
46) Acenaphthene-d10	6.245	164	281083	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	459065	40.00	ppm	0.00
84) Chrysene-d12	9.860	240	374582	40.00	ppm	-0.01
93) Perylene-d12	11.203	264	383511	40.00	ppm	-0.01
103) 1,4-Dichlorobenzene-d4a	4.394	152	134348	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	459065	40.00	ppm	0.00
107) Naphthalene-d8a	5.137	136	515254	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	459065	40.00	ppm	0.00
112) Chrysene-d12a	9.860	240	374582	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	8.395	57	4824	0.93	ppm	0.00
Spiked Amount 50.000			Recovery = 1.86%			
111) o-terphenyl	7.737	230	5949	0.98	ppm	0.00
Spiked Amount 50.000			Recovery = 1.96%			
Target Compounds						Qvalue
104) Benzaldehyde	4.127	105	3949	1.02	ppm	94
106) Atrazine	7.143	215	1127	0.93	ppm	97
108) Caprolactam	5.357	55	1813	0.80	ppm	90

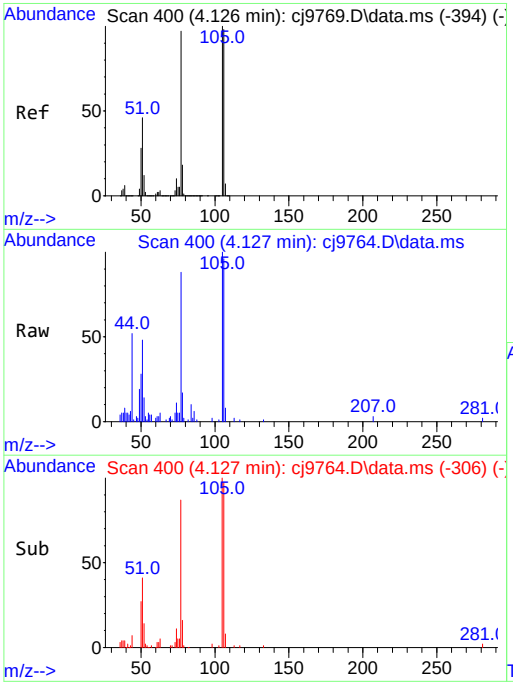
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9764.D
Acq On : 17 Dec 2024 07:20 pm
Operator : rocquans
Sample : ic420-1
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 20 10:12:53 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:11:07 2024
Response via : Initial Calibration

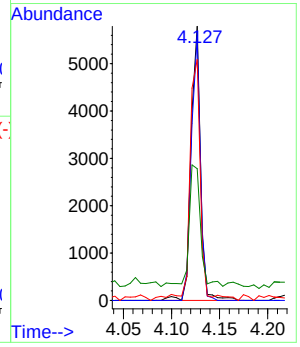


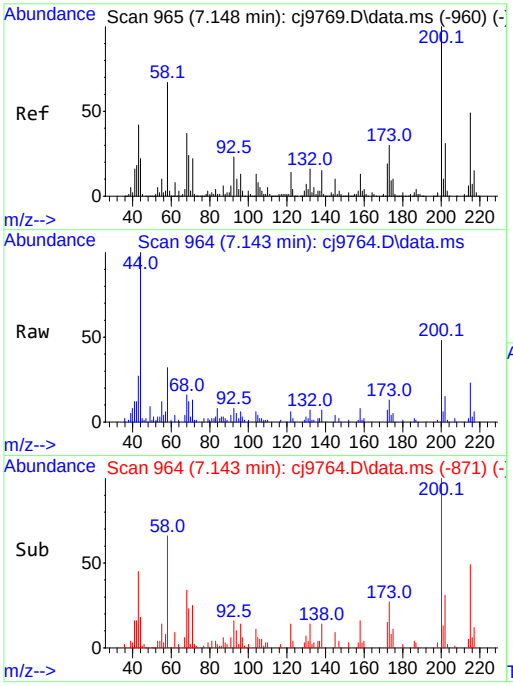


#104
Benzaldehyde
Concen: 1.02 ppm
RT: 4.127 min Scan# 400
Delta R.T. 0.000 min
Lab File: cj9764.D
Acq: 17 Dec 2024 07:20 pm

Tgt Ion:105 Resp: 3949

Ion	Ratio	Lower	Upper
105	100		
106	96.2	67.9	127.9
77	86.2	66.9	126.9
51	42.1	16.2	76.2

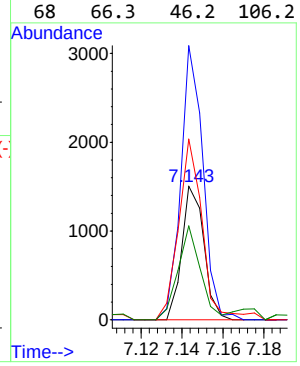


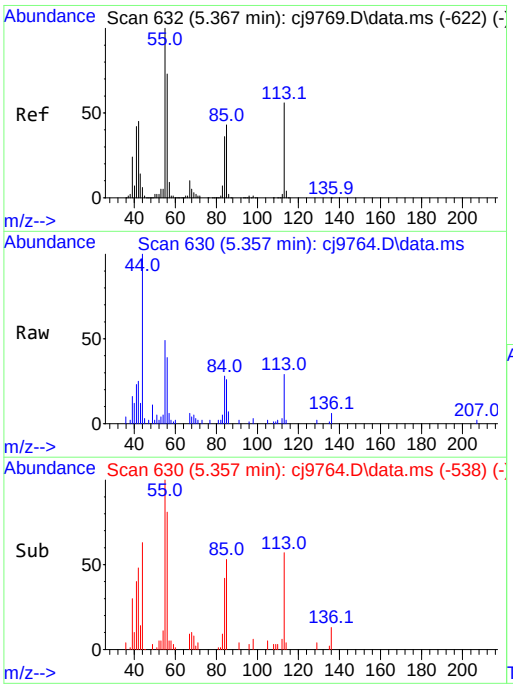


#106
Atrazine
Concen: 0.93 ppm
RT: 7.143 min Scan# 964
Delta R.T. -0.005 min
Lab File: cj9764.D
Acq: 17 Dec 2024 07:20 pm

Tgt Ion:215 Resp: 1127

Ion	Ratio	Lower	Upper
215	100		
200	205.3	174.8	234.8
58	133.2	106.4	166.4
68	66.3	46.2	106.2

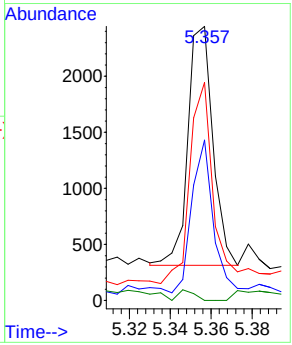




#108
Caprolactam
Concen: 0.80 ppm
RT: 5.357 min Scan# 630
Delta R.T. -0.010 min
Lab File: cj9764.D
Acq: 17 Dec 2024 07:20 pm

Tgt Ion: 55 Resp: 1813

Ion	Ratio	Lower	Upper
55	100		
113	62.2	25.6	85.6
56	81.6	42.9	102.9
48	0.0	0.0	30.1



7.6.8

7

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9765.D
Acq On : 17 Dec 2024 07:37 pm
Operator : rocquans
Sample : ic420-2
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 20 10:14:28 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:11:07 2024
Response via : Initial Calibration

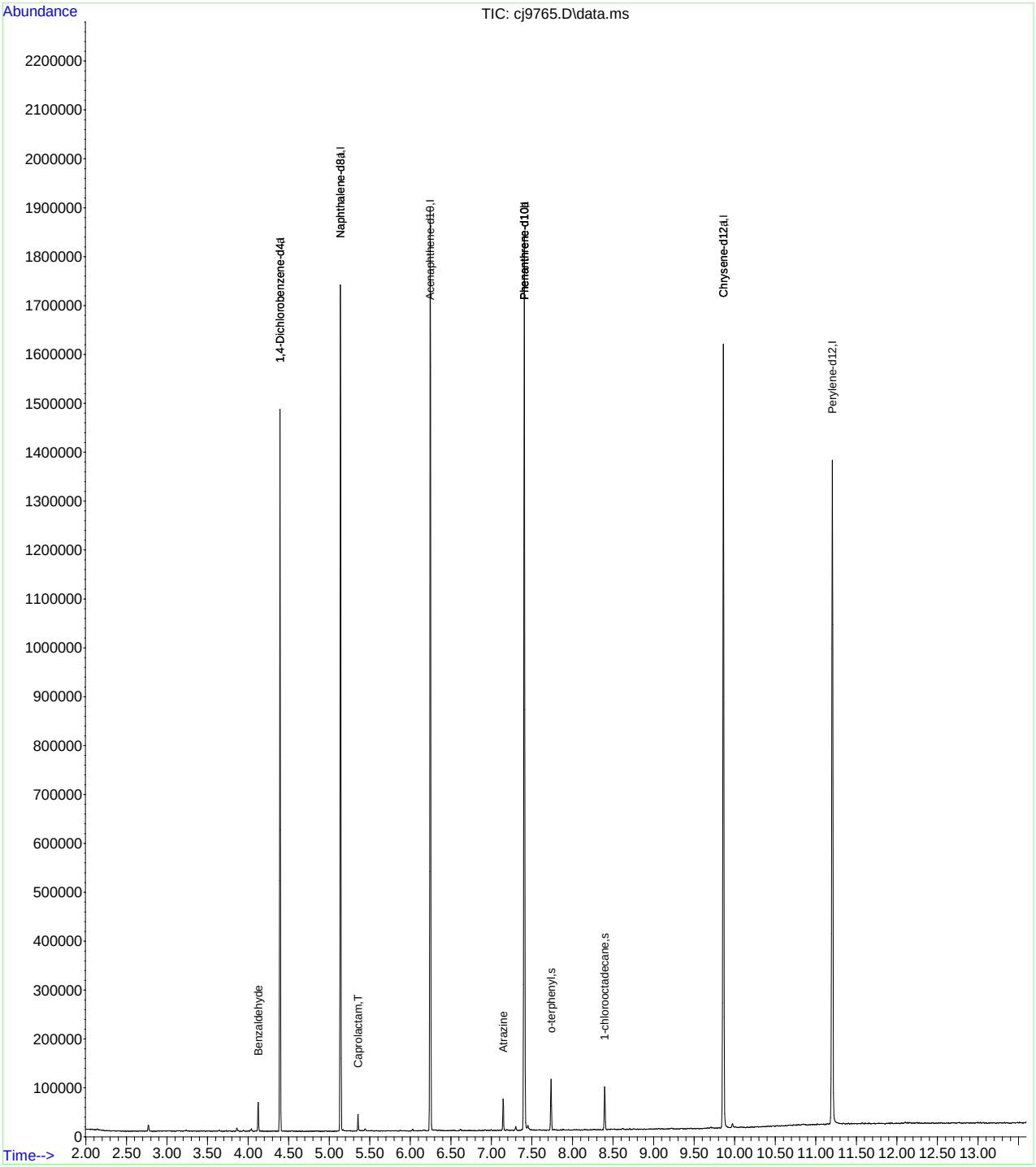
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	147710	40.00	ppm	0.00
24) Naphthalene-d8	5.138	136	576846	40.00	ppm	0.00
46) Acenaphthene-d10	6.245	164	320393	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	539065	40.00	ppm	0.00
84) Chrysene-d12	9.860	240	443136	40.00	ppm	-0.01
93) Perylene-d12	11.203	264	453852	40.00	ppm	-0.01
103) 1,4-Dichlorobenzene-d4a	4.394	152	147710	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	539065	40.00	ppm	0.00
107) Naphthalene-d8a	5.138	136	576846	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	539065	40.00	ppm	0.00
112) Chrysene-d12a	9.860	240	443136	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	8.395	57	11144	1.84	ppm	0.00
Spiked Amount 50.000			Recovery = 3.68%			
111) o-terphenyl	7.737	230	14591	2.04	ppm	0.00
Spiked Amount 50.000			Recovery = 4.08%			
Target Compounds						Qvalue
104) Benzaldehyde	4.127	105	8679	2.03	ppm	98
106) Atrazine	7.143	215	2681	1.88	ppm	94
108) Caprolactam	5.357	55	5066	2.01	ppm	98

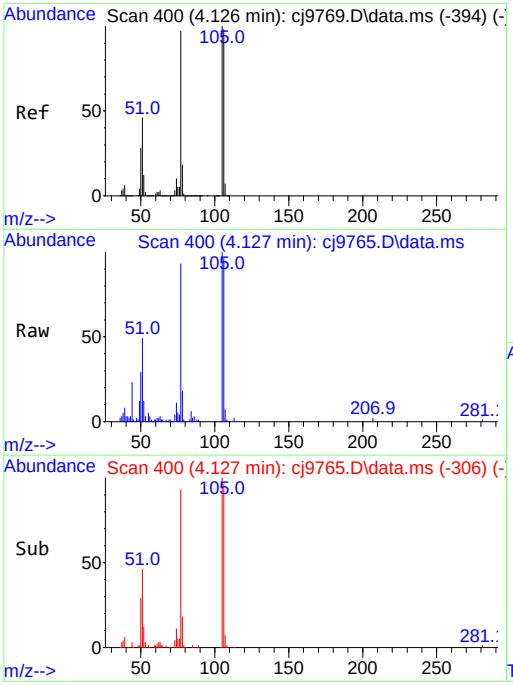
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9765.D
Acq On : 17 Dec 2024 07:37 pm
Operator : rocquans
Sample : ic420-2
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 20 10:14:28 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:11:07 2024
Response via : Initial Calibration

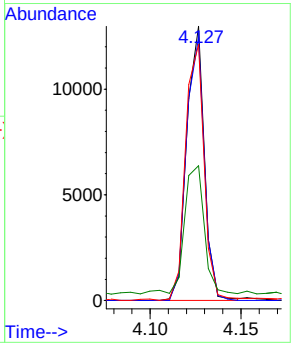


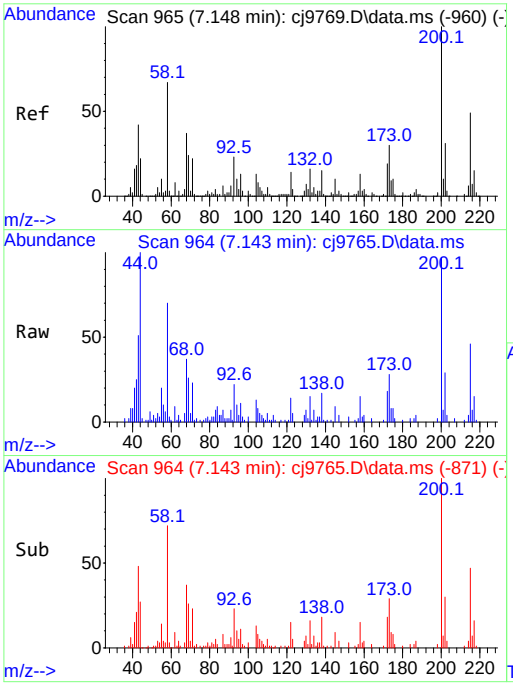


#104
Benzaldehyde
Concen: 2.03 ppm
RT: 4.127 min Scan# 400
Delta R.T. 0.000 min
Lab File: cj9765.D
Acq: 17 Dec 2024 07:37 pm

Tgt Ion:105 Resp: 8679

Ion	Ratio	Lower	Upper
105	100		
106	96.1	67.9	127.9
77	92.9	66.9	126.9
51	46.3	16.2	76.2

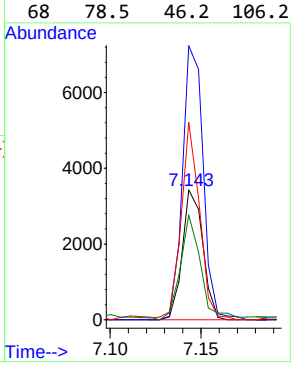


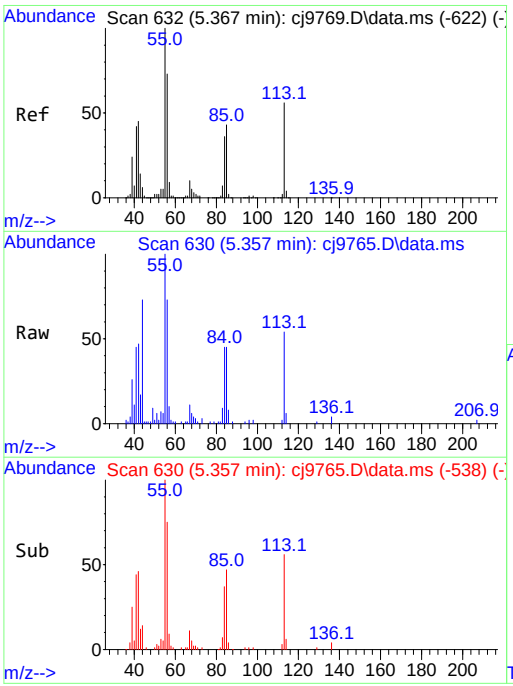


#106
Atrazine
Concen: 1.88 ppm
RT: 7.143 min Scan# 964
Delta R.T. -0.005 min
Lab File: cj9765.D
Acq: 17 Dec 2024 07:37 pm

Tgt Ion:215 Resp: 2681

Ion	Ratio	Lower	Upper
215	100		
200	209.8	174.8	234.8
58	151.0	106.4	166.4
68	78.5	46.2	106.2

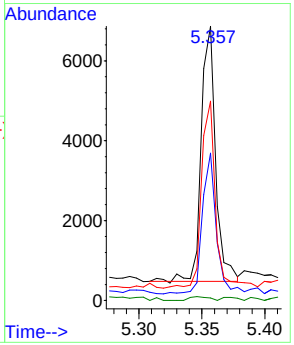




#108
Caprolactam
Concen: 2.01 ppm
RT: 5.357 min Scan# 630
Delta R.T. -0.010 min
Lab File: cj9765.D
Acq: 17 Dec 2024 07:37 pm

Tgt Ion: 55 Resp: 5066

Ion	Ratio	Lower	Upper
55	100		
113	54.0	25.6	85.6
56	71.7	42.9	102.9
48	0.5	0.0	30.1



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9766.D
Acq On : 17 Dec 2024 07:55 pm
Operator : rocquans
Sample : ic420-5
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 20 10:16:02 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:11:07 2024
Response via : Initial Calibration

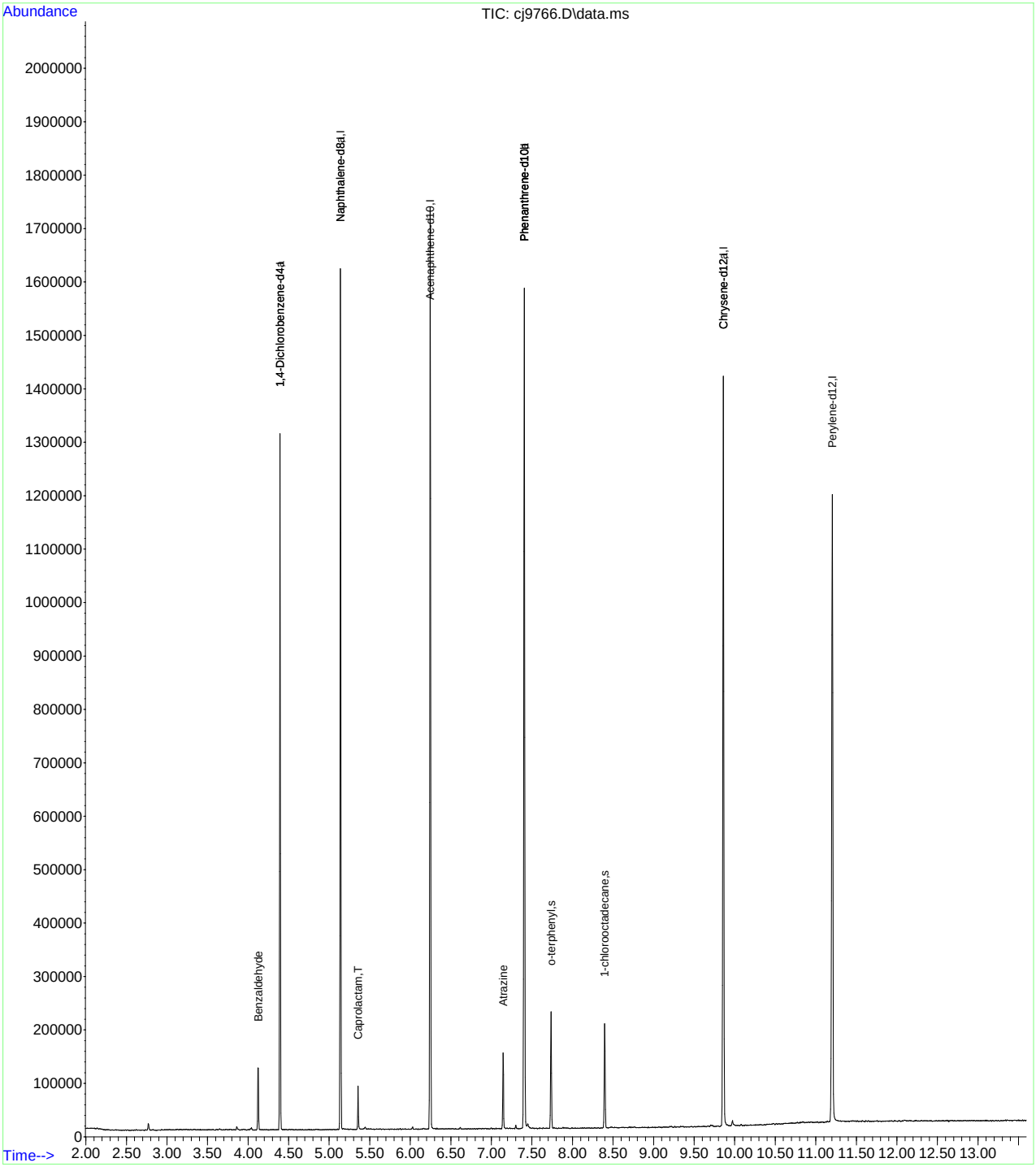
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	129962	40.00	ppm	0.00
24) Naphthalene-d8	5.138	136	508922	40.00	ppm	0.00
46) Acenaphthene-d10	6.245	164	278704	40.00	ppm	0.00
69) Phenanthrene-d10	7.406	188	470334	40.00	ppm	0.00
84) Chrysene-d12	9.861	240	388818	40.00	ppm	-0.01
93) Perylene-d12	11.203	264	397201	40.00	ppm	-0.01
103) 1,4-Dichlorobenzene-d4a	4.394	152	129962	40.00	ppm	0.00
105) Phenanthrene-d10a	7.406	188	470334	40.00	ppm	0.00
107) Naphthalene-d8a	5.138	136	508922	40.00	ppm	0.00
109) Phenanthrene-d10b	7.406	188	470334	40.00	ppm	0.00
112) Chrysene-d12a	9.861	240	388818	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	8.395	57	24615	4.65	ppm	0.00
Spiked Amount 50.000			Recovery = 9.30%			
111) o-terphenyl	7.737	230	30802	4.94	ppm	0.00
Spiked Amount 50.000			Recovery = 9.88%			
Target Compounds						Qvalue
104) Benzaldehyde	4.127	105	18472	4.92	ppm	98
106) Atrazine	7.143	215	5807	4.66	ppm	94
108) Caprolactam	5.357	55	10439	4.68	ppm	98

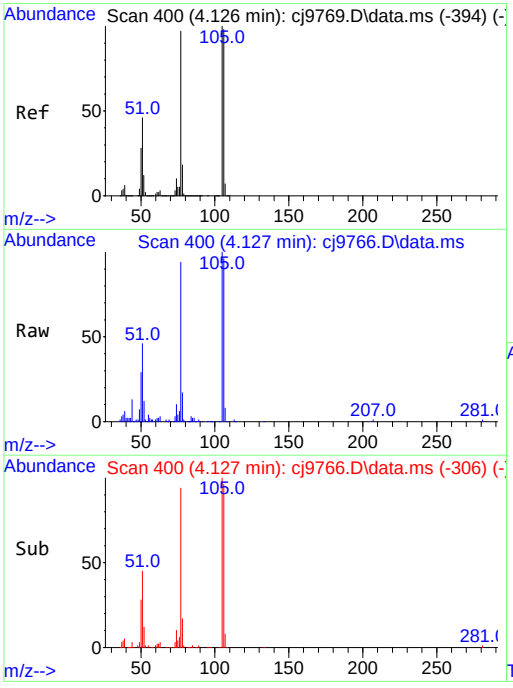
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9766.D
Acq On : 17 Dec 2024 07:55 pm
Operator : rocquans
Sample : ic420-5
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 20 10:16:02 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:11:07 2024
Response via : Initial Calibration

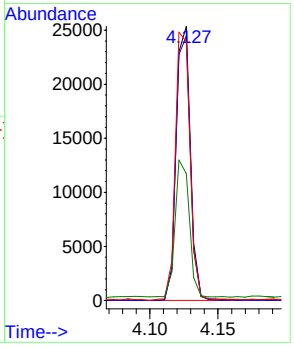


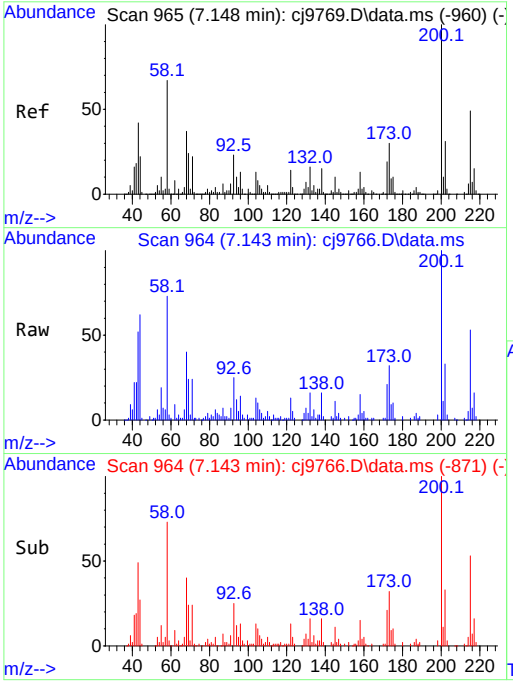


#104
Benzaldehyde
Concen: 4.92 ppm
RT: 4.127 min Scan# 400
Delta R.T. 0.000 min
Lab File: cj9766.D
Acq: 17 Dec 2024 07:55 pm

Tgt Ion:105 Resp: 18472

Ion	Ratio	Lower	Upper
105	100		
106	96.5	67.9	127.9
77	94.3	66.9	126.9
51	44.9	16.2	76.2

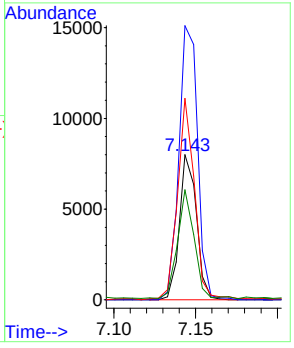


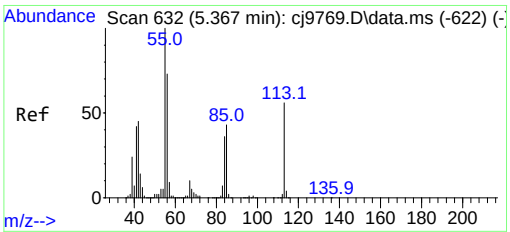


#106
Atrazine
Concen: 4.66 ppm
RT: 7.143 min Scan# 964
Delta R.T. -0.005 min
Lab File: cj9766.D
Acq: 17 Dec 2024 07:55 pm

Tgt Ion:215 Resp: 5807

Ion	Ratio	Lower	Upper
215	100		
200	188.9	174.8	234.8
58	137.9	106.4	166.4
68	74.6	46.2	106.2

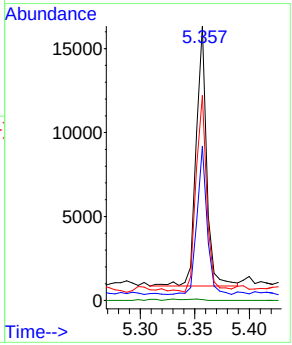




#108
Caprolactam
Concen: 4.68 ppm
RT: 5.357 min Scan# 630
Delta R.T. -0.010 min
Lab File: cj9766.D
Acq: 17 Dec 2024 07:55 pm

Tgt Ion: 55 Resp: 10439

Ion	Ratio	Lower	Upper
55	100		
113	56.7	25.6	85.6
56	74.5	42.9	102.9
48	0.1	0.0	30.1



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9767.D
Acq On : 17 Dec 2024 08:13 pm
Operator : rocquans
Sample : ic420-10
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 20 10:17:27 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:11:07 2024
Response via : Initial Calibration

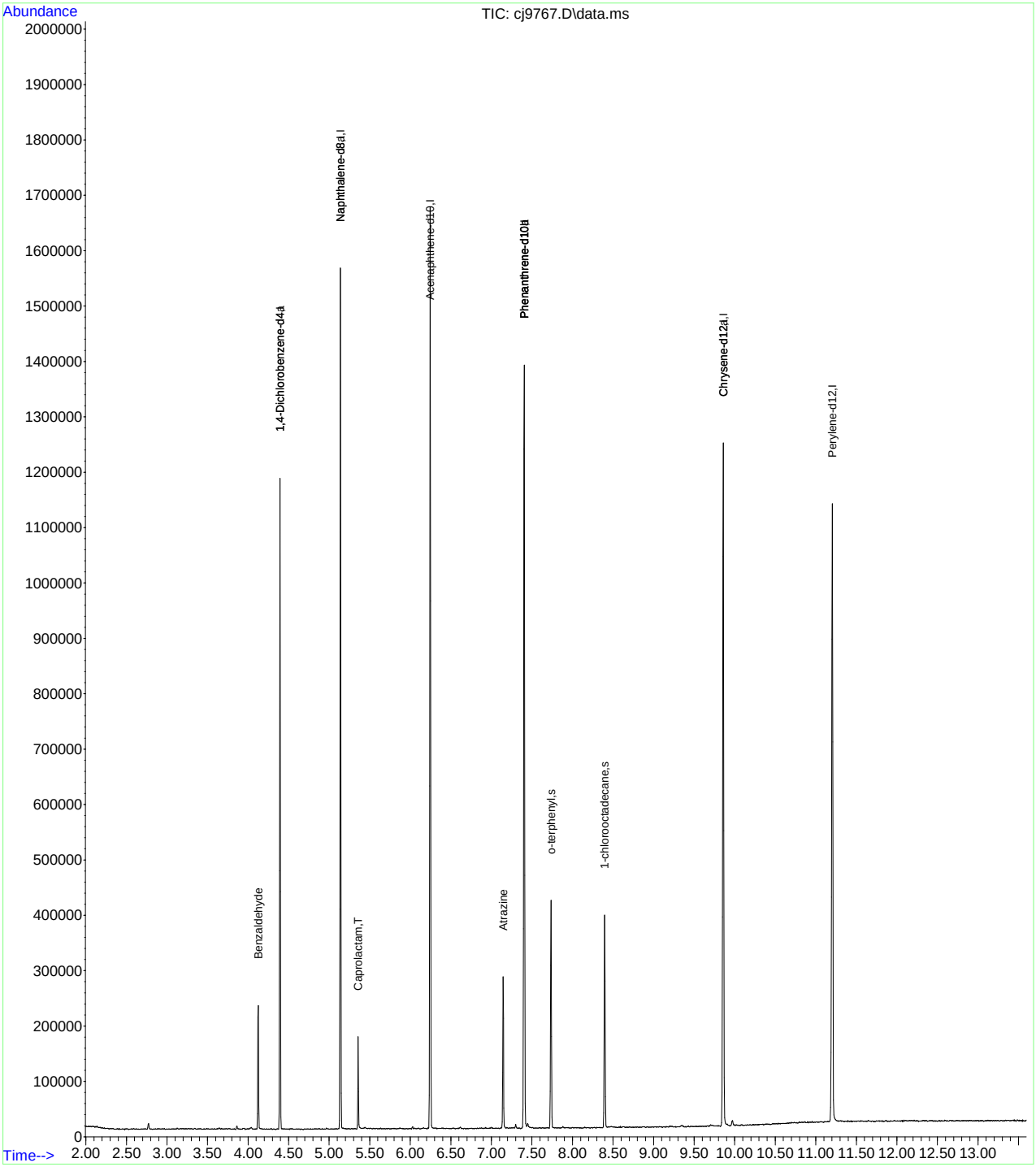
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	117386	40.00	ppm	0.00
24) Naphthalene-d8	5.138	136	456466	40.00	ppm	0.00
46) Acenaphthene-d10	6.245	164	254956	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	433528	40.00	ppm	0.00
84) Chrysene-d12	9.861	240	358839	40.00	ppm	-0.01
93) Perylene-d12	11.203	264	370638	40.00	ppm	-0.01
103) 1,4-Dichlorobenzene-d4a	4.394	152	117386	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	433528	40.00	ppm	0.00
107) Naphthalene-d8a	5.138	136	456466	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	433528	40.00	ppm	0.00
112) Chrysene-d12a	9.861	240	358839	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	8.395	57	48226	9.89	ppm	0.00
Spiked Amount 50.000			Recovery = 19.78%			
111) o-terphenyl	7.737	230	60696	10.56	ppm	0.00
Spiked Amount 50.000			Recovery = 21.12%			
Target Compounds						Qvalue
104) Benzaldehyde	4.127	105	34420	10.15	ppm	98
106) Atrazine	7.143	215	11379	9.90	ppm	98
108) Caprolactam	5.357	55	20972	10.49	ppm	98

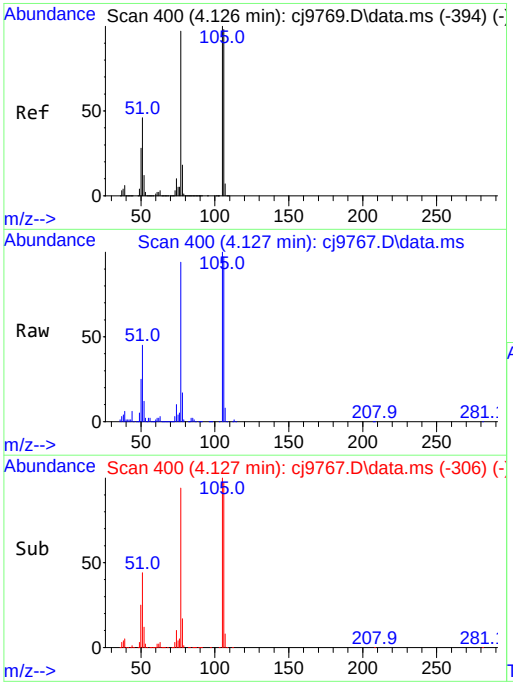
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9767.D
Acq On : 17 Dec 2024 08:13 pm
Operator : rocquans
Sample : ic420-10
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 20 10:17:27 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:11:07 2024
Response via : Initial Calibration

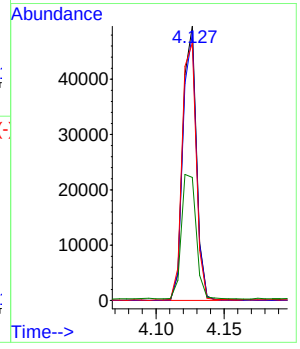


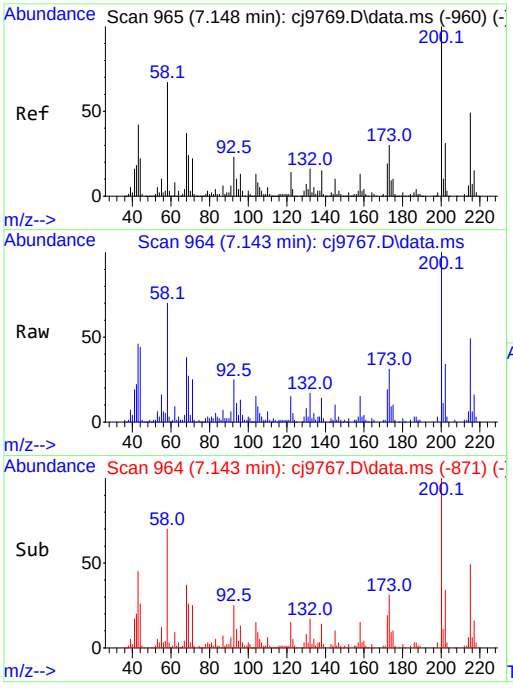


#104
Benzaldehyde
Concen: 10.15 ppm
RT: 4.127 min Scan# 400
Delta R.T. 0.000 min
Lab File: cj9767.D
Acq: 17 Dec 2024 08:13 pm

Tgt Ion:105 Resp: 34420

Ion	Ratio	Lower	Upper
105	100		
106	97.2	67.9	127.9
77	93.6	66.9	126.9
51	44.3	16.2	76.2

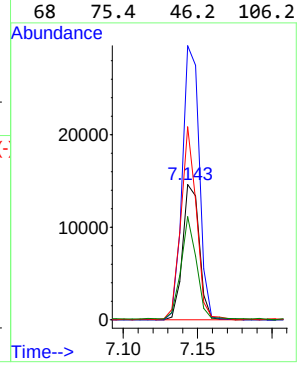


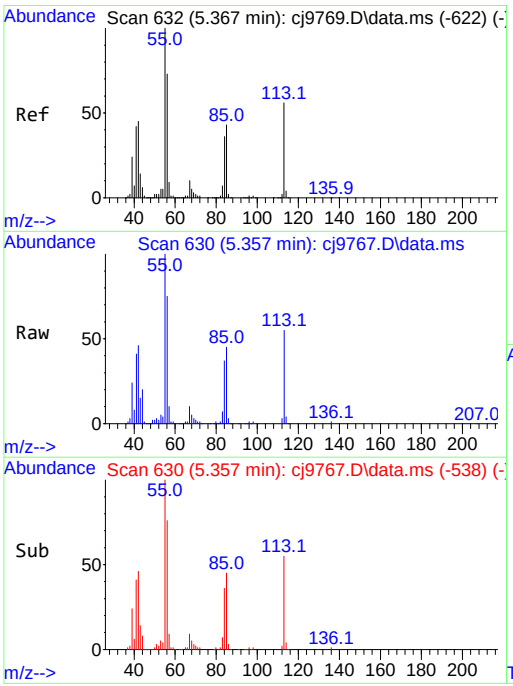


#106
Atrazine
Concen: 9.90 ppm
RT: 7.143 min Scan# 964
Delta R.T. -0.005 min
Lab File: cj9767.D
Acq: 17 Dec 2024 08:13 pm

Tgt Ion:215 Resp: 11379

Ion	Ratio	Lower	Upper
215	100		
200	202.7	174.8	234.8
58	142.3	106.4	166.4
68	75.4	46.2	106.2

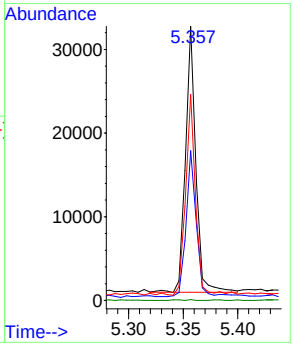




#108
Caprolactam
Concen: 10.49 ppm
RT: 5.357 min Scan# 630
Delta R.T. -0.010 min
Lab File: cj9767.D
Acq: 17 Dec 2024 08:13 pm

Tgt Ion: 55 Resp: 20972

Ion	Ratio	Lower	Upper
55	100		
113	54.6	25.6	85.6
56	75.2	42.9	102.9
48	0.2	0.0	30.1



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9768.D
Acq On : 17 Dec 2024 08:31 pm
Operator : rocquans
Sample : ic420-25
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 20 10:18:54 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:11:07 2024
Response via : Initial Calibration

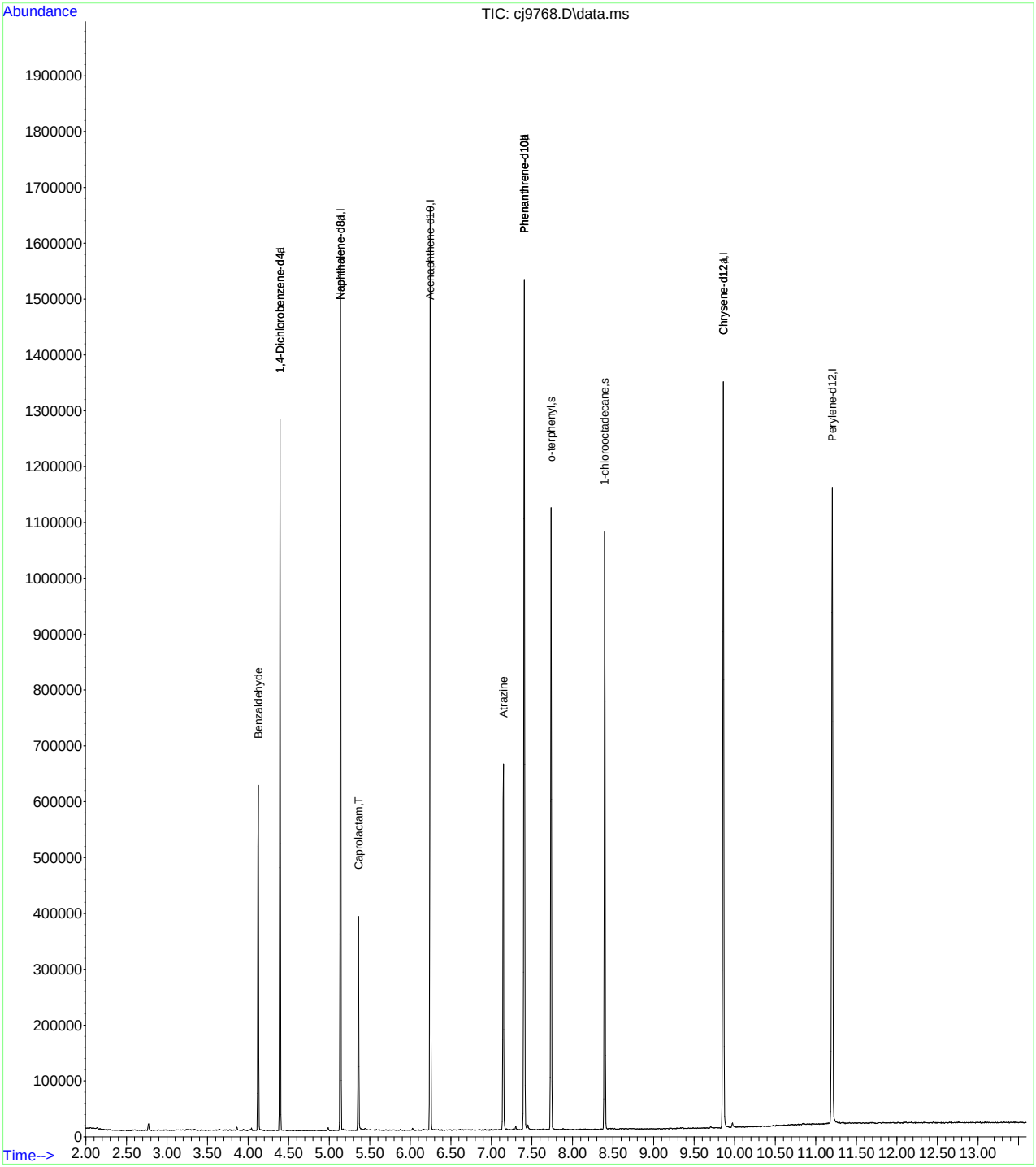
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	126759	40.00	ppm	0.00
24) Naphthalene-d8	5.138	136	495368	40.00	ppm	0.00
46) Acenaphthene-d10	6.245	164	268775	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	452528	40.00	ppm	0.00
84) Chrysene-d12	9.860	240	376748	40.00	ppm	-0.01
93) Perylene-d12	11.203	264	388632	40.00	ppm	-0.01
103) 1,4-Dichlorobenzene-d4a	4.394	152	126759	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	452528	40.00	ppm	0.00
107) Naphthalene-d8a	5.138	136	495368	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	452528	40.00	ppm	0.00
112) Chrysene-d12a	9.860	240	376748	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	8.395	57	128974	25.33	ppm	0.00
Spiked Amount 50.000			Recovery = 50.66%			
111) o-terphenyl	7.737	230	154615	25.76	ppm	0.00
Spiked Amount 50.000			Recovery = 51.52%			
Target Compounds						Qvalue
104) Benzaldehyde	4.127	105	90297	24.66	ppm	99
106) Atrazine	7.149	215	29391	24.50	ppm	87
108) Caprolactam	5.362	55	55403	25.54	ppm	99

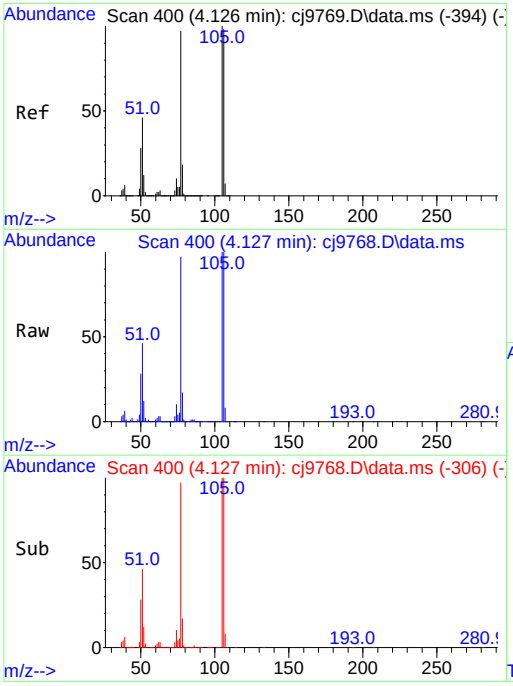
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9768.D
Acq On : 17 Dec 2024 08:31 pm
Operator : rocquans
Sample : ic420-25
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 20 10:18:54 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:11:07 2024
Response via : Initial Calibration

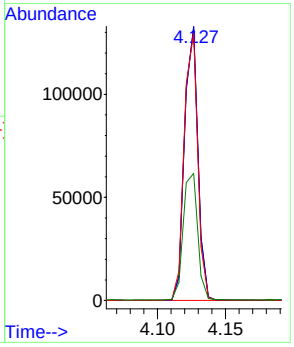


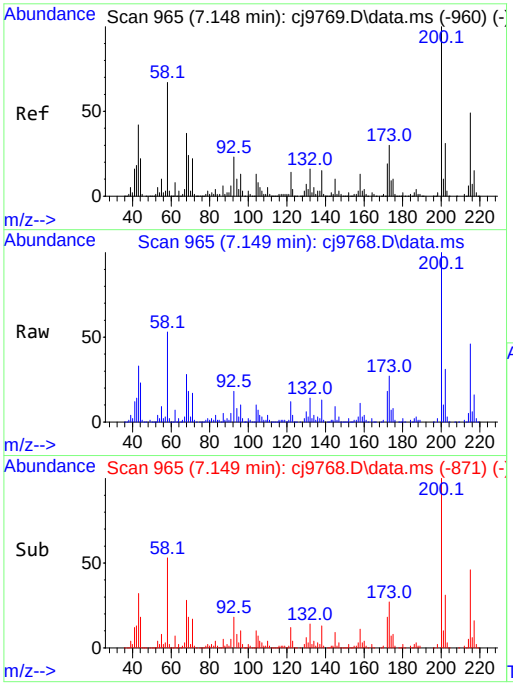


#104
Benzaldehyde
Concen: 24.66 ppm
RT: 4.127 min Scan# 400
Delta R.T. 0.000 min
Lab File: cj9768.D
Acq: 17 Dec 2024 08:31 pm

Tgt Ion:105 Resp: 90297

Ion	Ratio	Lower	Upper
105	100		
106	100.4	67.9	127.9
77	97.7	66.9	126.9
51	46.4	16.2	76.2

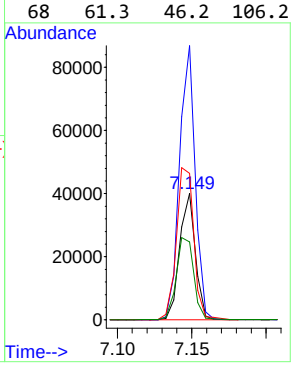


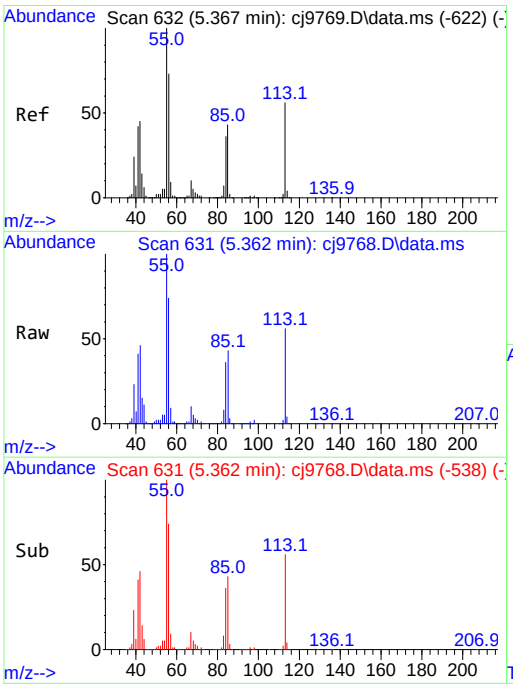


#106
Atrazine
Concen: 24.50 ppm
RT: 7.149 min Scan# 965
Delta R.T. 0.000 min
Lab File: cj9768.D
Acq: 17 Dec 2024 08:31 pm

Tgt Ion:215 Resp: 29391

Ion	Ratio	Lower	Upper
215	100		
200	216.8	174.8	234.8
58	115.7	106.4	166.4
68	61.3	46.2	106.2

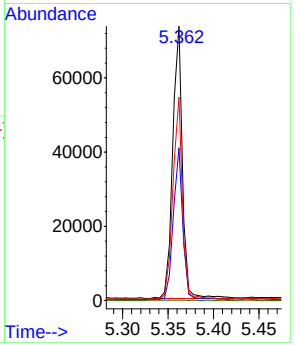




#108
Caprolactam
Concen: 25.54 ppm
RT: 5.362 min Scan# 631
Delta R.T. -0.005 min
Lab File: cj9768.D
Acq: 17 Dec 2024 08:31 pm

Tgt Ion: 55 Resp: 55403

Ion	Ratio	Lower	Upper
55	100		
113	55.5	25.6	85.6
56	74.0	42.9	102.9
48	0.0	0.0	30.1



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9769.D
Acq On : 17 Dec 2024 08:49 pm
Operator : rocquans
Sample : ic420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 20 10:25:15 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:24:00 2024
Response via : Initial Calibration

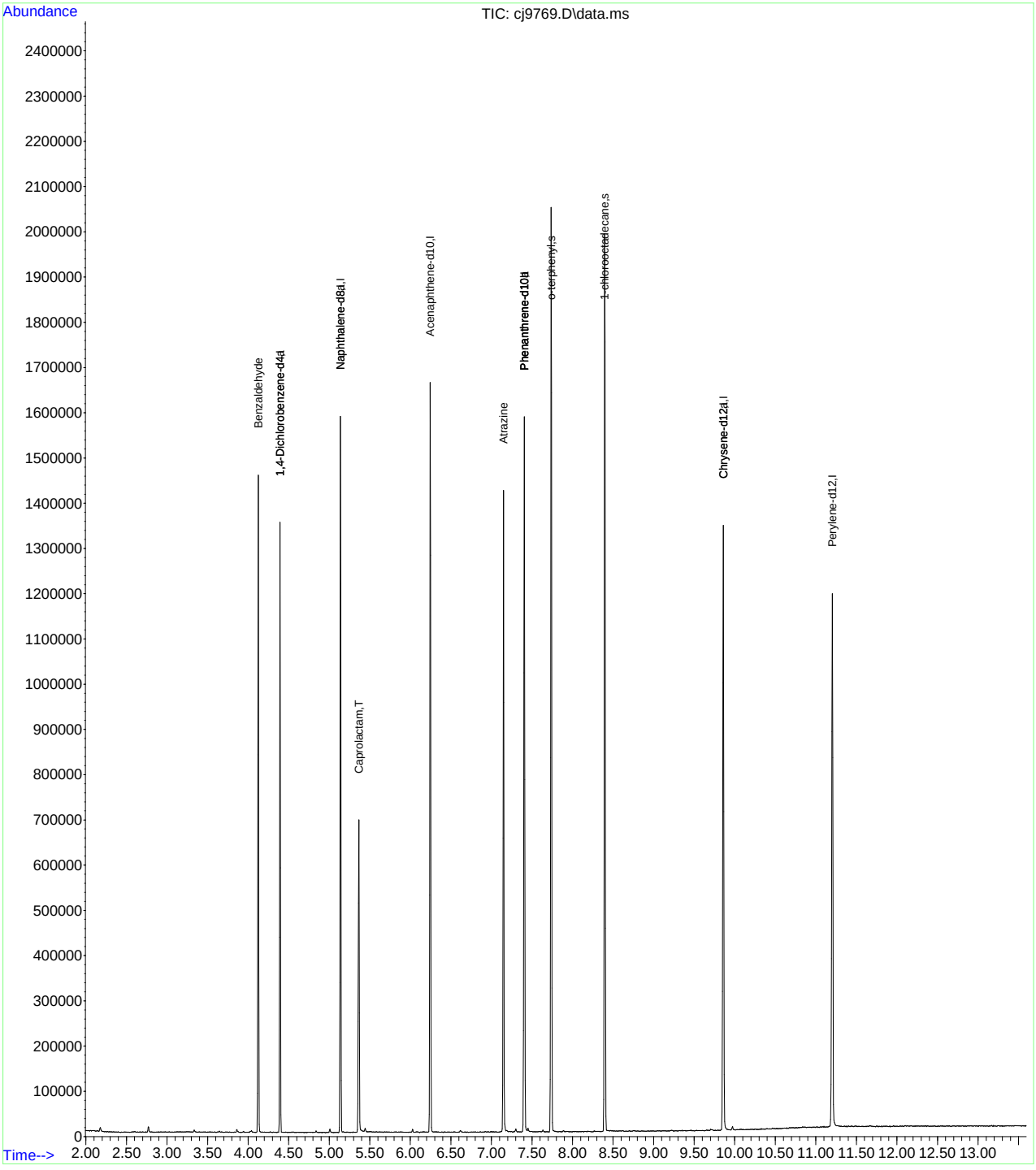
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	133495	40.00	ppm	0.00
24) Naphthalene-d8	5.137	136	518978	40.00	ppm	0.00
46) Acenaphthene-d10	6.244	164	277101	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	462118	40.00	ppm	0.00
84) Chrysene-d12	9.860	240	375691	40.00	ppm	-0.01
93) Perylene-d12	11.203	264	389168	40.00	ppm	-0.01
103) 1,4-Dichlorobenzene-d4a	4.394	152	133495	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	462118	40.00	ppm	0.00
107) Naphthalene-d8a	5.137	136	518978	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	462118	40.00	ppm	0.00
112) Chrysene-d12a	9.860	240	375691	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	8.395	57	259991	50.45	ppm	0.00
Spiked Amount 50.000			Recovery = 100.90%			
111) o-terphenyl	7.737	230	306418	50.02	ppm	0.00
Spiked Amount 50.000			Recovery = 100.04%			
Target Compounds						Qvalue
104) Benzaldehyde	4.126	105	192065	49.90	ppm	99
106) Atrazine	7.148	215	61258	50.58	ppm #	86
108) Caprolactam	5.367	55	113641	50.56	ppm	98

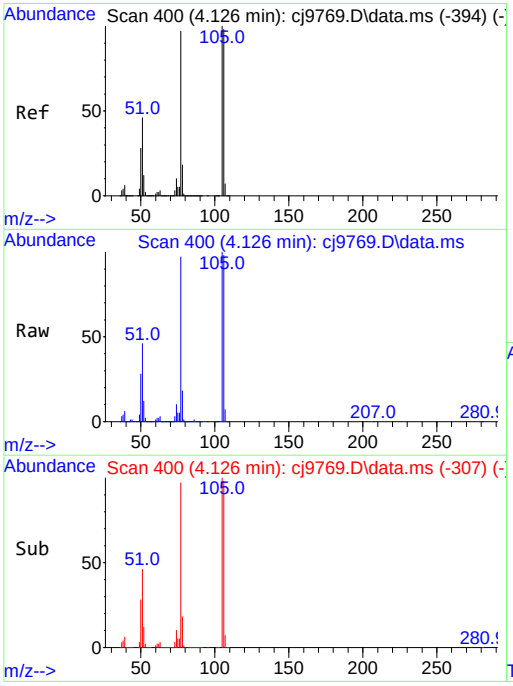
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9769.D
Acq On : 17 Dec 2024 08:49 pm
Operator : rocquans
Sample : ic420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 20 10:25:15 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:24:00 2024
Response via : Initial Calibration

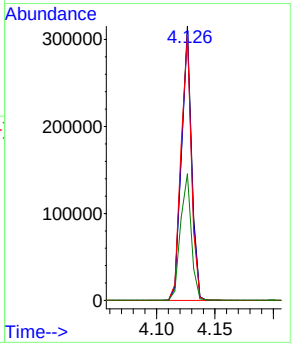


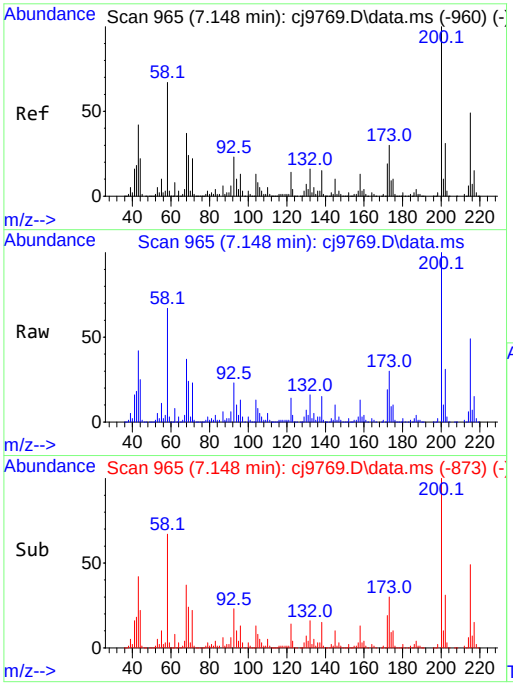


#104
Benzaldehyde
Concen: 49.90 ppm
RT: 4.126 min Scan# 400
Delta R.T. -0.000 min
Lab File: cj9769.D
Acq: 17 Dec 2024 08:49 pm

Tgt Ion:105 Resp: 192065

Ion	Ratio	Lower	Upper
105	100		
106	97.9	66.3	126.3
77	96.9	67.2	127.2
51	46.1	18.4	78.4

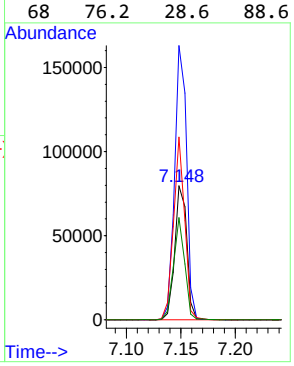


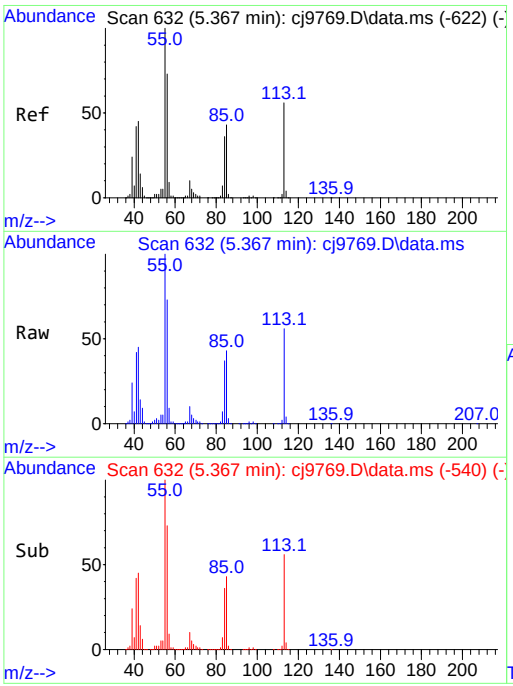


#106
Atrazine
Concen: 50.58 ppm
RT: 7.148 min Scan# 965
Delta R.T. -0.005 min
Lab File: cj9769.D
Acq: 17 Dec 2024 08:49 pm

Tgt Ion:215 Resp: 61258

Ion	Ratio	Lower	Upper
215	100		
200	204.8	180.6	240.6
58	136.4	74.5	134.5#
68	76.2	28.6	88.6

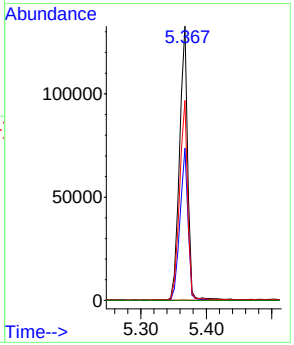




#108
Caprolactam
Concen: 50.56 ppm
RT: 5.367 min Scan# 632
Delta R.T. -0.005 min
Lab File: cj9769.D
Acq: 17 Dec 2024 08:49 pm

Tgt Ion: 55 Resp: 113641

Ion	Ratio	Lower	Upper
55	100		
113	55.6	28.9	88.9
56	72.9	43.5	103.5
48	0.1	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9770.D
Acq On : 17 Dec 2024 09:07 pm
Operator : rocquans
Sample : ic420-80
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 20 10:20:24 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:11:07 2024
Response via : Initial Calibration

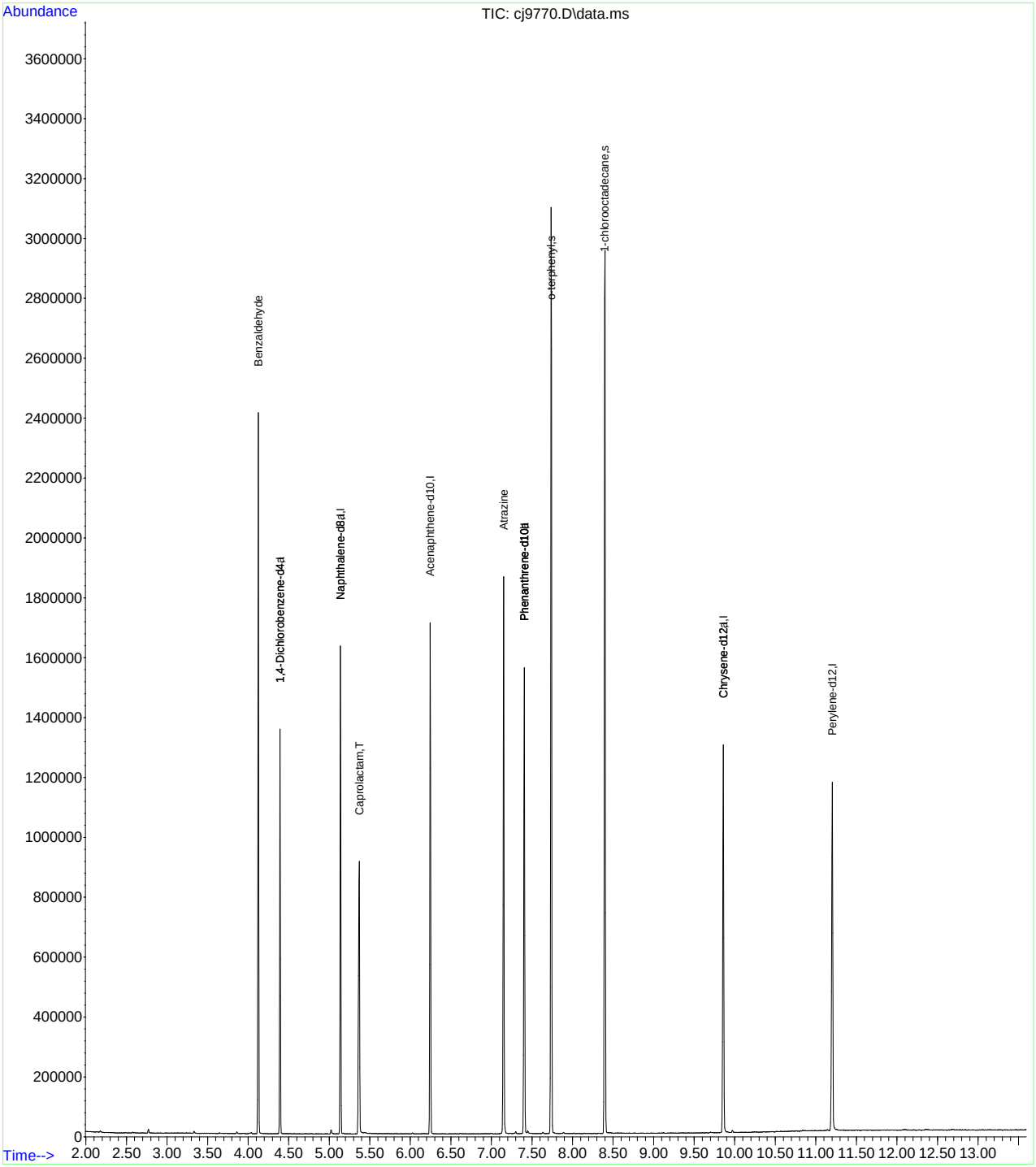
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	135297	40.00	ppm	0.00
24) Naphthalene-d8	5.137	136	516111	40.00	ppm	0.00
46) Acenaphthene-d10	6.244	164	280110	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	451300	40.00	ppm	0.00
84) Chrysene-d12	9.860	240	361395	40.00	ppm	-0.01
93) Perylene-d12	11.203	264	383369	40.00	ppm	-0.01
103) 1,4-Dichlorobenzene-d4a	4.394	152	135297	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	451300	40.00	ppm	0.00
107) Naphthalene-d8a	5.137	136	516111	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	451300	40.00	ppm	0.00
112) Chrysene-d12a	9.860	240	361395	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	8.395	57	398929	78.56	ppm	0.00
Spiked Amount 50.000			Recovery = 157.12%			
111) o-terphenyl	7.737	230	478347	79.93	ppm	0.00
Spiked Amount 50.000			Recovery = 159.86%			
Target Compounds						Qvalue
104) Benzaldehyde	4.126	105	311587	79.74	ppm	99
106) Atrazine	7.154	215	93515	78.16	ppm #	86
108) Caprolactam	5.373	55	176850	78.24	ppm	98

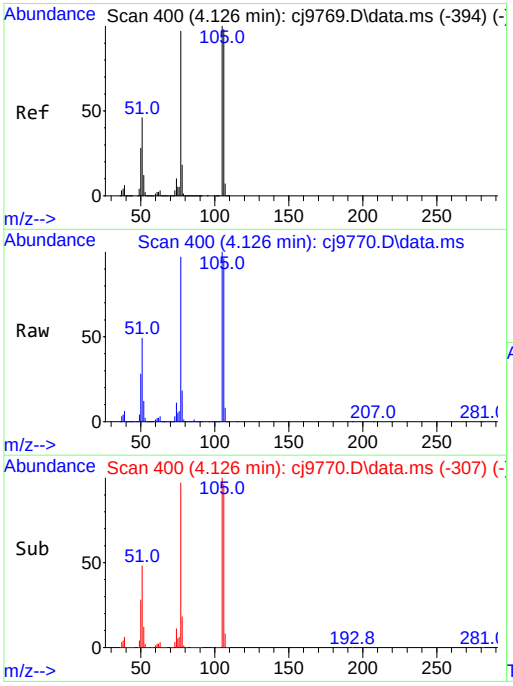
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9770.D
Acq On : 17 Dec 2024 09:07 pm
Operator : rocquans
Sample : ic420-80
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 20 10:20:24 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:11:07 2024
Response via : Initial Calibration

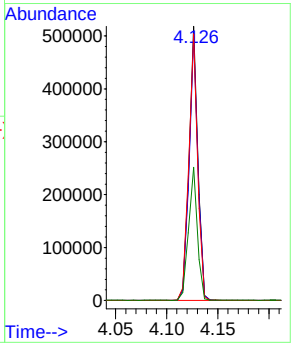


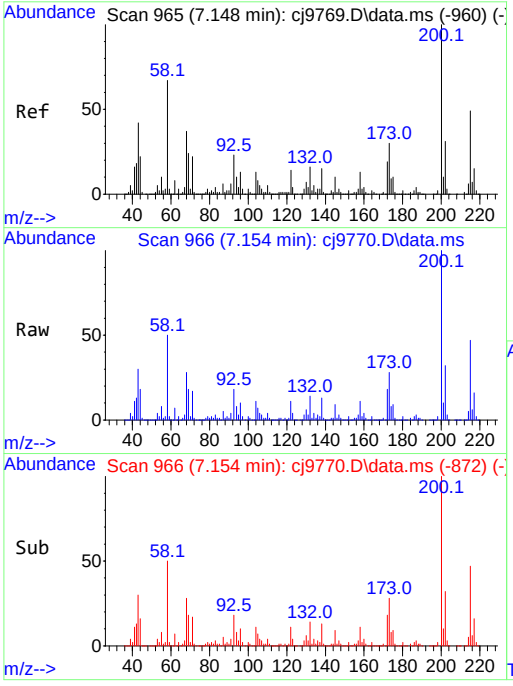


#104
Benzaldehyde
Concen: 79.74 ppm
RT: 4.126 min Scan# 400
Delta R.T. 0.000 min
Lab File: cj9770.D
Acq: 17 Dec 2024 09:07 pm

Tgt Ion:105 Resp: 311587

Ion	Ratio	Lower	Upper
105	100		
106	96.3	67.9	127.9
77	97.2	66.9	126.9
51	48.4	16.2	76.2

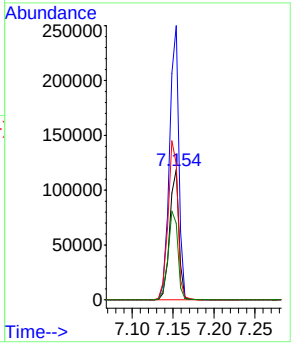


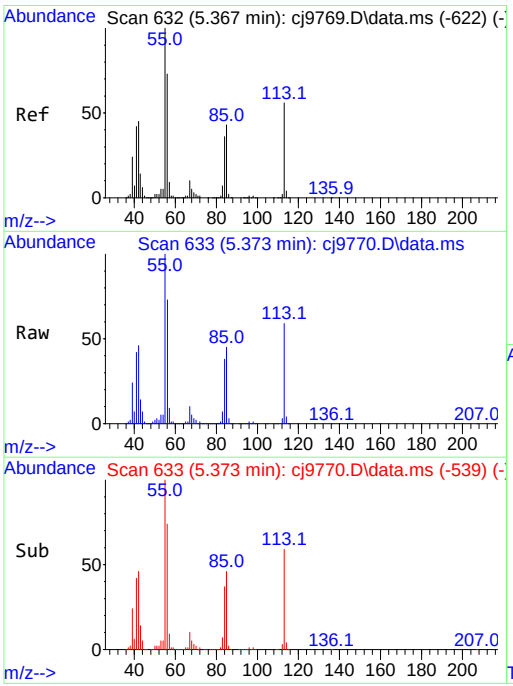


#106
Atrazine
Concen: 78.16 ppm
RT: 7.154 min Scan# 966
Delta R.T. 0.005 min
Lab File: cj9770.D
Acq: 17 Dec 2024 09:07 pm

Tgt Ion:215 Resp: 93515

Ion	Ratio	Lower	Upper
215	100		
200	210.6	174.8	234.8
58	104.5	106.4	166.4#
68	58.6	46.2	106.2

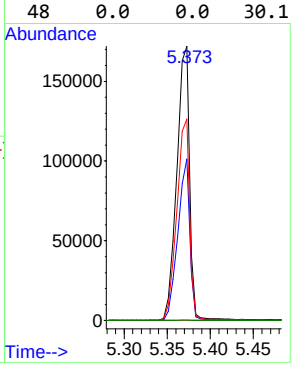




#108
Caprolactam
Concen: 78.24 ppm
RT: 5.373 min Scan# 633
Delta R.T. 0.005 min
Lab File: cj9770.D
Acq: 17 Dec 2024 09:07 pm

Tgt Ion: 55 Resp: 176850

Ion	Ratio	Lower	Upper
55	100		
113	58.9	25.6	85.6
56	73.5	42.9	102.9
48	0.0	0.0	30.1



7.6.14

7

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9772.D
Acq On : 17 Dec 2024 09:42 pm
Operator : rocquans
Sample : icv420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 20 09:45:06 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:44:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	135620	40.00	ppm	0.00
24) Naphthalene-d8	5.143	136	534274	40.00	ppm	0.00
46) Acenaphthene-d10	6.245	164	279899	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	489430	40.00	ppm	0.00
84) Chrysene-d12	9.866	240	382564	40.00	ppm	0.00
93) Perylene-d12	11.203	264	401919	40.00	ppm	-0.01
103) 1,4-Dichlorobenzene-d4a	4.394	152	135620	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	489430	40.00	ppm	0.00
107) Naphthalene-d8a	5.143	136	534274	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	489430	40.00	ppm	0.00
112) Chrysene-d12a	9.866	240	382564	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.249	88	92298	54.78	ppm	99
6) Indene	4.549	116	411299	52.42	ppm	98
7) Cumene	3.907	105	498401	54.57	ppm	99
11) bis(2-Chloroethyl)ether	4.228	93	237567	52.92	ppm	96
13) Decane	4.298	43	264406	52.10	ppm	94
14) 1,3-Dichlorobenzene	4.362	146	277595	53.67	ppm	98
15) 1,4-Dichlorobenzene	4.405	146	280333	53.38	ppm	99
16) Benzyl alcohol	4.474	108	161367	51.91	ppm	98
17) 1,2-Dichlorobenzene	4.496	146	267986	53.96	ppm	99
18) Acetophenone	4.629	105	348230	52.41	ppm	87
20) 2,2'-oxybis(1-Chloropr...	4.555	121	77813	52.50	ppm #	85
23) Hexachloroethane	4.699	201	94322	54.17	ppm	94
26) Nitrobenzene	4.731	77	246069	48.69	ppm	98
27) Quinoline	5.346	129	466613	51.26	ppm	98
28) Isophorone	4.865	82	464611	51.87	ppm	93
32) bis(2-Chloroethoxy)met...	4.988	93	293824	50.81	ppm	99
35) 1,3,5-Trichlorobenzene	4.924	180	226321	51.91	ppm	95
36) 1,2,4-Trichlorobenzene	5.105	180	214245	52.23	ppm	98
37) 1,2,3-Trichlorobenzene	5.234	180	206546	50.53	ppm	97
38) Naphthalene	5.154	128	717820	51.13	ppm	98
40) 2,3-Dichloroaniline	5.731	161	219697	49.67	ppm	96
42) Hexachlorobutadiene	5.223	225	116989	51.80	ppm	99
44) 2-Methylnaphthalene	5.560	141	428576	52.17	ppm	97
45) 1-Methylnaphthalene	5.624	141	402865	51.29	ppm	97
47) Hexachlorocyclopentadiene	5.662	237	260479	122.30	ppm	94

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9772.D
Acq On : 17 Dec 2024 09:42 pm
Operator : rocquans
Sample : icv420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 20 09:45:06 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:44:27 2024
Response via : Initial Calibration

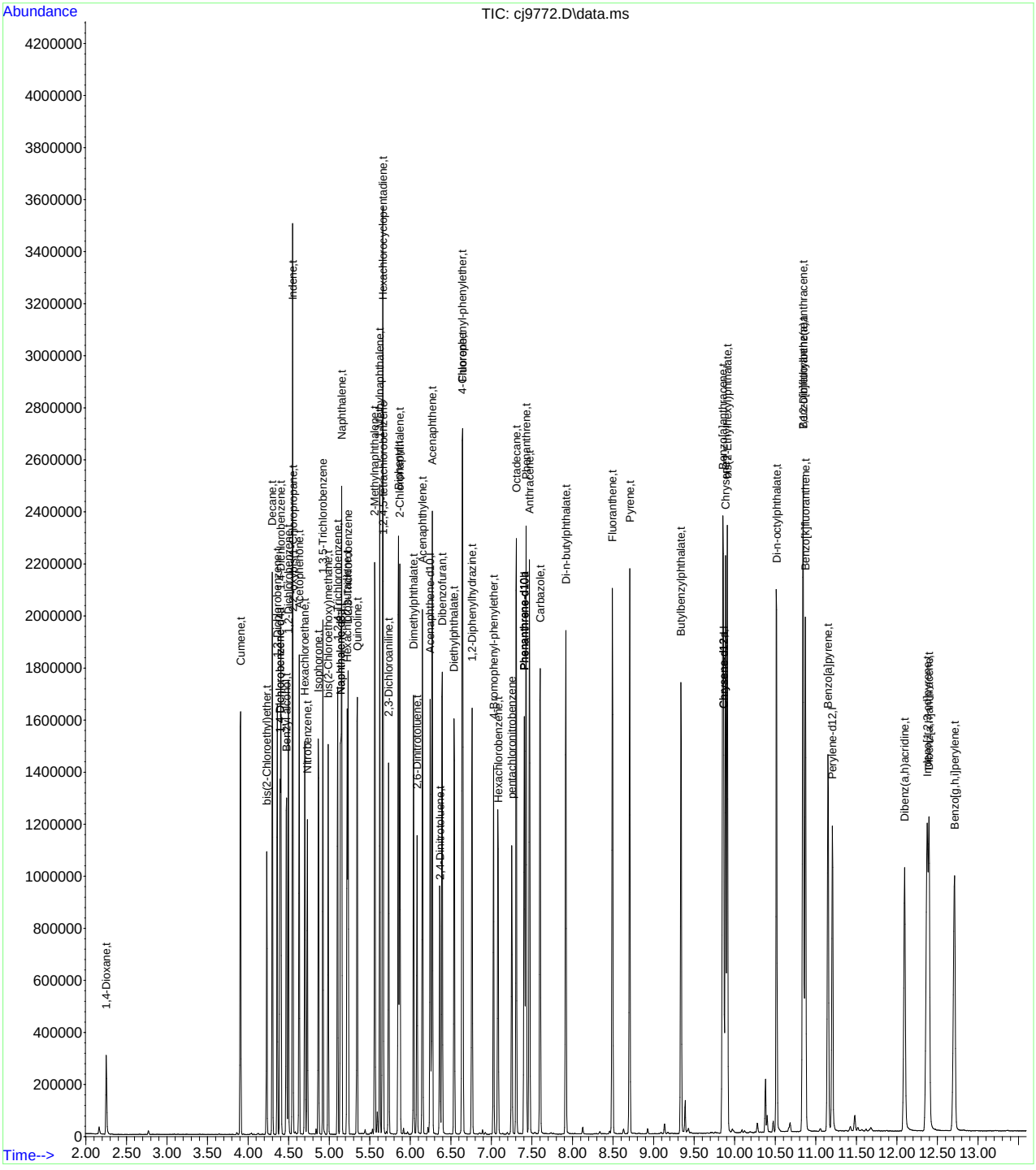
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,2,4,5-tetrachloroben...	5.667	216	200134	53.27	ppm	98
52) 2-Chloronaphthalene	5.870	162	435126	53.00	ppm	99
53) Biphenyl	5.854	154	563420	52.32	ppm	99
55) Dimethylphthalate	6.041	163	496119	51.66	ppm	100
56) Acenaphthylene	6.148	152	642264	54.01	ppm	99
57) 2,6-Dinitrotoluene	6.084	165	101461	54.11	ppm	94
59) Acenaphthene	6.271	153	456267	52.93	ppm	96
62) Dibenzofuran	6.394	168	605765	52.33	ppm	95
63) 2,4-Dinitrotoluene	6.368	165	139307	53.45	ppm	96
65) Diethylphthalate	6.539	149	508578	51.08	ppm	99
66) Fluorene	6.646	166	492881	53.28	ppm	96
67) 4-Chlorophenyl-phenyle...	6.641	204	224236	54.04	ppm	98
72) 1,2-Diphenylhydrazine	6.764	77	499892	50.62	ppm	99
73) pentachloronitrobenzene	7.250	295	21234	52.75	ppm	99
75) 4-Bromophenyl-phenylether	7.026	248	123141	52.17	ppm	95
76) Hexachlorobenzene	7.084	284	126957	50.34	ppm	88
78) Phenanthrene	7.427	178	697410	49.68	ppm	100
79) Anthracene	7.470	178	711894	50.82	ppm	99
80) Carbazole	7.603	167	667851	49.02	ppm	100
81) Di-n-butylphthalate	7.919	149	871156	51.43	ppm	99
82) Fluoranthene	8.491	202	735560	50.66	ppm	99
83) Octadecane	7.309	57	404053	51.51	ppm	96
86) Pyrene	8.705	202	758197	53.08	ppm	99
88) Butylbenzylphthalate	9.336	149	380055	57.12	ppm	98
89) Benzo[a]anthracene	9.855	228	683027	52.13	ppm	97
91) Chrysene	9.887	228	654468	53.33	ppm	99
92) bis(2-Ethylhexyl)phtha...	9.909	149	578158	57.92	ppm	99
94) Di-n-octylphthalate	10.518	149	995963	57.51	ppm	99
95) Benzo[b]fluoranthene	10.845	252	702957	54.62	ppm	98
96) Benzo[k]fluoranthene	10.871	252	618054	53.69	ppm	99
97) Benzo[a]pyrene	11.149	252	568815	53.87	ppm	98
98) Indeno[1,2,3-cd]pyrene	12.374	276	711636	53.81	ppm	97
99) Dibenz(a,h)acridine	12.096	279	488057	54.80	ppm	100
100) Dibenz[a,h]anthracene	12.396	278	572122	54.30	ppm	99
101) 7,12-Dimethylbenz(a)an...	10.845	256	173432	39.99	ppm	97
102) Benzo[g,h,i]perylene	12.711	276	544754	53.18	ppm	99

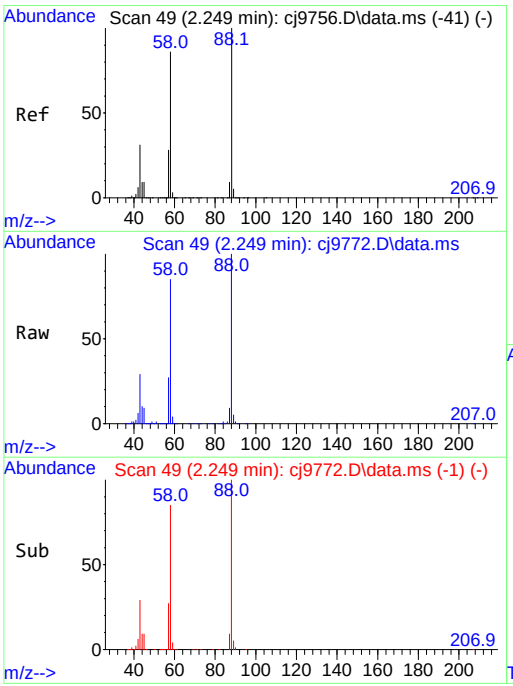
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9772.D
Acq On : 17 Dec 2024 09:42 pm
Operator : rocquans
Sample : icv420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 20 09:45:06 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:44:27 2024
Response via : Initial Calibration

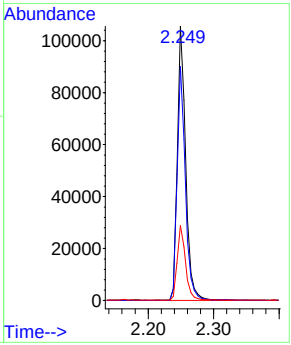


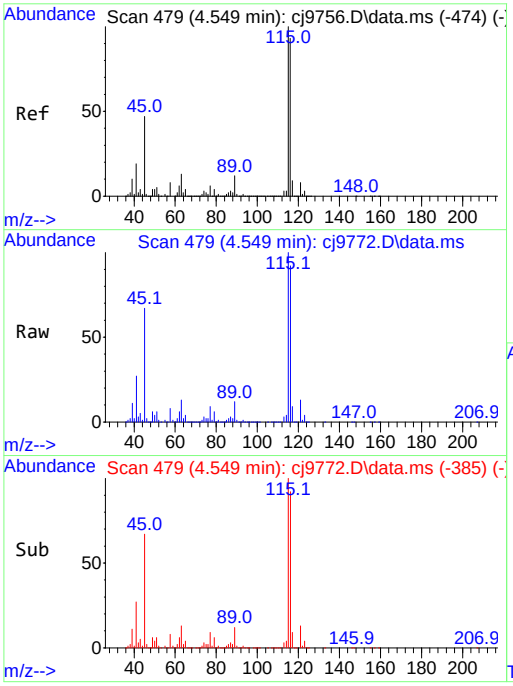


#2
1,4-Dioxane
Concen: 54.78 ppm
RT: 2.249 min Scan# 49
Delta R.T. 0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion: 88 Resp: 92298

Ion	Ratio	Lower	Upper
88	100		
58	85.3	56.0	116.0
57	27.2	0.0	57.8

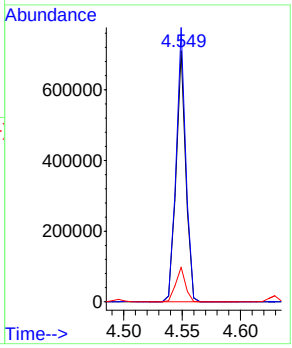


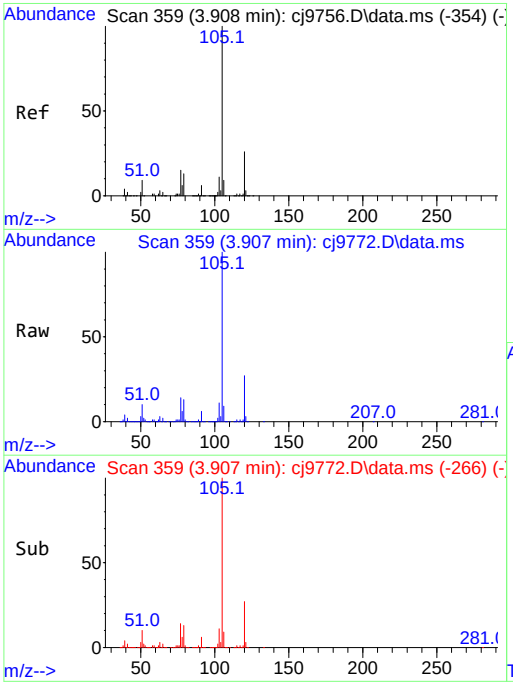


#6
Indene
Concen: 52.42 ppm
RT: 4.549 min Scan# 479
Delta R.T. 0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:116 Resp: 411299

Ion	Ratio	Lower	Upper
116	100		
115	109.2	77.6	137.6
63	13.8	0.0	44.5

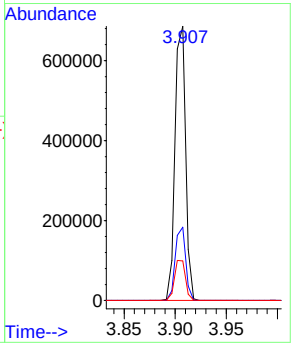


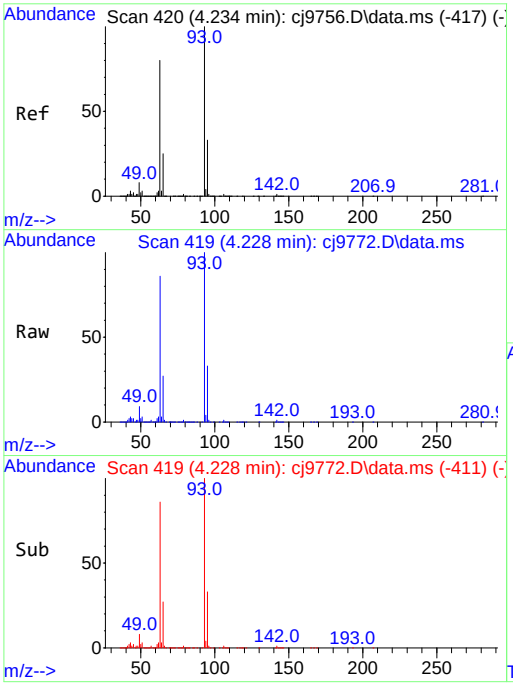


#7
Cumene
Concen: 54.57 ppm
RT: 3.907 min Scan# 359
Delta R.T. -0.001 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:105 Resp: 498401

Ion	Ratio	Lower	Upper
105	100		
120	26.8	0.0	56.3
77	14.4	0.0	44.5

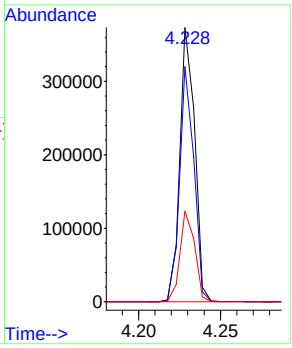


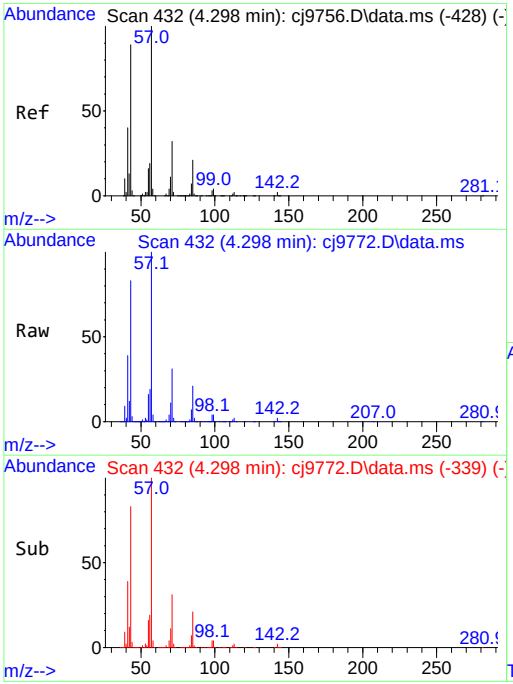


#11
bis(2-Chloroethyl)ether
Concen: 52.92 ppm
RT: 4.228 min Scan# 419
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion: 93 Resp: 237567

Ion	Ratio	Lower	Upper
93	100		
63	85.8	50.4	110.4
95	33.1	2.9	62.9

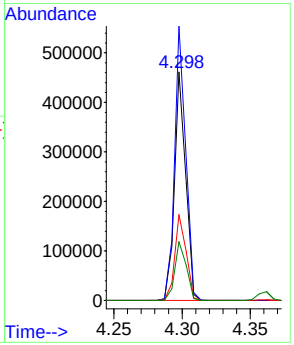


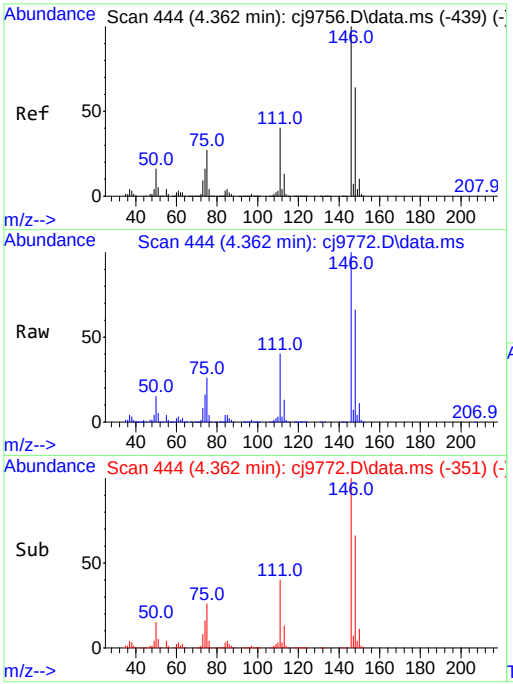


#13
Decane
Concen: 52.10 ppm
RT: 4.298 min Scan# 432
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion: 43 Resp: 264406

Ion	Ratio	Lower	Upper
43	100		
57	120.1	82.4	142.4
71	37.6	5.6	65.6
85	25.7	0.0	53.9

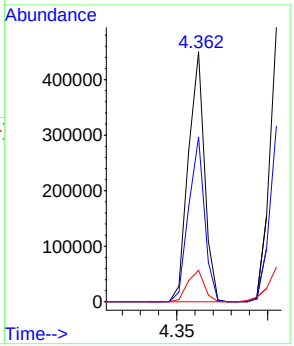


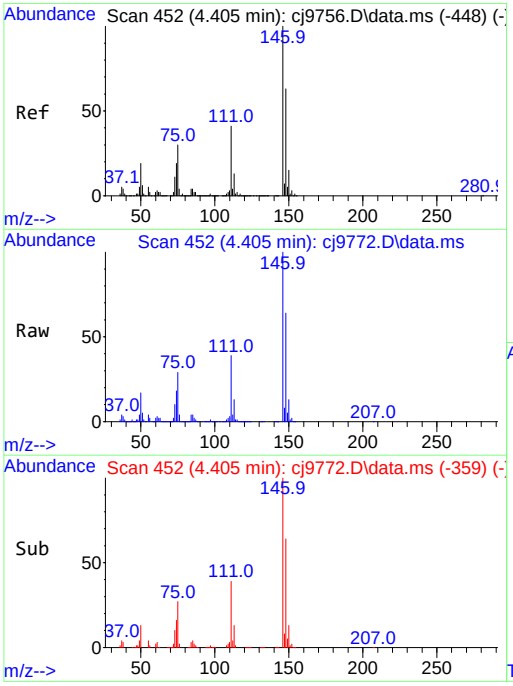


#14
1,3-Dichlorobenzene
Concen: 53.67 ppm
RT: 4.362 min Scan# 444
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:146 Resp: 277595

Ion	Ratio	Lower	Upper
146	100		
148	66.0	33.8	93.8
113	12.6	0.0	43.0

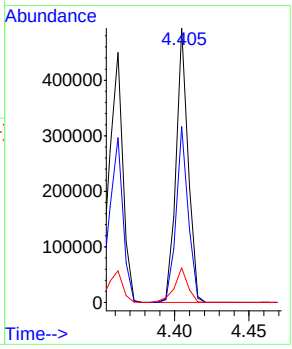


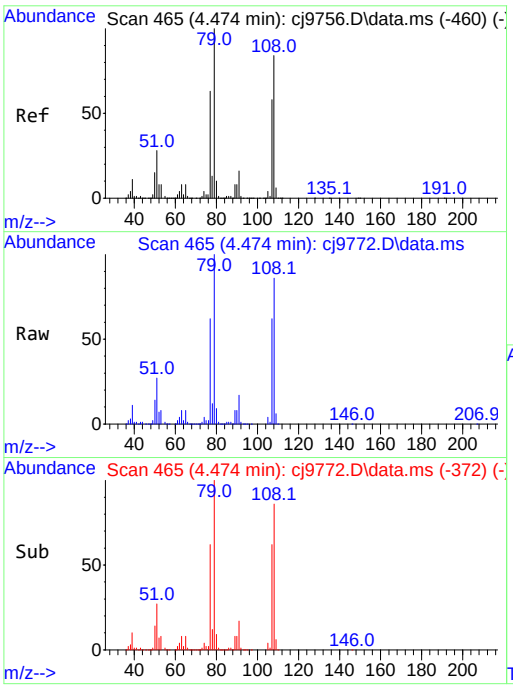


#15
1,4-Dichlorobenzene
Concen: 53.38 ppm
RT: 4.405 min Scan# 452
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:146 Resp: 280333

Ion	Ratio	Lower	Upper
146	100		
148	64.1	33.3	93.3
113	12.6	0.0	43.2

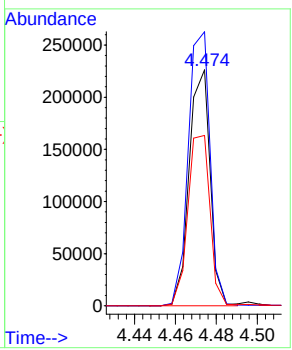


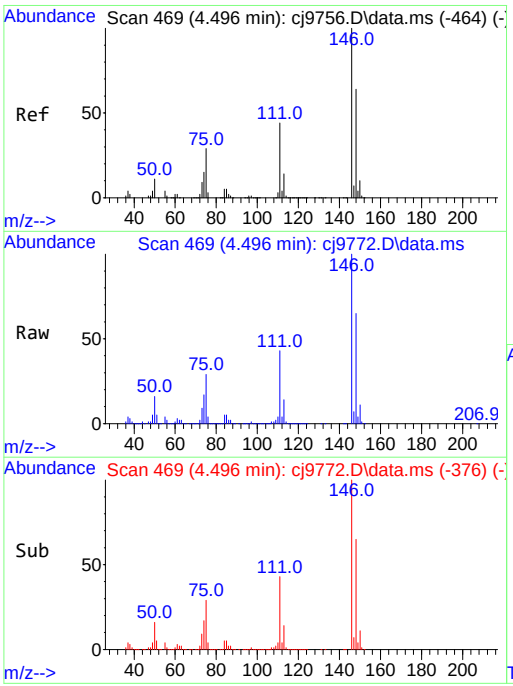


#16
Benzyl alcohol
Concen: 51.91 ppm
RT: 4.474 min Scan# 465
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:108 Resp: 161367

Ion	Ratio	Lower	Upper
108	100		
79	116.5	88.4	148.4
77	72.3	45.1	105.1

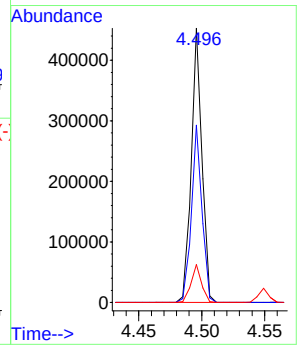


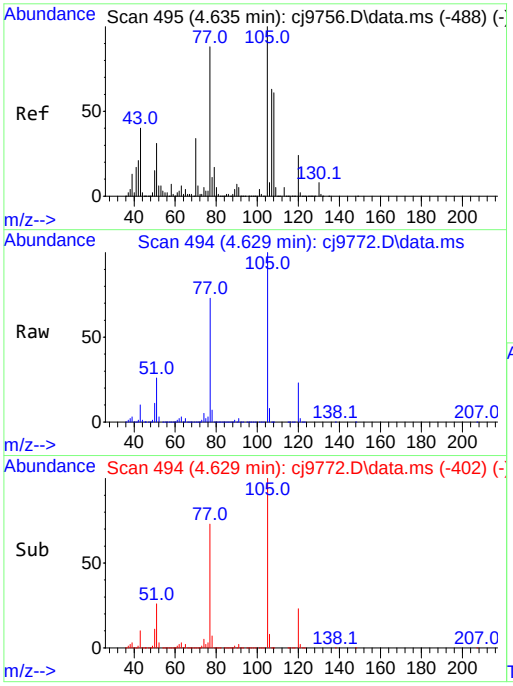


#17
1,2-Dichlorobenzene
Concen: 53.96 ppm
RT: 4.496 min Scan# 469
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:146 Resp: 267986

Ion	Ratio	Lower	Upper
146	100		
148	64.6	34.0	94.0
113	13.8	0.0	43.9

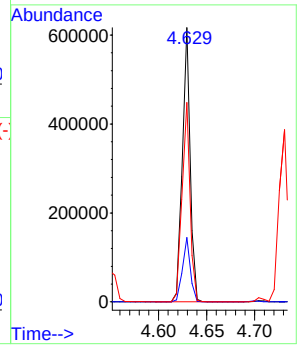


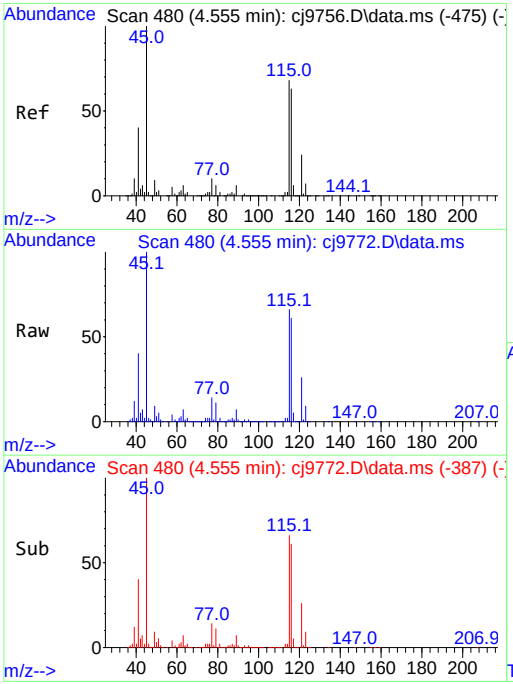


#18
Acetophenone
Concen: 52.41 ppm
RT: 4.629 min Scan# 494
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:105 Resp: 348230

Ion	Ratio	Lower	Upper
105	100		
120	23.5	0.0	54.0
77	72.6	57.6	117.6

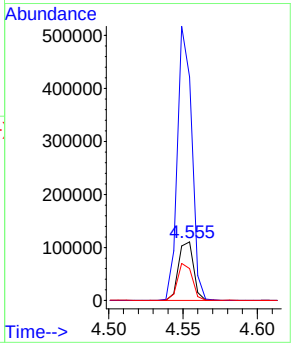


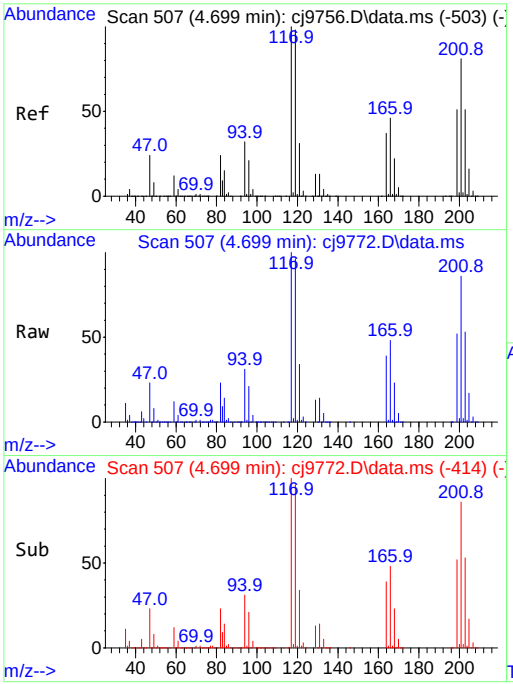


#20
2,2'-oxybis(1-Chloropropane
Concen: 52.50 ppm
RT: 4.555 min Scan# 480
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:121 Resp: 77813

Ion	Ratio	Lower	Upper
121	100		
45	381.9	389.8	449.8#
77	54.4	18.9	78.9

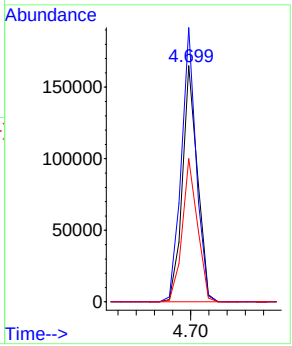


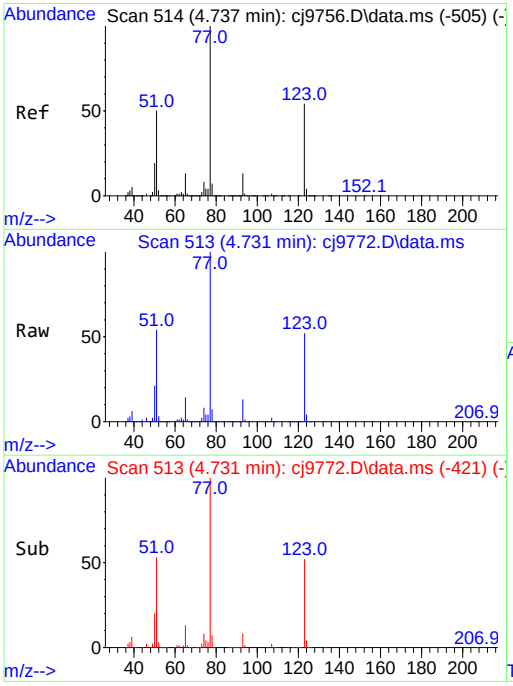


#23
Hexachloroethane
Concen: 54.17 ppm
RT: 4.699 min Scan# 507
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:201 Resp: 94322

Ion	Ratio	Lower	Upper
201	100		
117	116.2	94.0	154.0
199	60.7	33.7	93.7

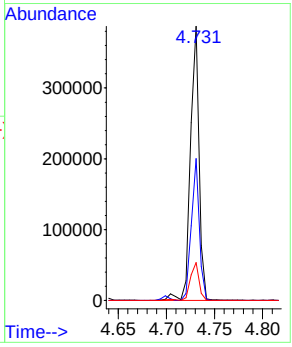


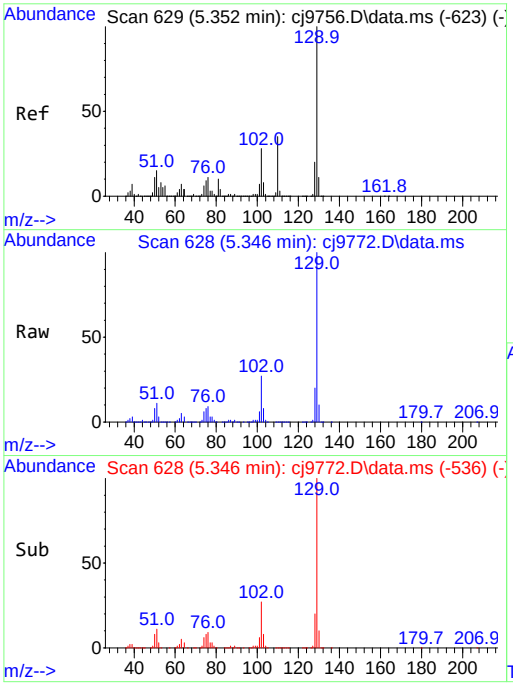


#26
Nitrobenzene
Concen: 48.69 ppm
RT: 4.731 min Scan# 513
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion: 77 Resp: 246069

Ion	Ratio	Lower	Upper
77	100		
123	51.7	23.6	83.6
65	13.9	0.0	43.4

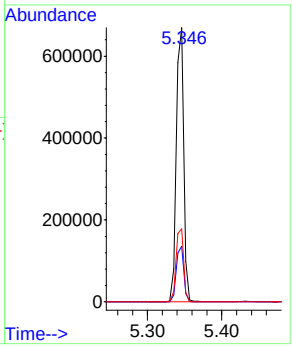


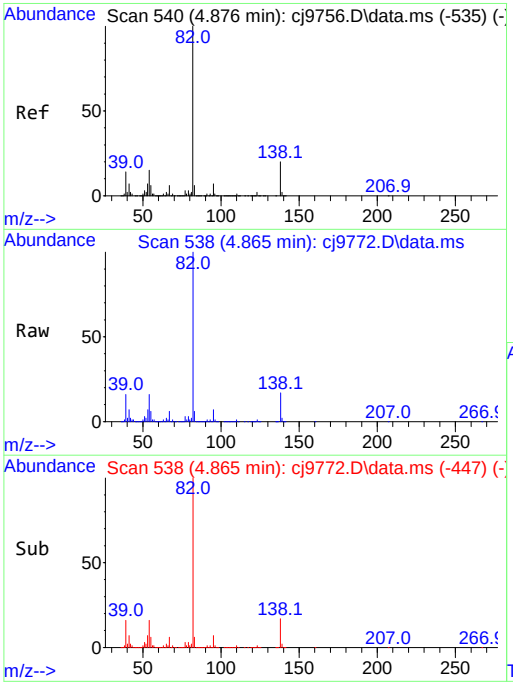


#27
Quinoline
Concen: 51.26 ppm
RT: 5.346 min Scan# 628
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:129 Resp: 466613

Ion	Ratio	Lower	Upper
129	100		
128	20.3	0.0	49.9
102	26.7	0.0	58.1

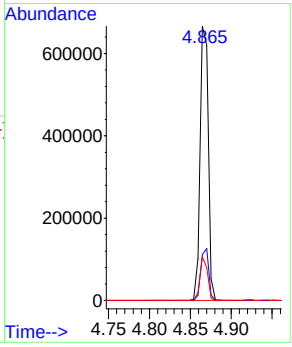


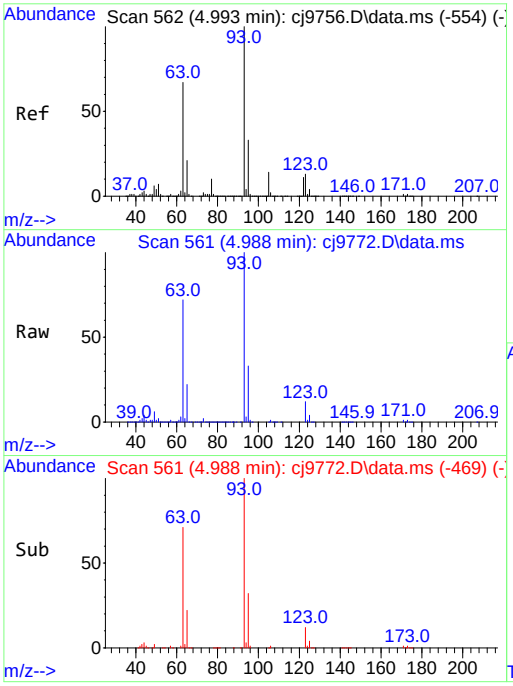


#28
Isophorone
Concen: 51.87 ppm
RT: 4.865 min Scan# 538
Delta R.T. -0.011 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion: 82 Resp: 464611

Ion	Ratio	Lower	Upper
82	100		
138	16.7	0.0	50.3
39	15.9	0.0	44.0

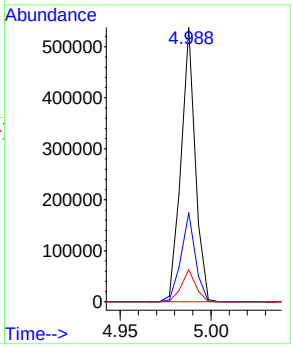


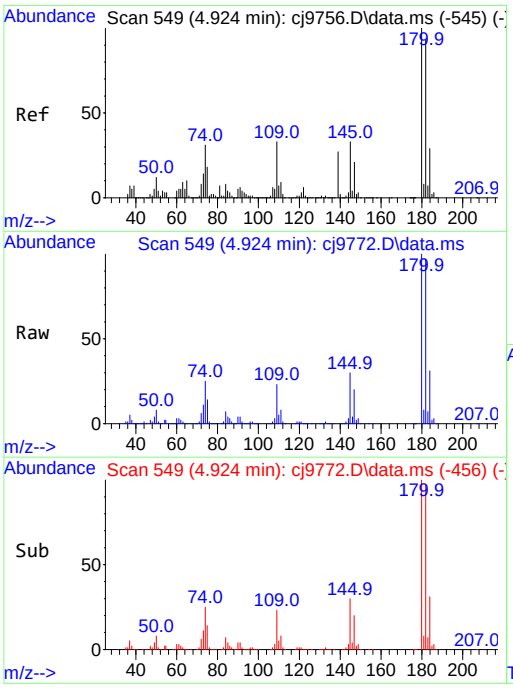


#32
bis(2-Chloroethoxy)methane
Concen: 50.81 ppm
RT: 4.988 min Scan# 561
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion: 93 Resp: 293824

Ion	Ratio	Lower	Upper
93	100		
95	32.5	3.0	63.0
123	11.8	0.0	43.0

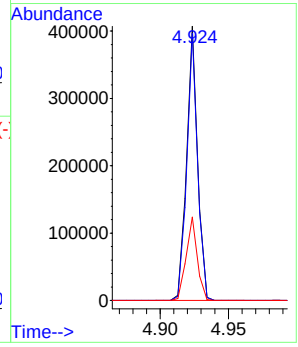


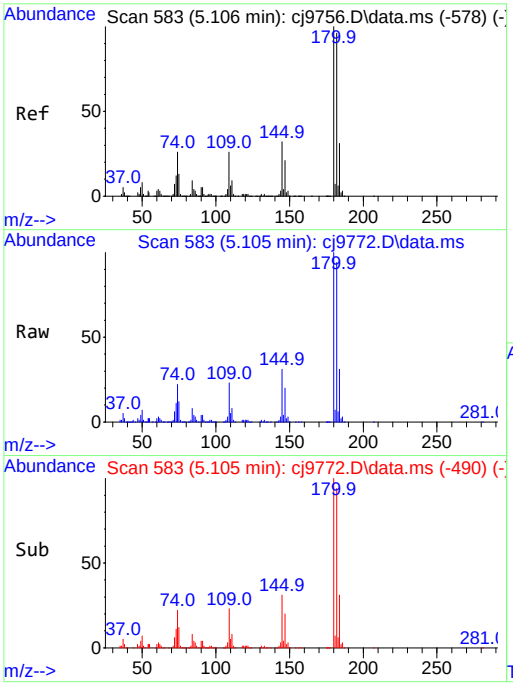


#35
1,3,5-Trichlorobenzene
Concen: 51.91 ppm
RT: 4.924 min Scan# 549
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:180 Resp: 226321

Ion	Ratio	Lower	Upper
180	100		
182	97.5	63.0	123.0
145	30.4	3.0	63.0

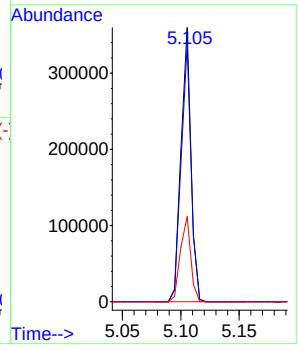


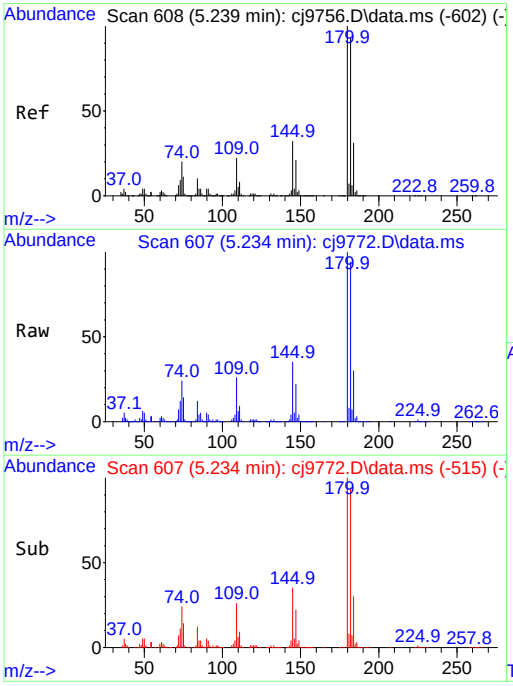


#36
1,2,4-Trichlorobenzene
Concen: 52.23 ppm
RT: 5.105 min Scan# 583
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:180 Resp: 214245

Ion	Ratio	Lower	Upper
180	100		
182	94.0	66.0	126.0
145	31.1	2.4	62.4

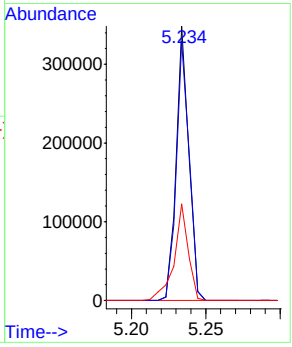


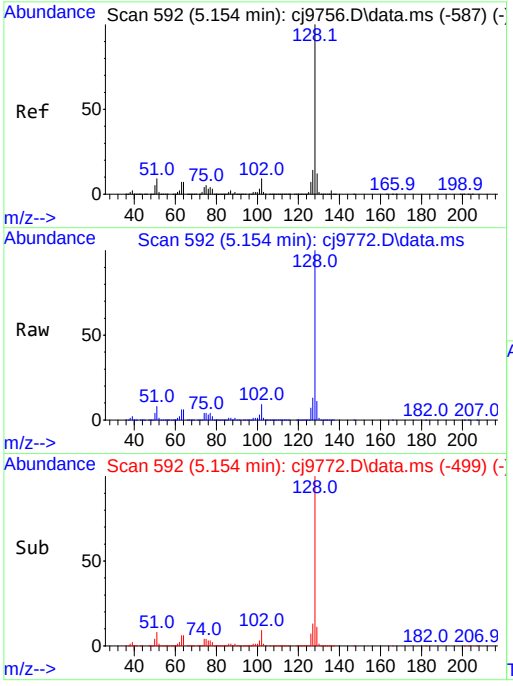


#37
1,2,3-Trichlorobenzene
Concen: 50.53 ppm
RT: 5.234 min Scan# 607
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:180 Resp: 206546

Ion	Ratio	Lower	Upper
180	100		
182	94.4	62.6	122.6
145	35.0	2.2	62.2

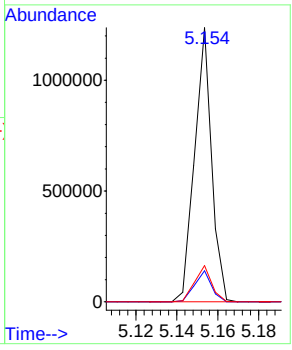


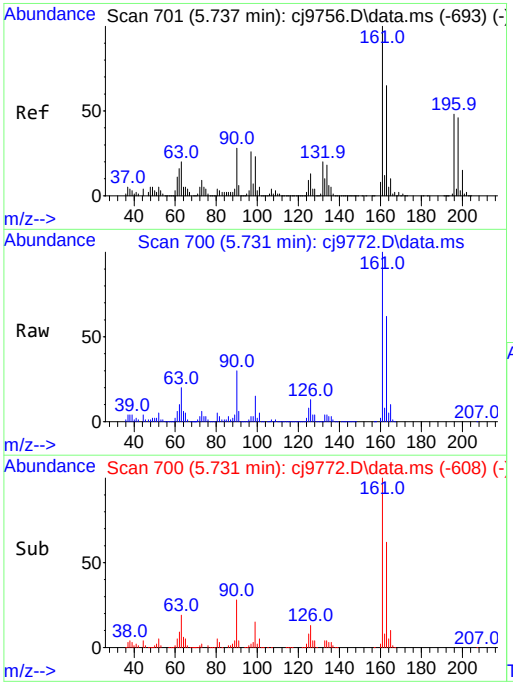


#38
Naphthalene
Concen: 51.13 ppm
RT: 5.154 min Scan# 592
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:128 Resp: 717820

Ion	Ratio	Lower	Upper
128	100		
129	11.3	0.0	41.0
127	13.2	0.0	42.0

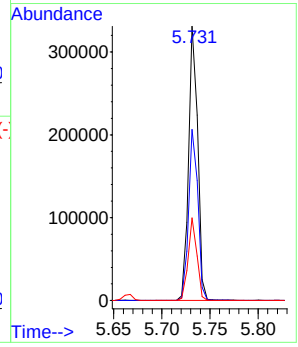


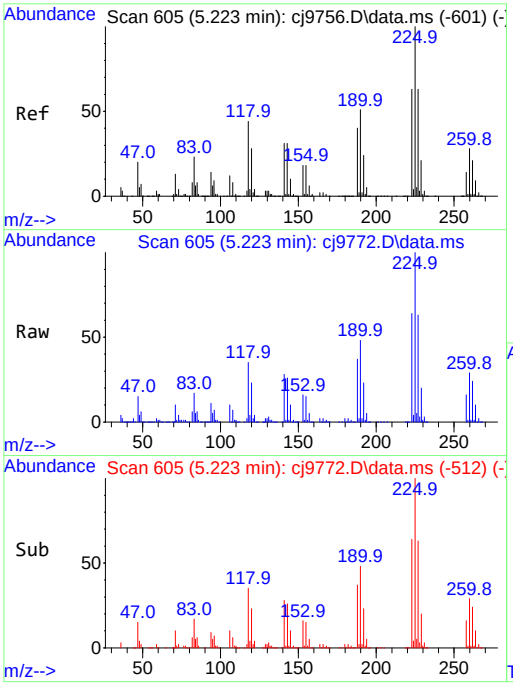


#40
2,3-Dichloroaniline
Concen: 49.67 ppm
RT: 5.731 min Scan# 700
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:161 Resp: 219697

Ion	Ratio	Lower	Upper
161	100		
163	62.3	34.9	94.9
90	30.0	0.0	57.9

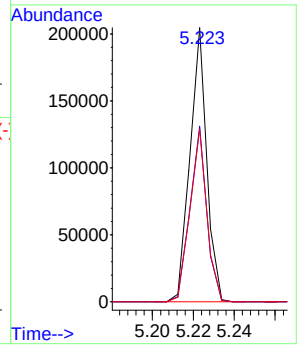


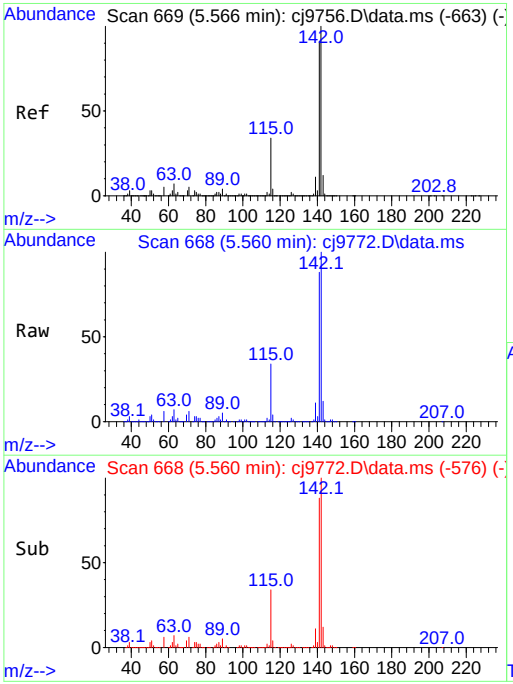


#42
Hexachlorobutadiene
Concen: 51.80 ppm
RT: 5.223 min Scan# 605
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:225 Resp: 116989

Ion	Ratio	Lower	Upper
225	100		
223	64.0	33.2	93.2
227	62.9	33.2	93.2

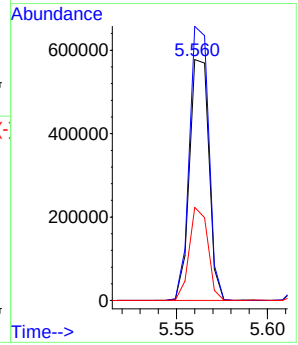


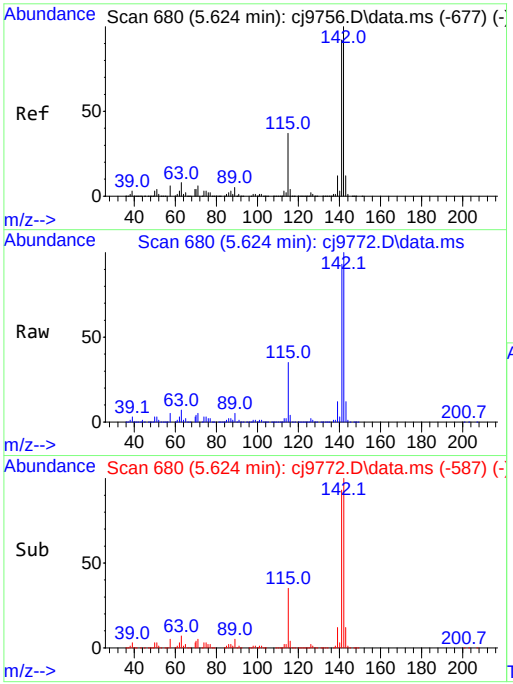


#44
2-Methylnaphthalene
Concen: 52.17 ppm
RT: 5.560 min Scan# 668
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:141 Resp: 428576

Ion	Ratio	Lower	Upper
141	100		
142	113.9	80.2	140.2
115	38.7	7.4	67.4

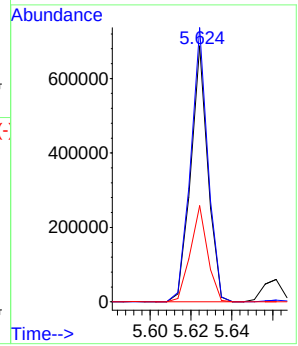


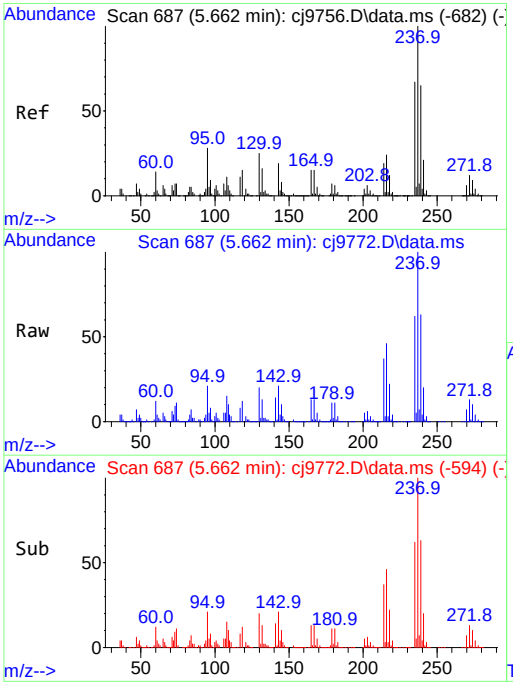


#45
1-Methylnaphthalene
Concen: 51.29 ppm
RT: 5.624 min Scan# 680
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:141 Resp: 402865

Ion	Ratio	Lower	Upper
141	100		
142	107.2	79.3	139.3
115	37.5	10.2	70.2

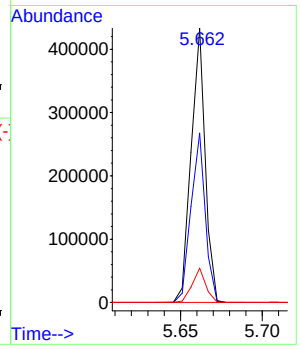


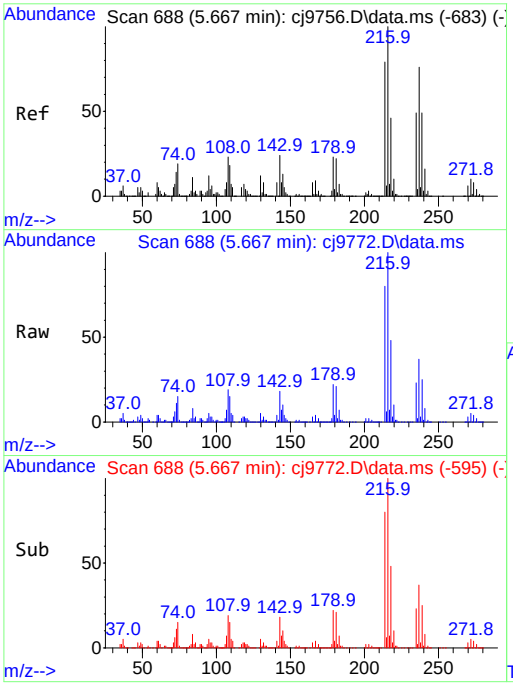


#47
Hexachlorocyclopentadiene
Concen: 122.30 ppm
RT: 5.662 min Scan# 687
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:237 Resp: 260479

Ion	Ratio	Lower	Upper
237	100		
235	61.7	37.2	97.2
272	12.6	0.0	41.7

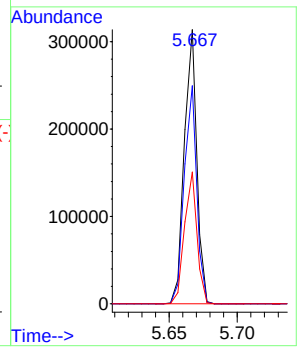


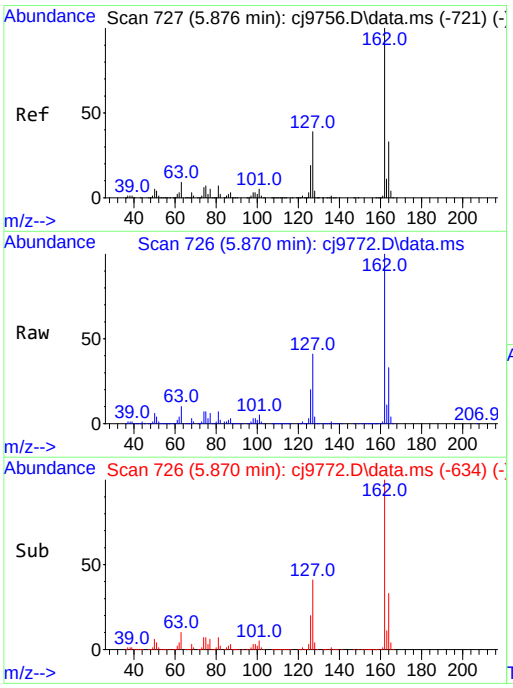


#48
1,2,4,5-tetrachlorobenzene
Concen: 53.27 ppm
RT: 5.667 min Scan# 688
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:216 Resp: 200134

Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.8	94.2
218	48.0	37.3	55.9

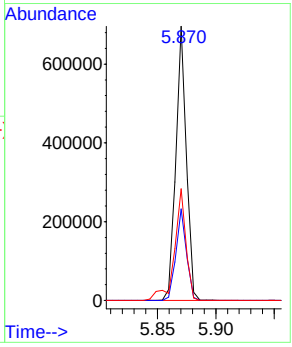


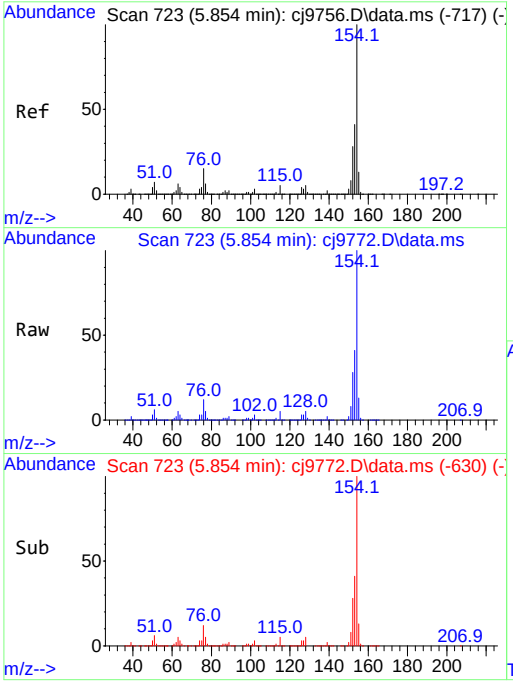


#52
2-Chloronaphthalene
Concen: 53.00 ppm
RT: 5.870 min Scan# 726
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:162 Resp: 435126

Ion	Ratio	Lower	Upper
162	100		
164	33.3	3.5	63.5
127	40.4	9.4	69.4

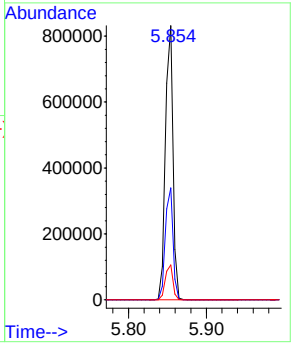


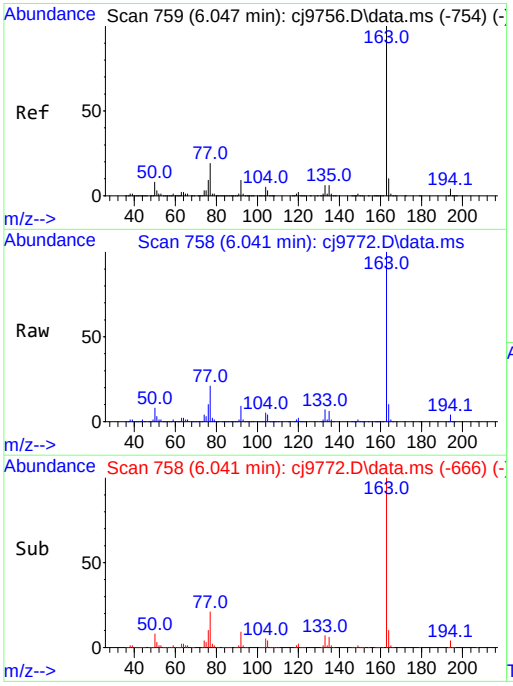


#53
Biphenyl
Concen: 52.32 ppm
RT: 5.854 min Scan# 723
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:154 Resp: 563420

Ion	Ratio	Lower	Upper
154	100		
153	40.8	11.4	71.4
155	12.7	0.0	43.2

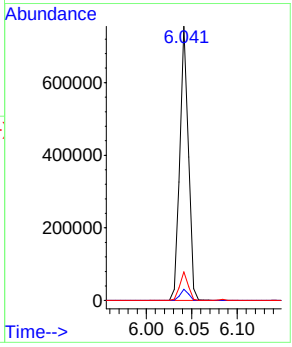


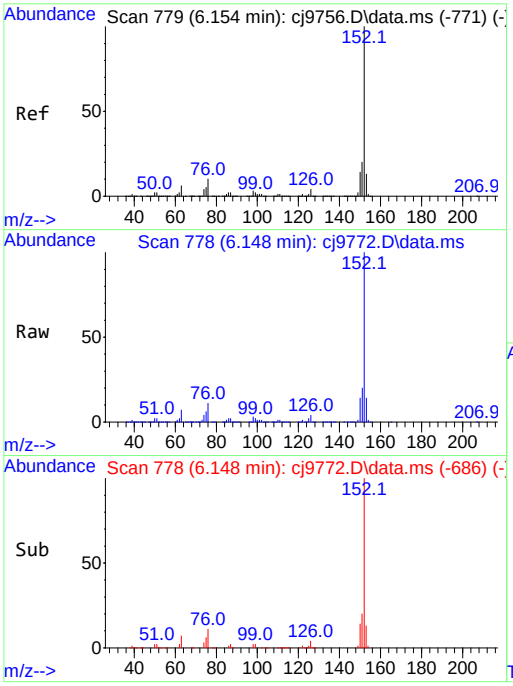


#55
Dimethylphthalate
Concen: 51.66 ppm
RT: 6.041 min Scan# 758
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:163 Resp: 496119

Ion	Ratio	Lower	Upper
163	100		
194	4.1	0.0	34.1
164	10.4	0.0	40.2

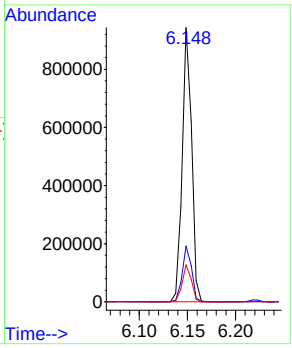


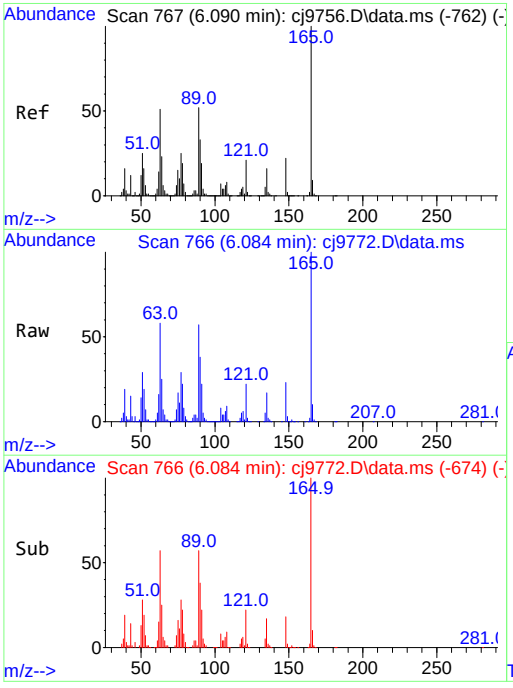


#56
Acenaphthylene
Concen: 54.01 ppm
RT: 6.148 min Scan# 778
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:152 Resp: 642264

Ion	Ratio	Lower	Upper
152	100		
151	20.3	0.0	50.2
153	13.5	0.0	43.2

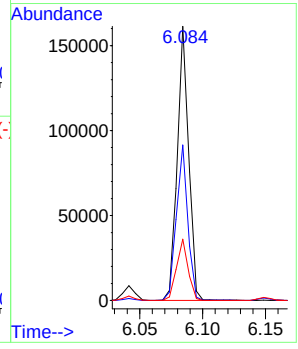


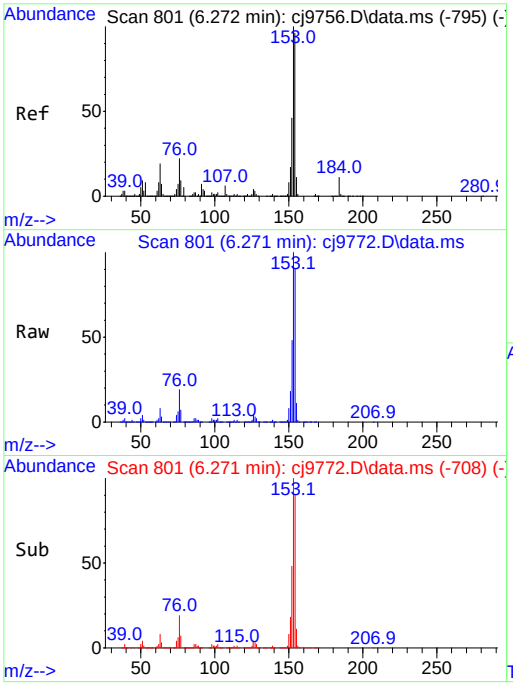


#57
2,6-Dinitrotoluene
Concen: 54.11 ppm
RT: 6.084 min Scan# 766
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:165 Resp: 101461

Ion	Ratio	Lower	Upper
165	100		
89	56.7	21.5	81.5
121	22.4	0.0	50.9

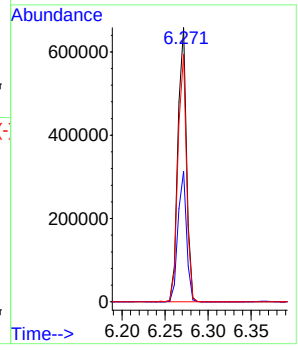


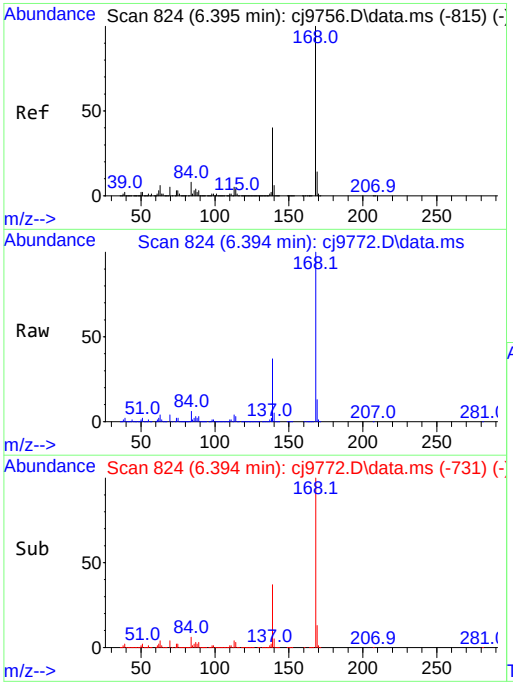


#59
Acenaphthene
Concen: 52.93 ppm
RT: 6.271 min Scan# 801
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:153 Resp: 456267

Ion	Ratio	Lower	Upper
153	100		
152	47.5	16.3	76.3
154	90.2	65.5	125.5

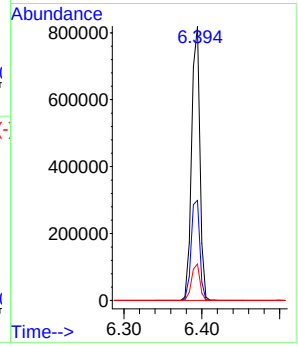


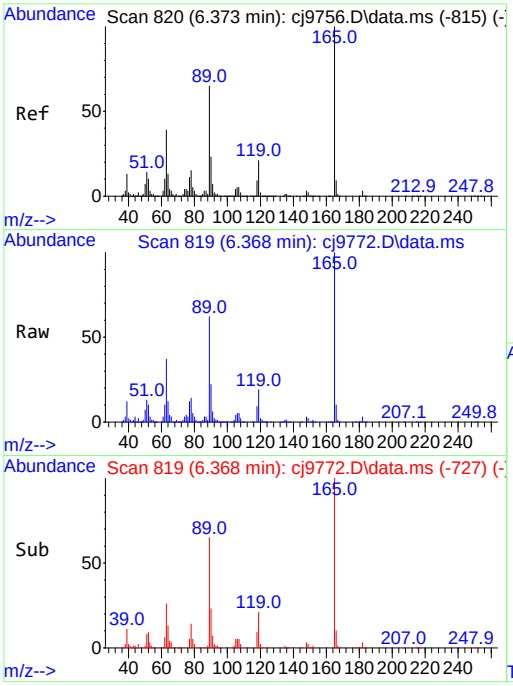


#62
Dibenzofuran
Concen: 52.33 ppm
RT: 6.394 min Scan# 824
Delta R.T. -0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:168 Resp: 605765

Ion	Ratio	Lower	Upper
168	100		
139	36.6	10.5	70.5
169	13.3	0.0	43.5

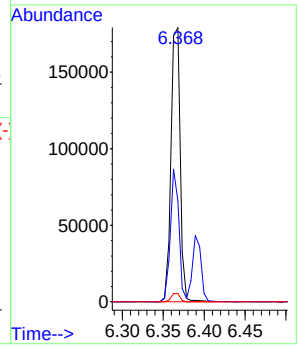


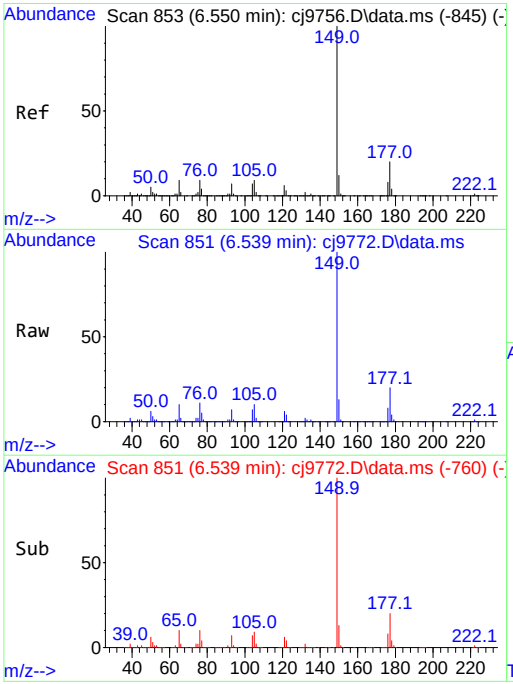


#63
2,4-Dinitrotoluene
Concen: 53.45 ppm
RT: 6.368 min Scan# 819
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:165 Resp: 139307

Ion	Ratio	Lower	Upper
165	100		
63	36.8	9.3	69.3
182	3.0	0.0	33.1

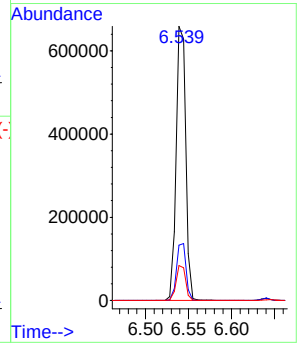


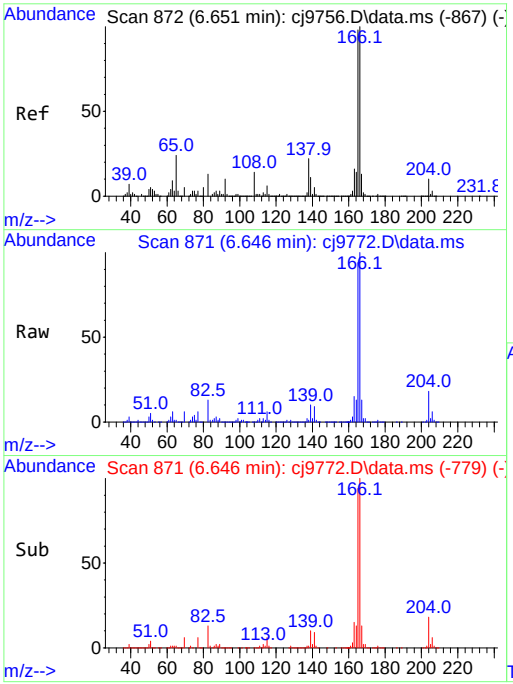


#65
Diethylphthalate
Concen: 51.08 ppm
RT: 6.539 min Scan# 851
Delta R.T. -0.011 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:149 Resp: 508578

Ion	Ratio	Lower	Upper
149	100		
177	20.2	0.0	50.1
150	12.7	0.0	42.3

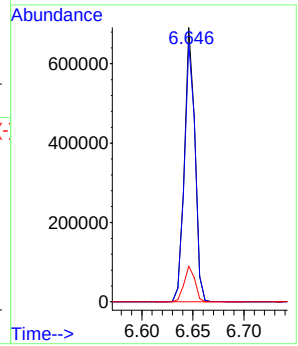


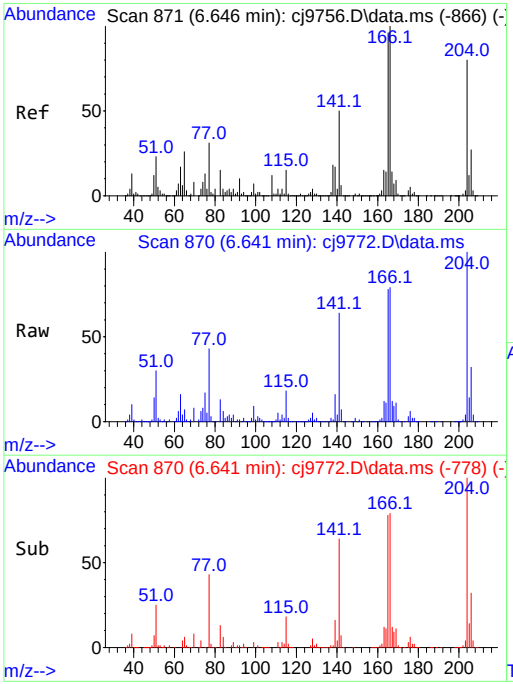


#66
Fluorene
Concen: 53.28 ppm
RT: 6.646 min Scan# 871
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:166 Resp: 492881

Ion	Ratio	Lower	Upper
166	100		
165	94.1	68.3	128.3
167	13.1	0.0	43.4

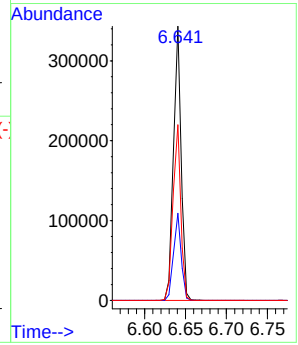


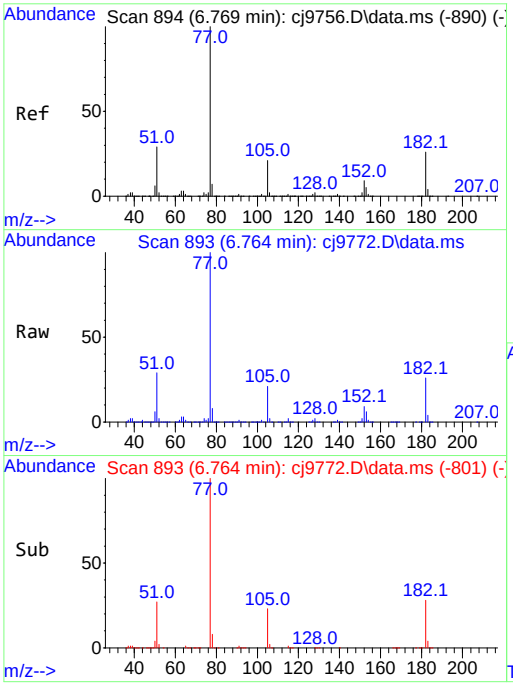


#67
4-Chlorophenyl-phenylether
Concen: 54.04 ppm
RT: 6.641 min Scan# 870
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:204 Resp: 224236

Ion	Ratio	Lower	Upper
204	100		
206	31.7	4.0	64.0
141	64.0	33.0	93.0

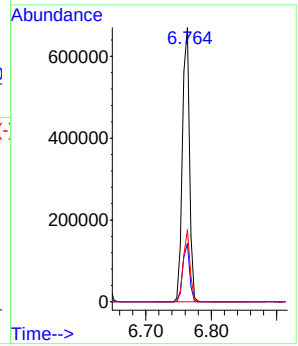


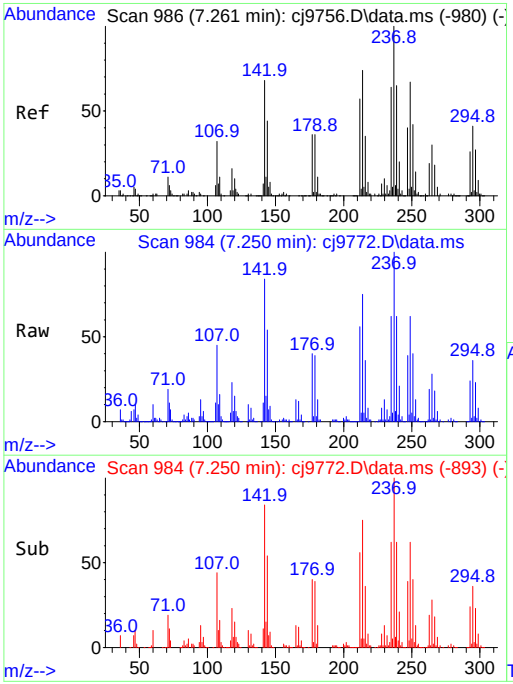


#72
1,2-Diphenylhydrazine
Concen: 50.62 ppm
RT: 6.764 min Scan# 893
Delta R.T. -0.005 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion: 77 Resp: 499892

Ion	Ratio	Lower	Upper
77	100		
105	21.3	0.0	51.2
182	26.2	0.0	55.7

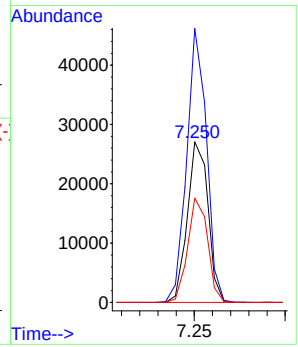


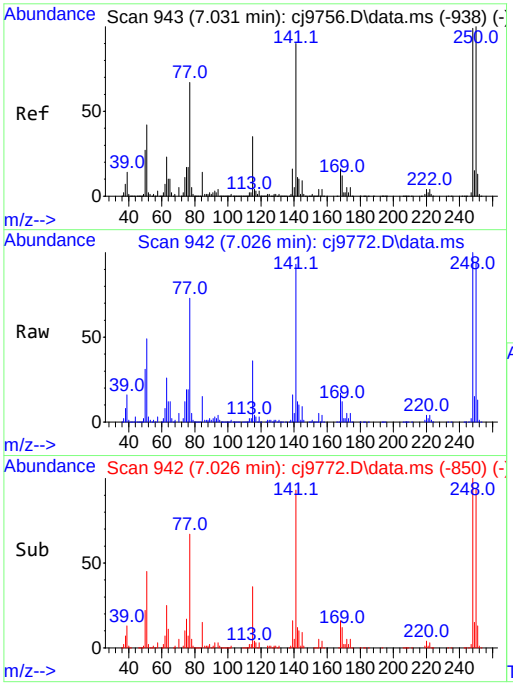


#73
pentachloronitrobenzene
Concen: 52.75 ppm
RT: 7.250 min Scan# 984
Delta R.T. -0.011 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:295 Resp: 21234

Ion	Ratio	Lower	Upper
295	100		
249	164.2	132.3	198.5
297	62.9	50.6	75.8

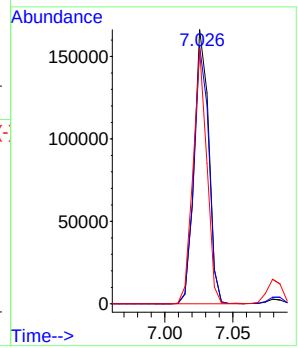


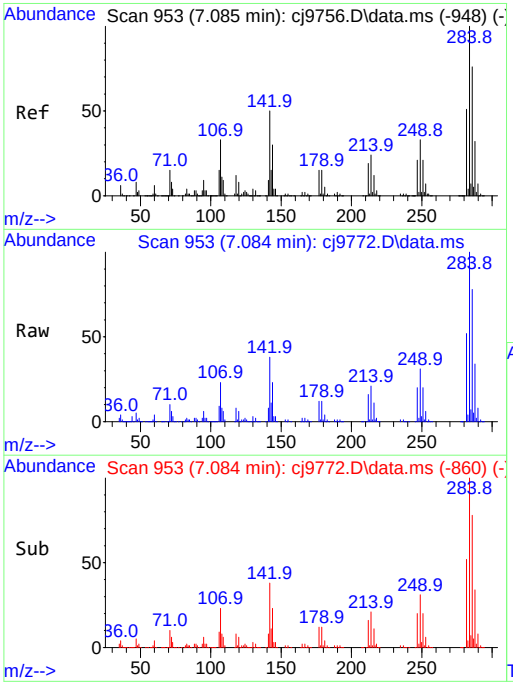


#75
4-Bromophenyl-phenylether
Concen: 52.17 ppm
RT: 7.026 min Scan# 942
Delta R.T. -0.005 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:248 Resp: 123141

Ion	Ratio	Lower	Upper
248	100		
250	93.8	71.3	131.3
141	93.0	61.3	121.3

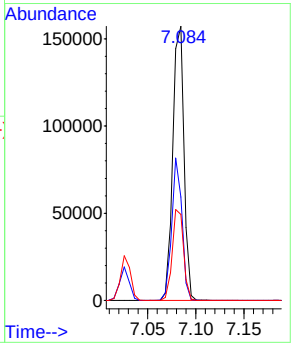


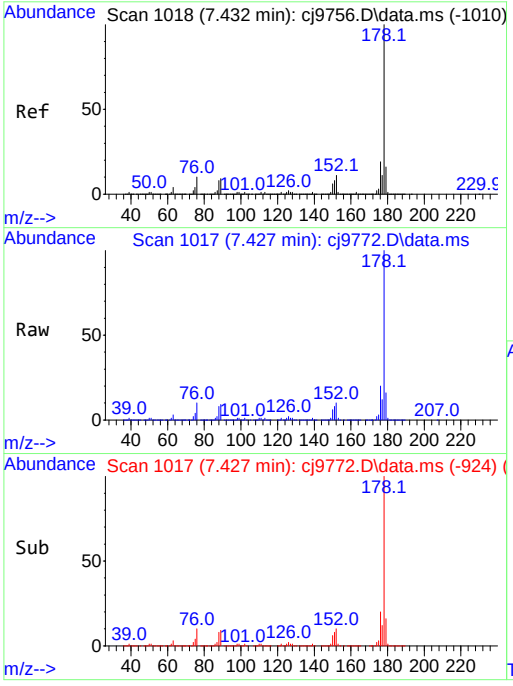


#76
Hexachlorobenzene
Concen: 50.34 ppm
RT: 7.084 min Scan# 953
Delta R.T. -0.001 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:284 Resp: 126957

Ion	Ratio	Lower	Upper
284	100		
142	37.7	20.3	80.3
249	31.4	3.5	63.5

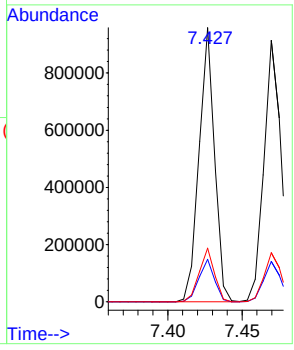


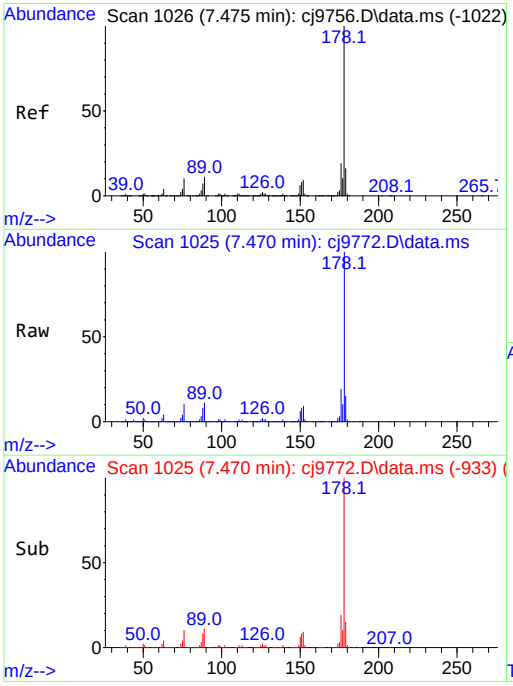


#78
Phenanthrene
Concen: 49.68 ppm
RT: 7.427 min Scan# 1017
Delta R.T. -0.005 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:178 Resp: 697410

Ion	Ratio	Lower	Upper
178	100		
179	15.5	0.0	45.6
176	19.5	0.0	49.4

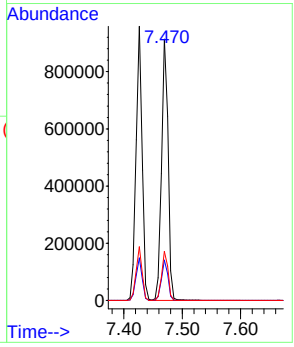


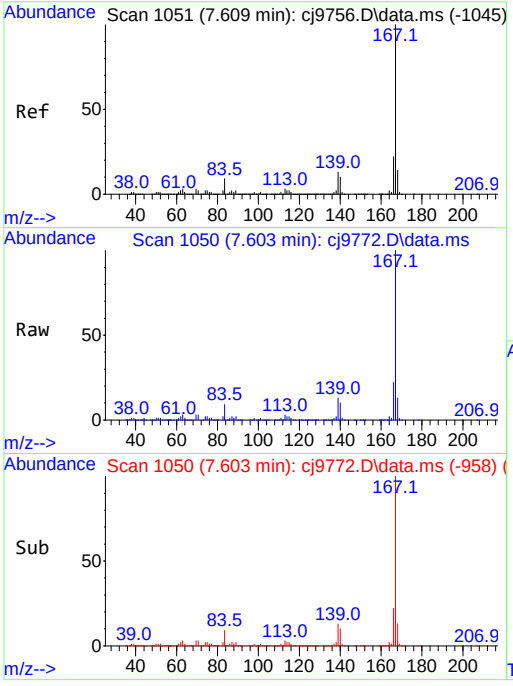


#79
Anthracene
Concen: 50.82 ppm
RT: 7.470 min Scan# 1025
Delta R.T. -0.005 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:178 Resp: 711894

Ion	Ratio	Lower	Upper
178	100		
179	15.4	0.0	45.9
176	18.8	0.0	48.6

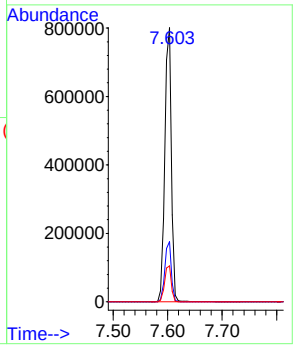


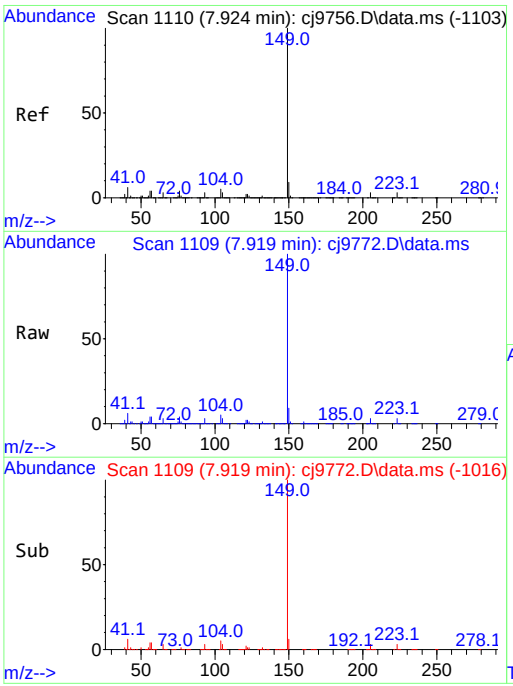


#80
Carbazole
Concen: 49.02 ppm
RT: 7.603 min Scan# 1050
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:167 Resp: 667851

Ion	Ratio	Lower	Upper
167	100		
166	21.9	0.0	51.6
139	13.1	0.0	43.1

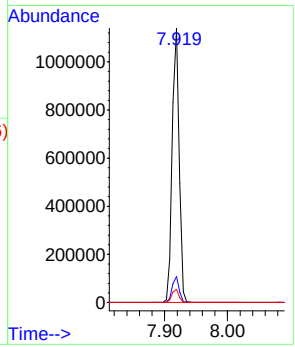


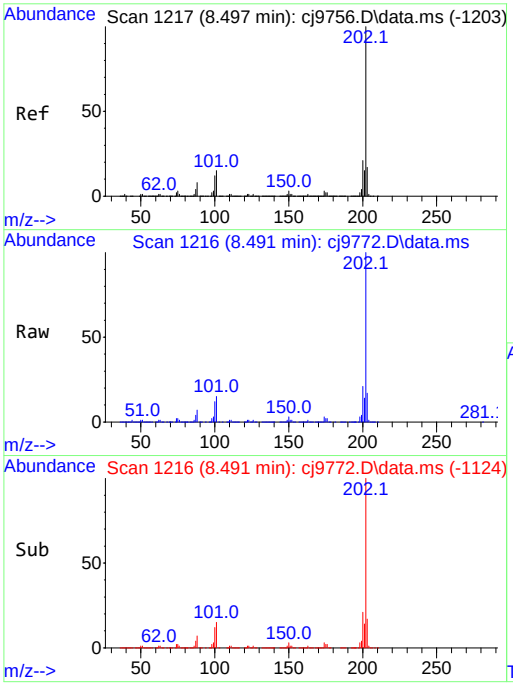


#81
Di-n-butylphthalate
Concen: 51.43 ppm
RT: 7.919 min Scan# 1109
Delta R.T. -0.005 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:149 Resp: 871156

Ion	Ratio	Lower	Upper
149	100		
150	9.4	0.0	39.2
104	4.8	0.0	34.6

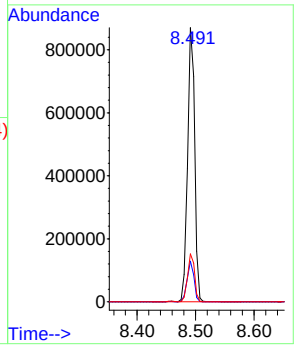


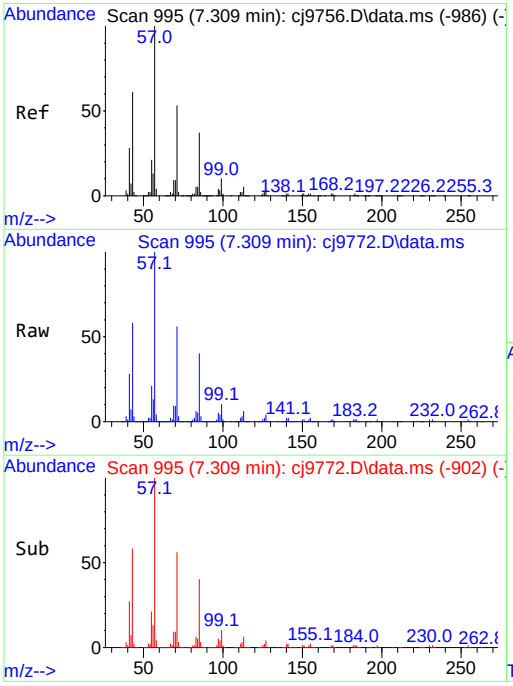


#82
Fluoranthene
Concen: 50.66 ppm
RT: 8.491 min Scan# 1216
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:202 Resp: 735560

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	45.3
203	17.5	0.0	47.3

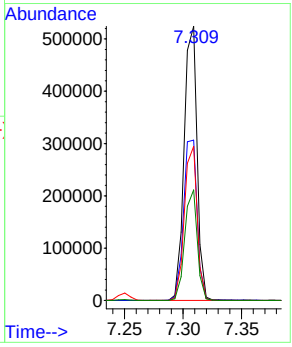


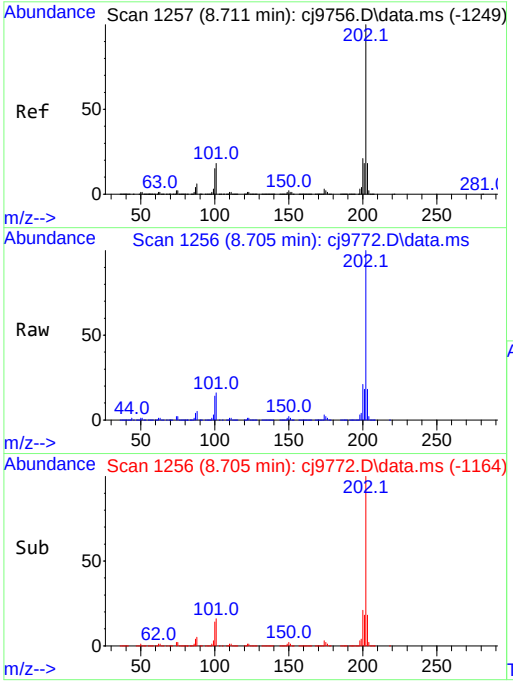


#83
Octadecane
Concen: 51.51 ppm
RT: 7.309 min Scan# 995
Delta R.T. 0.000 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion: 57 Resp: 404053

Ion	Ratio	Lower	Upper
57	100		
43	58.4	31.1	91.1
71	56.2	23.7	83.7
85	40.3	6.8	66.8

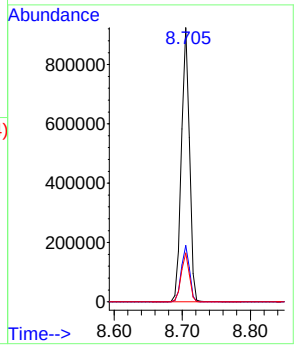


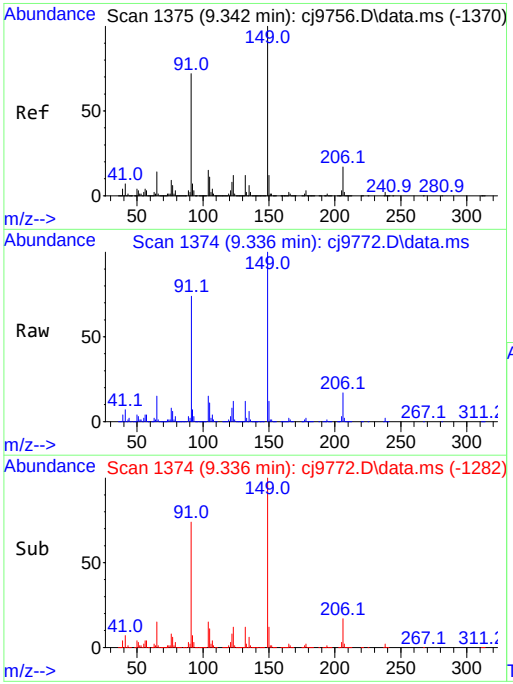


#86
Pyrene
Concen: 53.08 ppm
RT: 8.705 min Scan# 1256
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:202 Resp: 758197

Ion	Ratio	Lower	Upper
202	100		
200	20.6	0.0	51.1
203	17.8	0.0	47.7

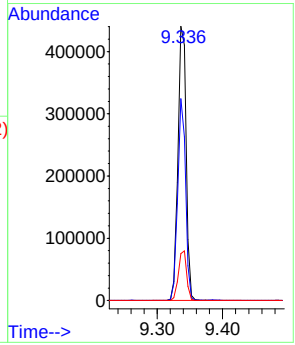


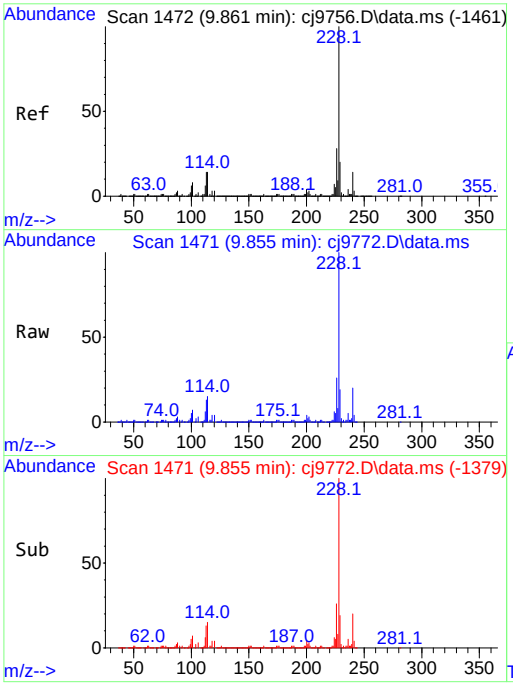


#88
Butylbenzylphthalate
Concen: 57.12 ppm
RT: 9.336 min Scan# 1374
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:149 Resp: 380055

Ion	Ratio	Lower	Upper
149	100		
91	73.5	41.7	101.7
206	17.1	0.0	47.1

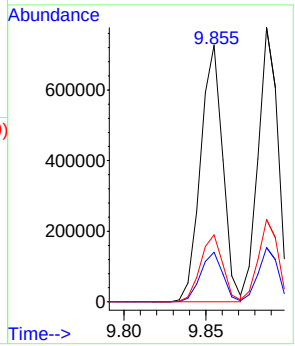


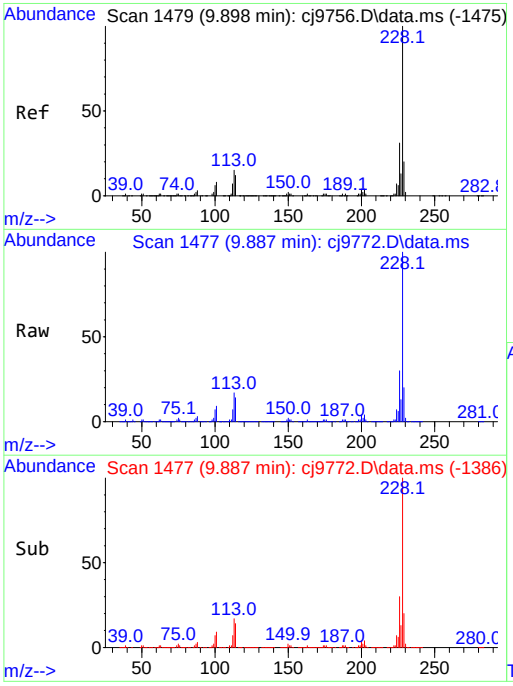


#89
Benzo[a]anthracene
Concen: 52.13 ppm
RT: 9.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:228 Resp: 683027

Ion	Ratio	Lower	Upper
228	100		
229	19.3	0.0	50.0
226	26.0	0.0	57.8

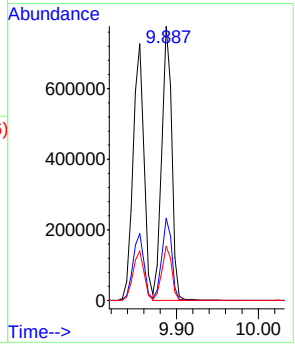


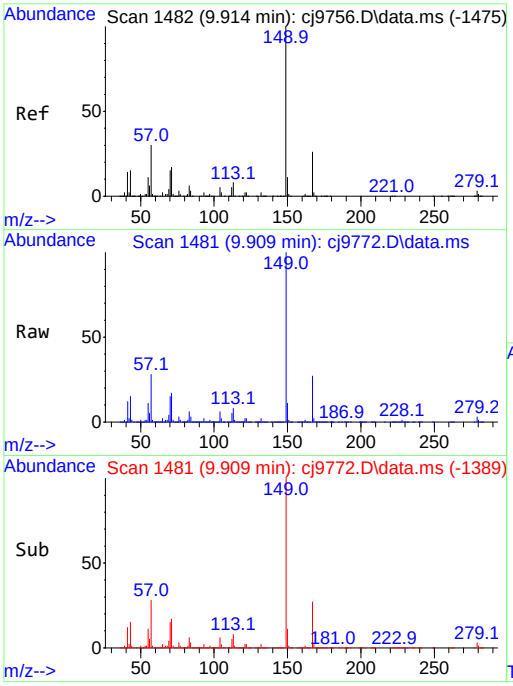


#91
Chrysene
Concen: 53.33 ppm
RT: 9.887 min Scan# 1477
Delta R.T. -0.011 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:228 Resp: 654468

Ion	Ratio	Lower	Upper
228	100		
226	30.0	0.6	60.6
229	19.8	0.0	49.9

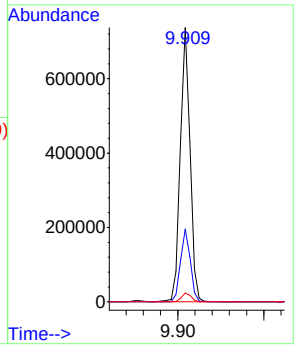


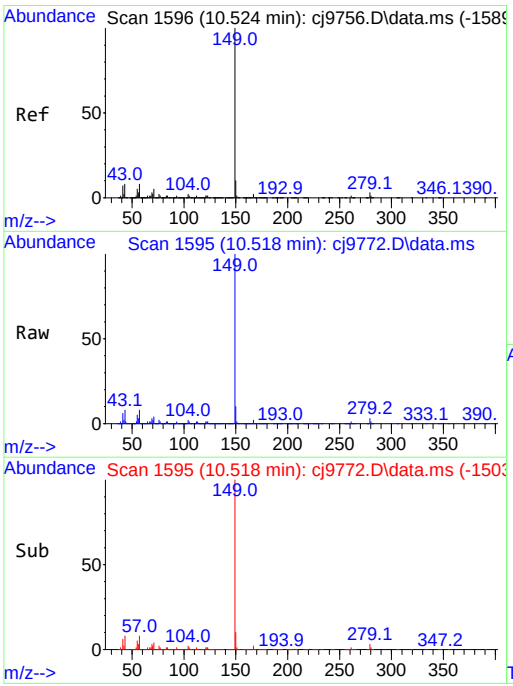


#92
bis(2-Ethylhexyl)phthalate
Concen: 57.92 ppm
RT: 9.909 min Scan# 1481
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:149 Resp: 578158

Ion	Ratio	Lower	Upper
149	100		
167	26.5	0.0	56.1
279	3.2	0.0	33.1

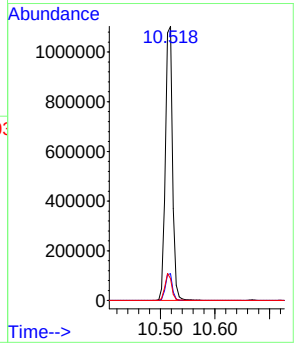


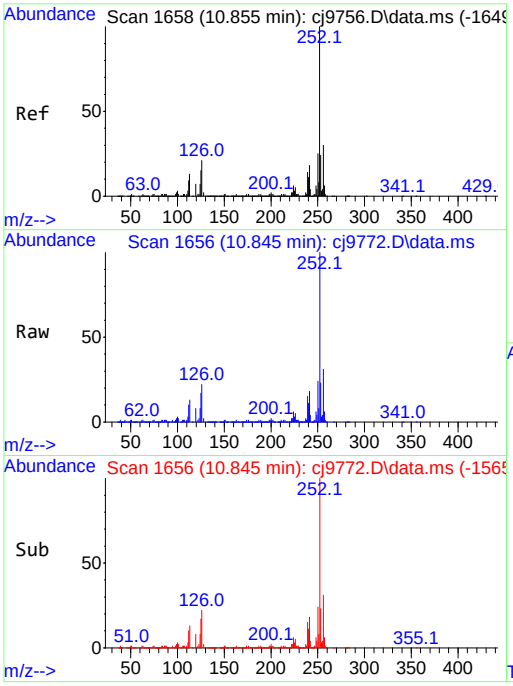


#94
Di-n-octylphthalate
Concen: 57.51 ppm
RT: 10.518 min Scan# 1595
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:149 Resp: 995963

Ion	Ratio	Lower	Upper
149	100		
150	9.7	0.0	39.6
43	7.9	0.0	38.2

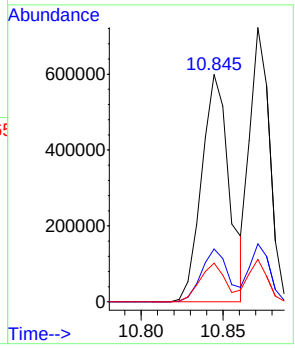


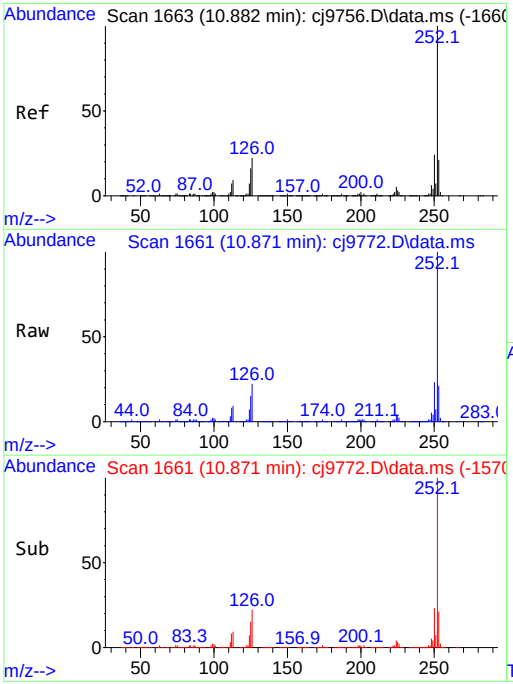


#95
Benzo[b]fluoranthene
Concen: 54.62 ppm
RT: 10.845 min Scan# 1656
Delta R.T. -0.011 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:252 Resp: 702957

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	54.1
125	16.8	0.0	45.5

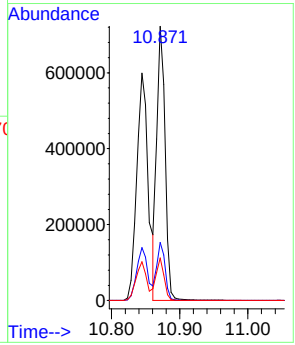


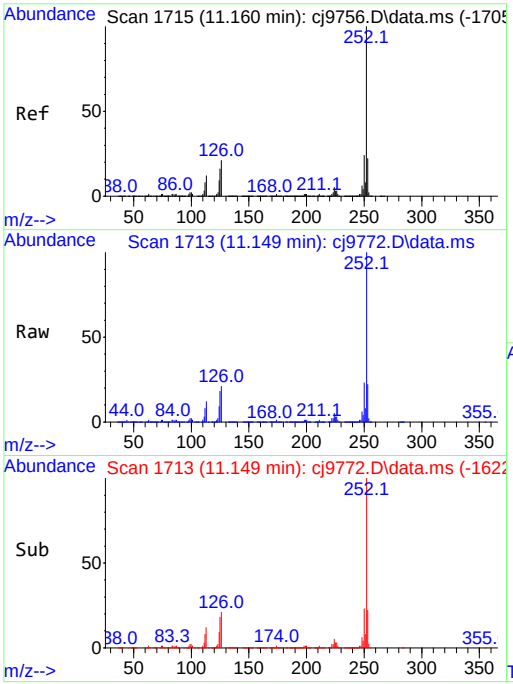


#96
Benzo[k]fluoranthene
Concen: 53.69 ppm
RT: 10.871 min Scan# 1661
Delta R.T. -0.011 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:252 Resp: 618054

Ion	Ratio	Lower	Upper
252	100		
253	21.1	0.0	51.4
125	15.1	0.0	45.5

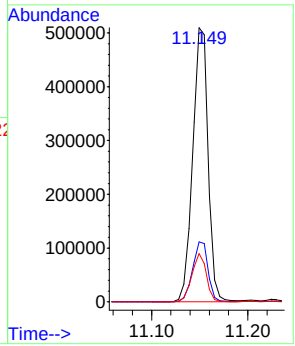


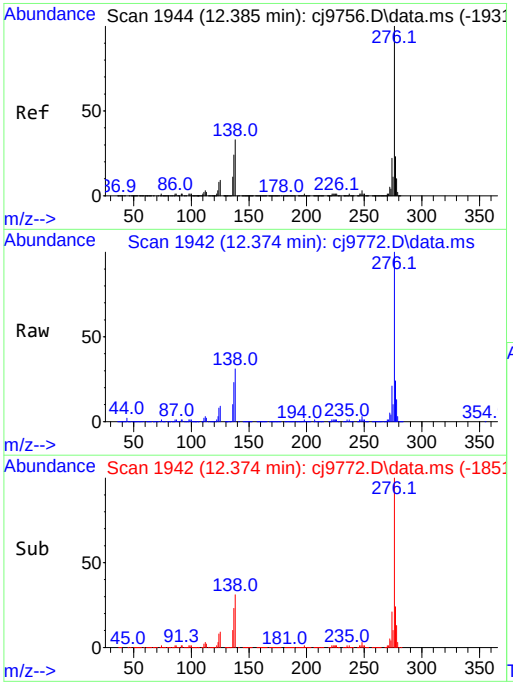


#97
Benzo[a]pyrene
Concen: 53.87 ppm
RT: 11.149 min Scan# 1713
Delta R.T. -0.011 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:252 Resp: 568815

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	51.6
125	17.6	0.0	46.4

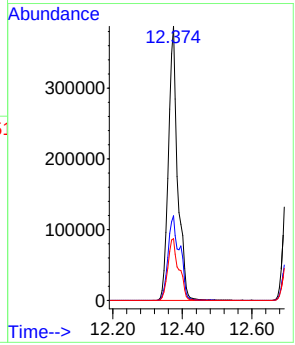


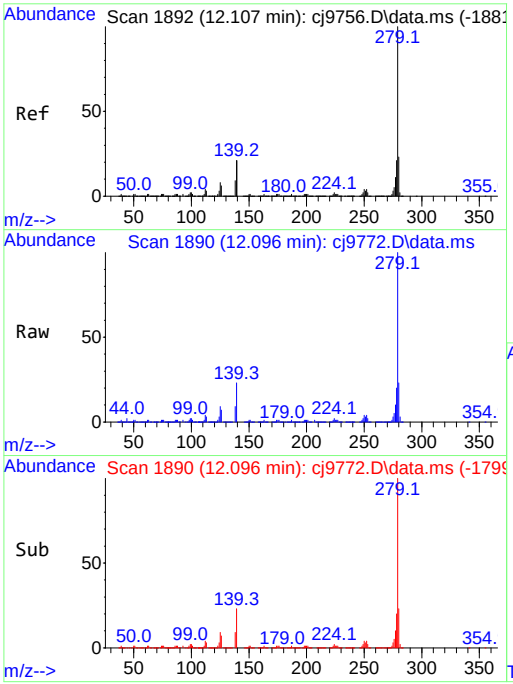


#98
Indeno[1,2,3-cd]pyrene
Concen: 53.81 ppm
RT: 12.374 min Scan# 1942
Delta R.T. -0.011 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:276 Resp: 711636

Ion	Ratio	Lower	Upper
276	100		
138	30.9	2.8	62.8
137	22.5	0.0	54.0

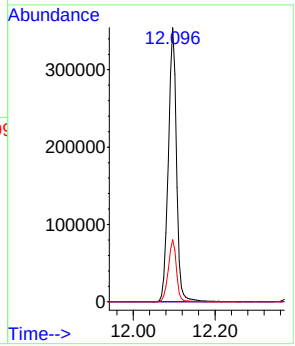


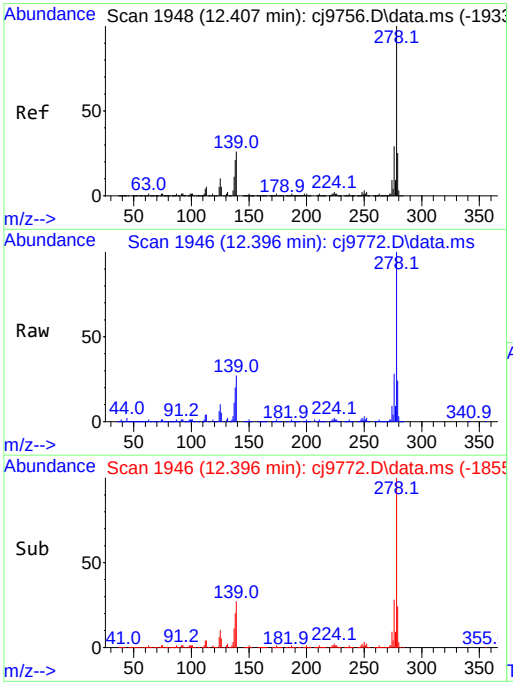


#99
Dibenz(a,h)acridine
Concen: 54.80 ppm
RT: 12.096 min Scan# 1890
Delta R.T. -0.011 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:279 Resp: 488057

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.6	0.0	52.6

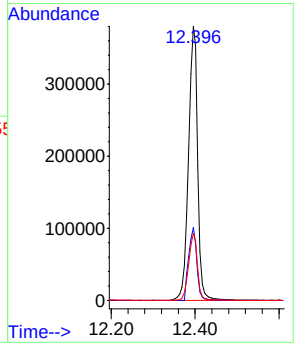


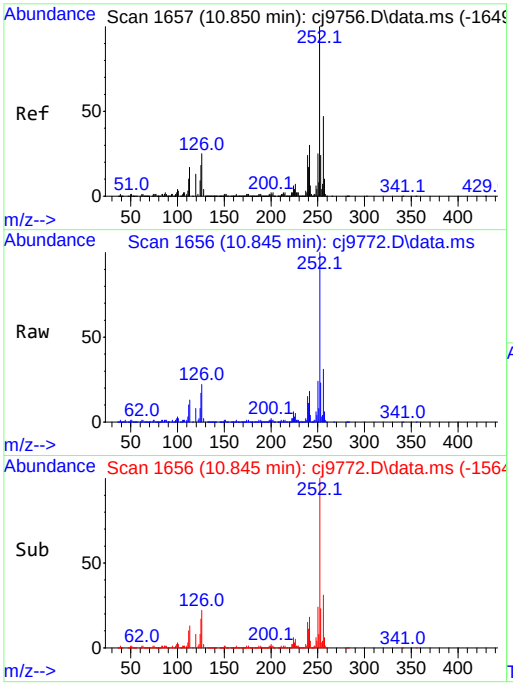


#100
Dibenz[a,h]anthracene
Concen: 54.30 ppm
RT: 12.396 min Scan# 1946
Delta R.T. -0.011 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:278 Resp: 572122

Ion	Ratio	Lower	Upper
278	100		
139	26.6	0.0	56.3
279	24.4	0.0	54.6

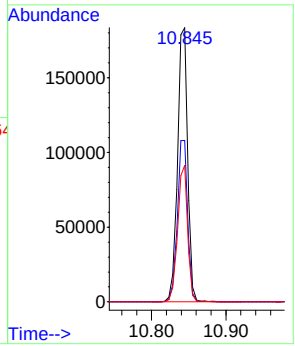


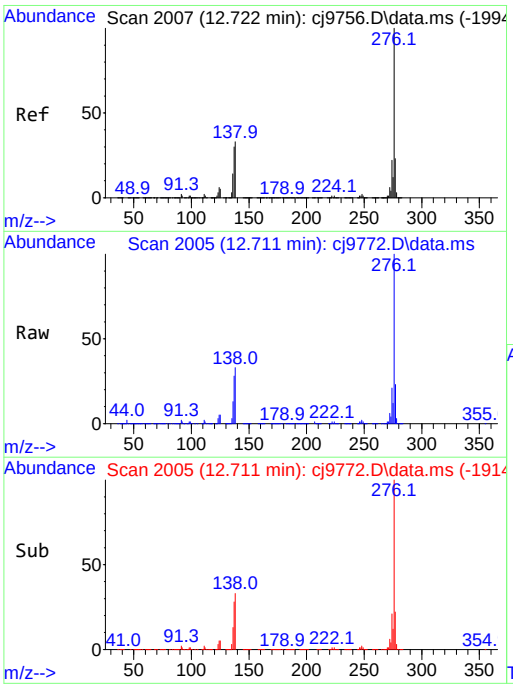


#101
7,12-Dimethylbenz(a)anthracene
Concen: 39.99 ppm
RT: 10.845 min Scan# 1656
Delta R.T. -0.006 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:256 Resp: 173432

Ion	Ratio	Lower	Upper
256	100		
241	58.9	32.7	92.7
239	49.7	20.3	80.3

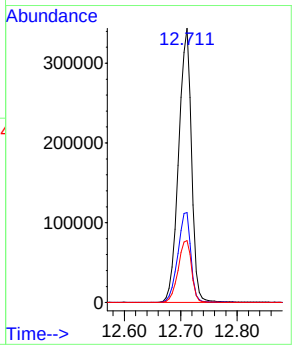




#102
Benzo[g,h,i]perylene
Concen: 53.18 ppm
RT: 12.711 min Scan# 2005
Delta R.T. -0.011 min
Lab File: cj9772.D
Acq: 17 Dec 2024 09:42 pm

Tgt Ion:276 Resp: 544754

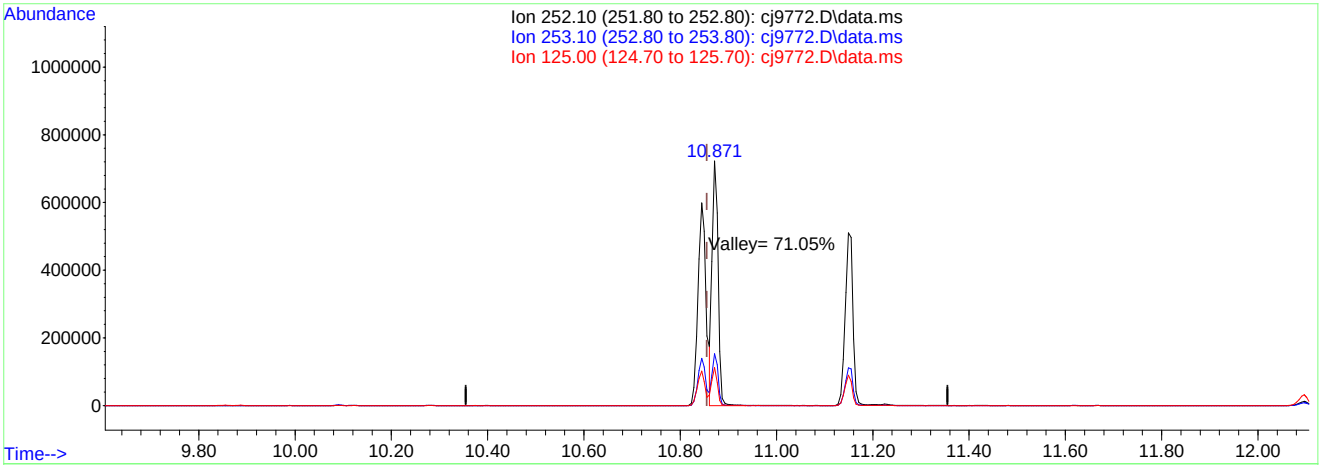
Ion	Ratio	Lower	Upper
276	100		
138	32.7	3.3	63.3
277	22.5	0.0	53.4

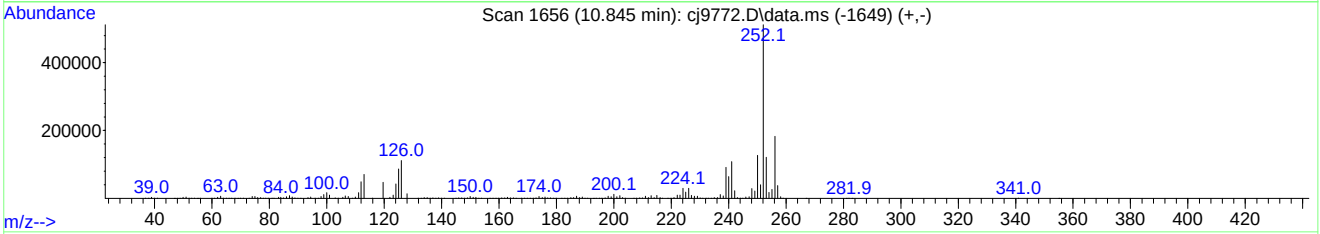


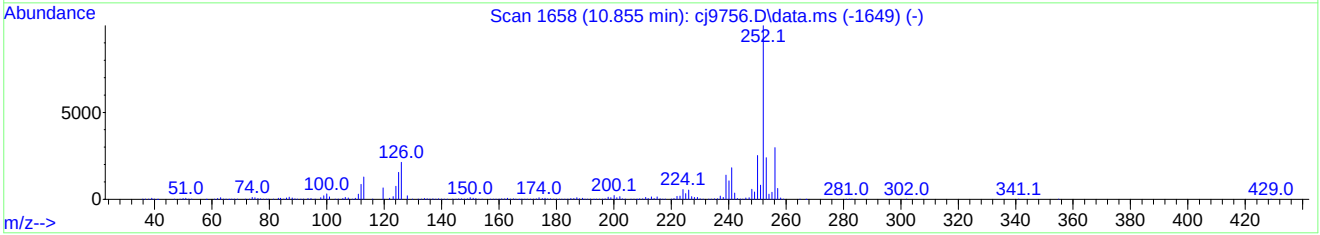
Quantitation Report (Qedit)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9772.D
Acq On : 17 Dec 2024 09:42 pm
Operator : rocquans
Sample : icv420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 20 09:45:06 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:44:27 2024
Response via : Initial Calibration







TIC: cj9772.D\data.ms

(95) Benzo[b]fluoranthene (t)

10.845min (-0.011) 54.62 ppm

response 702957

Ion	Exp%	Act%
252.10	100.00	100.00
253.10	24.10	23.52
125.00	15.50	16.81
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9773.D
Acq On : 17 Dec 2024 10:00 pm
Operator : rocquans
Sample : icv420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 20 09:49:57 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:44:27 2024
Response via : Initial Calibration

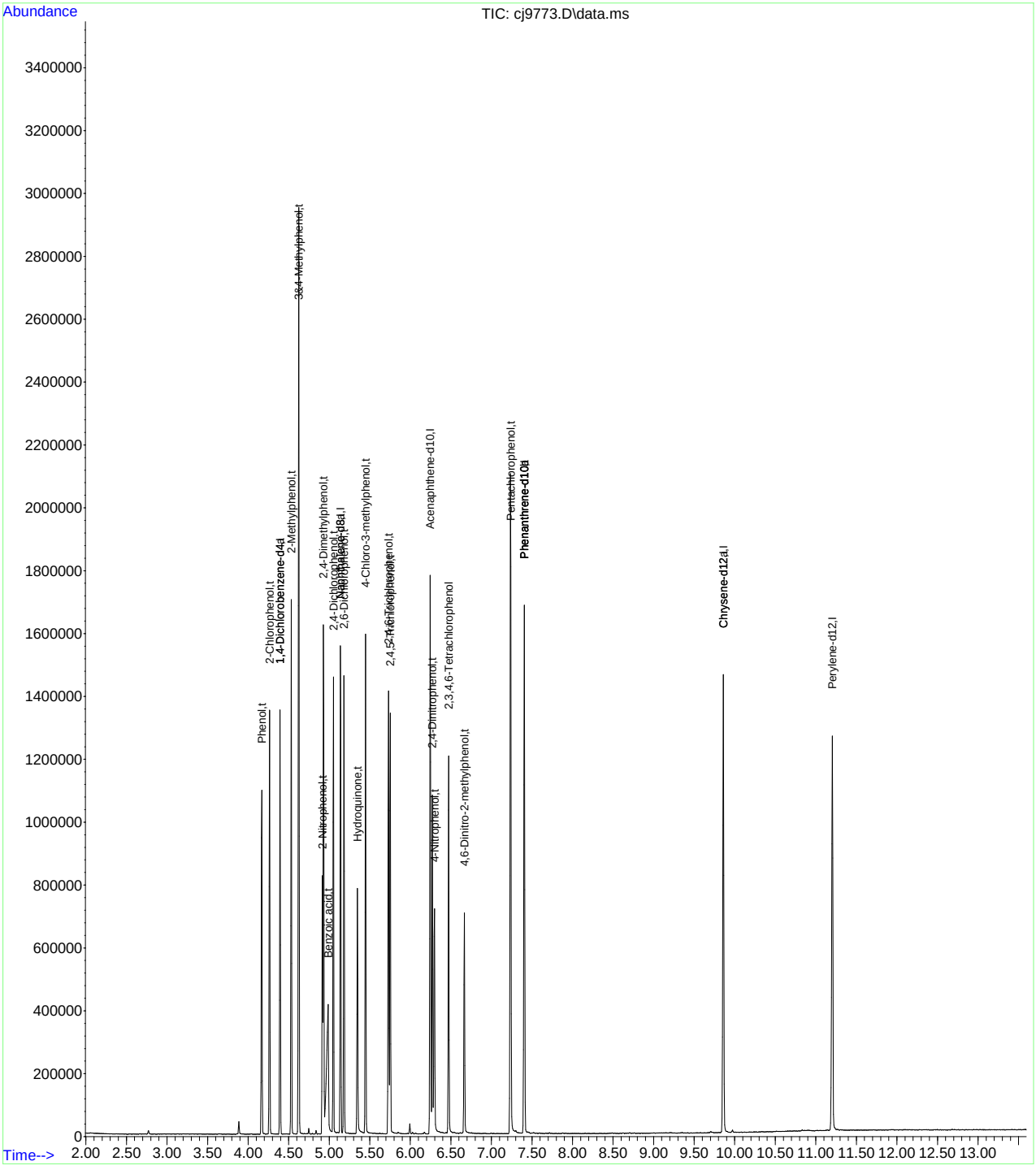
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	135794	40.00	ppm	0.00
24) Naphthalene-d8	5.137	136	524333	40.00	ppm	0.00
46) Acenaphthene-d10	6.244	164	282997	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	501926	40.00	ppm	0.00
84) Chrysene-d12	9.860	240	408683	40.00	ppm	-0.01
93) Perylene-d12	11.203	264	414170	40.00	ppm	-0.01
103) 1,4-Dichlorobenzene-d4a	4.394	152	135794	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	501926	40.00	ppm	0.00
107) Naphthalene-d8a	5.137	136	524333	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	501926	40.00	ppm	0.00
112) Chrysene-d12a	9.860	240	408683	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
9) Phenol	4.169	94	277838	48.97	ppm	96
12) 2-Chlorophenol	4.265	128	234091	49.38	ppm	96
19) 2-Methylphenol	4.533	108	206346	49.58	ppm	98
21) 3&4-Methylphenol	4.624	108	438943	100.67	ppm	100
29) 2-Nitrophenol	4.918	139	118300	51.78	ppm	88
30) 2,4-Dimethylphenol	4.929	107	234993	49.55	ppm	99
31) Benzoic acid	4.987	105	174256	53.13	ppm	91
33) 2,4-Dichlorophenol	5.052	162	192396	51.29	ppm	97
34) 2,6-Dichlorophenol	5.180	162	189856	50.74	ppm	98
41) Hydroquinone	5.346	110	227090	79.58	ppm	100
43) 4-Chloro-3-methylphenol	5.447	107	200781	51.50	ppm	94
49) 2,4,6-Trichlorophenol	5.731	196	136118	50.88	ppm	98
50) 2,4,5-Trichlorophenol	5.752	196	138216	51.82	ppm	98
60) 2,4-Dinitrophenol	6.271	184	97044	90.90	ppm #	1
61) 4-Nitrophenol	6.298	109	66607	50.26	ppm	95
64) 2,3,4,6-Tetrachlorophenol	6.474	232	107775	50.54	ppm	91
70) 4,6-Dinitro-2-methylph...	6.667	198	68774	45.64	ppm	90
77) Pentachlorophenol	7.239	266	178957	104.77	ppm	96

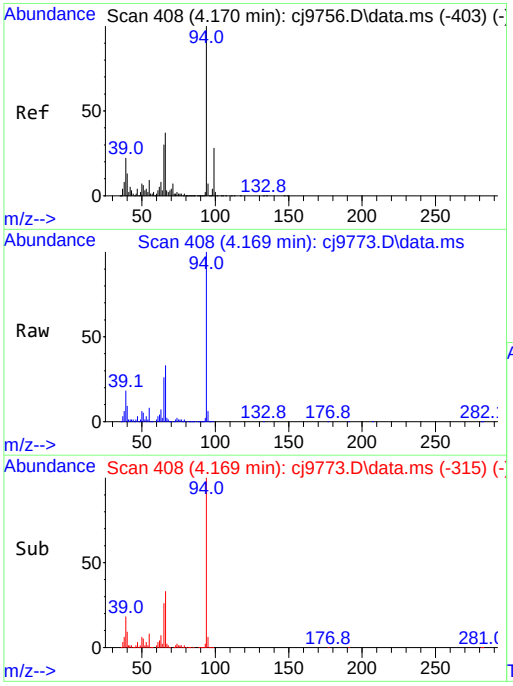
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9773.D
Acq On : 17 Dec 2024 10:00 pm
Operator : rocquans
Sample : icv420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 20 09:49:57 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:44:27 2024
Response via : Initial Calibration

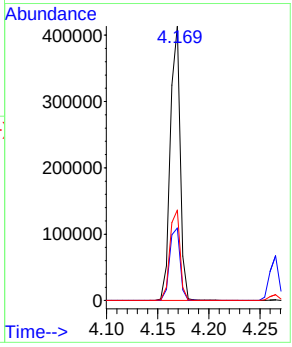


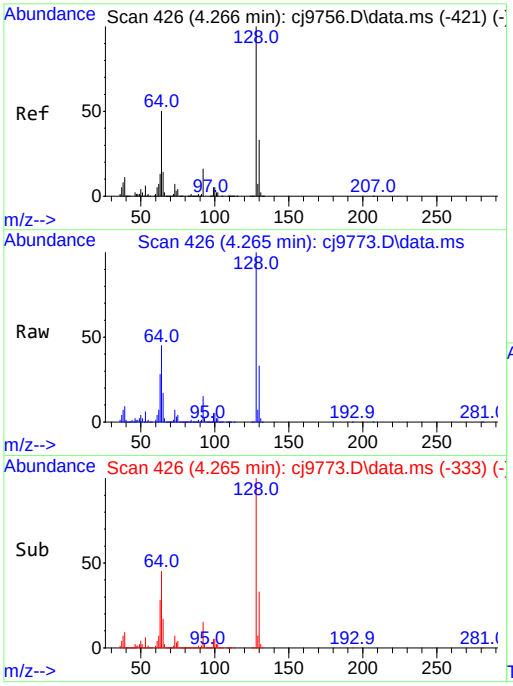


#9
Phenol
Concen: 48.97 ppm
RT: 4.169 min Scan# 408
Delta R.T. -0.001 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion: 94 Resp: 277838

Ion	Ratio	Lower	Upper
94	100		
65	26.5	0.0	55.8
66	33.0	0.0	59.9

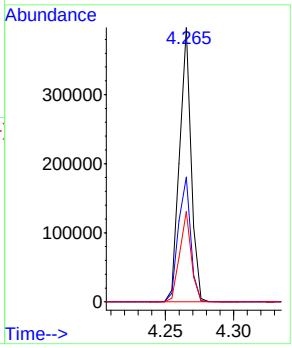


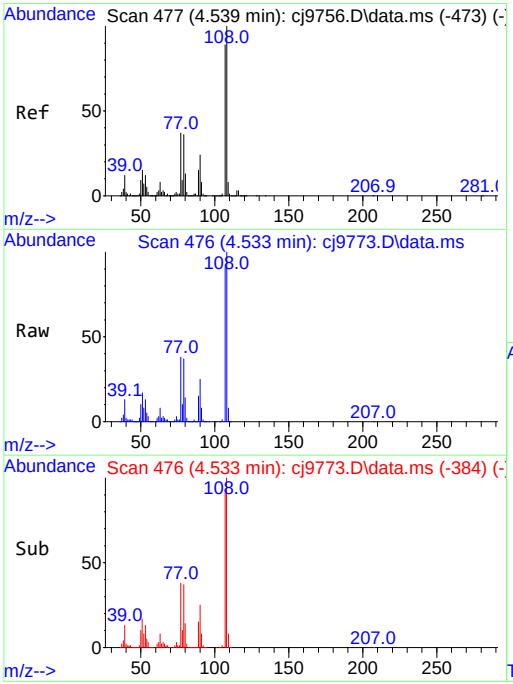


#12
2-Chlorophenol
Concen: 49.38 ppm
RT: 4.265 min Scan# 426
Delta R.T. -0.001 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:128 Resp: 234091

Ion	Ratio	Lower	Upper
128	100		
64	45.5	19.8	79.8
130	32.9	2.6	62.6

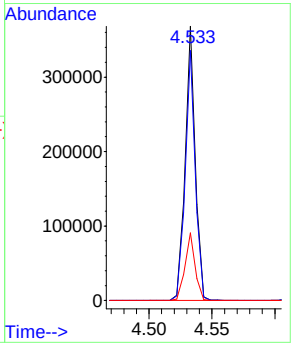


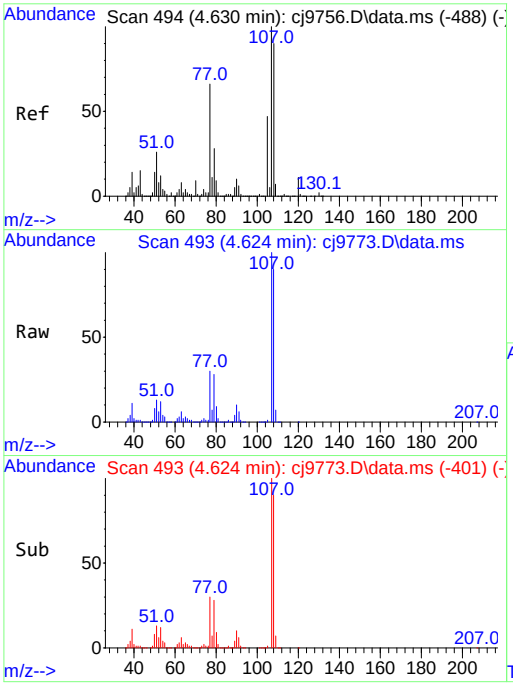


#19
2-Methylphenol
Concen: 49.58 ppm
RT: 4.533 min Scan# 476
Delta R.T. -0.006 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:108 Resp: 206346

Ion	Ratio	Lower	Upper
108	100		
107	91.1	59.5	119.5
90	24.6	0.0	53.5

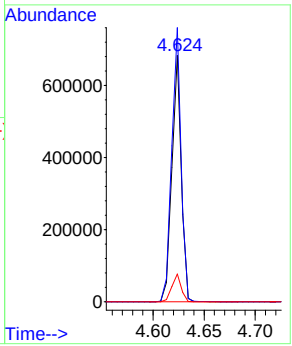


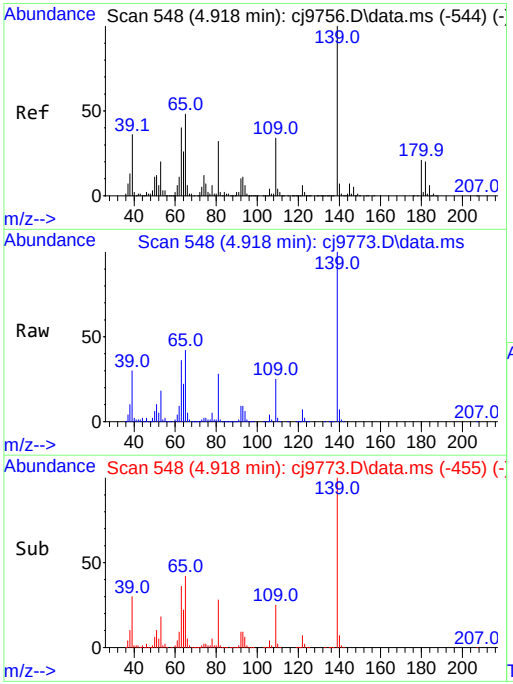


#21
3&4-Methylphenol
Concen: 100.67 ppm
RT: 4.624 min Scan# 493
Delta R.T. -0.006 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:108 Resp: 438943

Ion	Ratio	Lower	Upper
108	100		
107	111.3	81.2	141.2
90	11.3	0.0	41.3

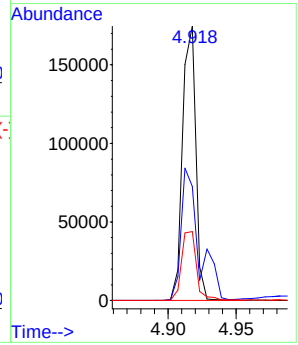


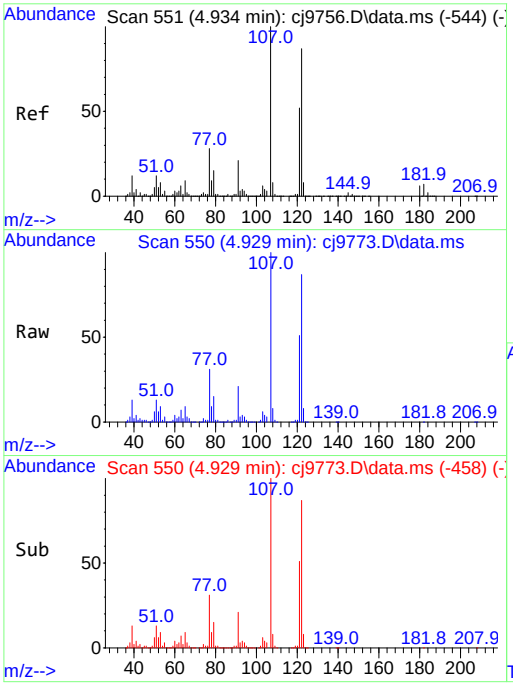


#29
2-Nitrophenol
Concen: 51.78 ppm
RT: 4.918 min Scan# 548
Delta R.T. -0.001 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:139 Resp: 118300

Ion	Ratio	Lower	Upper
139	100		
65	41.3	17.5	77.5
109	25.1	3.8	63.8

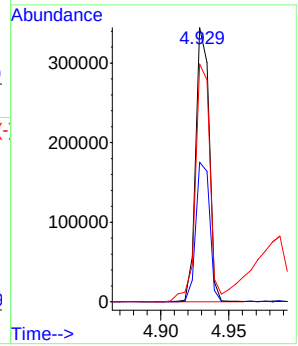


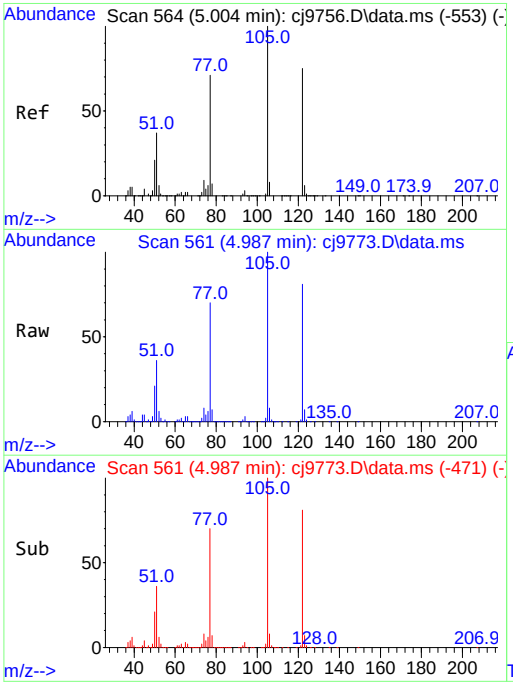


#30
2,4-Dimethylphenol
Concen: 49.55 ppm
RT: 4.929 min Scan# 550
Delta R.T. -0.006 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:107 Resp: 234993

Ion	Ratio	Lower	Upper
107	100		
121	50.9	21.7	81.7
122	82.3	53.4	113.4

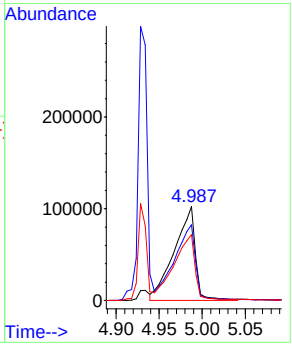


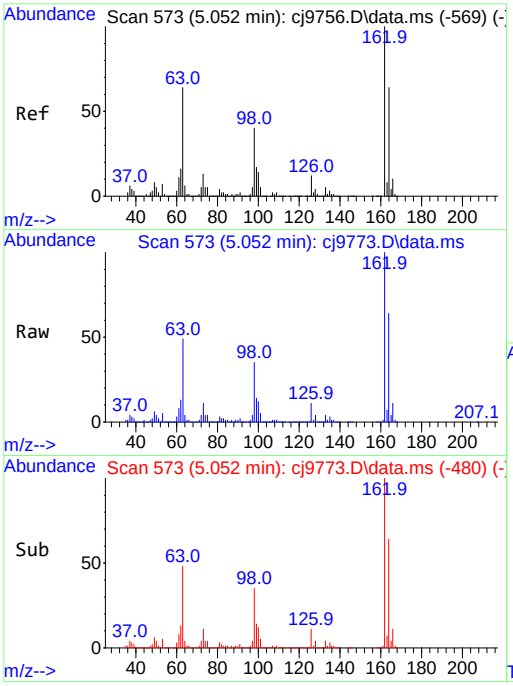


#31
Benzoic acid
Concen: 53.13 ppm
RT: 4.987 min Scan# 561
Delta R.T. -0.017 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:105 Resp: 174256

Ion	Ratio	Lower	Upper
105	100		
122	68.5	48.8	108.8
77	67.7	42.1	102.1

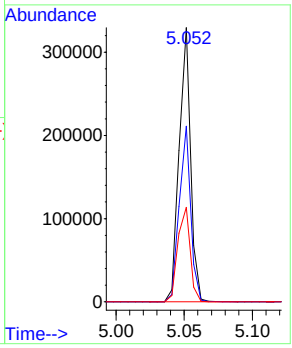


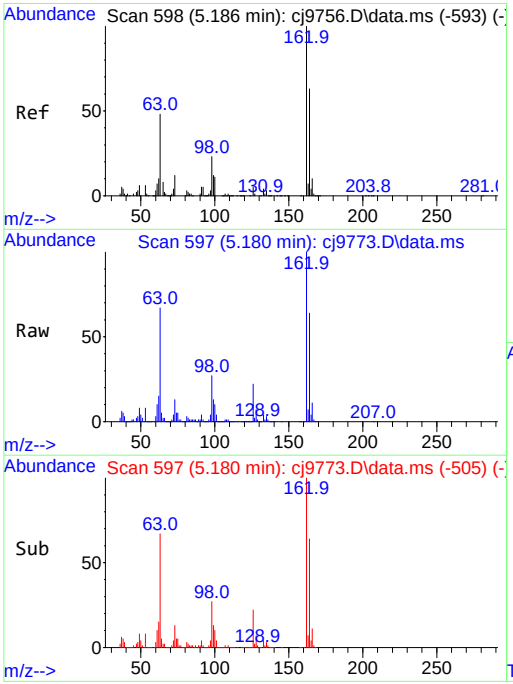


#33
2,4-Dichlorophenol
Concen: 51.29 ppm
RT: 5.052 min Scan# 573
Delta R.T. -0.001 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:162 Resp: 192396

Ion	Ratio	Lower	Upper
162	100		
164	64.1	34.2	94.2
98	34.5	9.7	69.7

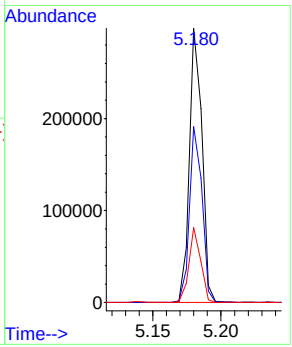


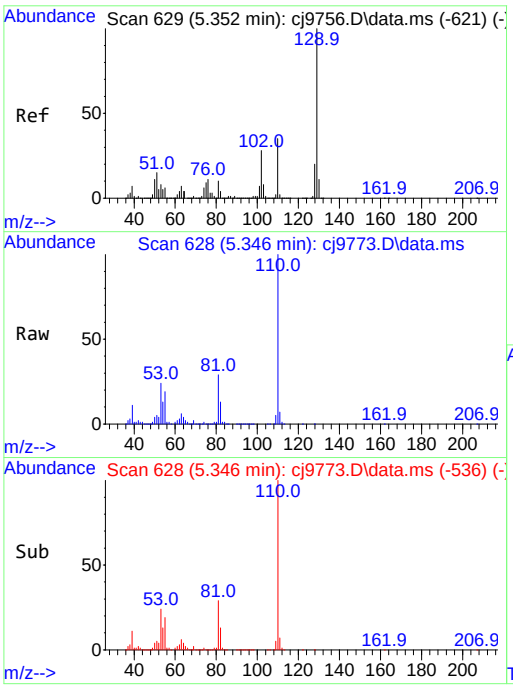


#34
2,6-Dichlorophenol
Concen: 50.74 ppm
RT: 5.180 min Scan# 597
Delta R.T. -0.006 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:162 Resp: 189856

Ion	Ratio	Lower	Upper
162	100		
164	64.1	33.4	93.4
98	27.3	0.0	54.6

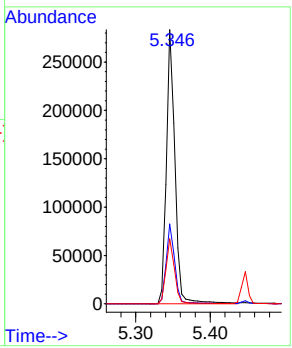


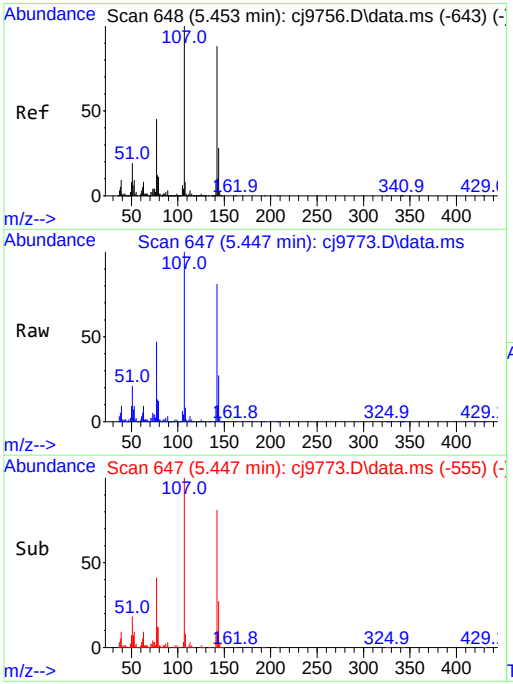


#41
Hydroquinone
Concen: 79.58 ppm
RT: 5.346 min Scan# 628
Delta R.T. -0.006 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:110 Resp: 227090

Ion	Ratio	Lower	Upper
110	100		
81	29.1	0.0	58.8
53	23.5	0.0	53.6

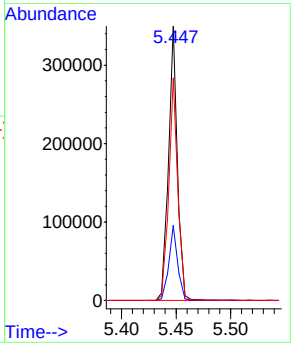


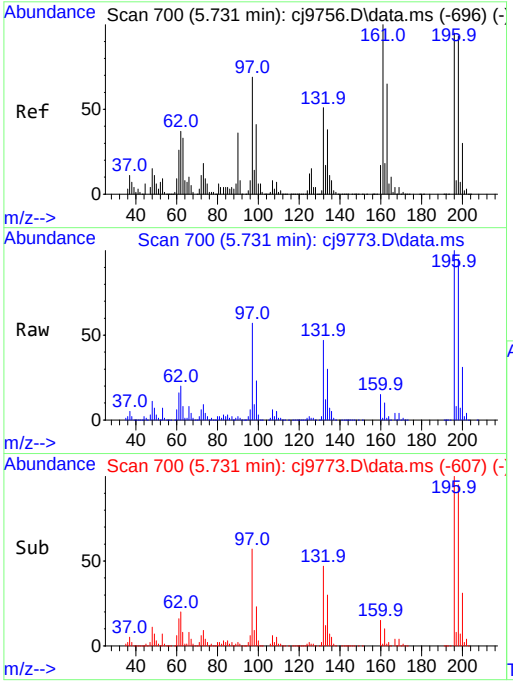


#43
4-Chloro-3-methylphenol
Concen: 51.50 ppm
RT: 5.447 min Scan# 647
Delta R.T. -0.006 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:107 Resp: 200781

Ion	Ratio	Lower	Upper
107	100		
144	27.3	0.0	58.3
142	81.1	58.1	118.1

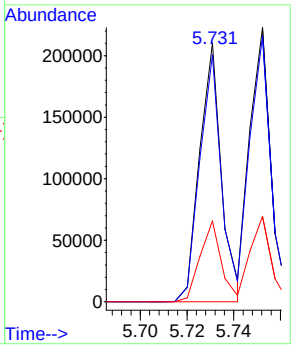


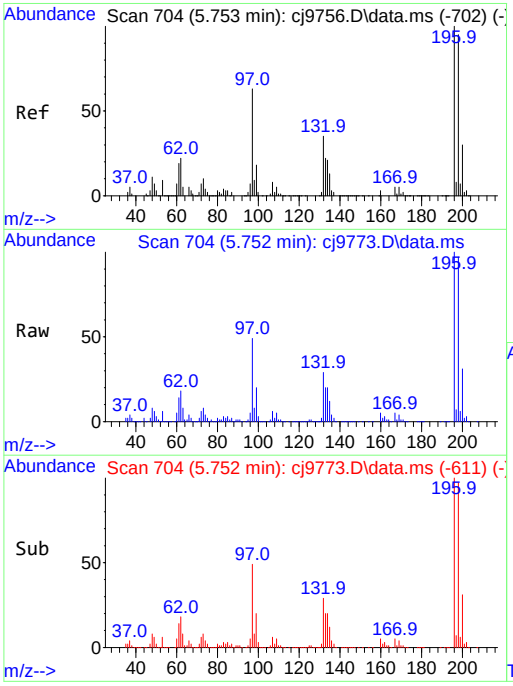


#49
2,4,6-Trichlorophenol
Concen: 50.88 ppm
RT: 5.731 min Scan# 700
Delta R.T. -0.001 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:196 Resp: 136118

Ion	Ratio	Lower	Upper
196	100		
198	95.4	67.2	127.2
200	31.4	0.8	60.8

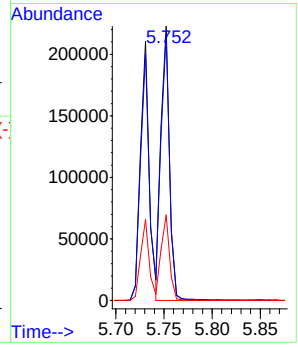


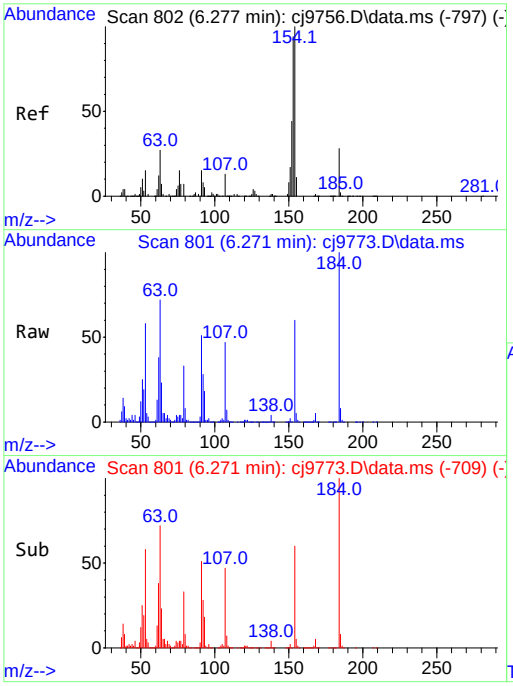


#50
2,4,5-Trichlorophenol
Concen: 51.82 ppm
RT: 5.752 min Scan# 704
Delta R.T. -0.001 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:196 Resp: 138216

Ion	Ratio	Lower	Upper
196	100		
198	97.0	65.1	125.1
200	31.3	0.0	60.0

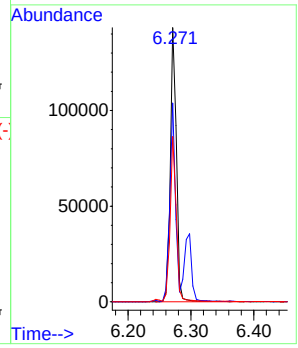


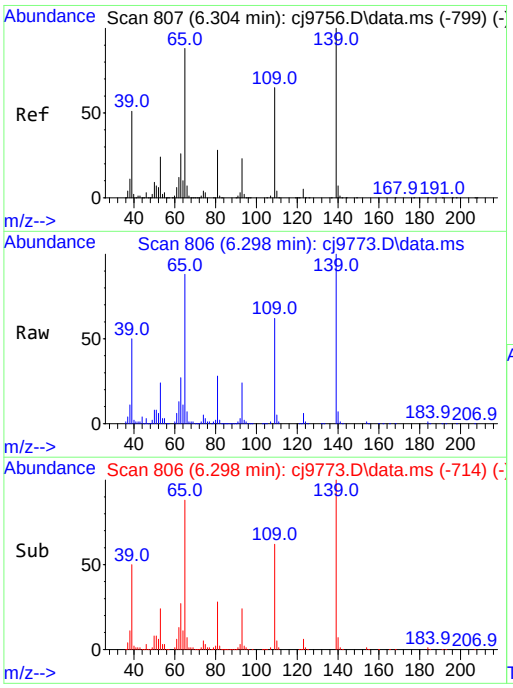


#60
2,4-Dinitrophenol
Concen: 90.90 ppm
RT: 6.271 min Scan# 801
Delta R.T. -0.006 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:184 Resp: 97044

Ion	Ratio	Lower	Upper
184	100		
63	72.2	66.5	126.5
154	59.7	333.5	393.5#

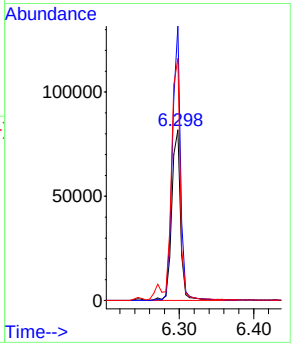


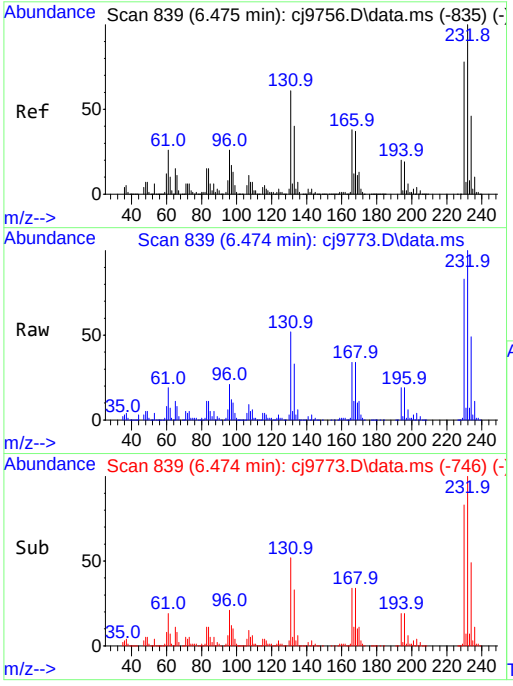


#61
4-Nitrophenol
Concen: 50.26 ppm
RT: 6.298 min Scan# 806
Delta R.T. -0.006 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:109 Resp: 66607

Ion	Ratio	Lower	Upper
109	100		
139	160.9	125.2	185.2
65	141.6	105.7	165.7

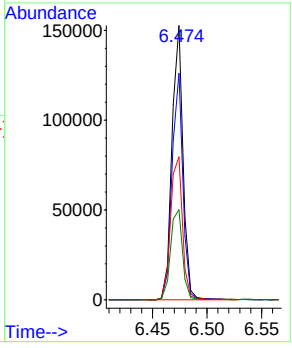


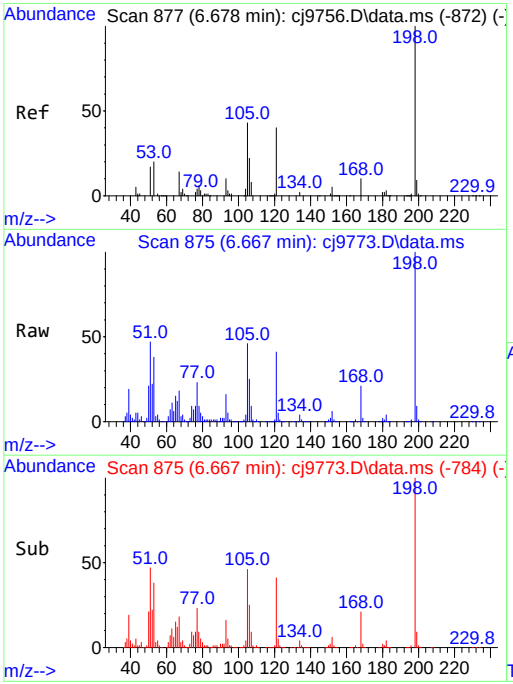


#64
2,3,4,6-Tetrachlorophenol
Concen: 50.54 ppm
RT: 6.474 min Scan# 839
Delta R.T. -0.001 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:232 Resp: 107775

Ion	Ratio	Lower	Upper
232	100		
230	82.6	48.2	108.2
131	52.1	30.7	90.7
133	32.9	9.7	69.7

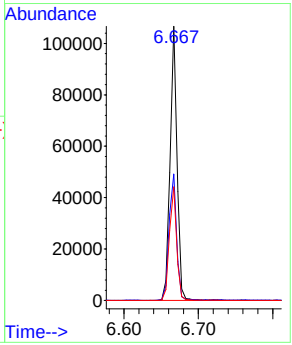


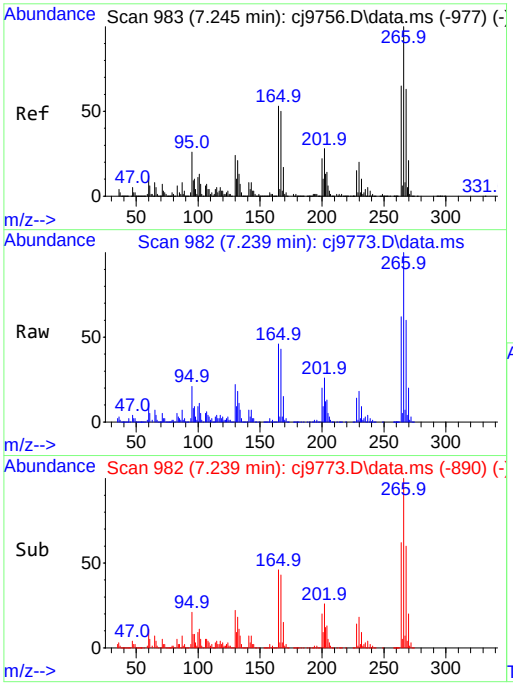


#70
4,6-Dinitro-2-methylphenol
Concen: 45.64 ppm
RT: 6.667 min Scan# 875
Delta R.T. -0.011 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:198 Resp: 68774

Ion	Ratio	Lower	Upper
198	100		
105	46.0	5.0	65.0
121	41.4	10.0	70.0

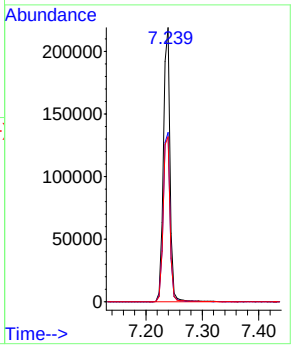




#77
Pentachlorophenol
Concen: 104.77 ppm
RT: 7.239 min Scan# 982
Delta R.T. -0.006 min
Lab File: cj9773.D
Acq: 17 Dec 2024 10:00 pm

Tgt Ion:266 Resp: 178957

Ion	Ratio	Lower	Upper
266	100		
264	61.7	35.3	95.3
268	60.2	33.4	93.4



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9774.D
Acq On : 17 Dec 2024 10:18 pm
Operator : rocquans
Sample : icv420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 20 09:53:19 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:44:27 2024
Response via : Initial Calibration

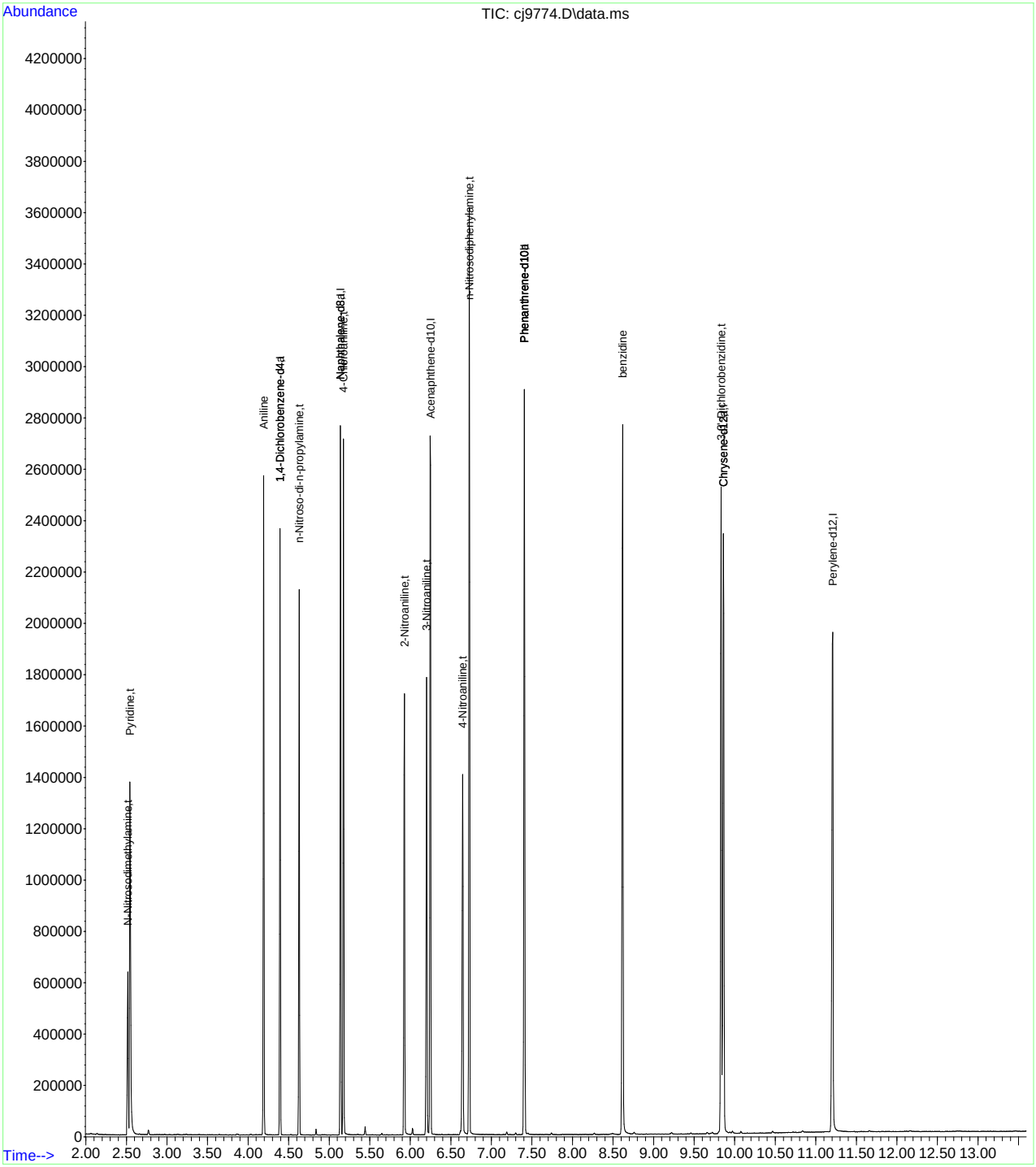
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	238738	40.00	ppm	0.00
24) Naphthalene-d8	5.137	136	919950	40.00	ppm	0.00
46) Acenaphthene-d10	6.250	164	503916	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	889212	40.00	ppm	0.00
84) Chrysene-d12	9.860	240	695677	40.00	ppm	-0.01
93) Perylene-d12	11.208	264	723802	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	4.394	152	238738	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	889212	40.00	ppm	0.00
107) Naphthalene-d8a	5.137	136	919950	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	889212	40.00	ppm	0.00
112) Chrysene-d12a	9.860	240	695677	40.00	ppm	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
3) Pyridine	2.543	79	393421	49.10	ppm	99
4) N-Nitrosodimethylamine	2.517	74	232142	52.25	ppm	98
10) Aniline	4.191	93	611650	49.22	ppm	99
22) n-Nitroso-di-n-propyla...	4.629	70	282604	49.70	ppm	96
39) 4-Chloroaniline	5.175	127	513025	51.41	ppm	98
54) 2-Nitroaniline	5.929	65	229098	51.50	ppm	93
58) 3-Nitroaniline	6.202	138	219286	53.32	ppm	95
68) 4-Nitroaniline	6.646	138	216804	50.40	ppm	95
71) n-Nitrosodiphenylamine	6.726	169	690767	46.93	ppm	98
85) benzidine	8.619	184	933140	62.39	ppm	99
90) 3,3'-Dichlorobenzidine	9.834	252	432155	50.77	ppm	96

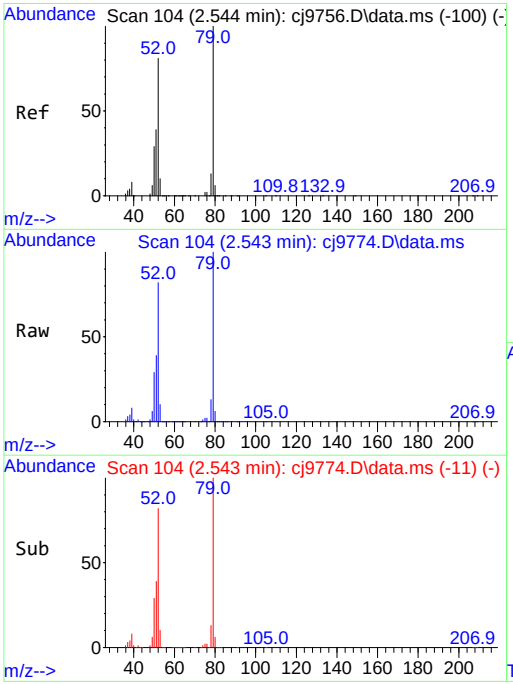
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9774.D
Acq On : 17 Dec 2024 10:18 pm
Operator : rocquans
Sample : icv420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 20 09:53:19 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 09:44:27 2024
Response via : Initial Calibration

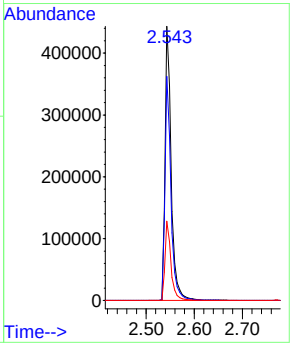


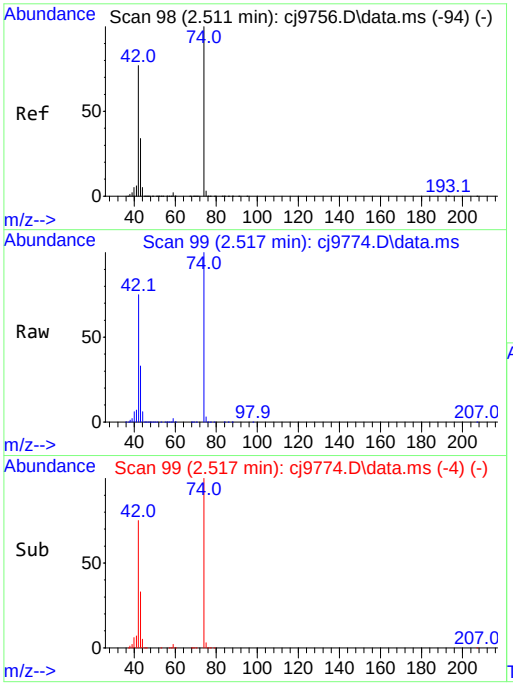


#3
Pyridine
Concen: 49.10 ppm
RT: 2.543 min Scan# 104
Delta R.T. -0.001 min
Lab File: cj9774.D
Acq: 17 Dec 2024 10:18 pm

Tgt Ion: 79 Resp: 393421

Ion	Ratio	Lower	Upper
79	100		
52	81.6	51.1	111.1
50	28.9	0.0	59.1

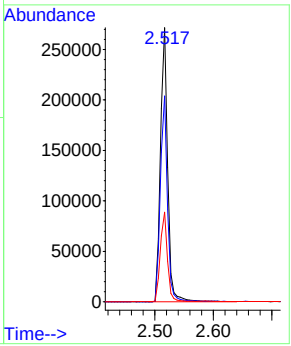


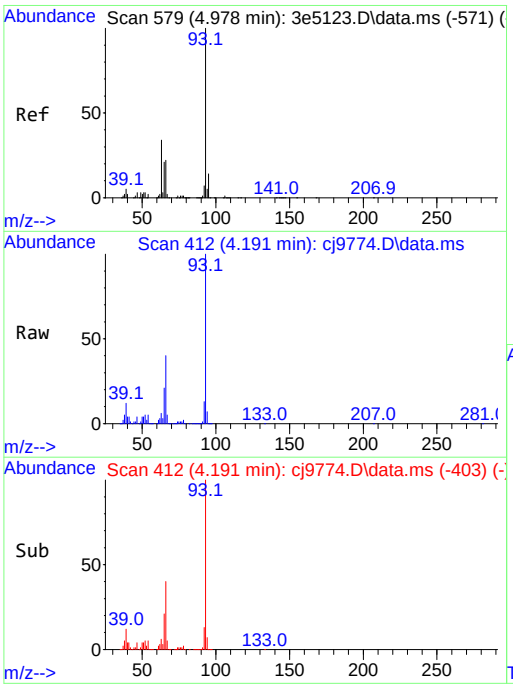


#4
N-Nitrosodimethylamine
Concen: 52.25 ppm
RT: 2.517 min Scan# 99
Delta R.T. 0.006 min
Lab File: cj9774.D
Acq: 17 Dec 2024 10:18 pm

Tgt Ion: 74 Resp: 232142

Ion	Ratio	Lower	Upper
74	100		
42	75.0	47.1	107.1
43	32.6	3.8	63.8

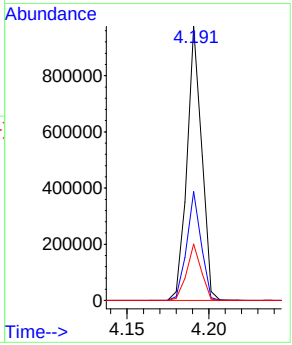


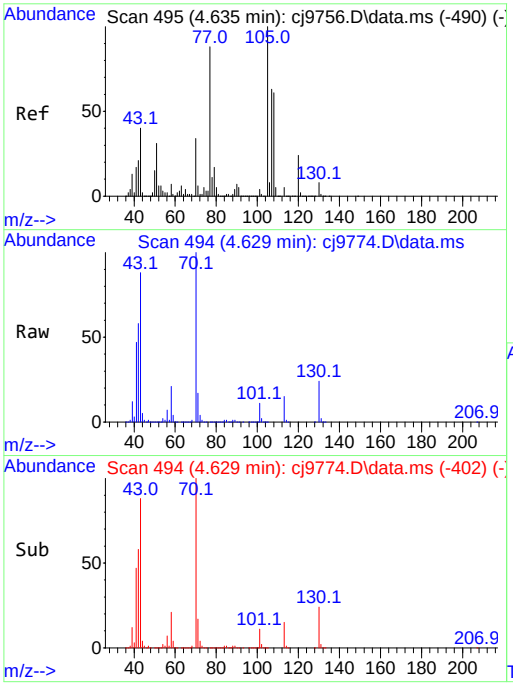


#10
Aniline
Concen: 49.22 ppm
RT: 4.191 min Scan# 412
Delta R.T. -0.000 min
Lab File: cj9774.D
Acq: 17 Dec 2024 10:18 pm

Tgt Ion: 93 Resp: 611650

Ion	Ratio	Lower	Upper
93	100		
66	39.7	8.9	68.9
65	20.6	0.0	50.8

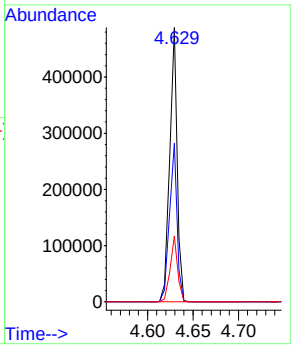


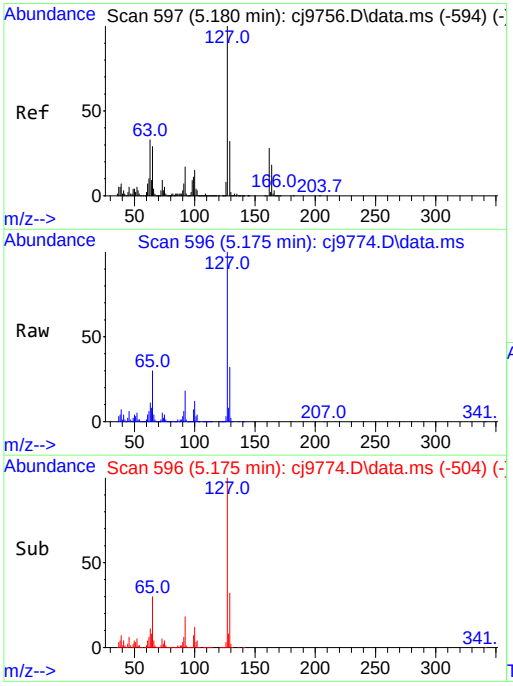


#22
n-Nitroso-di-n-propylamine
Concen: 49.70 ppm
RT: 4.629 min Scan# 494
Delta R.T. -0.006 min
Lab File: cj9774.D
Acq: 17 Dec 2024 10:18 pm

Tgt Ion: 70 Resp: 282604

Ion	Ratio	Lower	Upper
70	100		
42	57.8	31.2	91.2
130	24.0	0.0	52.5

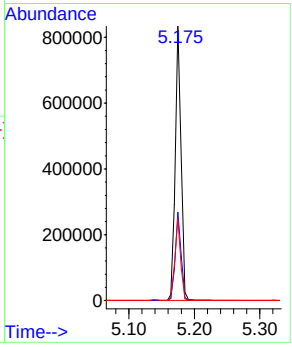


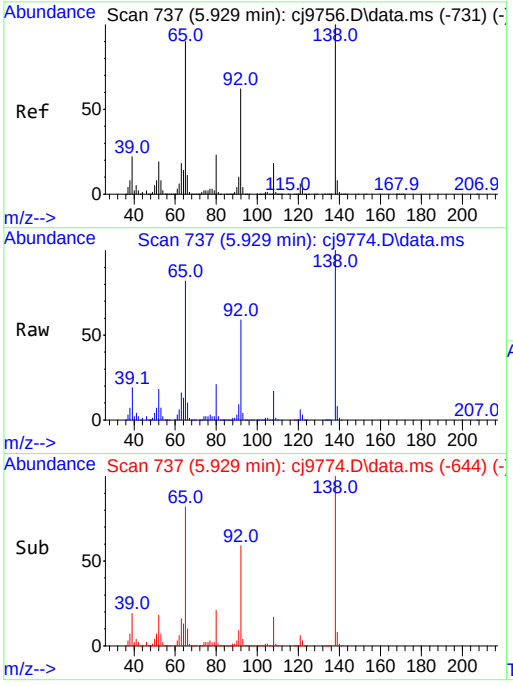


#39
4-Chloroaniline
Concen: 51.41 ppm
RT: 5.175 min Scan# 596
Delta R.T. -0.006 min
Lab File: cj9774.D
Acq: 17 Dec 2024 10:18 pm

Tgt Ion:127 Resp: 513025

Ion	Ratio	Lower	Upper
127	100		
129	32.1	1.9	61.9
65	30.0	0.0	58.3

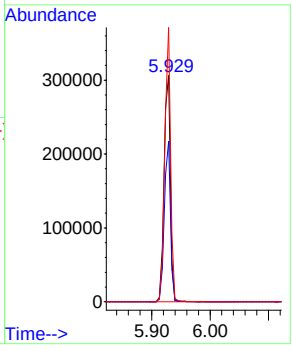


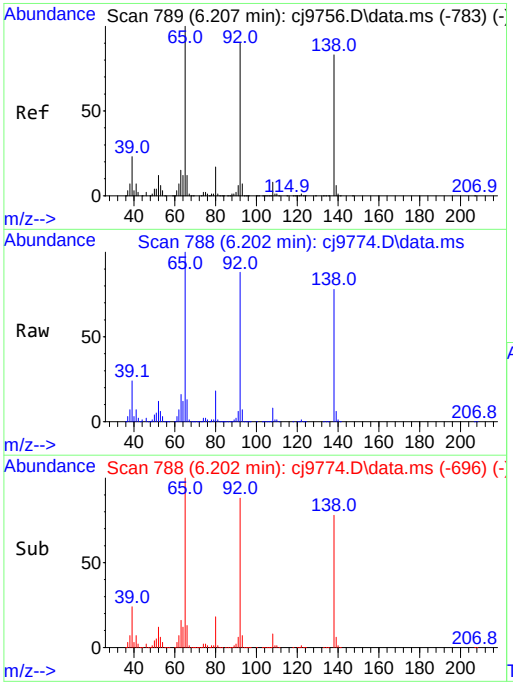


#54
2-Nitroaniline
Concen: 51.50 ppm
RT: 5.929 min Scan# 737
Delta R.T. -0.000 min
Lab File: cj9774.D
Acq: 17 Dec 2024 10:18 pm

Tgt Ion: 65 Resp: 229098

Ion	Ratio	Lower	Upper
65	100		
92	70.9	38.9	98.9
138	121.2	81.3	141.3

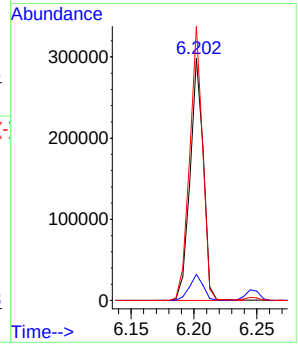


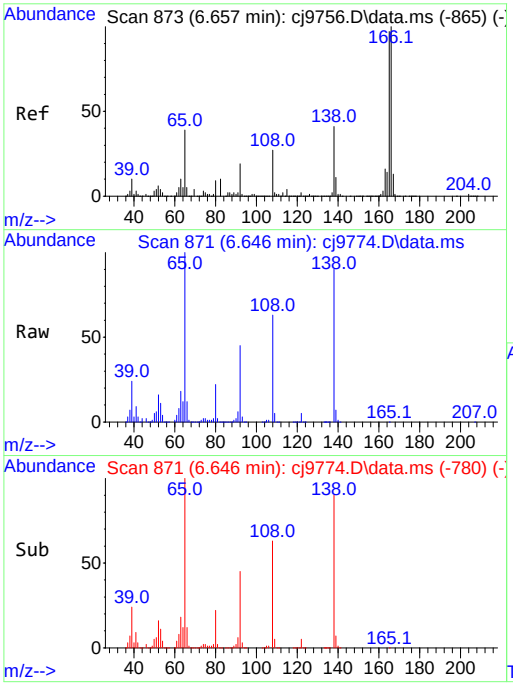


#58
3-Nitroaniline
Concen: 53.32 ppm
RT: 6.202 min Scan# 788
Delta R.T. -0.006 min
Lab File: cj9774.D
Acq: 17 Dec 2024 10:18 pm

Tgt Ion:138 Resp: 219286

Ion	Ratio	Lower	Upper
138	100		
108	10.0	0.0	39.2
92	113.0	78.1	138.1

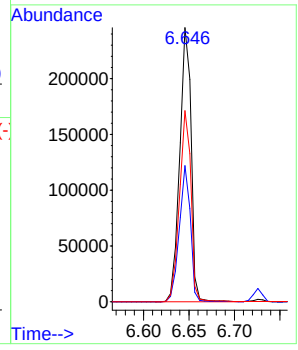


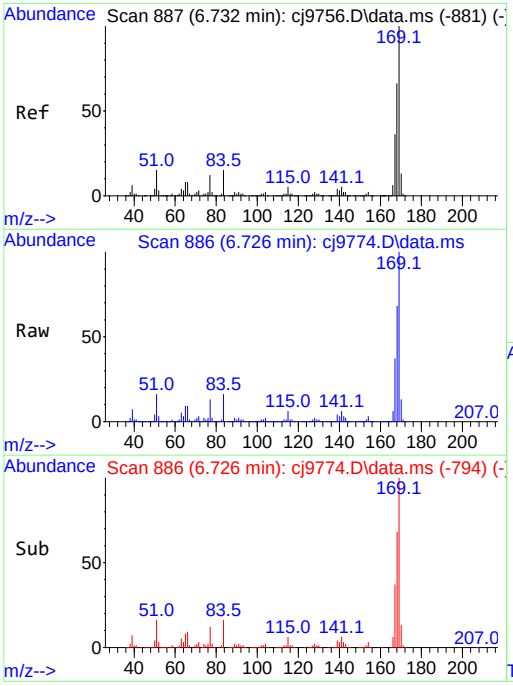


#68
4-Nitroaniline
Concen: 50.40 ppm
RT: 6.646 min Scan# 871
Delta R.T. -0.011 min
Lab File: cj9774.D
Acq: 17 Dec 2024 10:18 pm

Tgt Ion:138 Resp: 216804

Ion	Ratio	Lower	Upper
138	100		
92	49.6	15.3	75.3
108	69.7	36.8	96.8

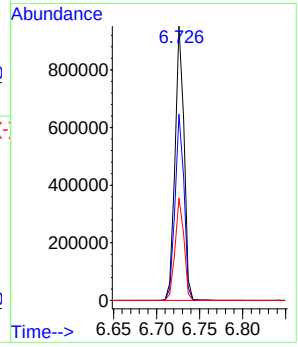


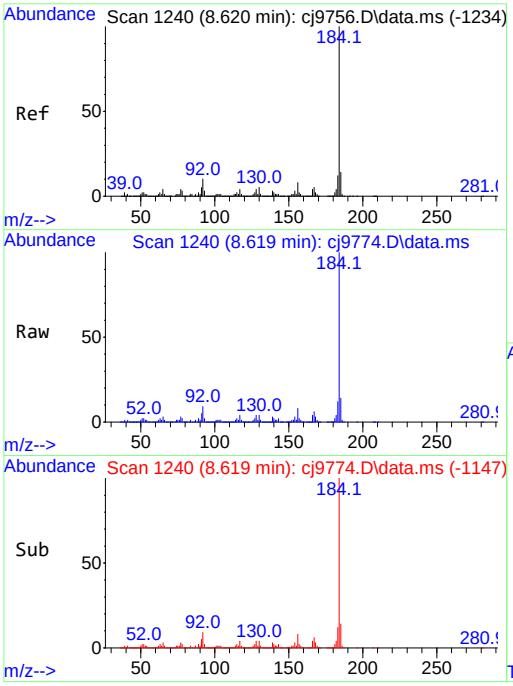


#71
n-Nitrosodiphenylamine
Concen: 46.93 ppm
RT: 6.726 min Scan# 886
Delta R.T. -0.006 min
Lab File: cj9774.D
Acq: 17 Dec 2024 10:18 pm

Tgt Ion:169 Resp: 690767

Ion	Ratio	Lower	Upper
169	100		
168	67.9	36.0	96.0
167	37.3	5.9	65.9

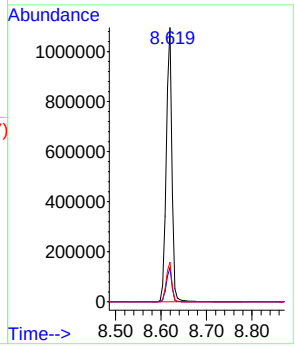




#85
benzidine
Concen: 62.39 ppm
RT: 8.619 min Scan# 1240
Delta R.T. -0.001 min
Lab File: cj9774.D
Acq: 17 Dec 2024 10:18 pm

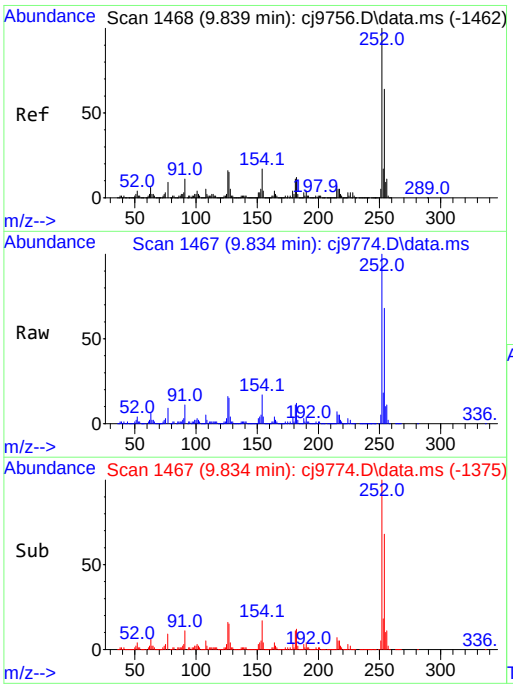
Tgt Ion:184 Resp: 933140

Ion	Ratio	Lower	Upper
184	100		
183	12.2	9.5	14.3
185	14.5	11.0	16.4



7.6.17

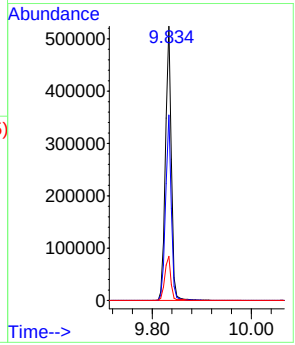
7



#90
3,3'-Dichlorobenzidine
Concen: 50.77 ppm
RT: 9.834 min Scan# 1467
Delta R.T. -0.006 min
Lab File: cj9774.D
Acq: 17 Dec 2024 10:18 pm

Tgt Ion:252 Resp: 432155

Ion	Ratio	Lower	Upper
252	100		
254	67.6	34.1	94.1
126	16.1	0.0	45.7



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9775.D
Acq On : 17 Dec 2024 10:36 pm
Operator : rocquans
Sample : icv420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 20 10:31:34 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:31:16 2024
Response via : Initial Calibration

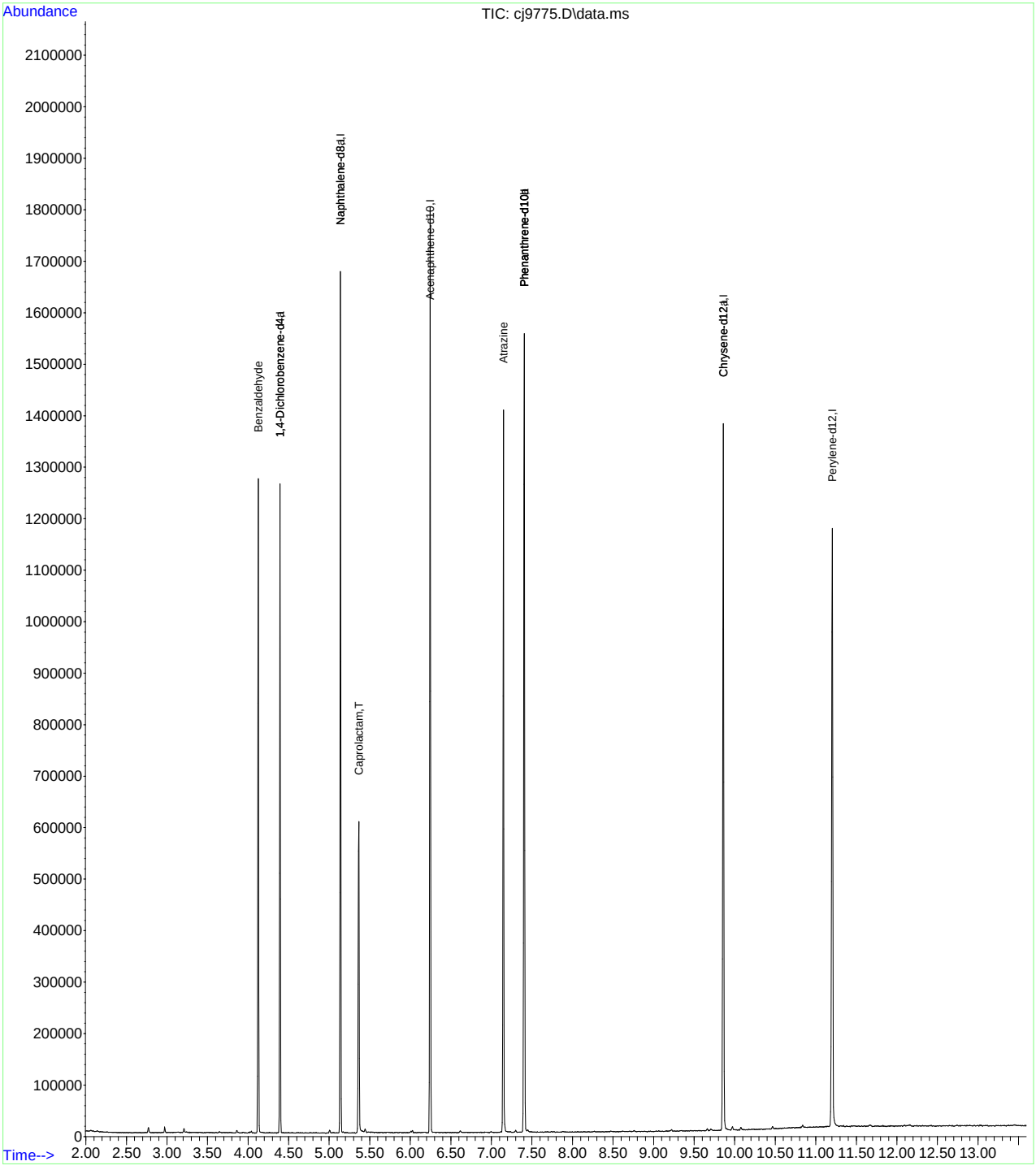
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.394	152	124991	40.00	ppm	0.00
24) Naphthalene-d8	5.138	136	498293	40.00	ppm	0.00
46) Acenaphthene-d10	6.245	164	277817	40.00	ppm	0.00
69) Phenanthrene-d10	7.405	188	487356	40.00	ppm	0.00
84) Chrysene-d12	9.861	240	377816	40.00	ppm	-0.01
93) Perylene-d12	11.203	264	391771	40.00	ppm	-0.01
103) 1,4-Dichlorobenzene-d4a	4.394	152	124991	40.00	ppm	0.00
105) Phenanthrene-d10a	7.405	188	487356	40.00	ppm	0.00
107) Naphthalene-d8a	5.138	136	498293	40.00	ppm	0.00
109) Phenanthrene-d10b	7.405	188	487356	40.00	ppm	0.00
112) Chrysene-d12a	9.861	240	377816	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
104) Benzaldehyde	4.127	105	174481	48.24	ppm	98
106) Atrazine	7.149	215	57653	46.33	ppm	96
108) Caprolactam	5.368	55	106534	50.32	ppm	97

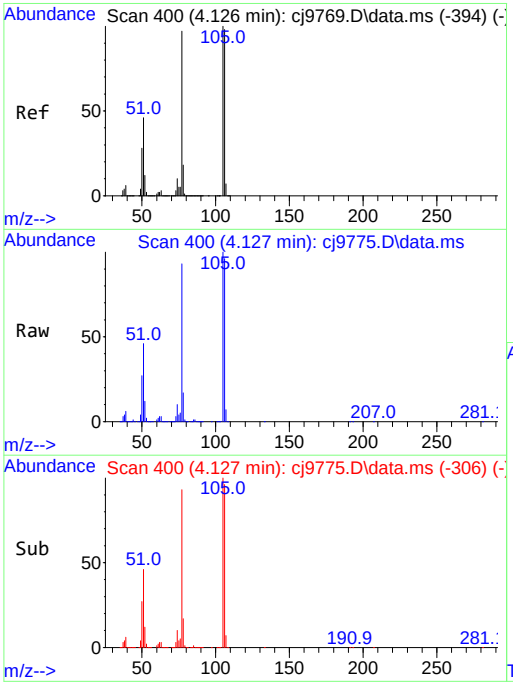
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\ECJ420\
Data File : cj9775.D
Acq On : 17 Dec 2024 10:36 pm
Operator : rocquans
Sample : icv420-50
Misc : op58364,ecj420,30.0,,,1,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 20 10:31:34 2024
Quant Method : C:\MassHunter\GCMS\1\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Fri Dec 20 10:31:16 2024
Response via : Initial Calibration

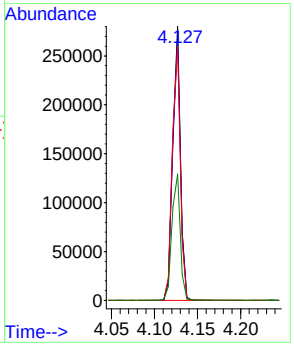


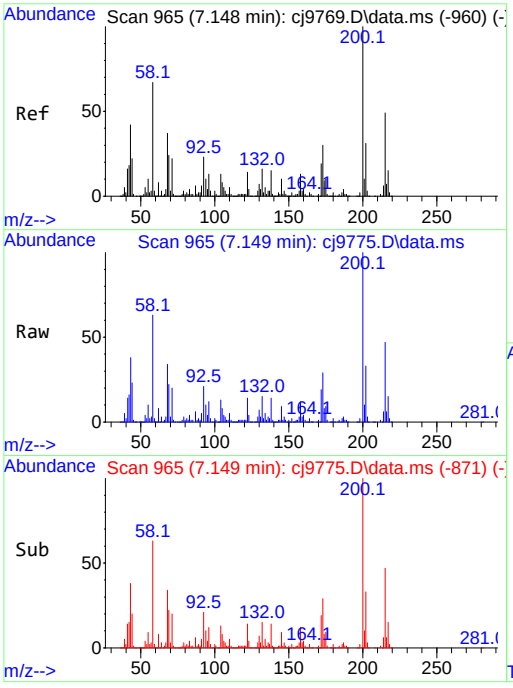


#104
Benzaldehyde
Concen: 48.24 ppm
RT: 4.127 min Scan# 400
Delta R.T. 0.000 min
Lab File: cj9775.D
Acq: 17 Dec 2024 10:36 pm

Tgt Ion:105 Resp: 174481

Ion	Ratio	Lower	Upper
105	100		
106	96.3	67.9	127.9
77	92.5	66.9	126.9
51	46.0	16.1	76.1

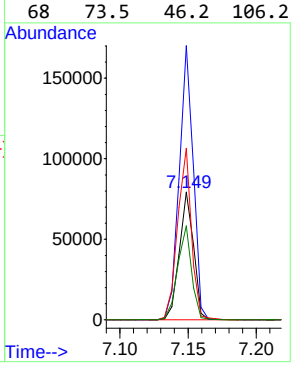


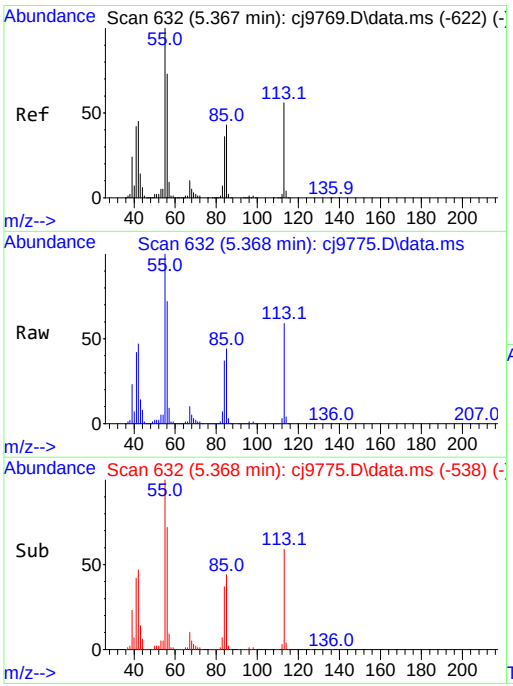


#106
Atrazine
Concen: 46.33 ppm
RT: 7.149 min Scan# 965
Delta R.T. 0.000 min
Lab File: cj9775.D
Acq: 17 Dec 2024 10:36 pm

Tgt Ion:215 Resp: 57653

Ion	Ratio	Lower	Upper
215	100		
200	214.8	174.8	234.8
58	134.4	106.4	166.4
68	73.5	46.2	106.2

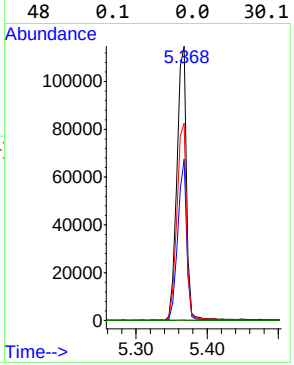




#108
Caprolactam
Concen: 50.32 ppm
RT: 5.368 min Scan# 632
Delta R.T. 0.000 min
Lab File: cj9775.D
Acq: 17 Dec 2024 10:36 pm

Tgt Ion: 55 Resp: 106534

Ion	Ratio	Lower	Upper
55	100		
113	58.9	25.6	85.6
56	71.9	42.9	102.9
48	0.1	0.0	30.1



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10549.D
Acq On : 27 Jan 2025 04:55 pm
Operator : anthonyo
Sample : cc420-50 Inst : GCMSCJ
Misc : op60814,ecj451,30.0,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 00:59:38 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 00:35:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.098	152	115537	40.00	ppm	0.00
24) Naphthalene-d8	4.847	136	443344	40.00	ppm	0.00
46) Acenaphthene-d10	5.900	164	250511	40.00	ppm	0.00
69) Phenanthrene-d10	7.013	188	459729	40.00	ppm	0.00
84) Chrysene-d12	9.425	240	424673	40.00	ppm	0.00
93) Perylene-d12	10.719	264	431557	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	4.098	152	115537	40.00	ppm	0.00
105) Phenanthrene-d10a	7.013	188	459729	40.00	ppm	0.00
107) Naphthalene-d8a	4.847	136	443344	40.00	ppm	0.00
109) Phenanthrene-d10b	7.013	188	459729	40.00	ppm	0.00
112) Chrysene-d12a	9.425	240	424673	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.301	112	179633	50.45	ppm	-0.02
Spiked Amount 50.000			Recovery =	100.90%		
8) Phenol-d5	3.937	99	232143	51.73	ppm	0.00
Spiked Amount 50.000			Recovery =	103.46%		
25) Nitrobenzene-d5	4.445	82	220121	51.33	ppm	0.00
Spiked Amount 50.000			Recovery =	102.66%		
51) 2-Fluorobiphenyl	5.467	172	435134	52.87	ppm	0.00
Spiked Amount 50.000			Recovery =	105.74%		
74) 2,4,6-Tribromophenol	6.467	330	60172	58.38	ppm	0.00
Spiked Amount 50.000			Recovery =	116.76%		
87) Terphenyl-d14	8.425	244	538996	50.60	ppm	0.00
Spiked Amount 50.000			Recovery =	101.20%		
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) 1,4-Dioxane	1.857	88	70063	48.8103	ppm	91
3) Pyridine	2.210	79	198875	51.2896	ppm	89
4) N-Nitrosodimethylamine	2.172	74	114077	53.0515	ppm	95
6) Indene	4.253	116	335835	50.2404	ppm	96
7) Cumene	3.584	105	409011	52.5693	ppm	96
9) Phenol	3.948	94	244742	50.7028	ppm	80
10) Aniline	3.921	93	291754	48.5152	ppm	65
11) bis(2-Chloroethyl)ether	3.948	93	199587	52.1858	ppm	77
12) 2-Chlorophenol	3.991	128	205194	50.8770	ppm	87
13) Decane	3.980	43	186375	43.1073	ppm	94
14) 1,3-Dichlorobenzene	4.066	146	223069	50.6289	ppm	98
15) 1,4-Dichlorobenzene	4.108	146	227445	50.8417	ppm	99
16) Benzyl alcohol	4.210	108	136291	51.4607	ppm	83
17) 1,2-Dichlorobenzene	4.205	146	214777	50.7668	ppm	100
18) Acetophenone	4.349	105	301320	53.2366	ppm	82
19) 2-Methylphenol	4.290	108	183497	51.8209	ppm	98
20) 2,2'-oxybis(1-Chloropr...	4.264	121	62597	49.5793	ppm	95
21) 3&4-Methylphenol	4.387	108	381742	102.8970	ppm	98
22) n-Nitroso-di-n-propyla...	4.349	70	142165	51.6575	ppm	99
23) Hexachloroethane	4.403	201	86224	58.1242	ppm	92
26) Nitrobenzene	4.456	77	230643	54.9947	ppm	98
27) Quinoline	5.066	129	403276	53.3879	ppm	96
28) Isophorone	4.585	82	400527	53.8818	ppm	93
29) 2-Nitrophenol	4.638	139	114335	59.1817	ppm	97
30) 2,4-Dimethylphenol	4.675	107	221445	55.2198	ppm	89
31) Benzoic acid	4.777	105	175639	63.3326	ppm	95

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10549.D
Acq On : 27 Jan 2025 04:55 pm
Operator : anthonyo
Sample : cc420-50 Inst : GCMSCJ
Misc : op60814,ecj451,30.0,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 00:59:38 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 00:35:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) bis(2-Chloroethoxy)met...	4.708	93	246636	51.3982	ppm	98
33) 2,4-Dichlorophenol	4.788	162	175522	55.3367	ppm	97
34) 2,6-Dichlorophenol	4.911	162	172265	54.4485	ppm	95
35) 1,3,5-Trichlorobenzene	4.627	180	196563	54.3264	ppm	99
36) 1,2,4-Trichlorobenzene	4.814	180	187020	54.9425	ppm	98
37) 1,2,3-Trichlorobenzene	4.943	180	185619	54.7230	ppm	96
38) Naphthalene	4.863	128	584878	50.2073	ppm	99
39) 4-Chloroaniline	4.911	127	250000	51.9798	ppm	93
40) 2,3-Dichloroaniline	5.435	161	196744	53.6005	ppm	96
41) Hydroquinone	5.130	110	174150	72.1737	ppm	93
42) Hexachlorobutadiene	4.921	225	118963	63.4824	ppm	96
43) 4-Chloro-3-methylphenol	5.194	107	194705	59.0641	ppm	96
44) 2-Methylnaphthalene	5.253	141	360417	52.8765	ppm	97
45) 1-Methylnaphthalene	5.312	141	349140	53.5617	ppm	97
47) Hexachlorocyclopentadiene	5.339	237	213329	111.9144	ppm	98
48) 1,2,4,5-tetrachloroben...	5.349	216	193005	57.4017	ppm	98
49) 2,4,6-Trichlorophenol	5.430	196	131204	55.3983	ppm	97
50) 2,4,5-Trichlorophenol	5.462	196	141050	59.7354	ppm	97
52) 2-Chloronaphthalene	5.547	162	372282	50.6678	ppm	98
53) Biphenyl	5.531	154	495153	51.3781	ppm	99
54) 2-Nitroaniline	5.633	65	127436	57.6226	ppm	86
55) Dimethylphthalate	5.724	163	467132	54.3431	ppm	99
56) Acenaphthylene	5.809	152	546584	51.3540	ppm	99
57) 2,6-Dinitrotoluene	5.772	165	105403	62.8123	ppm	99
58) 3-Nitroaniline	5.900	138	113398	55.4690	ppm	81
59) Acenaphthene	5.922	153	410617	53.2225	ppm	99
60) 2,4-Dinitrophenol	5.964	184	138301	132.4249	ppm	85
61) 4-Nitrophenol	6.050	109	78335	66.7693	ppm	96
62) Dibenzofuran	6.045	168	548993	52.9931	ppm	86
63) 2,4-Dinitrotoluene	6.045	165	147385	63.1781	ppm	80
64) 2,3,4,6-Tetrachlorophenol	6.136	232	110728	58.6598	ppm	97
65) Diethylphthalate	6.194	149	498265	55.9130	ppm	99
66) Fluorene	6.280	166	435913	52.6458	ppm	100
67) 4-Chlorophenyl-phenyle...	6.275	204	213084	57.3771	ppm	98
68) 4-Nitroaniline	6.344	138	113781	53.2048	ppm	85
70) 4,6-Dinitro-2-methylph...	6.339	198	85854	59.9161	ppm	97
71) n-Nitrosodiphenylamine	6.371	169	374932	49.2669	ppm	99
72) 1,2-Diphenylhydrazine	6.392	77	506763	54.6261	ppm	95
73) pentachloronitrobenzene	6.863	295	23188	61.3314	ppm	96
75) 4-Bromophenyl-phenylether	6.644	248	122360	55.1920	ppm	98
76) Hexachlorobenzene	6.697	284	130033	54.8959	ppm	95
77) Pentachlorophenol	6.874	266	173300	110.7692	ppm	99
78) Phenanthrene	7.034	178	646050	48.9936	ppm	99
79) Anthracene	7.072	178	667378	50.7193	ppm	100
80) Carbazole	7.227	167	626297	48.9439	ppm	100
81) Di-n-butylphthalate	7.500	149	852181	53.5633	ppm	99
82) Fluoranthene	8.072	202	738506	54.1480	ppm	98
83) Octadecane	6.874	57	308871	41.9198	ppm	96
85) benzidine	8.222	184	263469	28.8566	ppm	100
86) Pyrene	8.280	202	767764	48.4156	ppm	99
88) Butylbenzylphthalate	8.896	149	394729	53.4455	ppm	91
89) Benzo[a]anthracene	9.414	228	723821	49.7640	ppm	99
90) 3,3'-Dichlorobenzidine	9.414	252	265136	51.0298	ppm	99
91) Chrysene	9.452	228	676273	49.6472	ppm	99
92) bis(2-Ethylhexyl)phtha...	9.430	149	585141	52.8067	ppm	99
94) Di-n-octylphthalate	10.029	149	998498	53.7012	ppm	100
95) Benzo[b]fluoranthene	10.399	252	771124	55.7997	ppm	93
96) Benzo[k]fluoranthene	10.420	252	584547	47.2944	ppm	97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10549.D
Acq On : 27 Jan 2025 04:55 pm
Operator : anthonyo
Sample : cc420-50 Inst : GCMSCJ
Misc : op60814,ecj451,30.0,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 00:59:38 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 00:35:43 2025
Response via : Initial Calibration

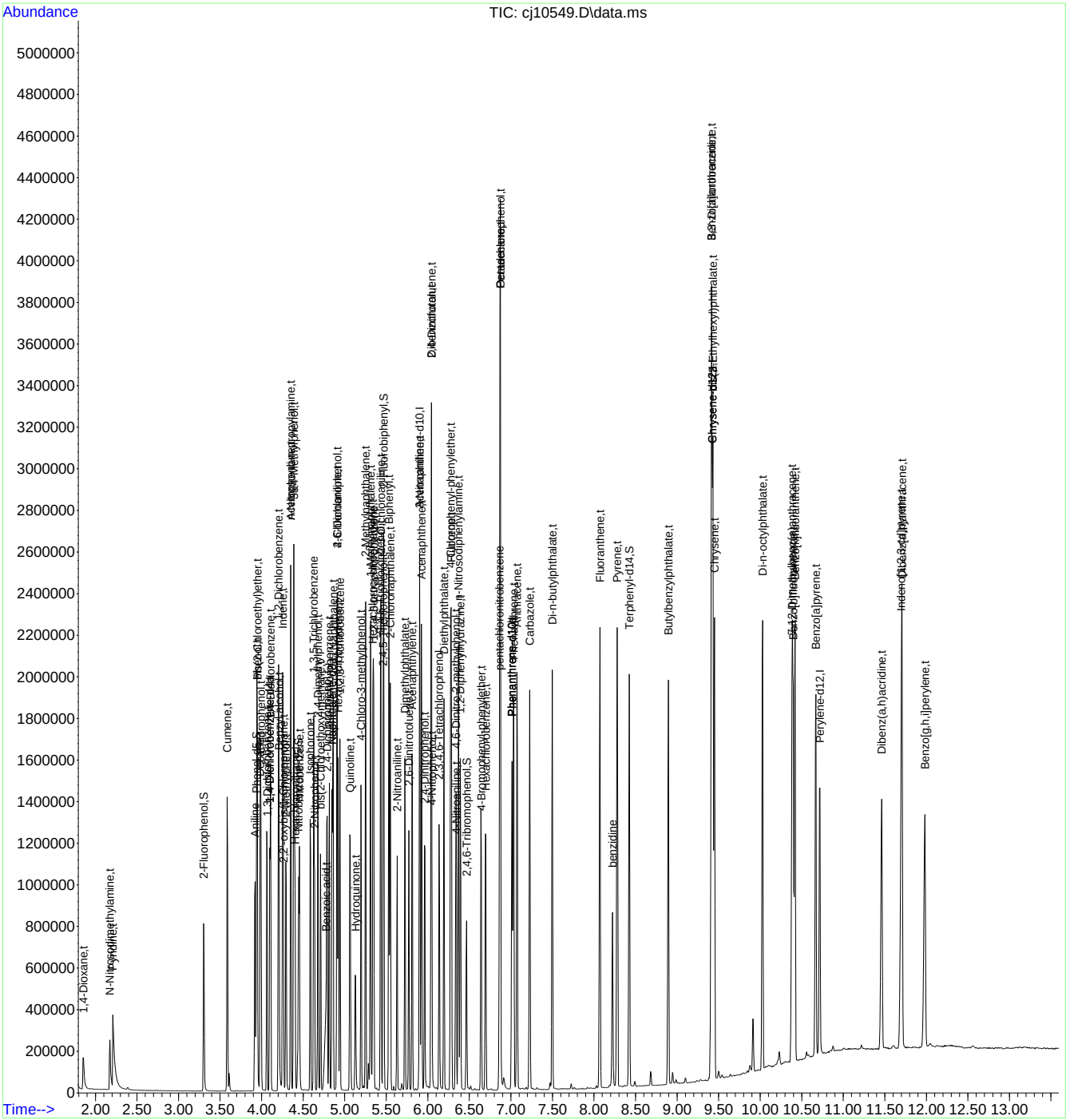
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) Benzo[a]pyrene	10.671	252	600602	52.9735	ppm	96
98) Indeno[1,2,3-cd]pyrene	11.698	276	737752	51.9572	ppm	96
99) Dibenz(a,h)acridine	11.463	279	512986	53.6412	ppm	100
100) Dibenz[a,h]anthracene	11.709	278	589514	52.1124	ppm	95
101) 7,12-Dimethylbenz(a)an...	10.383	256	285596	61.3361	ppm	99
102) Benzo[g,h,i]perylene	11.982	276	551123	50.1032	ppm	98

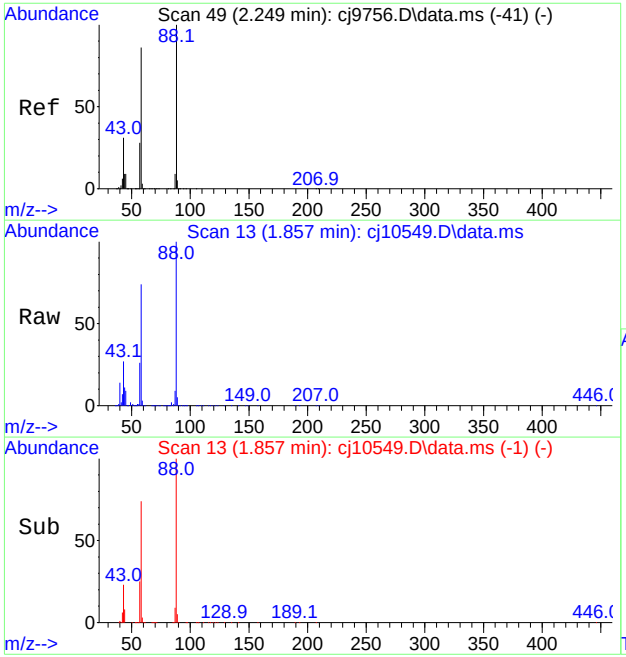
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10549.D
Acq On : 27 Jan 2025 04:55 pm
Operator : anthonyo
Sample : cc420-50 Inst : GCMSCJ
Misc : op60814,ecj451,30.0,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 00:59:38 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 00:35:43 2025
Response via : Initial Calibration

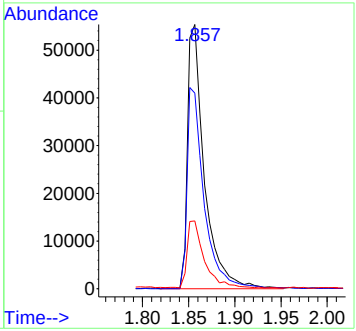


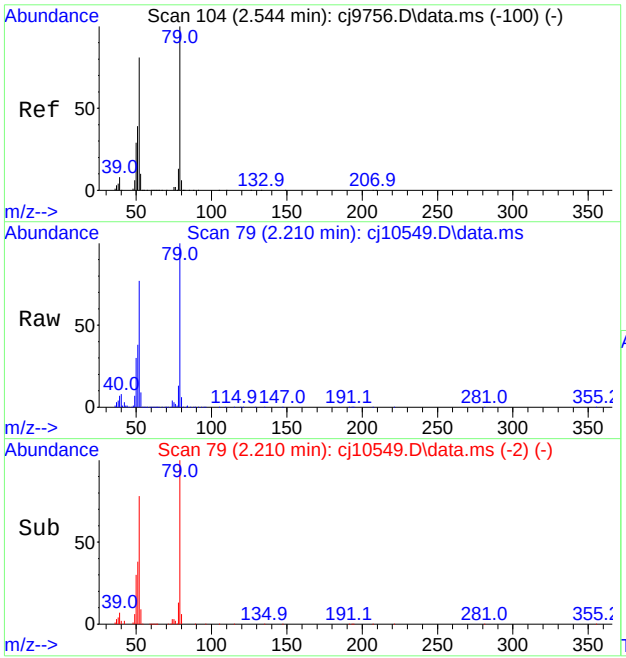


#2
1,4-Dioxane
Concen: 48.8103 ppm
RT: 1.857 min Scan# 13
Delta R.T. -0.098 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 88 Resp: 70063

Ion	Ratio	Lower	Upper
88	100		
58	73.9	35.4	95.4
57	25.2	0.0	52.9

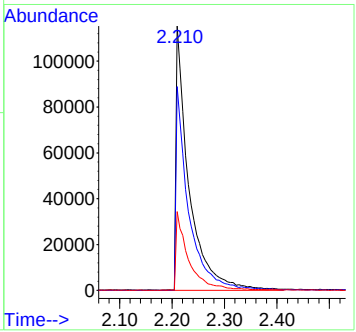


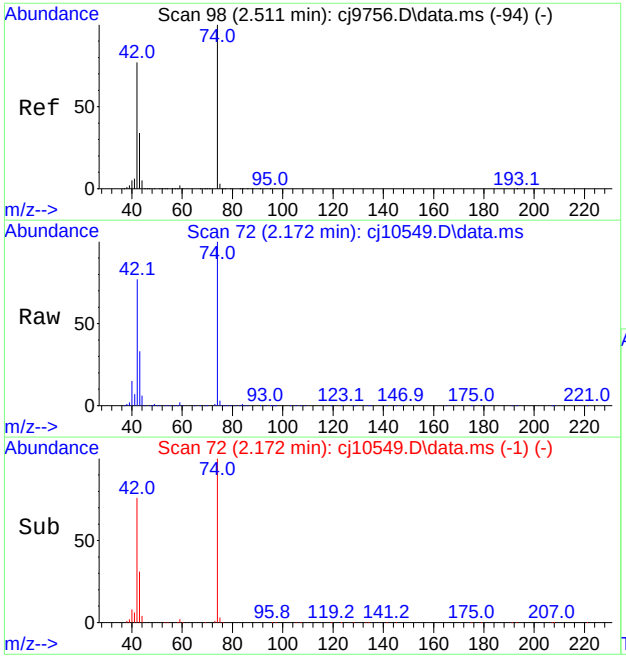


#3
Pyridine
Concen: 51.2896 ppm
RT: 2.210 min Scan# 79
Delta R.T. -0.087 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 79 Resp: 198875

Ion	Ratio	Lower	Upper
79	100		
52	77.1	36.0	96.0
50	29.7	0.0	57.4

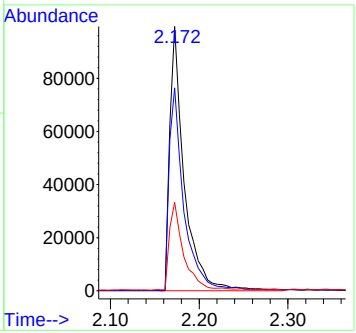


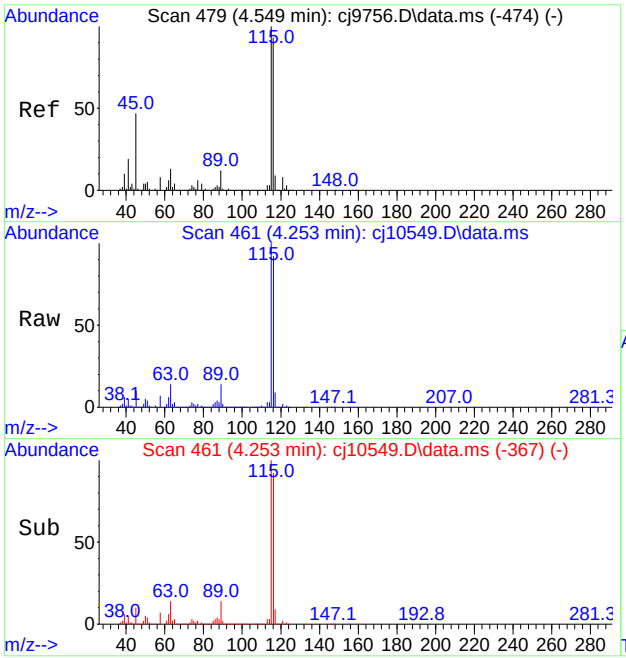


#4
N-Nitrosodimethylamine
Concen: 53.0515 ppm
RT: 2.172 min Scan# 72
Delta R.T. -0.082 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 74 Resp: 114077

Ion	Ratio	Lower	Upper
74	100		
42	76.7	42.8	102.8
43	33.2	0.4	60.4

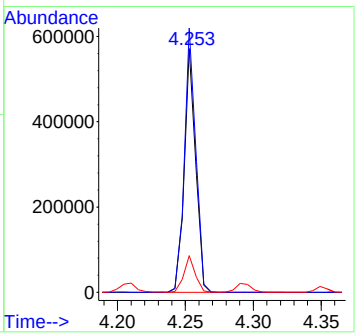


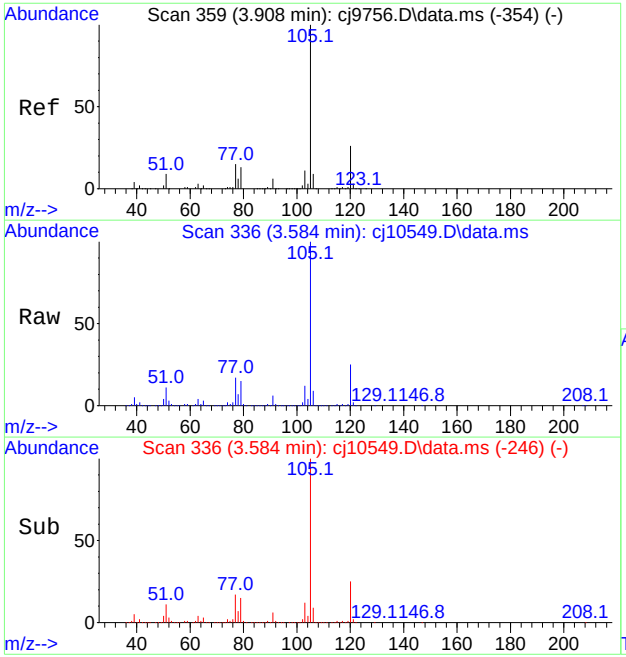


#6
Indene
Concen: 50.2404 ppm
RT: 4.253 min Scan# 461
Delta R.T. 0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:116 Resp: 335835

Ion	Ratio	Lower	Upper
116	100		
115	108.5	74.5	134.5
63	15.0	0.0	42.3

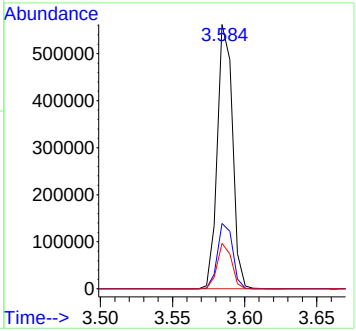


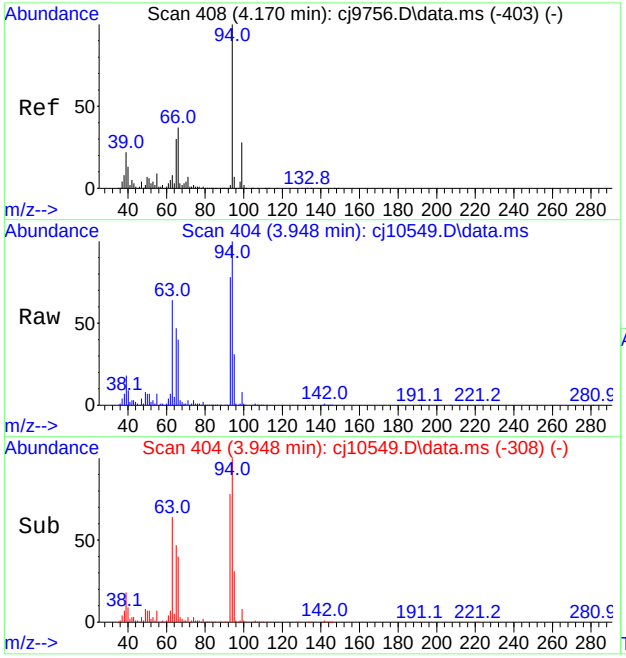


#7
Cumene
Concen: 52.5693 ppm
RT: 3.584 min Scan# 336
Delta R.T. -0.019 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:105 Resp: 409011

Ion	Ratio	Lower	Upper
105	100		
120	24.7	0.0	56.5
77	17.2	0.0	44.7

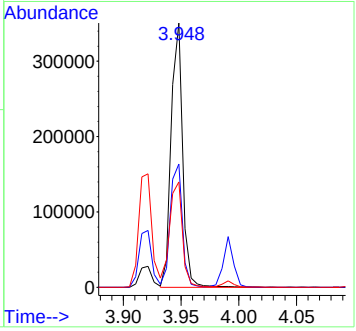


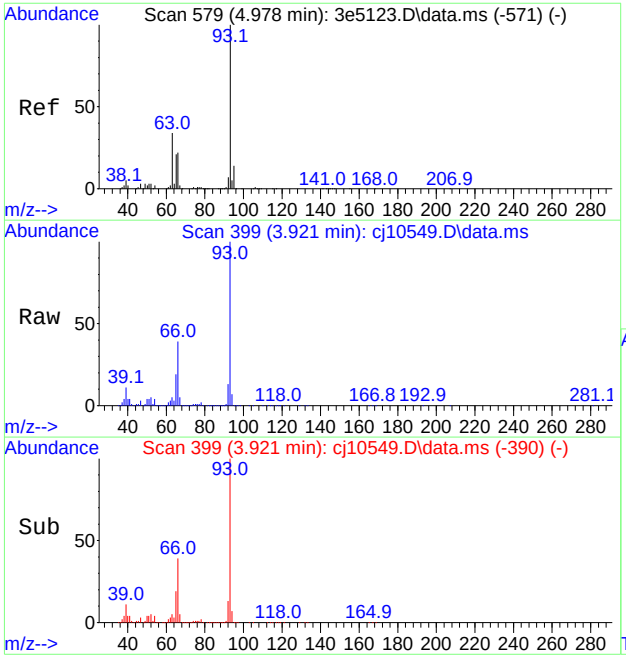


#9
Phenol
Concen: 50.7028 ppm
RT: 3.948 min Scan# 404
Delta R.T. 0.013 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 94 Resp: 244742

Ion	Ratio	Lower	Upper
94	100		
65	46.2	0.0	55.8
66	38.1	5.4	65.4

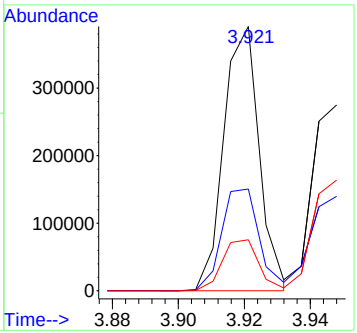


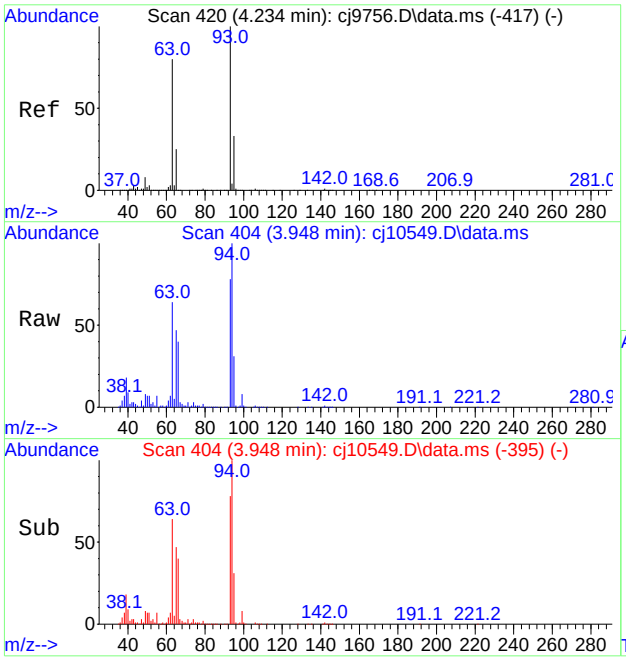


#10
Aniline
Concen: 48.5152 ppm
RT: 3.921 min Scan# 399
Delta R.T. -0.003 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 93 Resp: 291754

Ion	Ratio	Lower	Upper
93	100		
66	37.7	0.0	51.7
65	19.2	0.0	36.1

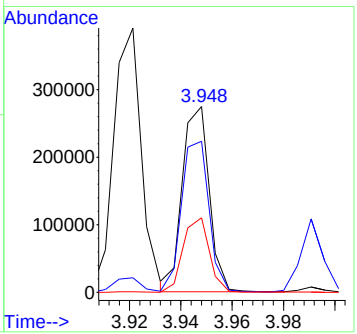


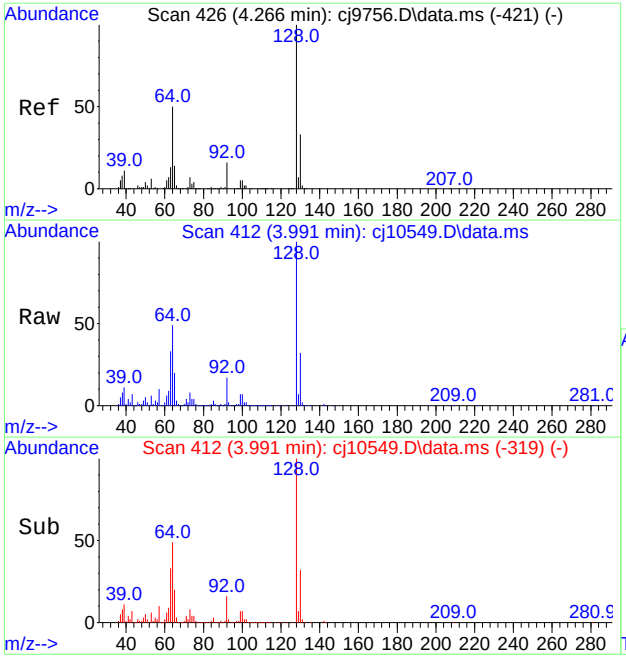


#11
bis(2-Chloroethyl)ether
Concen: 52.1858 ppm
RT: 3.948 min Scan# 404
Delta R.T. -0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 93 Resp: 199587

Ion	Ratio	Lower	Upper
93	100		
63	82.9	33.9	93.9
95	41.3	0.0	59.6

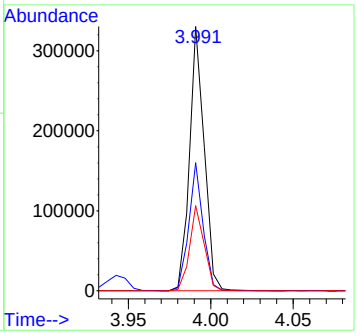


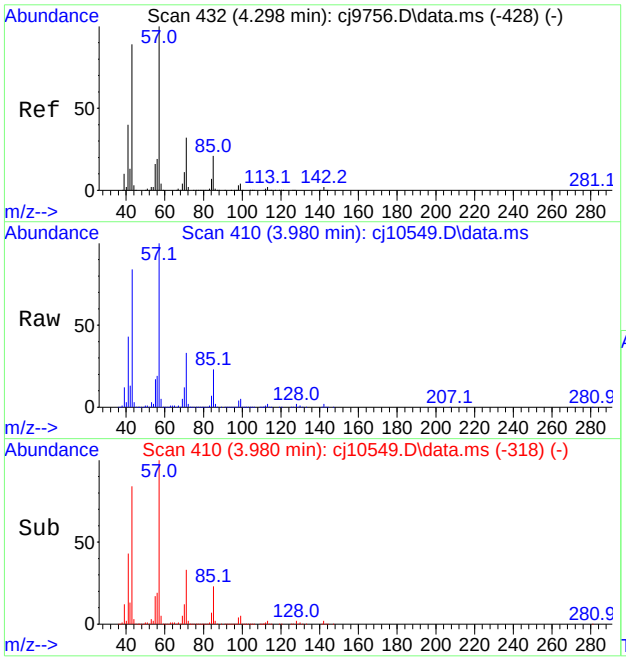


#12
2-Chlorophenol
Concen: 50.8770 ppm
RT: 3.991 min Scan# 412
Delta R.T. -0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:128 Resp: 205194

Ion	Ratio	Lower	Upper
128	100		
64	48.5	5.2	65.2
130	32.3	3.5	63.5

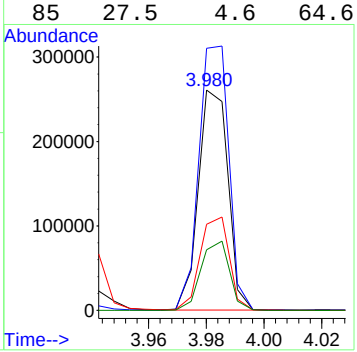


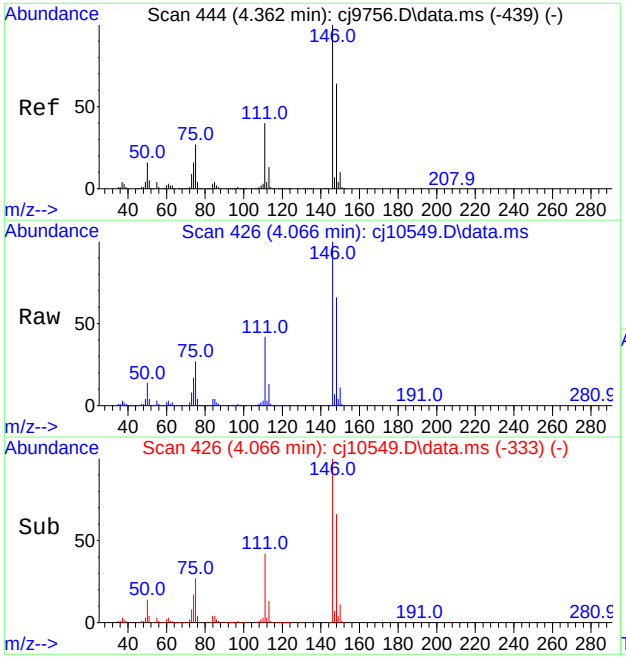


#13
Decane
Concen: 43.1073 ppm
RT: 3.980 min Scan# 410
Delta R.T. -0.007 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 43 Resp: 186375

Ion	Ratio	Lower	Upper
43	100		
57	119.1	87.4	147.4
71	39.0	16.1	76.1
85	27.5	4.6	64.6

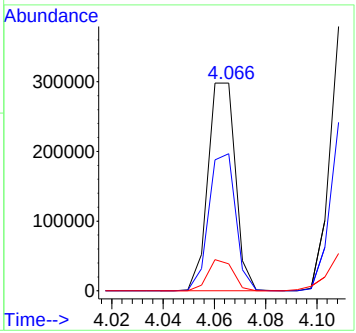


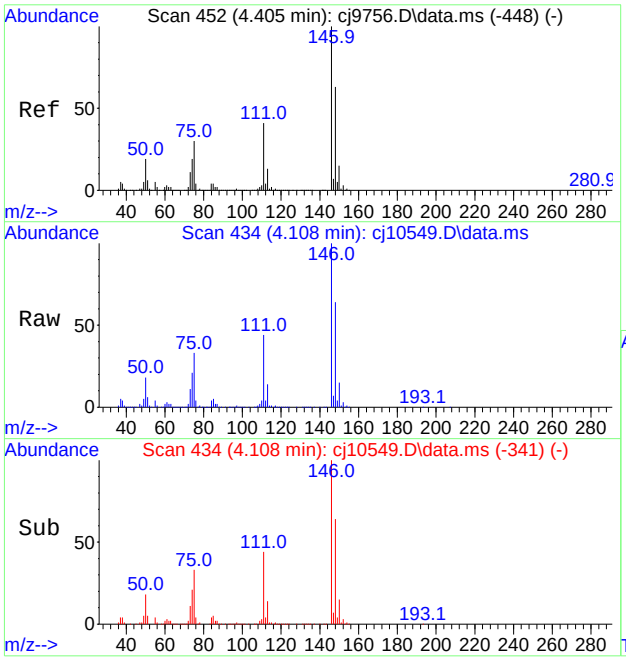


#14
1,3-Dichlorobenzene
Concen: 50.6289 ppm
RT: 4.066 min Scan# 426
Delta R.T. -0.001 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:146 Resp: 223069

Ion	Ratio	Lower	Upper
146	100		
148	65.9	34.6	94.6
113	13.0	0.0	42.5

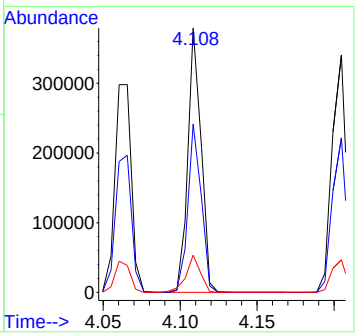


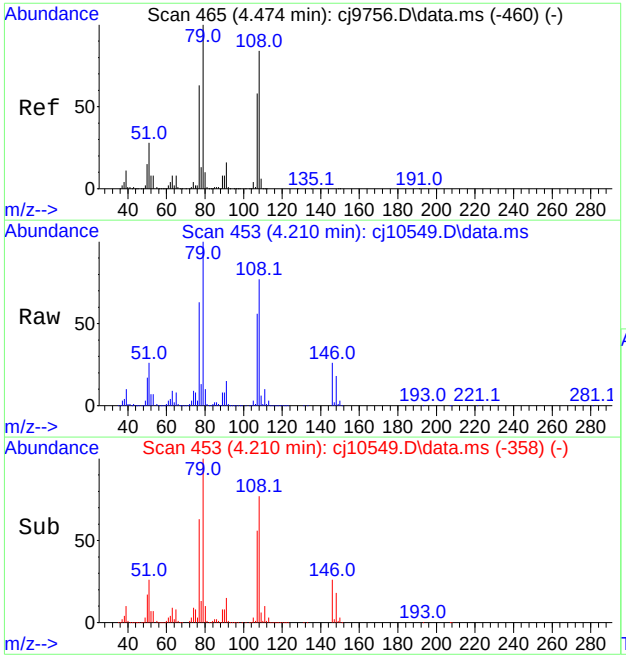


#15
1,4-Dichlorobenzene
Concen: 50.8417 ppm
RT: 4.108 min Scan# 434
Delta R.T. 0.000 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:146 Resp: 227445

Ion	Ratio	Lower	Upper
146	100		
148	63.7	34.5	94.5
113	14.1	0.0	43.3

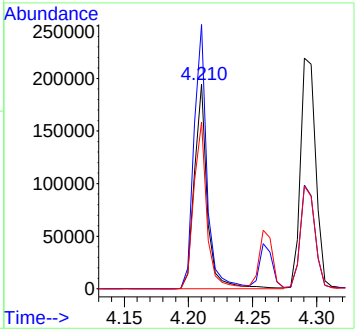


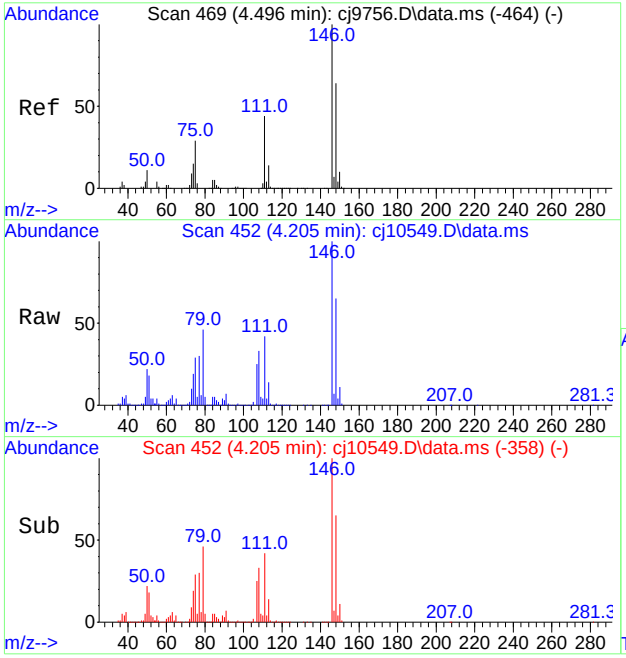


#16
Benzyl alcohol
Concen: 51.4607 ppm
RT: 4.210 min Scan# 453
Delta R.T. 0.007 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:108 Resp: 136291

Ion	Ratio	Lower	Upper
108	100		
79	129.1	80.9	140.9
77	81.3	38.3	98.3

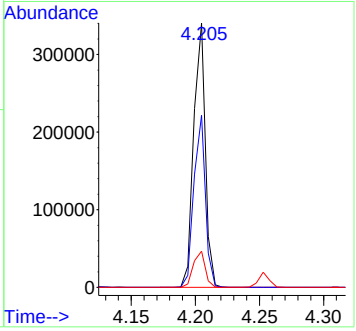


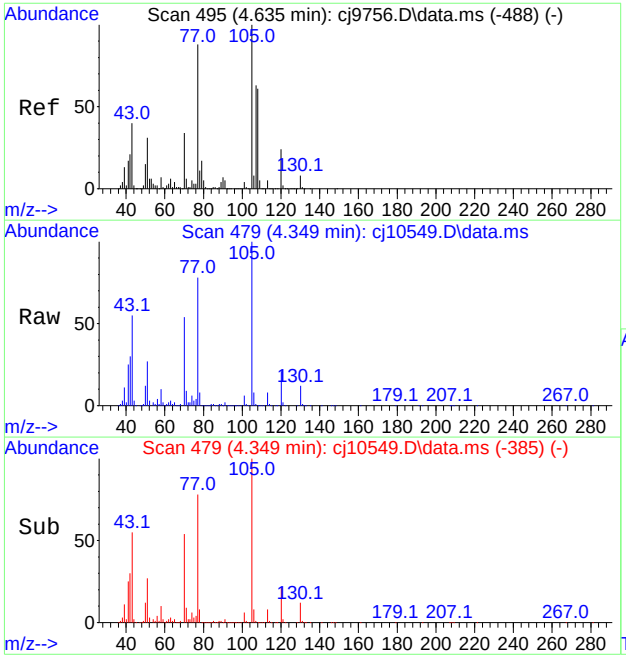


#17
1,2-Dichlorobenzene
Concen: 50.7668 ppm
RT: 4.205 min Scan# 452
Delta R.T. 0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:146 Resp: 214777

Ion	Ratio	Lower	Upper
146	100		
148	65.1	35.1	95.1
113	13.7	0.0	42.7

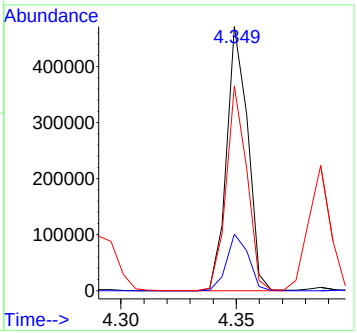


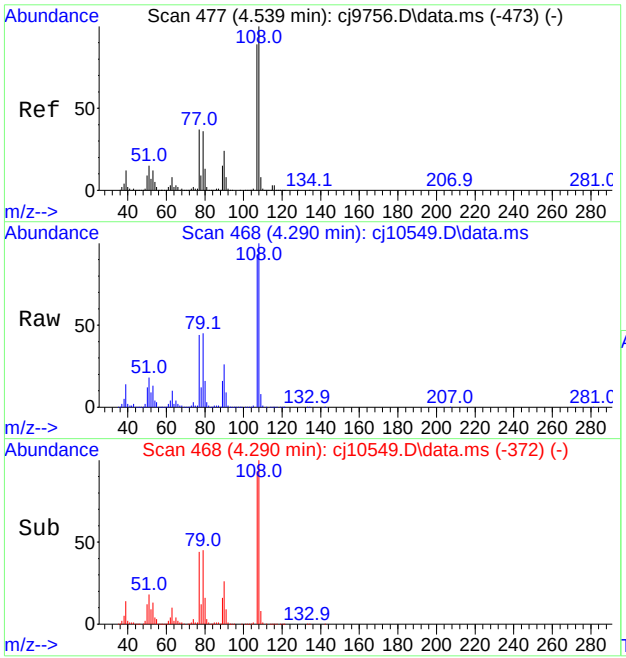


#18
Acetophenone
Concen: 53.2366 ppm
RT: 4.349 min Scan# 479
Delta R.T. 0.004 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:105 Resp: 301320

Ion	Ratio	Lower	Upper
105	100		
120	21.5	0.0	53.9
77	77.4	30.1	90.1

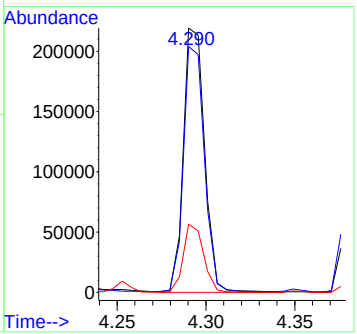


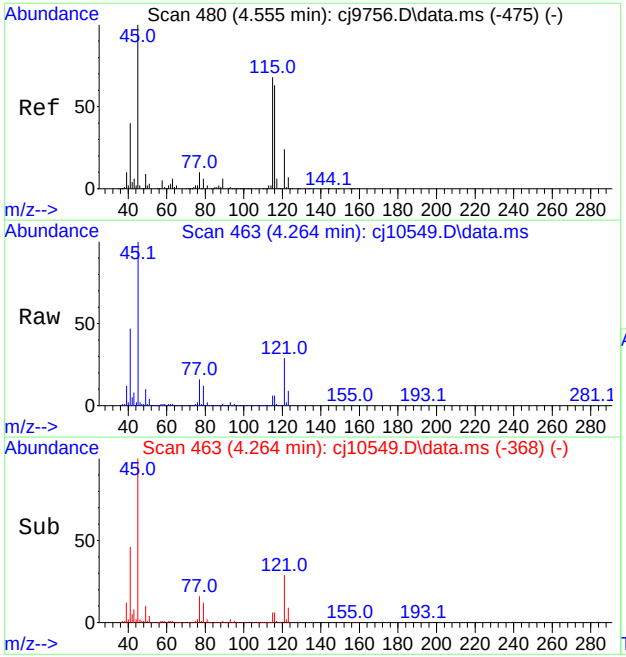


#19
2-Methylphenol
Concen: 51.8209 ppm
RT: 4.290 min Scan# 468
Delta R.T. 0.013 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:108 Resp: 183497

Ion	Ratio	Lower	Upper
108	100		
107	92.8	60.8	120.8
90	25.7	0.0	55.2

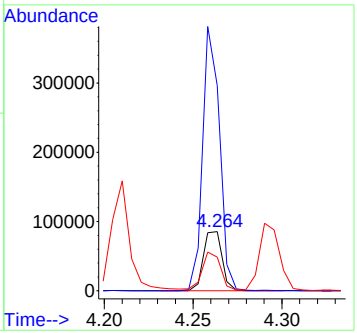


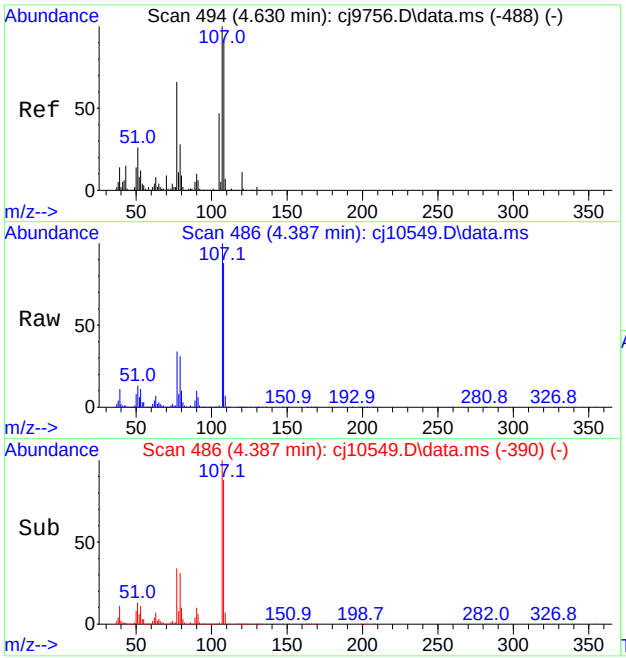


#20
2,2'-oxybis(1-Chloropropane
Concen: 49.5793 ppm
RT: 4.264 min Scan# 463
Delta R.T. 0.008 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:121 Resp: 62597

Ion	Ratio	Lower	Upper
121	100		
45	345.9	312.2	372.2
77	37.2	25.5	85.5

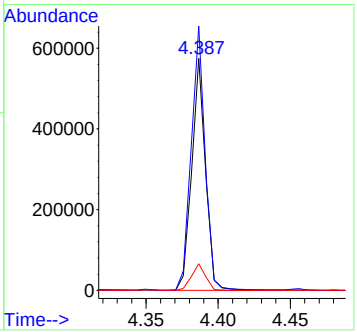


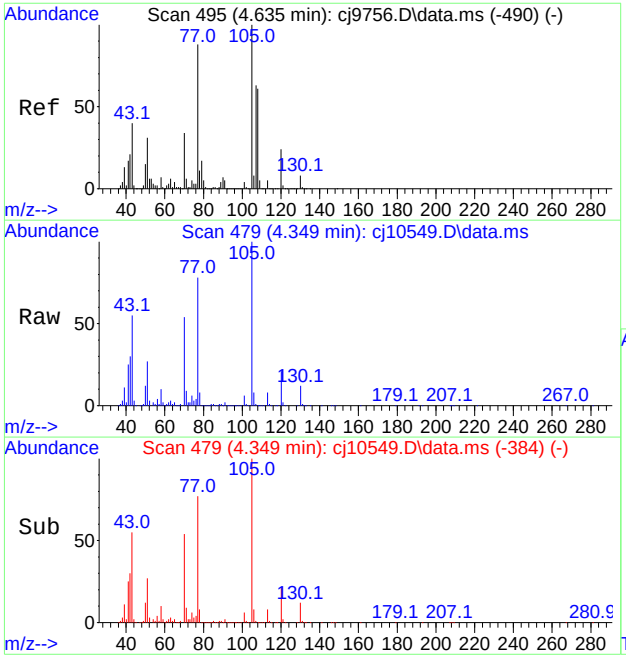


#21
3&4-Methylphenol
Concen: 102.8970 ppm
RT: 4.387 min Scan# 486
Delta R.T. 0.015 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:108 Resp: 381742

Ion	Ratio	Lower	Upper
108	100		
107	113.9	81.7	141.7
90	11.5	0.0	41.3

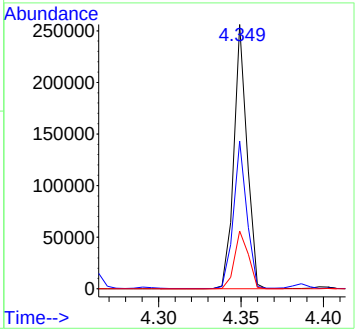


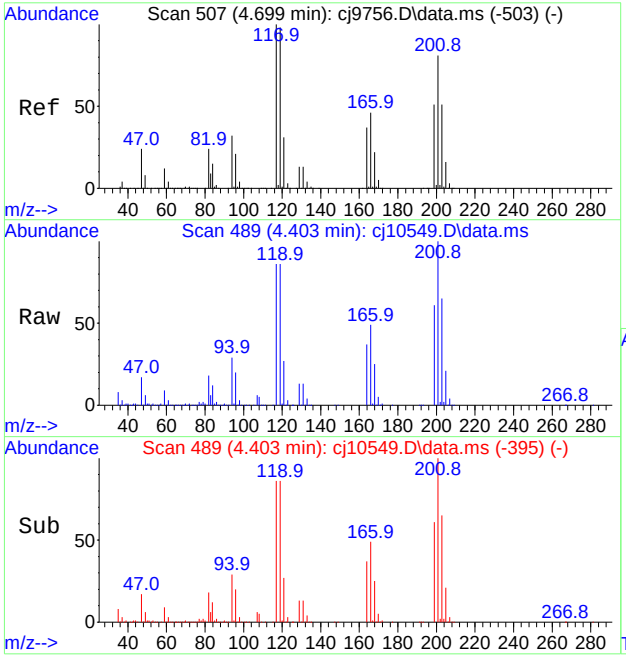


#22
n-Nitroso-di-n-propylamine
Concen: 51.6575 ppm
RT: 4.349 min Scan# 479
Delta R.T. 0.009 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 70 Resp: 142165

Ion	Ratio	Lower	Upper
70	100		
42	55.6	26.2	86.2
130	21.9	0.0	53.2

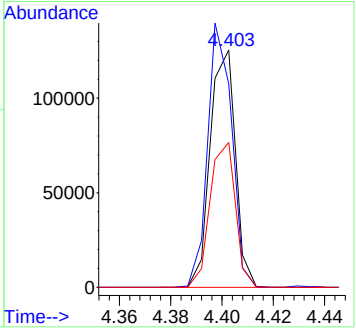


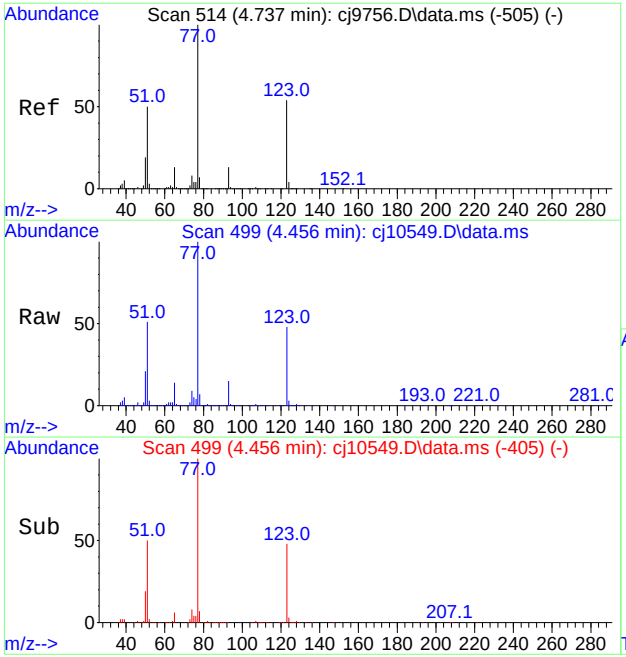


#23
Hexachloroethane
Concen: 58.1242 ppm
RT: 4.403 min Scan# 489
Delta R.T. 0.005 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:201 Resp: 86224

Ion	Ratio	Lower	Upper
201	100		
117	85.6	67.7	127.7
199	61.1	32.9	92.9

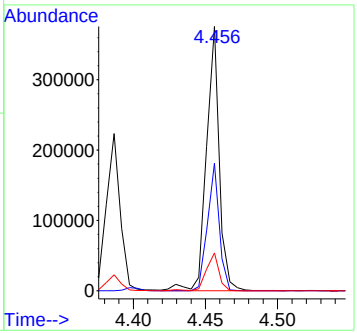


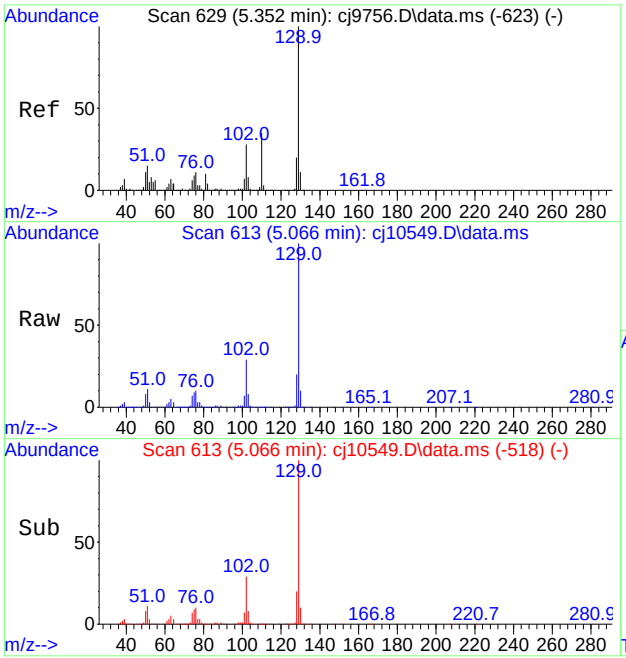


#26
Nitrobenzene
Concen: 54.9947 ppm
RT: 4.456 min Scan# 499
Delta R.T. 0.000 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 77 Resp: 230643

Ion	Ratio	Lower	Upper
77	100		
123	48.4	19.8	79.8
65	14.4	0.0	42.9

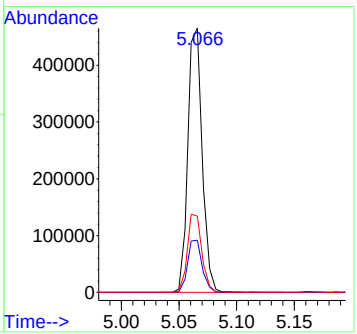


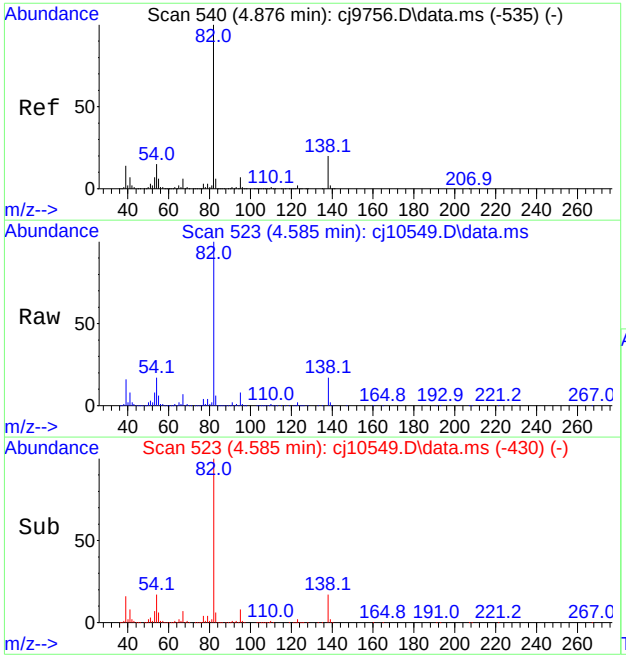


#27
Quinoline
Concen: 53.3879 ppm
RT: 5.066 min Scan# 613
Delta R.T. 0.008 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:129 Resp: 403276

Ion	Ratio	Lower	Upper
129	100		
128	19.8	0.0	49.7
102	28.9	0.0	55.8

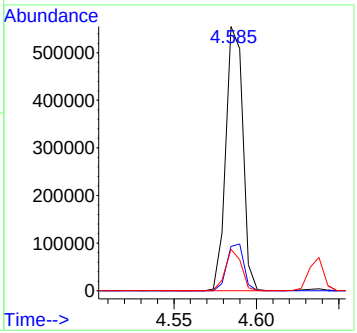


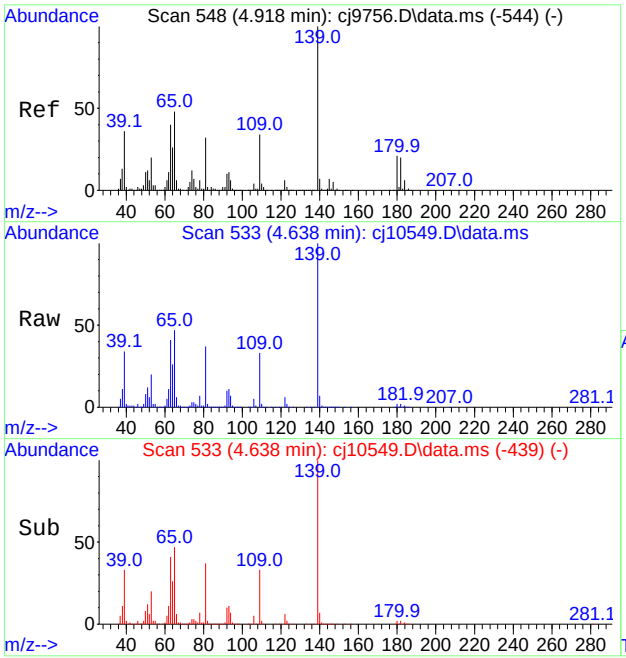


#28
Isophorone
Concen: 53.8818 ppm
RT: 4.585 min Scan# 523
Delta R.T. -0.003 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 82 Resp: 400527

Ion	Ratio	Lower	Upper
82	100		
138	16.8	0.0	50.8
39	15.7	0.0	43.9

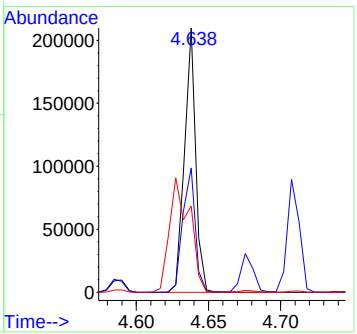


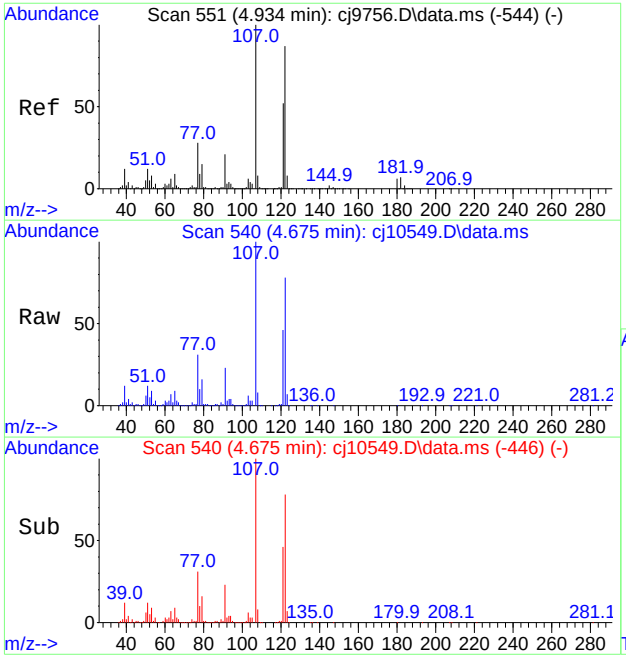


#29
2-Nitrophenol
Concen: 59.1817 ppm
RT: 4.638 min Scan# 533
Delta R.T. 0.003 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:139 Resp: 114335

Ion	Ratio	Lower	Upper
139	100		
65	43.2	13.8	73.8
109	31.8	0.0	58.6

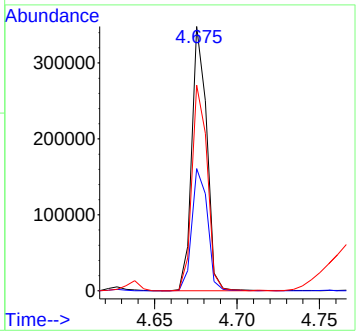


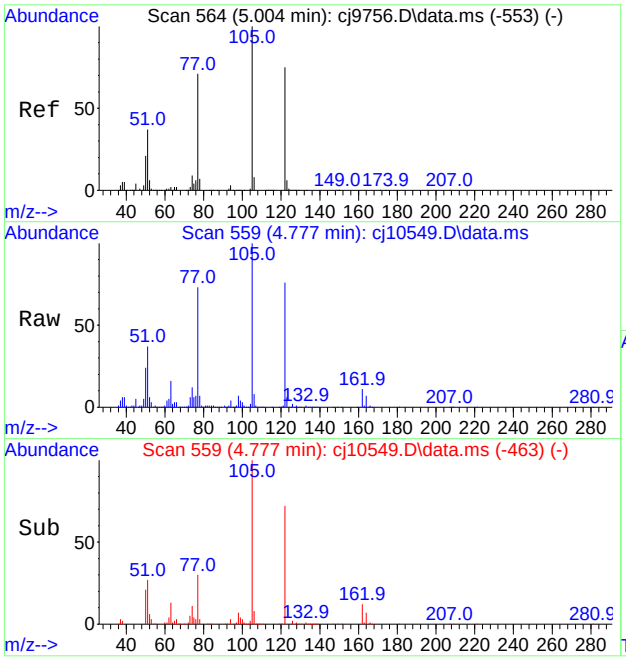


#30
2,4-Dimethylphenol
Concen: 55.2198 ppm
RT: 4.675 min Scan# 540
Delta R.T. 0.003 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:107 Resp: 221445

Ion	Ratio	Lower	Upper
107	100		
121	46.3	23.2	83.2
122	77.8	58.2	118.2

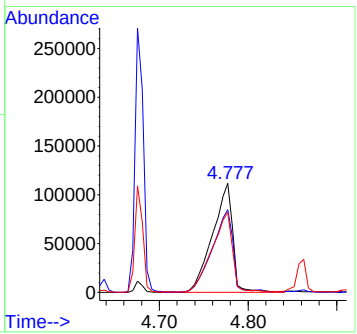


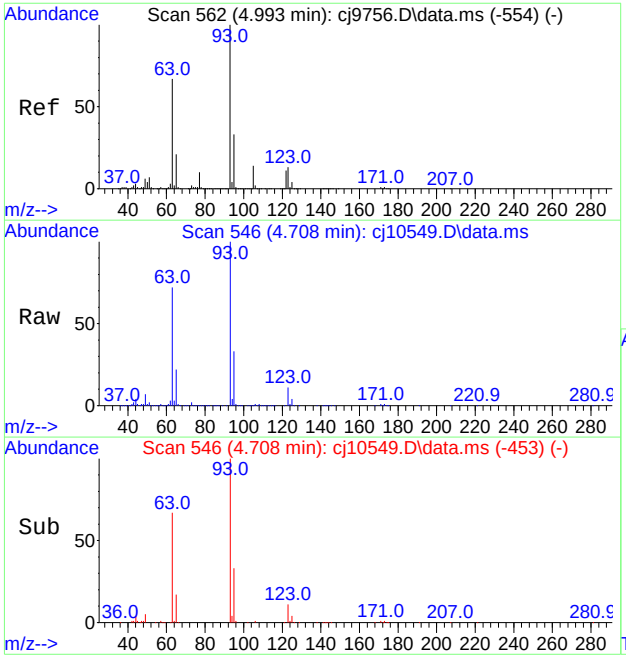


#31
Benzoic acid
Concen: 63.3326 ppm
RT: 4.777 min Scan# 559
Delta R.T. 0.015 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:105 Resp: 175639

Ion	Ratio	Lower	Upper
105	100		
122	75.4	51.3	111.3
77	72.8	40.1	100.1

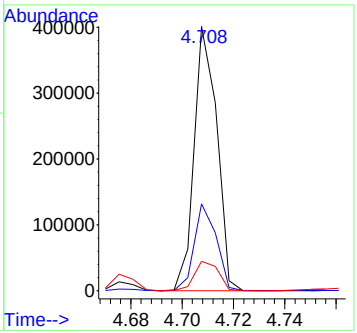


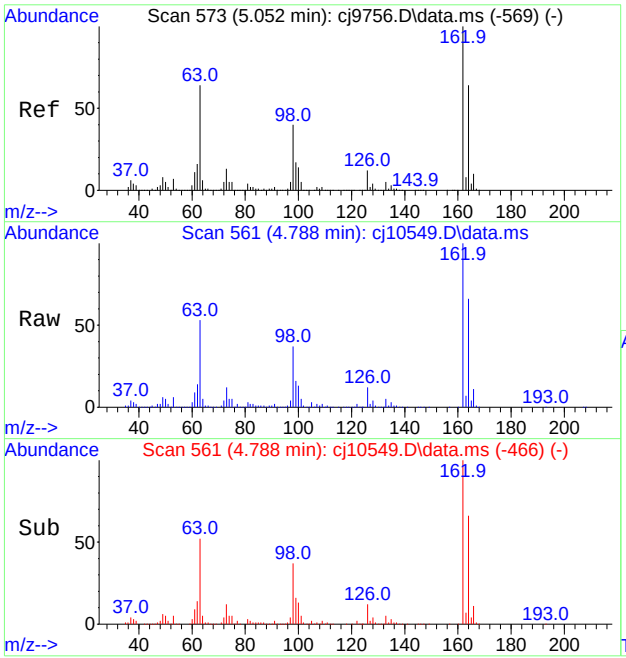


#32
bis(2-Chloroethoxy)methane
Concen: 51.3982 ppm
RT: 4.708 min Scan# 546
Delta R.T. -0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 93 Resp: 246636

Ion	Ratio	Lower	Upper
93	100		
95	32.9	3.2	63.2
123	11.0	0.0	43.0

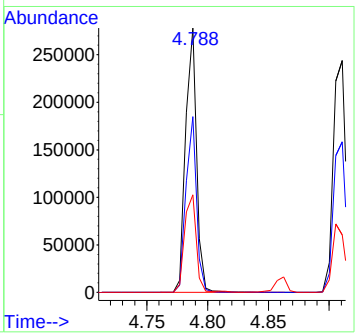


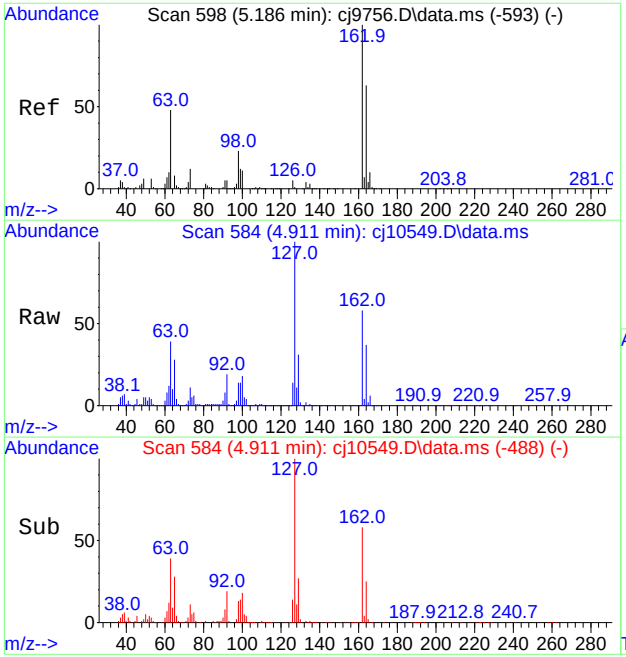


#33
2,4-Dichlorophenol
Concen: 55.3367 ppm
RT: 4.788 min Scan# 561
Delta R.T. 0.010 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:162 Resp: 175522

Ion	Ratio	Lower	Upper
162	100		
164	66.4	33.6	93.6
98	34.0	5.8	65.8

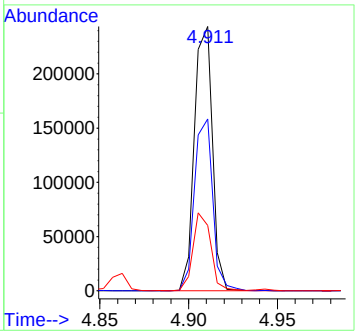


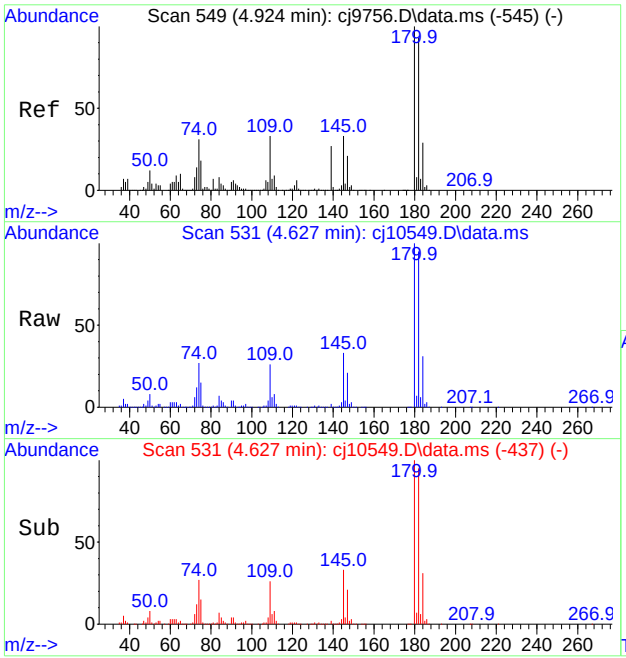


#34
2,6-Dichlorophenol
Concen: 54.4485 ppm
RT: 4.911 min Scan# 584
Delta R.T. 0.011 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:162 Resp: 172265

Ion	Ratio	Lower	Upper
162	100		
164	65.0	32.2	92.2
98	24.7	0.0	58.2

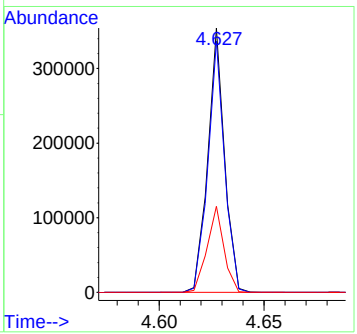


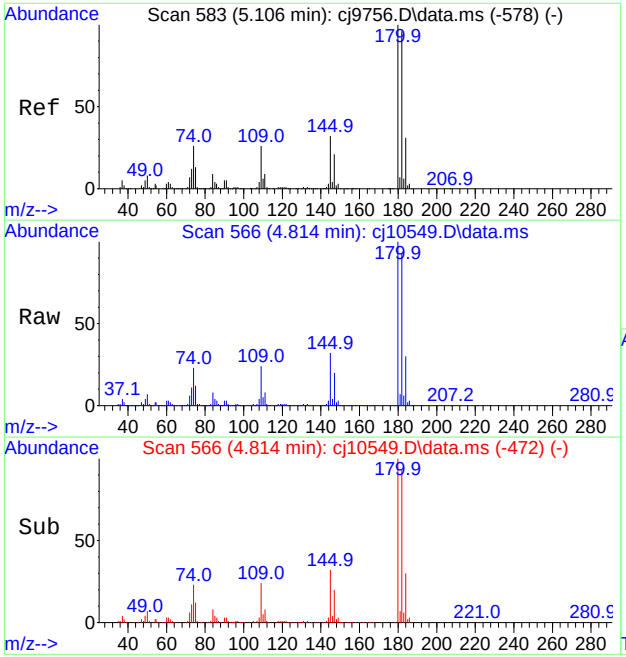


#35
1,3,5-Trichlorobenzene
Concen: 54.3264 ppm
RT: 4.627 min Scan# 531
Delta R.T. 0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:180 Resp: 196563

Ion	Ratio	Lower	Upper
180	100		
182	95.1	64.0	124.0
145	32.5	2.6	62.6

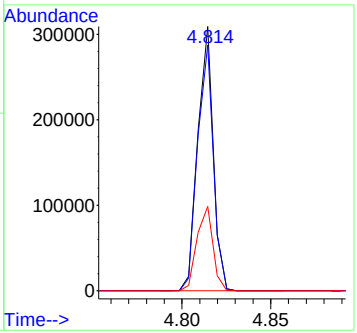


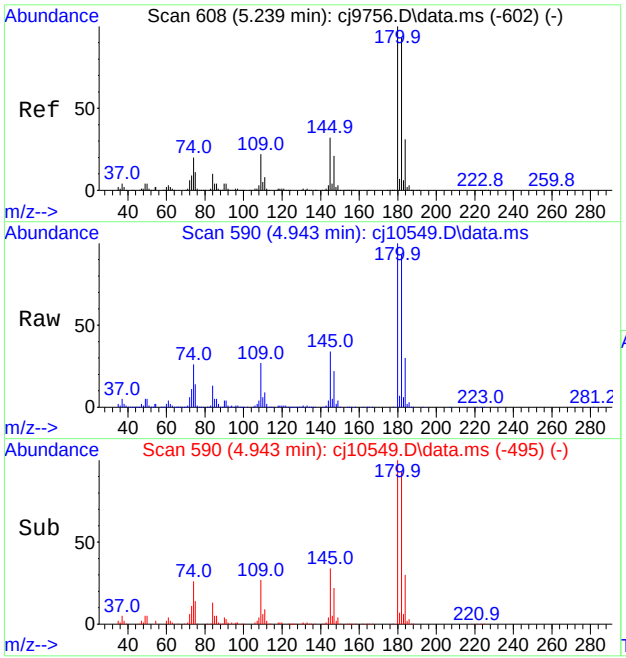


#36
1,2,4-Trichlorobenzene
Concen: 54.9425 ppm
RT: 4.814 min Scan# 566
Delta R.T. 0.005 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:180 Resp: 187020

Ion	Ratio	Lower	Upper
180	100		
182	93.0	64.7	124.7
145	31.9	2.6	62.6

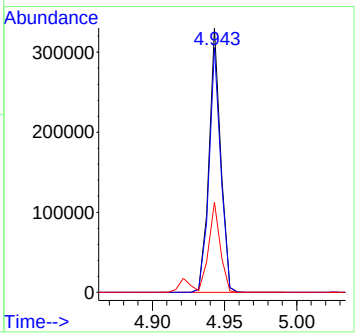


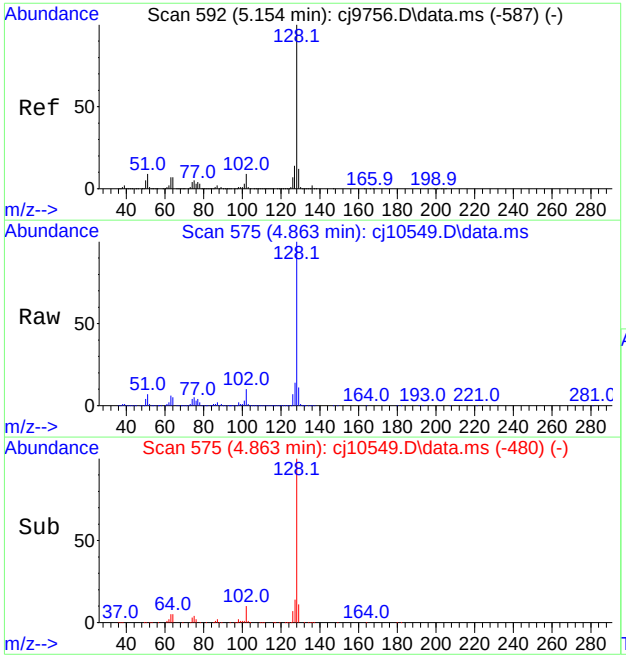


#37
1,2,3-Trichlorobenzene
Concen: 54.7230 ppm
RT: 4.943 min Scan# 590
Delta R.T. 0.007 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:180 Resp: 185619

Ion	Ratio	Lower	Upper
180	100		
182	92.6	65.7	125.7
145	34.1	6.8	66.8

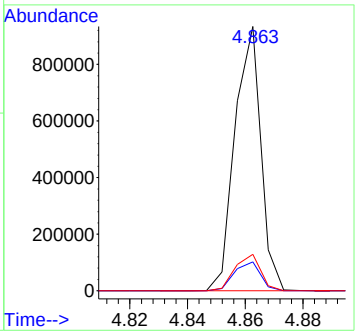


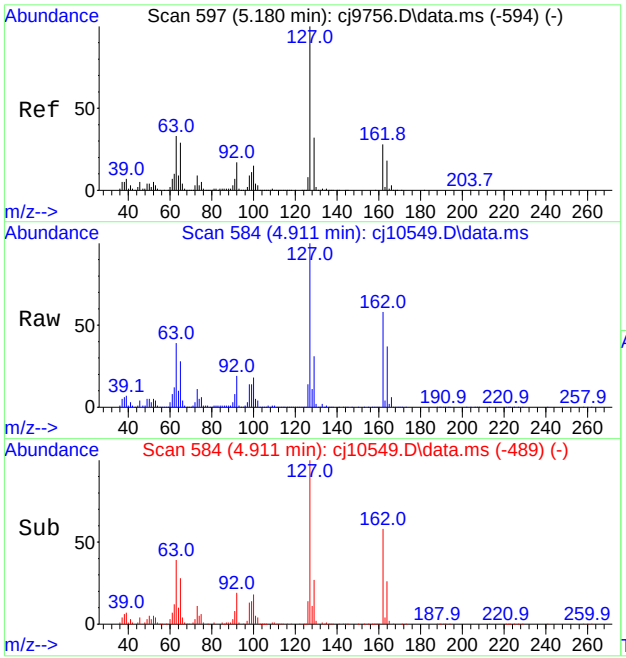


#38
Naphthalene
Concen: 50.2073 ppm
RT: 4.863 min Scan# 575
Delta R.T. 0.005 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:128 Resp: 584878

Ion	Ratio	Lower	Upper
128	100		
129	10.9	0.0	41.3
127	13.8	0.0	43.7

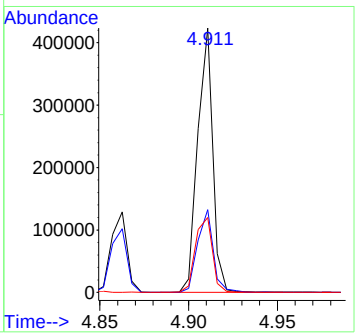


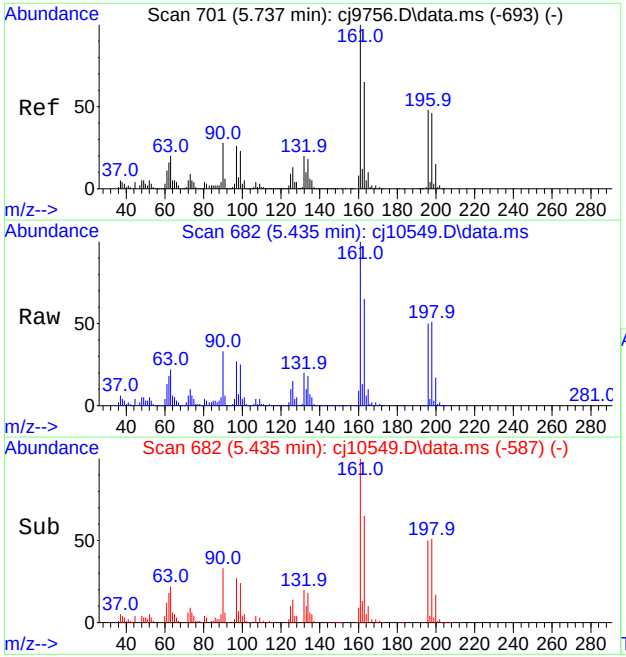


#39
4-Chloroaniline
Concen: 51.9798 ppm
RT: 4.911 min Scan# 584
Delta R.T. 0.006 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:127 Resp: 250000

Ion	Ratio	Lower	Upper
127	100		
129	31.3	3.8	63.8
65	28.3	0.0	53.6

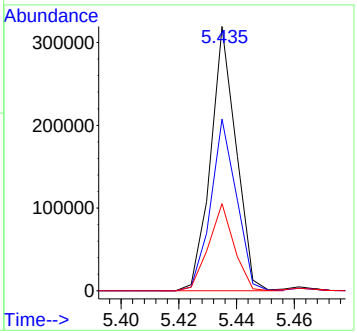


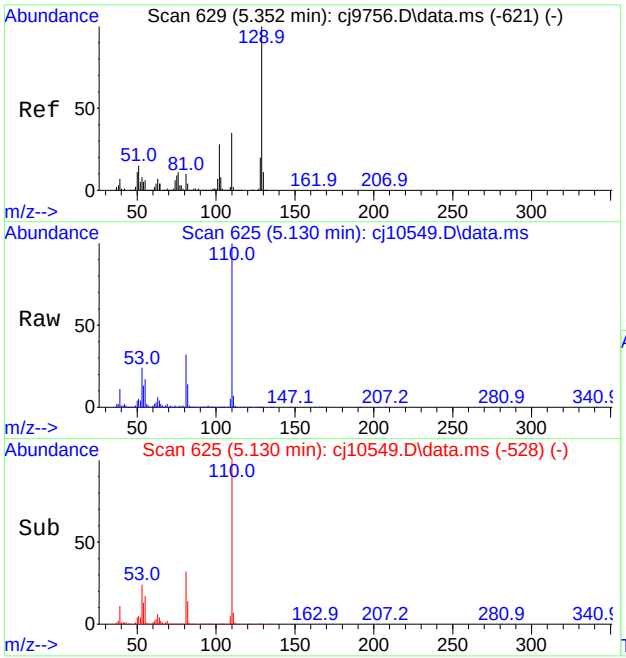


#40
2,3-Dichloroaniline
Concen: 53.6005 ppm
RT: 5.435 min Scan# 682
Delta R.T. 0.008 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:161 Resp: 196744

Ion	Ratio	Lower	Upper
161	100		
163	65.0	32.7	92.7
90	32.8	0.0	59.2

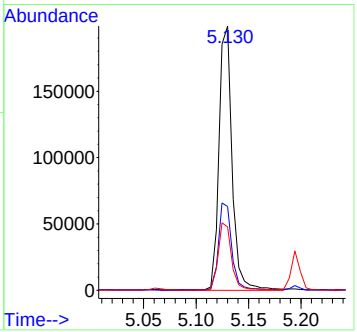


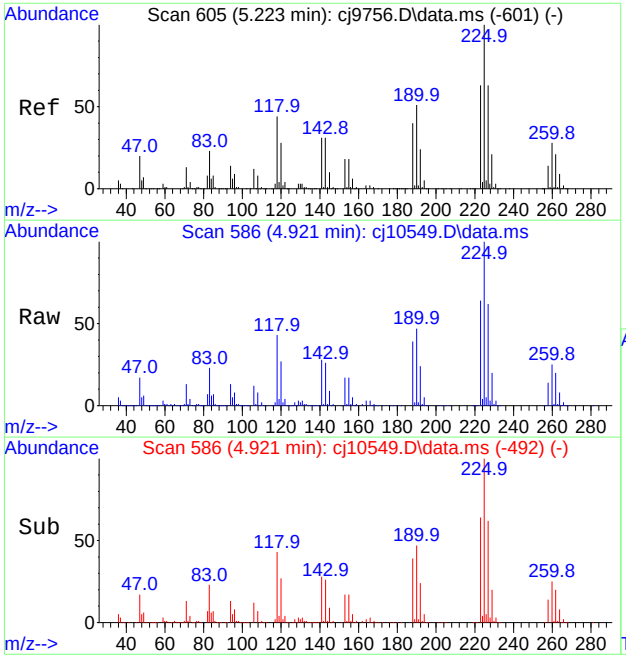


#41
Hydroquinone
Concen: 72.1737 ppm
RT: 5.130 min Scan# 625
Delta R.T. 0.020 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:110 Resp: 174150

Ion	Ratio	Lower	Upper
110	100		
81	31.6	0.0	58.8
53	23.5	0.0	48.7

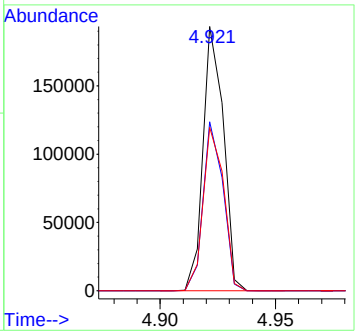


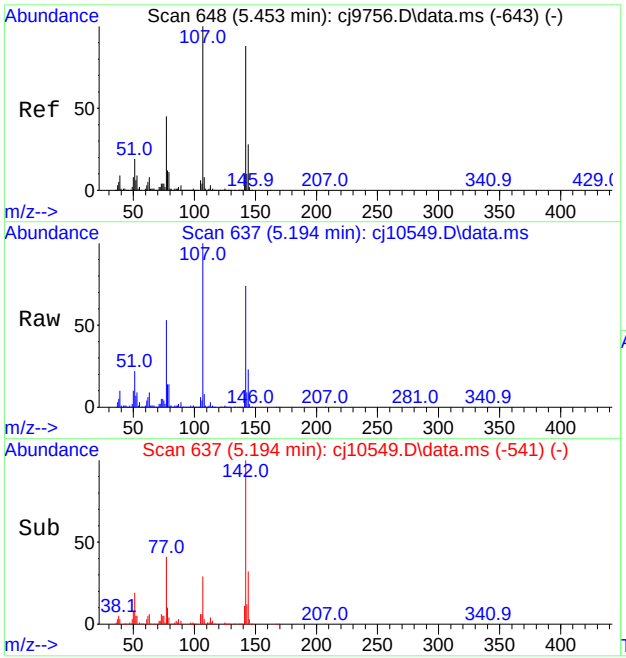


#42
Hexachlorobutadiene
Concen: 63.4824 ppm
RT: 4.921 min Scan# 586
Delta R.T. 0.001 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:225 Resp: 118963

Ion	Ratio	Lower	Upper
225	100		
223	63.9	35.9	95.9
227	61.9	36.0	96.0

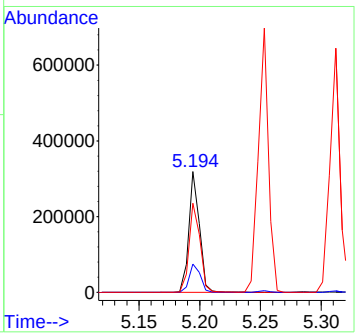


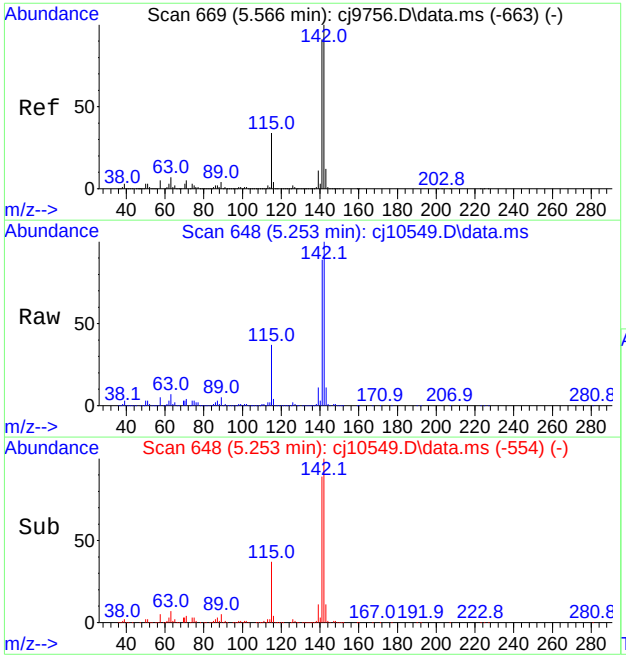


#43
4-Chloro-3-methylphenol
Concen: 59.0641 ppm
RT: 5.194 min Scan# 637
Delta R.T. 0.015 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:107 Resp: 194705

Ion	Ratio	Lower	Upper
107	100		
144	23.5	0.0	55.1
142	73.8	47.9	107.9

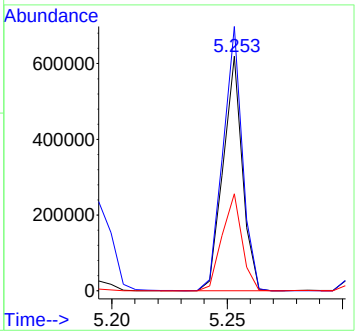


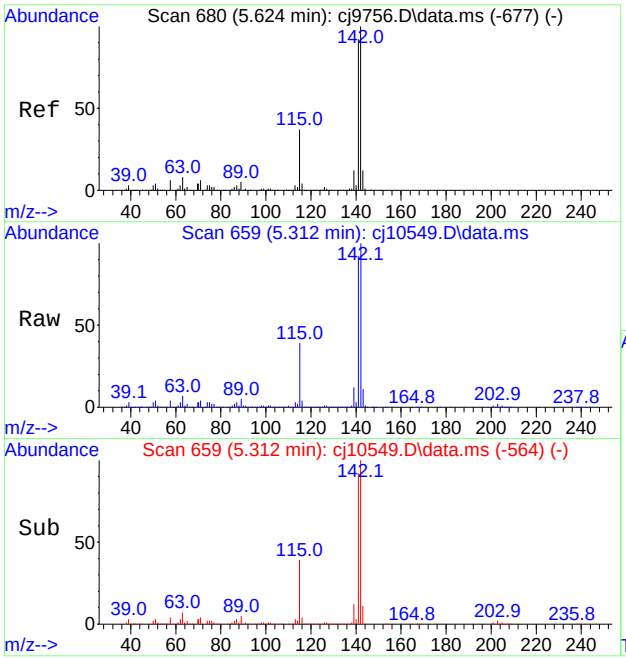


#44
2-Methylnaphthalene
Concen: 52.8765 ppm
RT: 5.253 min Scan# 648
Delta R.T. 0.005 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:141 Resp: 360417

Ion	Ratio	Lower	Upper
141	100		
142	112.6	80.5	140.5
115	41.3	8.3	68.3

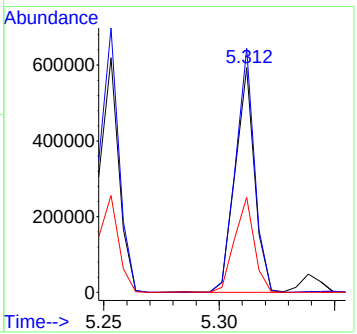


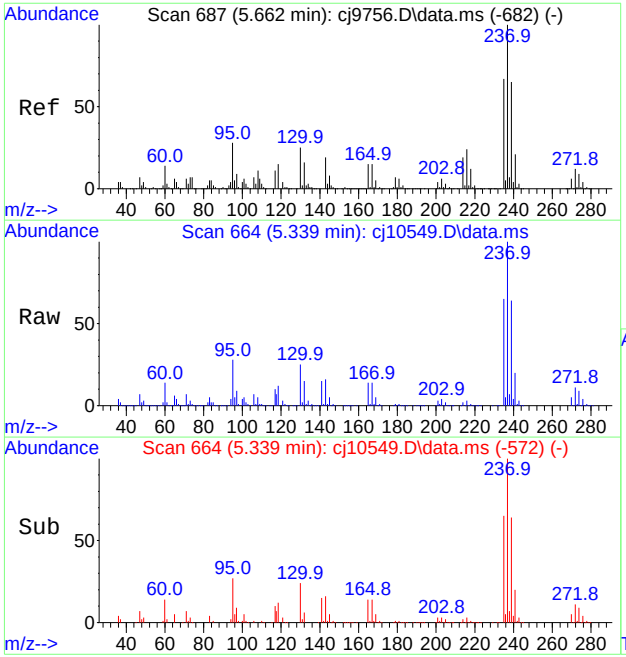


#45
1-Methylnaphthalene
Concen: 53.5617 ppm
RT: 5.312 min Scan# 659
Delta R.T. 0.006 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:141 Resp: 349140

Ion	Ratio	Lower	Upper
141	100		
142	108.7	76.3	136.3
115	42.3	8.4	68.4

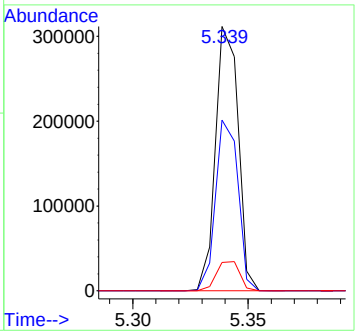


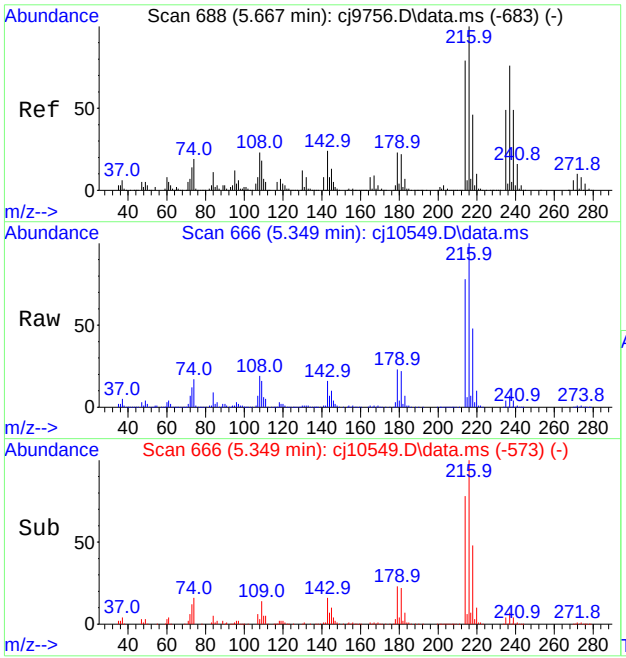


#47
Hexachlorocyclopentadiene
Concen: 111.9144 ppm
RT: 5.339 min Scan# 664
Delta R.T. -0.007 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:237 Resp: 213329

Ion	Ratio	Lower	Upper
237	100		
235	64.5	33.7	93.7
272	10.7	0.0	43.0

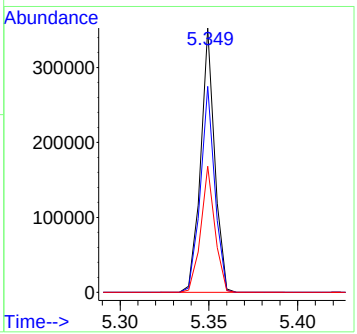


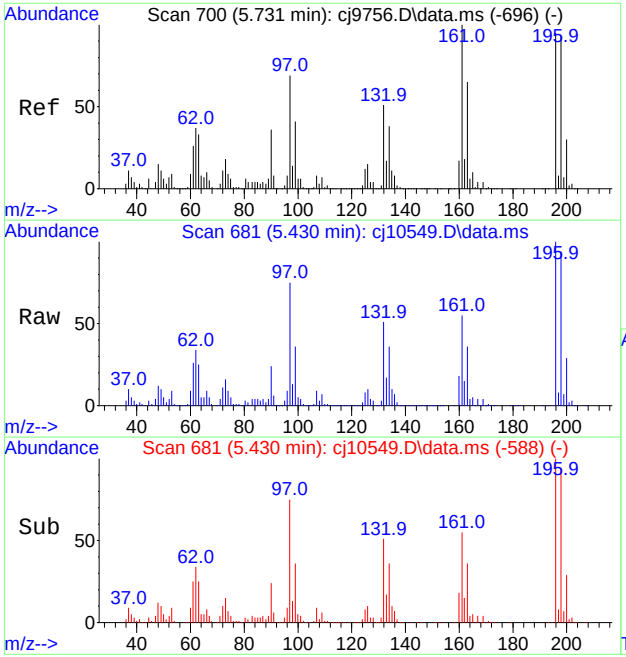


#48
1,2,4,5-tetrachlorobenzene
Concen: 57.4017 ppm
RT: 5.349 min Scan# 666
Delta R.T. -0.001 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:216 Resp: 193005

Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.2	93.4
218	47.9	37.7	56.5

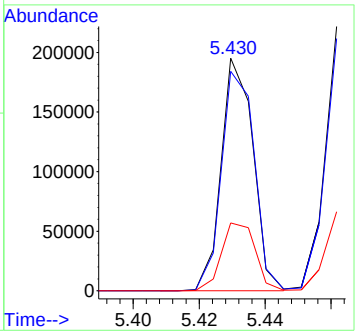


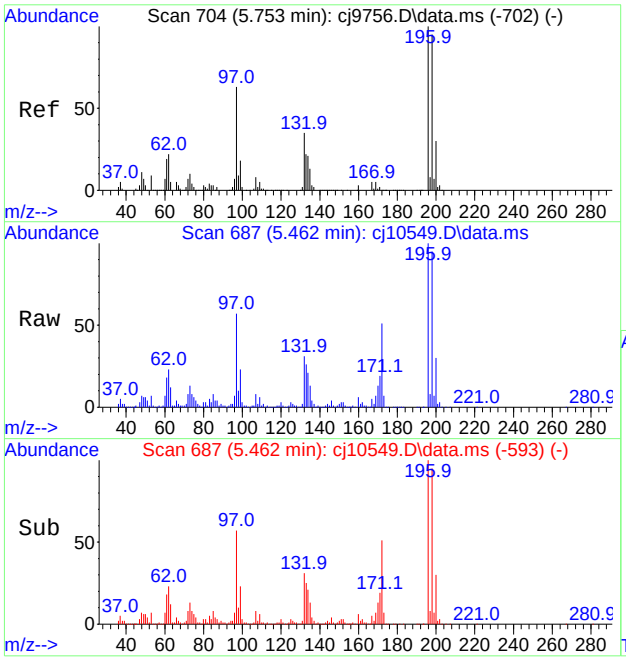


#49
2,4,6-Trichlorophenol
Concen: 55.3983 ppm
RT: 5.430 min Scan# 681
Delta R.T. -0.000 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:196 Resp: 131204

Ion	Ratio	Lower	Upper
196	100		
198	94.3	66.5	126.5
200	29.2	1.1	61.1

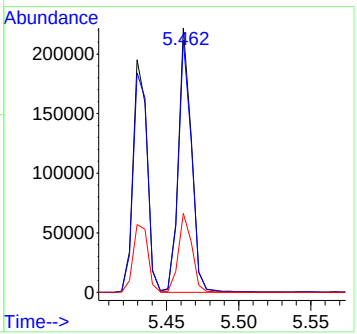


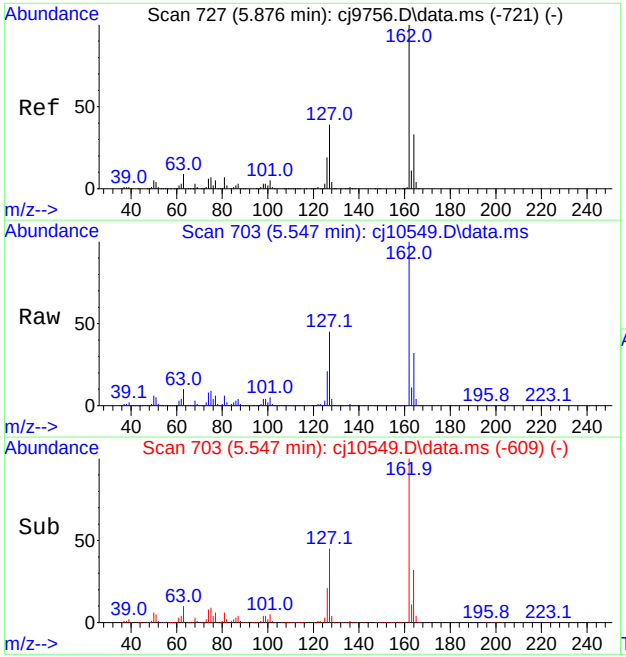


#50
2,4,5-Trichlorophenol
Concen: 59.7354 ppm
RT: 5.462 min Scan# 687
Delta R.T. 0.005 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:196 Resp: 141050

Ion	Ratio	Lower	Upper
196	100		
198	95.4	67.9	127.9
200	29.9	1.9	61.9

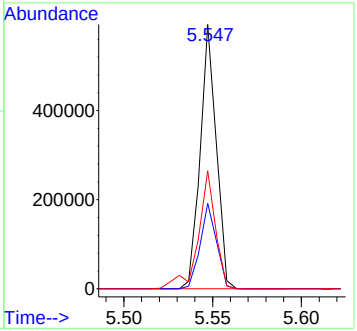


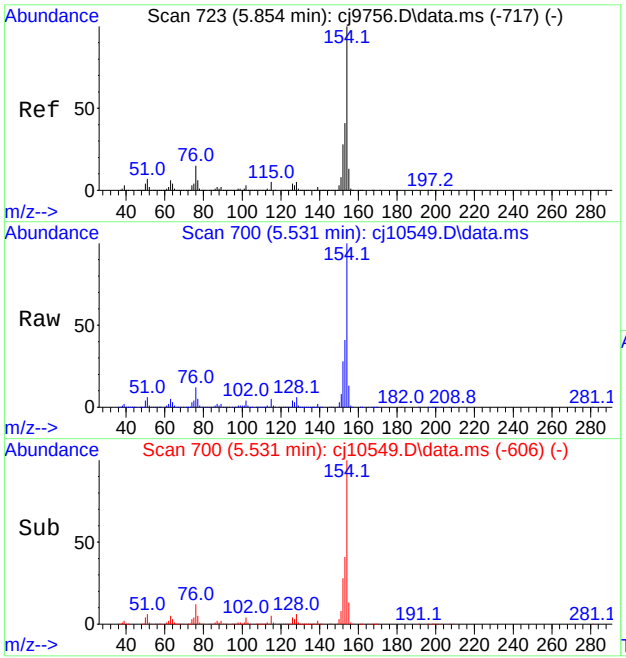


#52
2-Chloronaphthalene
Concen: 50.6678 ppm
RT: 5.547 min Scan# 703
Delta R.T. 0.001 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:162 Resp: 372282

Ion	Ratio	Lower	Upper
162	100		
164	32.3	2.3	62.3
127	44.6	12.3	72.3

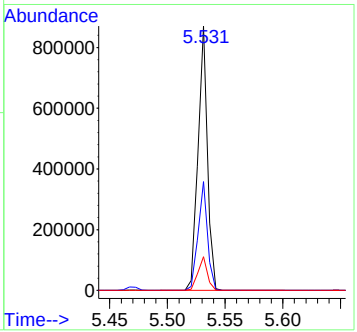


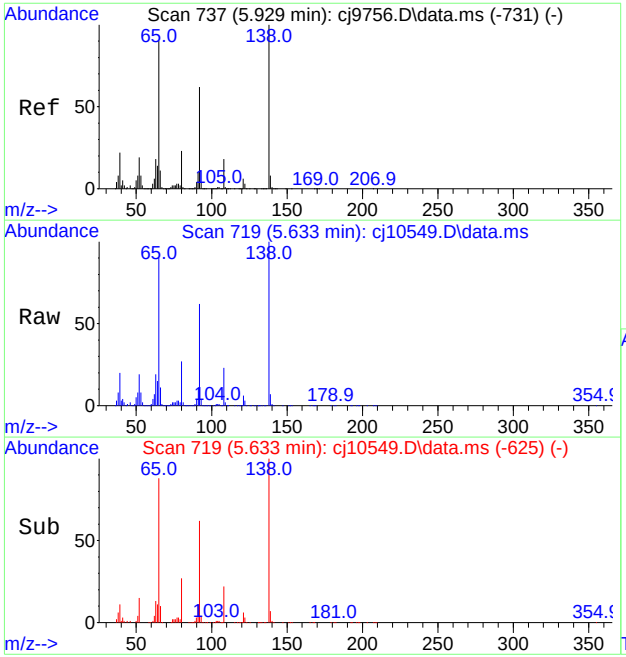


#53
Biphenyl
Concen: 51.3781 ppm
RT: 5.531 min Scan# 700
Delta R.T. 0.001 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:154 Resp: 495153

Ion	Ratio	Lower	Upper
154	100		
153	41.1	11.9	71.9
155	12.7	0.0	43.2

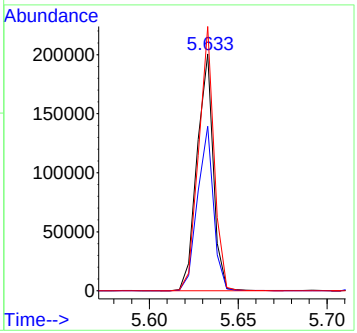


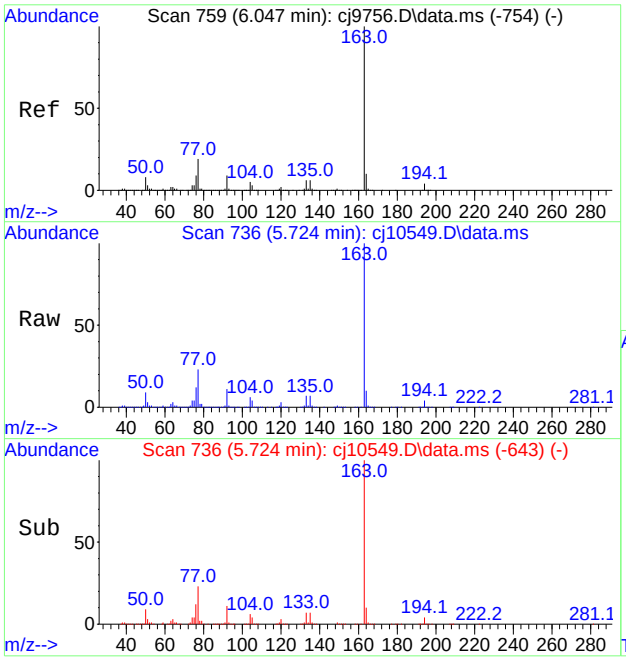


#54
2-Nitroaniline
Concen: 57.6226 ppm
RT: 5.633 min Scan# 719
Delta R.T. 0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 65 Resp: 127436

Ion	Ratio	Lower	Upper
65	100		
92	69.4	45.1	105.1
138	111.7	103.5	163.5

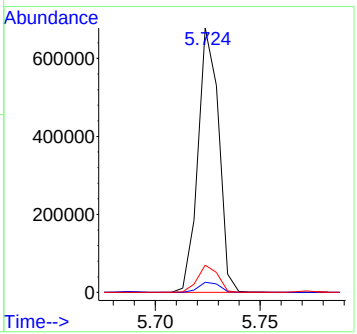


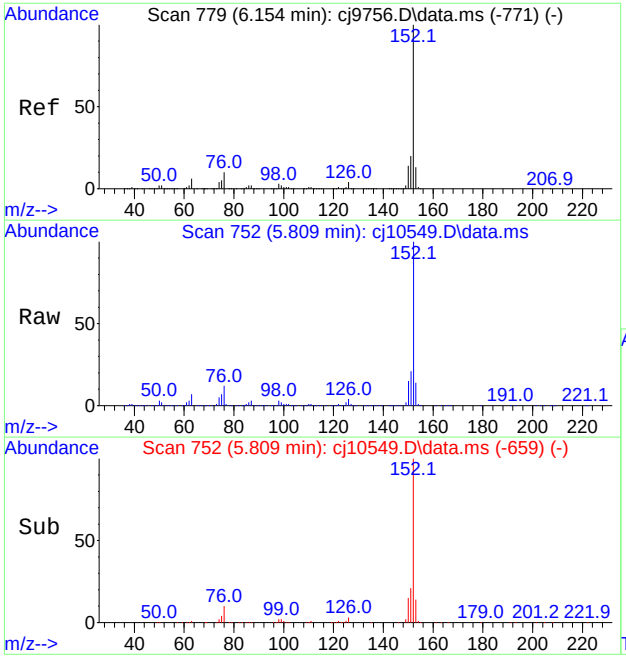


#55
Dimethylphthalate
Concen: 54.3431 ppm
RT: 5.724 min Scan# 736
Delta R.T. -0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:163 Resp: 467132

Ion	Ratio	Lower	Upper
163	100		
194	3.8	0.0	34.0
164	10.3	0.0	40.1

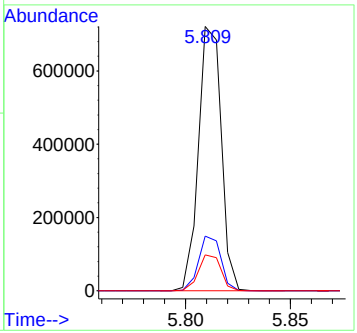


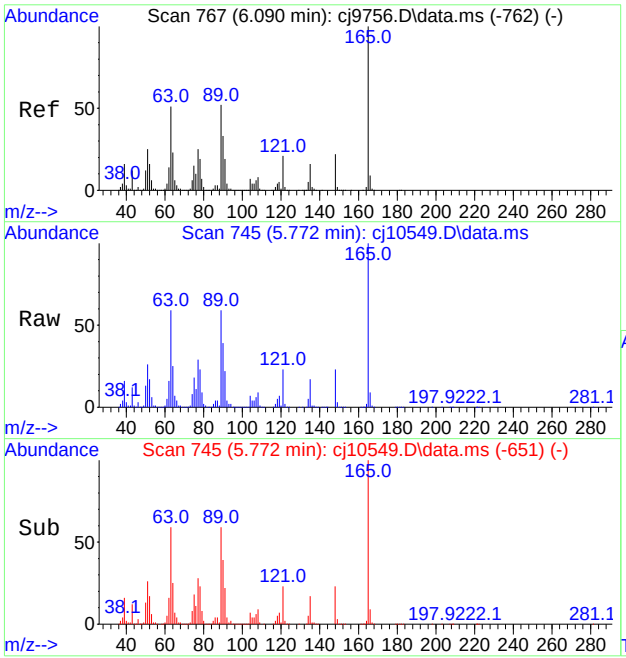


#56
Acenaphthylene
Concen: 51.3540 ppm
RT: 5.809 min Scan# 752
Delta R.T. -0.001 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:152 Resp: 546584

Ion	Ratio	Lower	Upper
152	100		
151	20.6	0.0	50.8
153	13.6	0.0	43.9

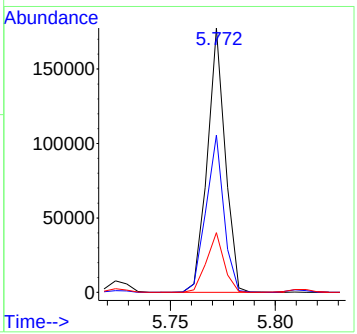


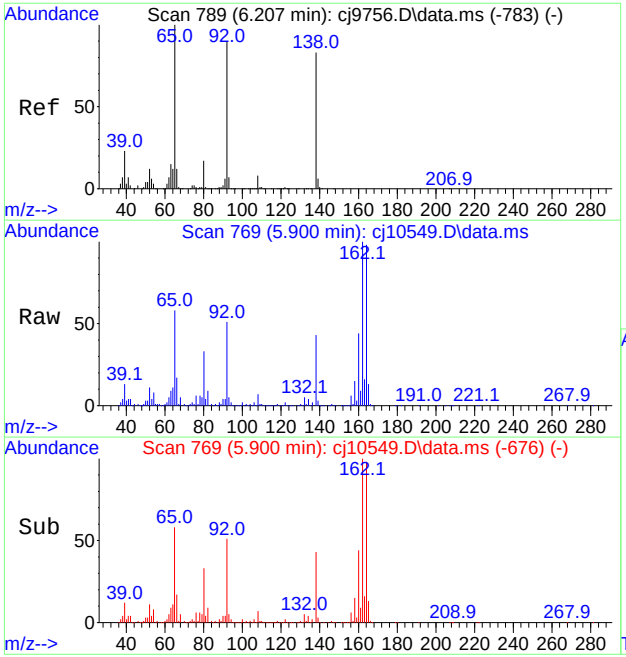


#57
2,6-Dinitrotoluene
Concen: 62.8123 ppm
RT: 5.772 min Scan# 745
Delta R.T. 0.004 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:165 Resp: 105403

Ion	Ratio	Lower	Upper
165	100		
89	59.3	30.4	90.4
121	22.4	0.0	52.7

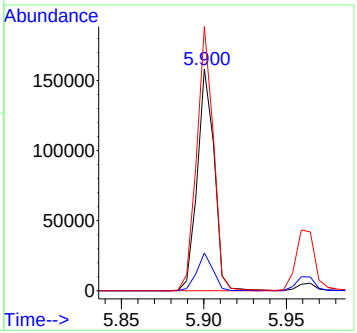


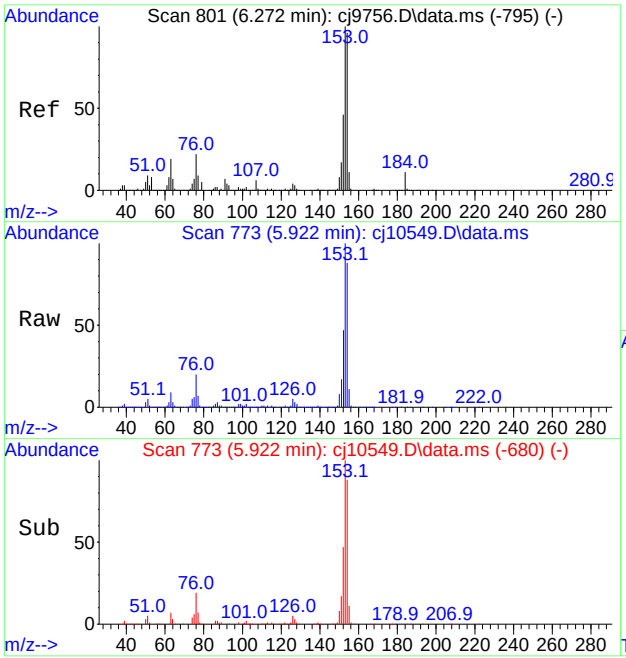


#58
3-Nitroaniline
Concen: 55.4690 ppm
RT: 5.900 min Scan# 769
Delta R.T. 0.000 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:138 Resp: 113398

Ion	Ratio	Lower	Upper
138	100		
108	17.1	0.0	44.0
92	119.1	68.8	128.8

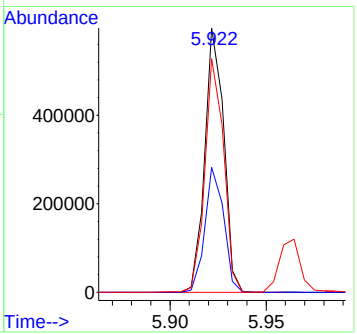


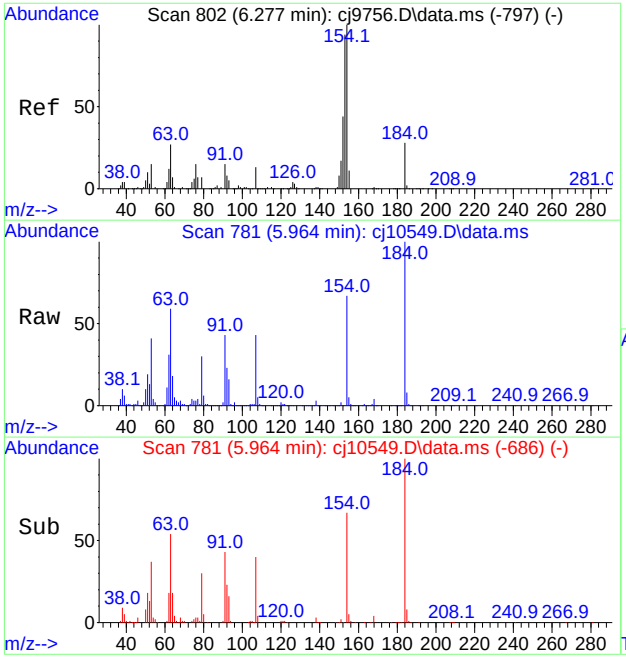


#59
Acenaphthene
Concen: 53.2225 ppm
RT: 5.922 min Scan# 773
Delta R.T. -0.005 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:153 Resp: 410617

Ion	Ratio	Lower	Upper
153	100		
152	47.2	16.8	76.8
154	79.3	47.7	107.7

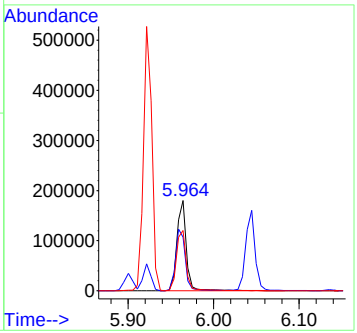


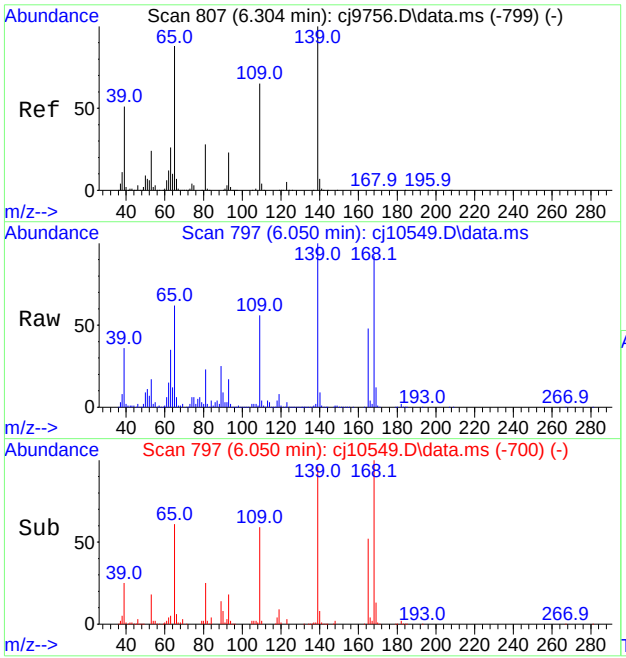


#60
2,4-Dinitrophenol
Concen: 132.4249 ppm
RT: 5.964 min Scan# 781
Delta R.T. 0.006 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:184 Resp: 138301

Ion	Ratio	Lower	Upper
184	100		
63	59.1	29.3	89.3
154	66.3	13.0	73.0

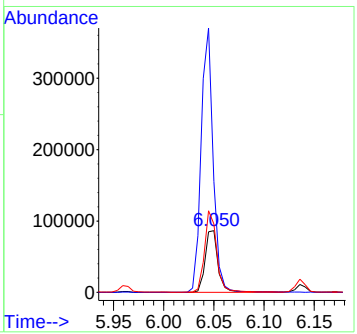


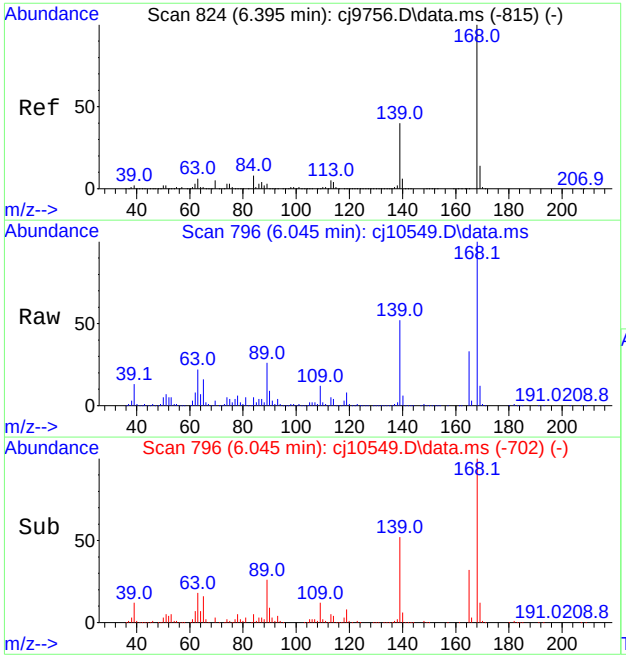


#61
4-Nitrophenol
Concen: 66.7693 ppm
RT: 6.050 min Scan# 797
Delta R.T. 0.018 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:109 Resp: 78335

Ion	Ratio	Lower	Upper
109	100		
139	180.5	151.5	211.5
65	110.9	91.9	151.9

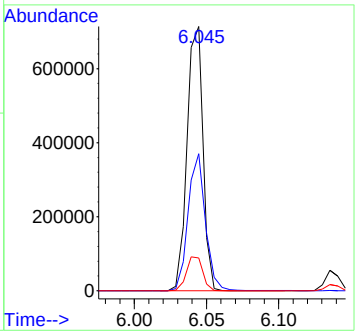


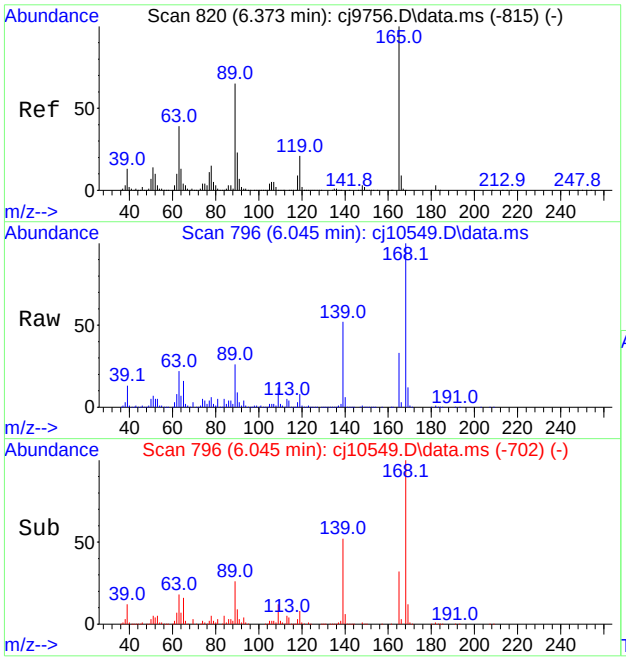


#62
Dibenzofuran
Concen: 52.9931 ppm
RT: 6.045 min Scan# 796
Delta R.T. 0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:168 Resp: 548993

Ion	Ratio	Lower	Upper
168	100		
139	51.8	10.9	70.9
169	12.4	0.0	43.2

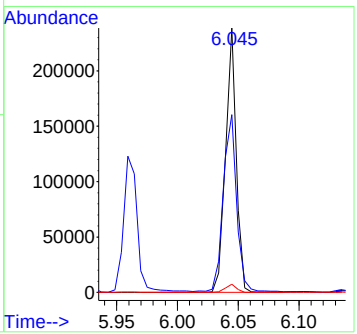


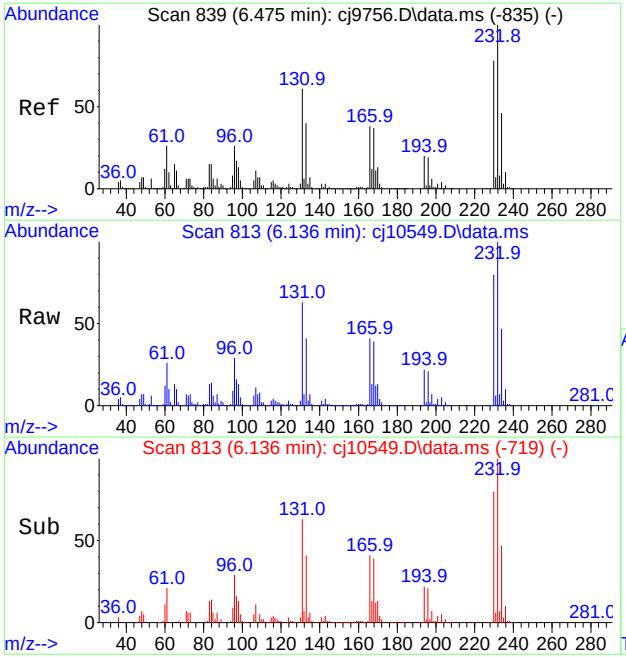


#63
2,4-Dinitrotoluene
Concen: 63.1781 ppm
RT: 6.045 min Scan# 796
Delta R.T. 0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:165 Resp: 147385

Ion	Ratio	Lower	Upper
165	100		
63	66.6	22.1	82.1
182	3.0	0.0	33.2

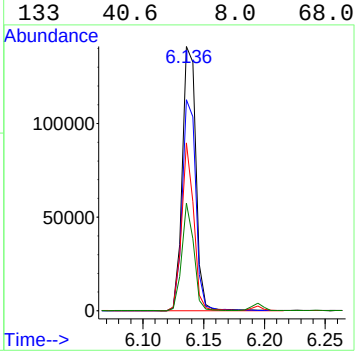


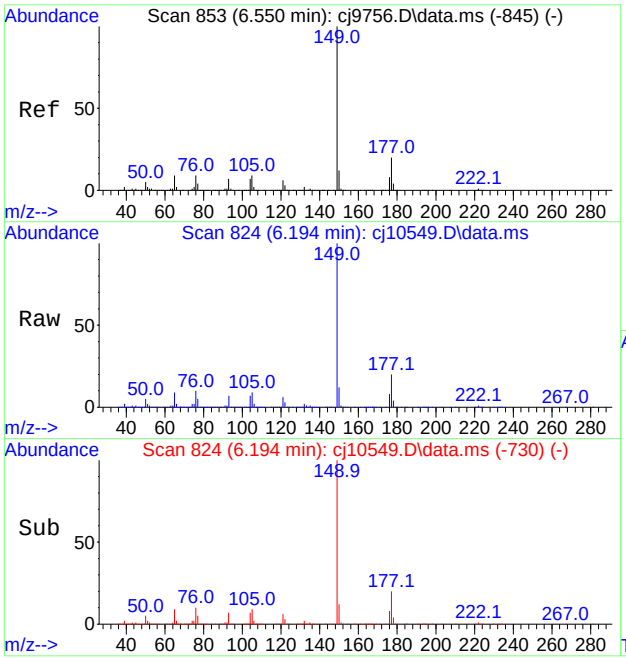


#64
2,3,4,6-Tetrachlorophenol
Concen: 58.6598 ppm
RT: 6.136 min Scan# 813
Delta R.T. 0.003 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:232 Resp: 110728

Ion	Ratio	Lower	Upper
232	100		
230	79.8	50.7	110.7
131	63.5	29.9	89.9
133	40.6	8.0	68.0

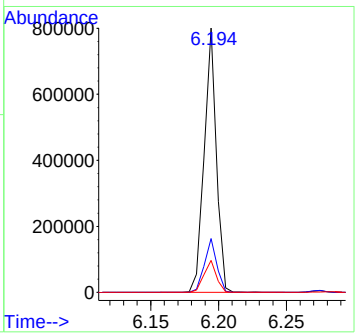


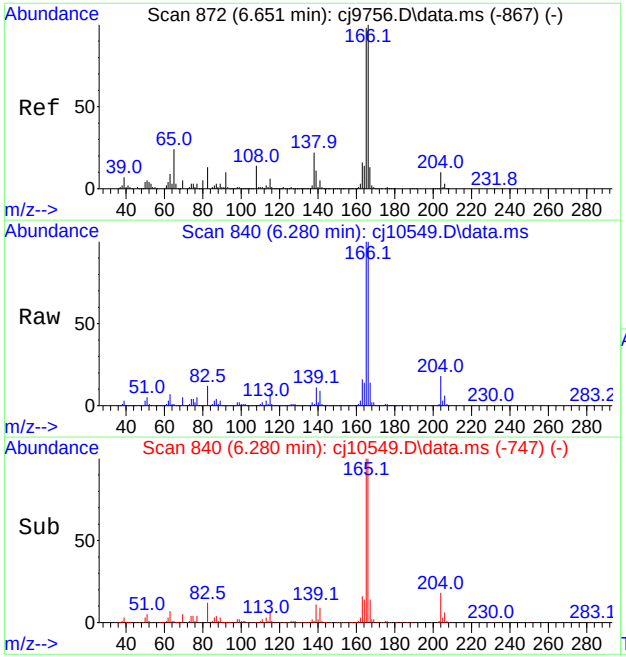


#65
Diethylphthalate
Concen: 55.9130 ppm
RT: 6.194 min Scan# 824
Delta R.T. 0.003 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:149 Resp: 498265

Ion	Ratio	Lower	Upper
149	100		
177	20.4	0.0	49.8
150	12.1	0.0	41.9

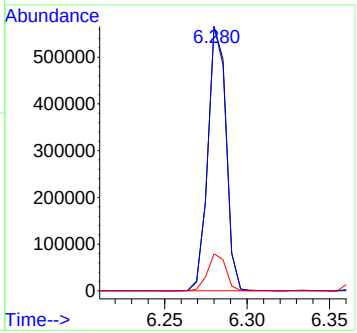


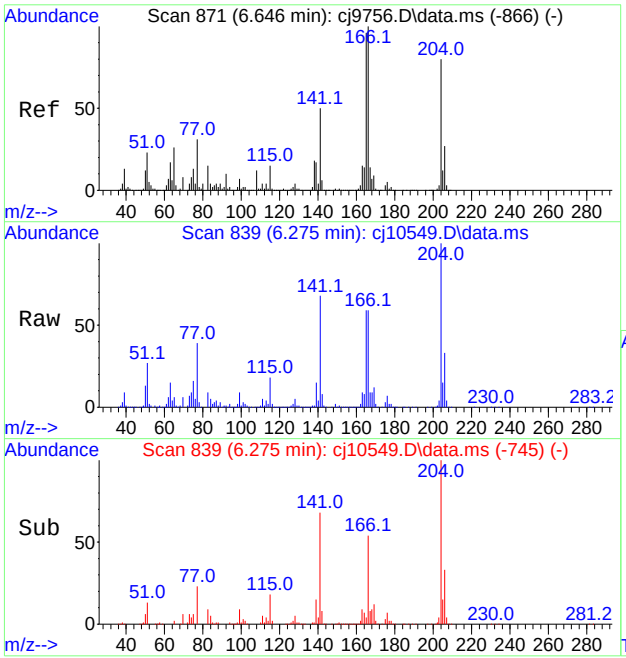


#66
Fluorene
Concen: 52.6458 ppm
RT: 6.280 min Scan# 840
Delta R.T. -0.001 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:166 Resp: 435913

Ion	Ratio	Lower	Upper
166	100		
165	100.0	70.2	130.2
167	14.0	0.0	43.8

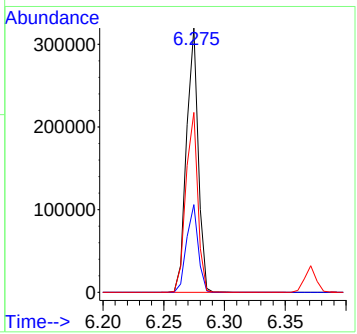


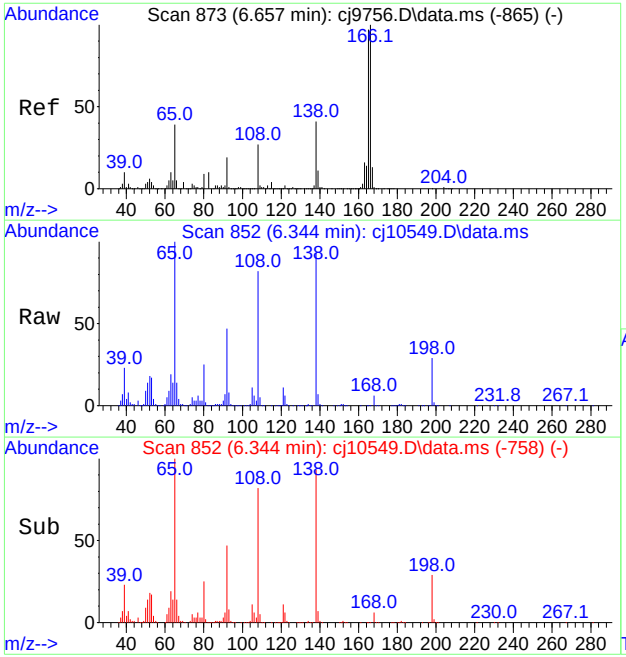


#67
4-Chlorophenyl-phenylether
Concen: 57.3771 ppm
RT: 6.275 min Scan# 839
Delta R.T. 0.004 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:204 Resp: 213084

Ion	Ratio	Lower	Upper
204	100		
206	33.2	2.7	62.7
141	68.1	40.2	100.2

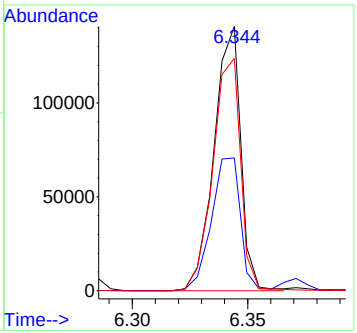


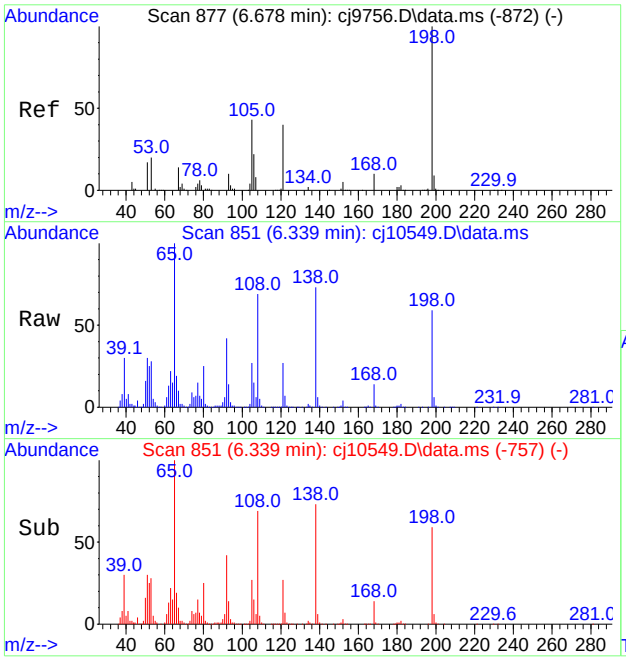


#68
4-Nitroaniline
Concen: 53.2048 ppm
RT: 6.344 min Scan# 852
Delta R.T. 0.005 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:138 Resp: 113781

Ion	Ratio	Lower	Upper
138	100		
92	48.8	13.7	73.7
108	87.9	41.9	101.9

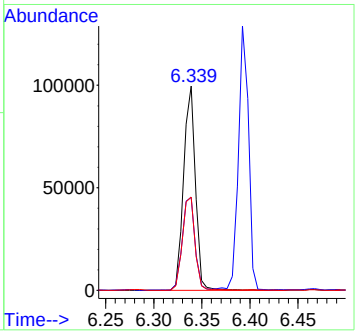


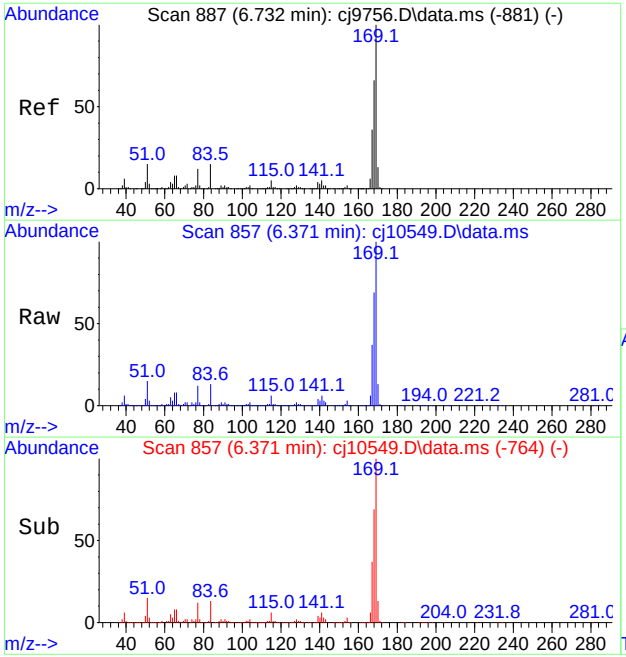


#70
4,6-Dinitro-2-methylphenol
Concen: 59.9161 ppm
RT: 6.339 min Scan# 851
Delta R.T. 0.003 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:198 Resp: 85854

Ion	Ratio	Lower	Upper
198	100		
105	45.4	14.7	74.7
121	45.6	12.6	72.6

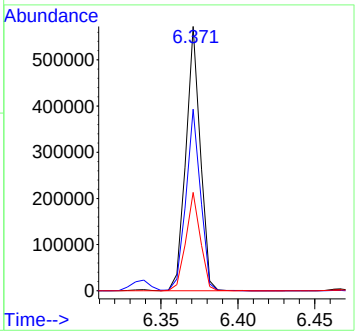


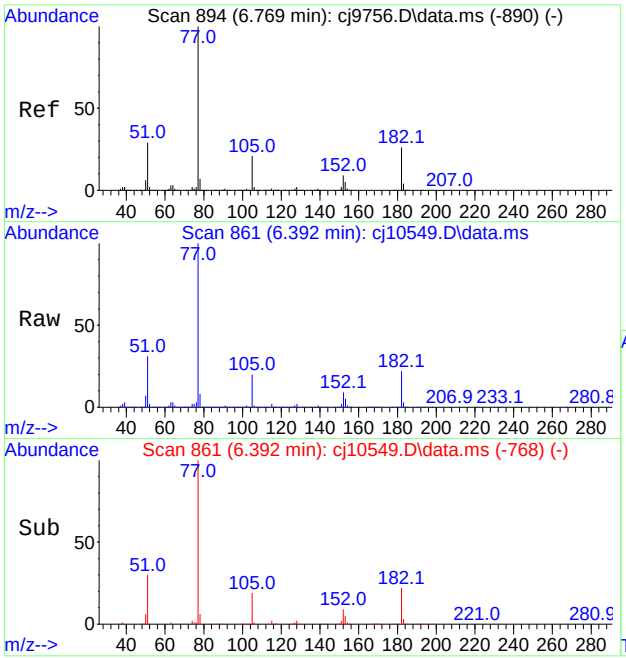


#71
n-Nitrosodiphenylamine
Concen: 49.2669 ppm
RT: 6.371 min Scan# 857
Delta R.T. -0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:169 Resp: 374932

Ion	Ratio	Lower	Upper
169	100		
168	68.6	37.6	97.6
167	37.2	7.7	67.7

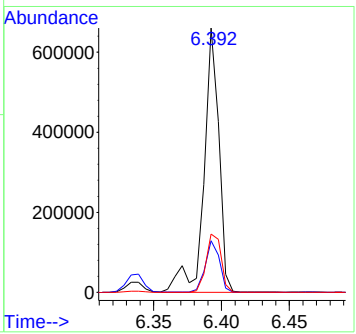


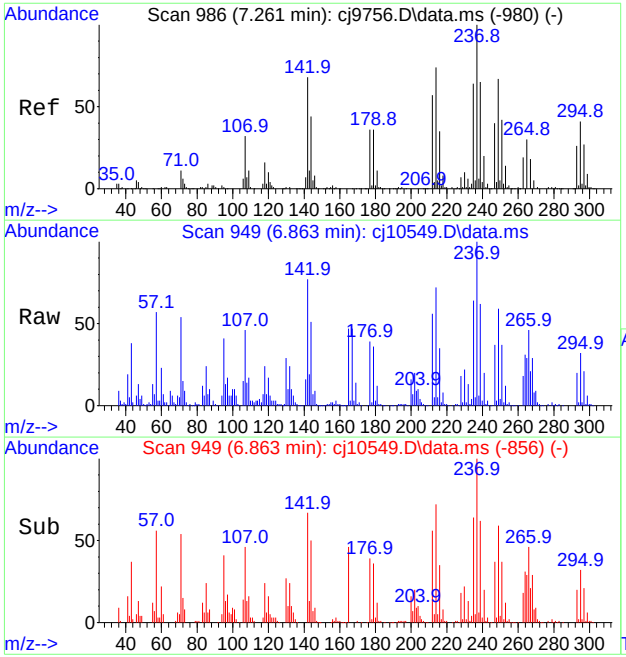


#72
1,2-Diphenylhydrazine
Concen: 54.6261 ppm
RT: 6.392 min Scan# 861
Delta R.T. -0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 77 Resp: 506763

Ion	Ratio	Lower	Upper
77	100		
105	19.4	0.0	51.0
182	22.0	0.0	55.4

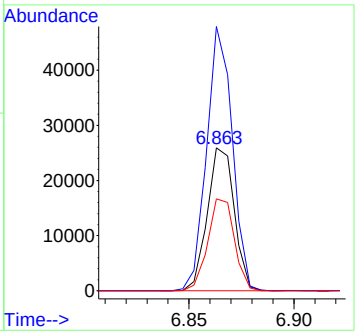


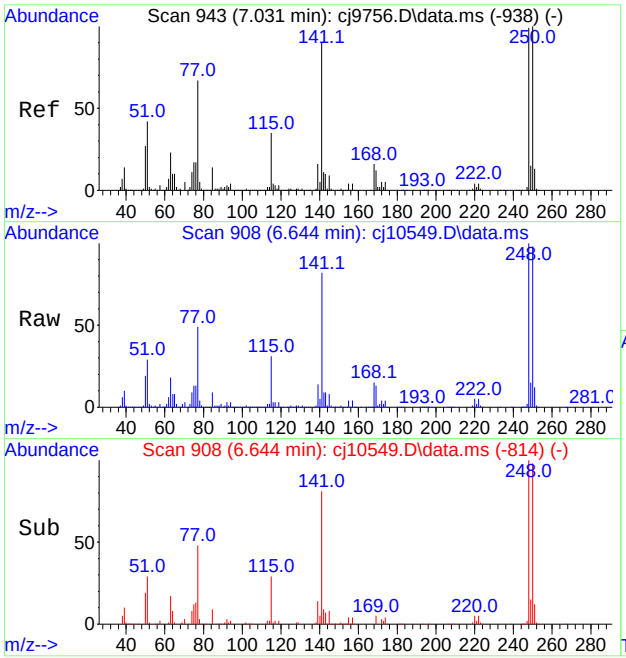


#73
pentachloronitrobenzene
Concen: 61.3314 ppm
RT: 6.863 min Scan# 949
Delta R.T. -0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:295 Resp: 23188

Ion	Ratio	Lower	Upper
295	100		
249	176.1	135.0	202.4
297	63.5	51.4	77.0

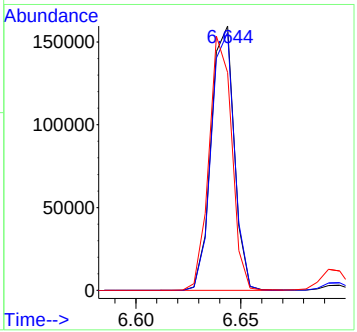


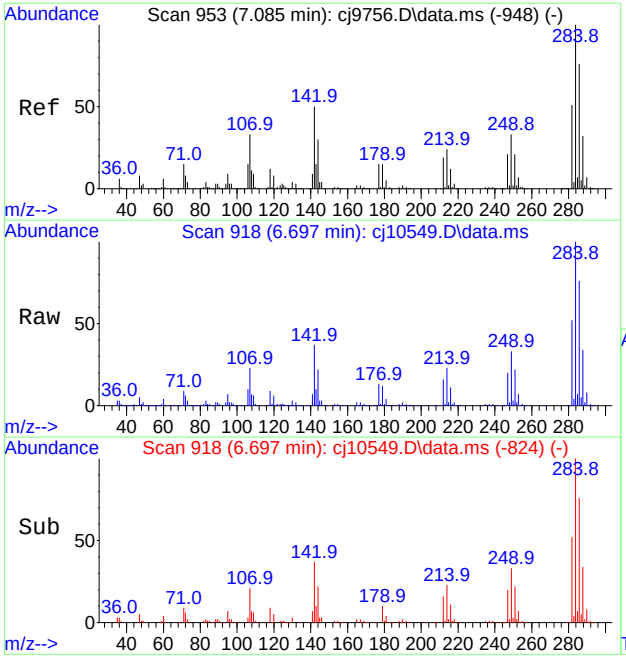


#75
4-Bromophenyl-phenylether
Concen: 55.1920 ppm
RT: 6.644 min Scan# 908
Delta R.T. 0.001 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:248 Resp: 122360

Ion	Ratio	Lower	Upper
248	100		
250	97.5	65.9	125.9
141	82.3	50.8	110.8

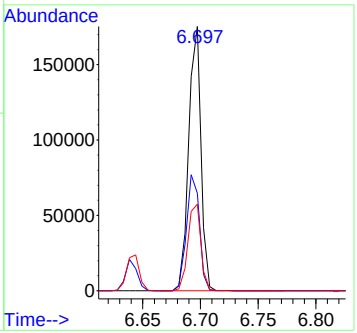


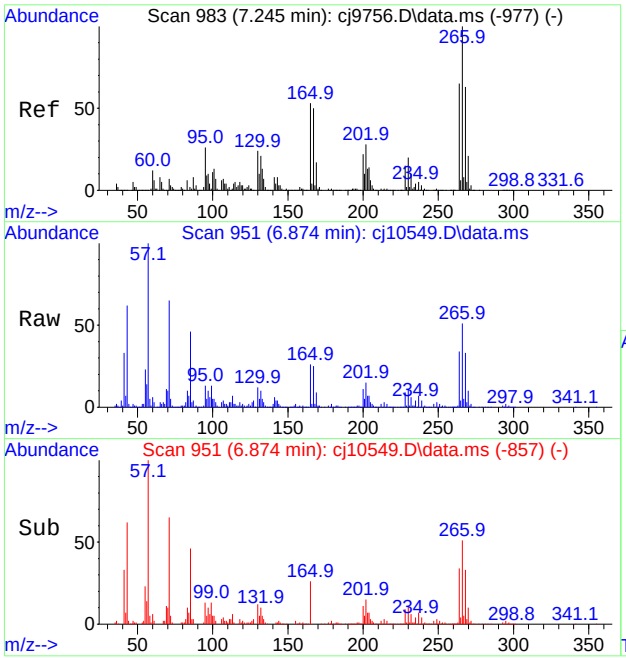


#76
Hexachlorobenzene
Concen: 54.8959 ppm
RT: 6.697 min Scan# 918
Delta R.T. 0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:284 Resp: 130033

Ion	Ratio	Lower	Upper
284	100		
142	36.9	12.9	72.9
249	32.7	2.6	62.6

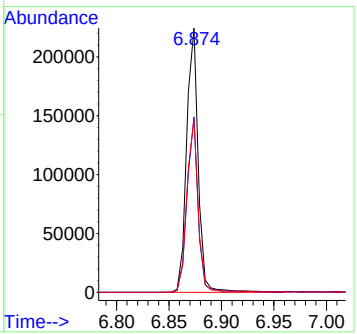


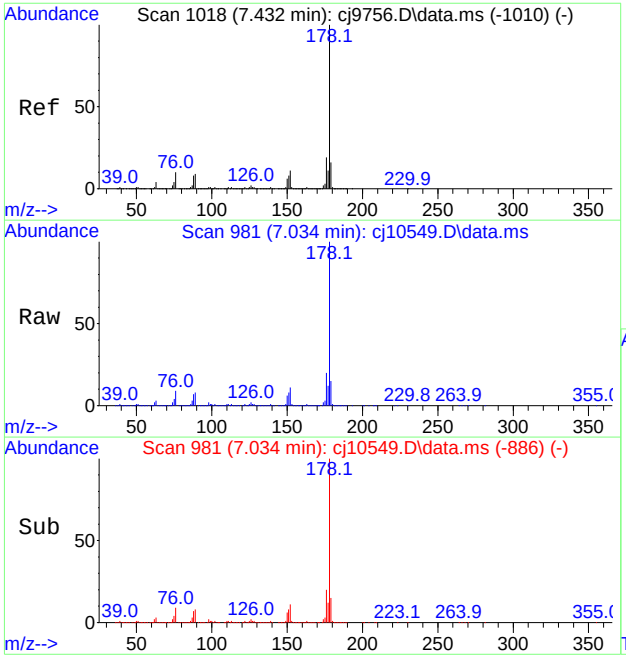


#77
Pentachlorophenol
Concen: 110.7692 ppm
RT: 6.874 min Scan# 951
Delta R.T. 0.004 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:266 Resp: 173300

Ion	Ratio	Lower	Upper
266	100		
264	66.3	37.0	97.0
268	65.6	36.8	96.8

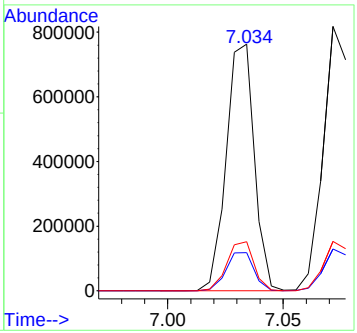


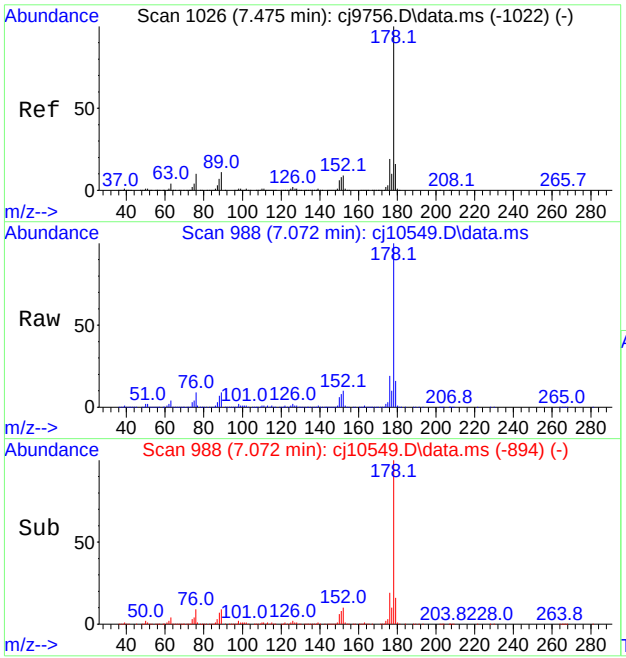


#78
Phenanthrene
Concen: 48.9936 ppm
RT: 7.034 min Scan# 981
Delta R.T. 0.006 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:178 Resp: 646050

Ion	Ratio	Lower	Upper
178	100		
179	15.5	0.0	46.0
176	19.9	0.0	50.1

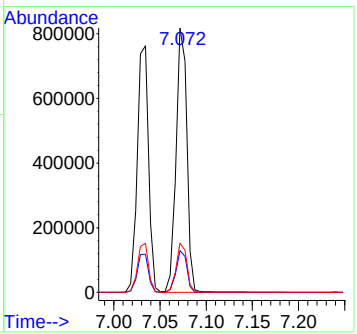


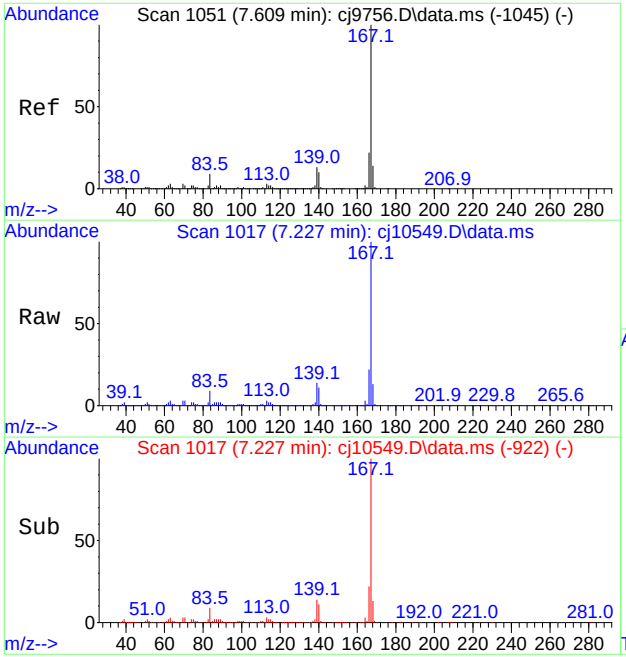


#79
Anthracene
Concen: 50.7193 ppm
RT: 7.072 min Scan# 988
Delta R.T. 0.001 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:178 Resp: 667378

Ion	Ratio	Lower	Upper
178	100		
179	15.8	0.0	45.5
176	18.7	0.0	48.8

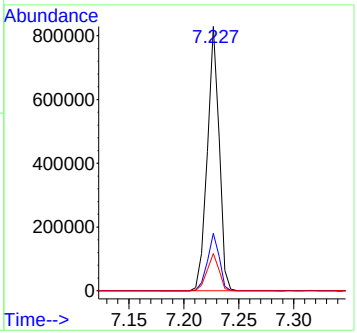


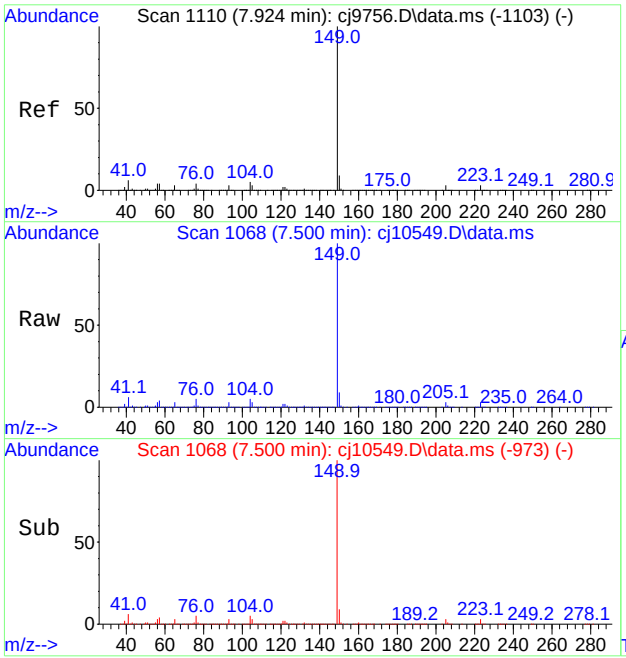


#80
Carbazole
Concen: 48.9439 ppm
RT: 7.227 min Scan# 1017
Delta R.T. 0.008 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:167 Resp: 626297

Ion	Ratio	Lower	Upper
167	100		
166	21.8	0.0	52.0
139	14.2	0.0	44.3

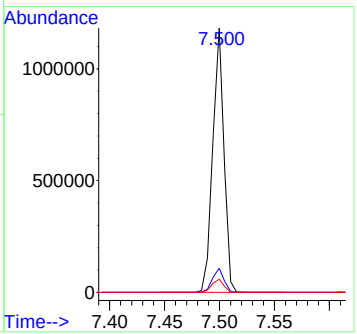


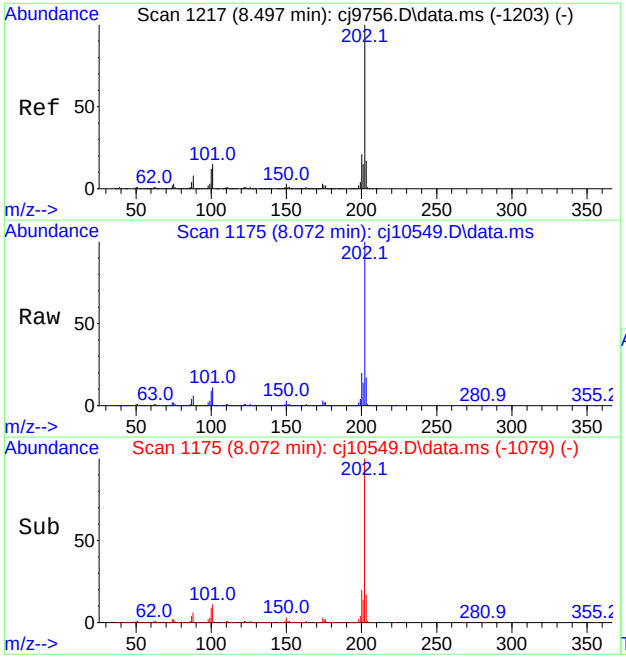


#81
Di-n-butylphthalate
Concen: 53.5633 ppm
RT: 7.500 min Scan# 1068
Delta R.T. 0.011 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:149 Resp: 852181

Ion	Ratio	Lower	Upper
149	100		
150	9.1	0.0	39.4
104	5.0	0.0	35.3

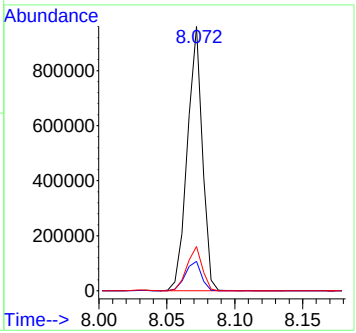


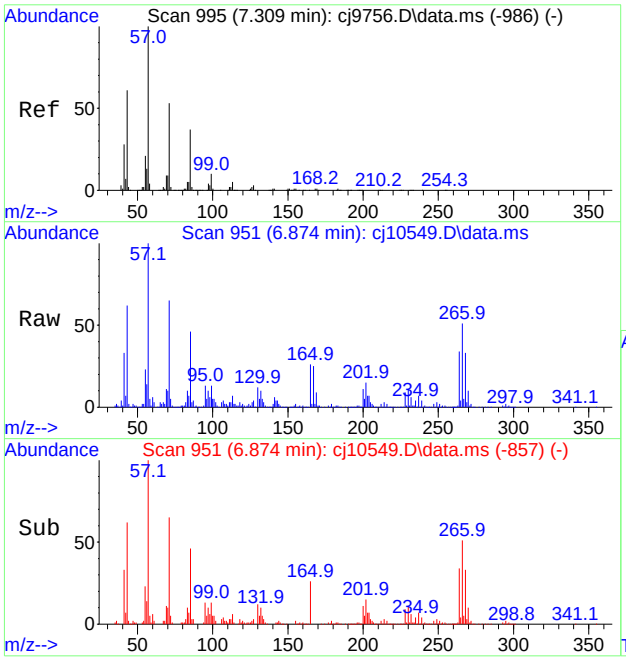


#82
Fluoranthene
Concen: 54.1480 ppm
RT: 8.072 min Scan# 1175
Delta R.T. 0.012 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:202 Resp: 738506

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	42.9
203	16.8	0.0	47.1

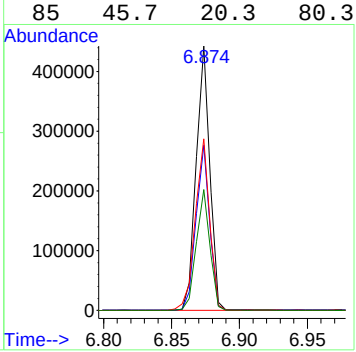


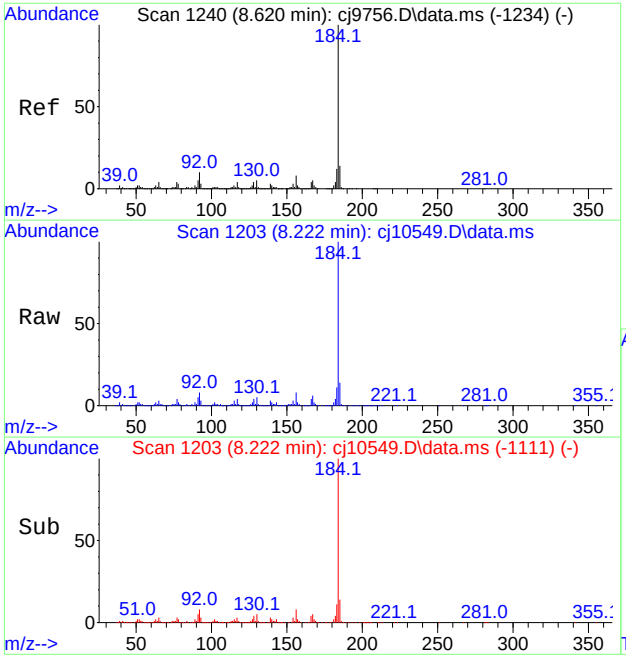


#83
Octadecane
Concen: 41.9198 ppm
RT: 6.874 min Scan# 951
Delta R.T. 0.004 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion: 57 Resp: 308871

Ion	Ratio	Lower	Upper
57	100		
43	62.3	32.5	92.5
71	64.9	40.4	100.4
85	45.7	20.3	80.3

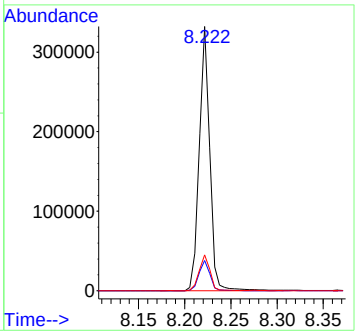


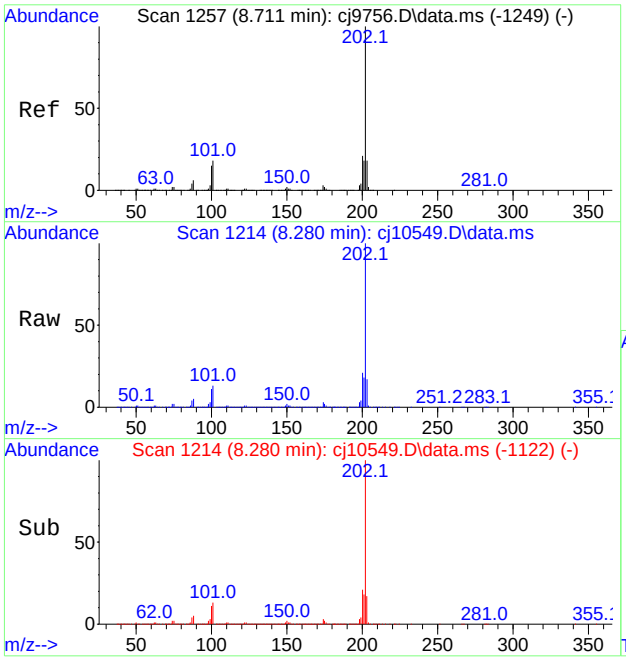


#85
benzidine
Concen: 28.8566 ppm
RT: 8.222 min Scan# 1203
Delta R.T. -0.010 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:184 Resp: 263469

Ion	Ratio	Lower	Upper
184	100		
183	12.0	9.6	14.4
185	14.1	11.0	16.6

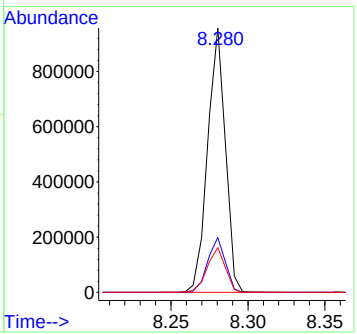


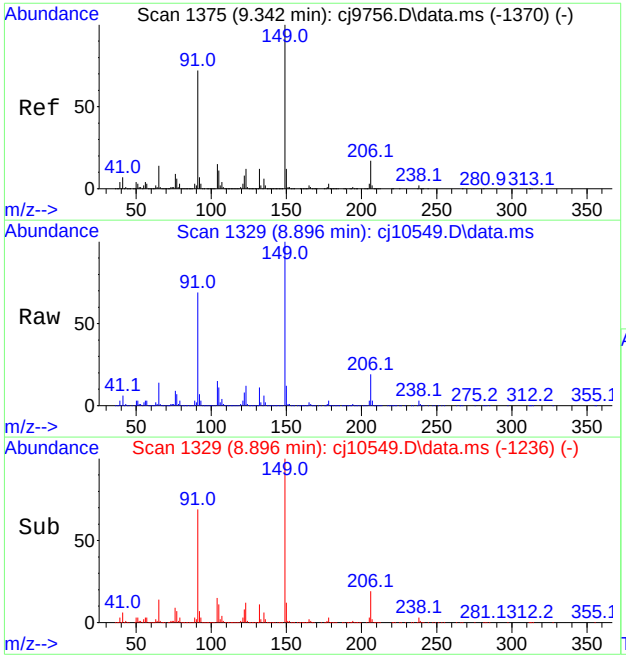


#86
Pyrene
Concen: 48.4156 ppm
RT: 8.280 min Scan# 1214
Delta R.T. -0.010 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:202 Resp: 767764

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	51.0
203	17.0	0.0	47.7

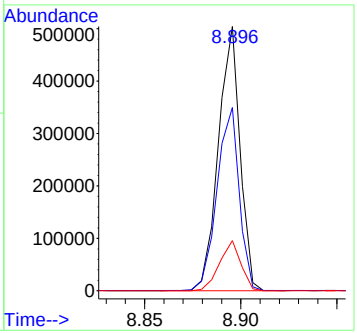


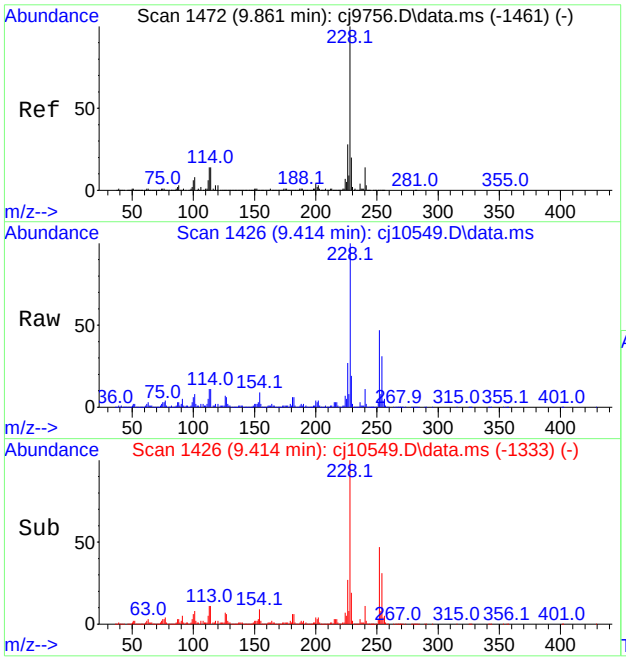


#88
Butylbenzylphthalate
Concen: 53.4455 ppm
RT: 8.896 min Scan# 1329
Delta R.T. -0.004 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:149 Resp: 394729

Ion	Ratio	Lower	Upper
149	100		
91	69.2	30.4	90.4
206	19.0	0.0	48.3

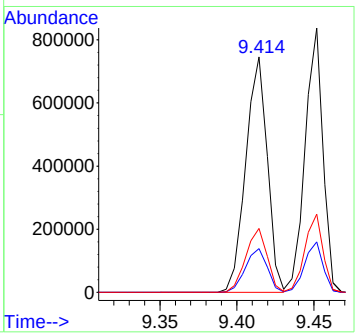


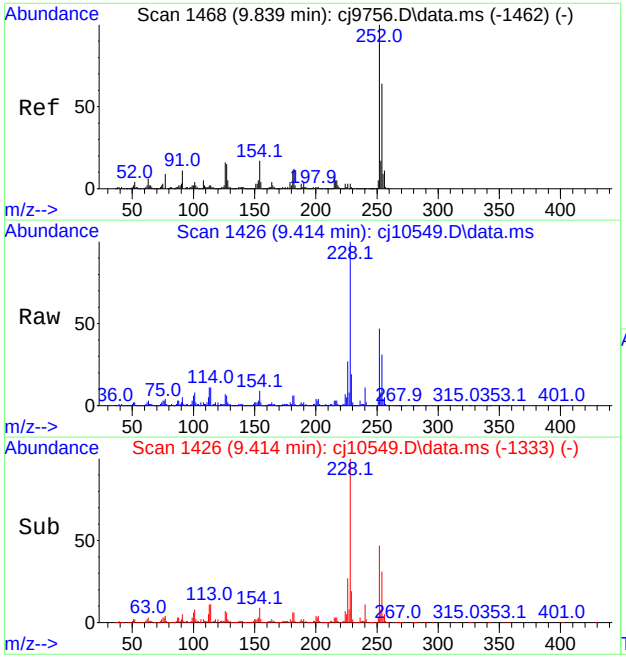


#89
Benzo[a]anthracene
Concen: 49.7640 ppm
RT: 9.414 min Scan# 1426
Delta R.T. -0.000 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:228 Resp: 723821

Ion	Ratio	Lower	Upper
228	100		
229	18.6	0.0	49.4
226	27.2	0.0	57.7

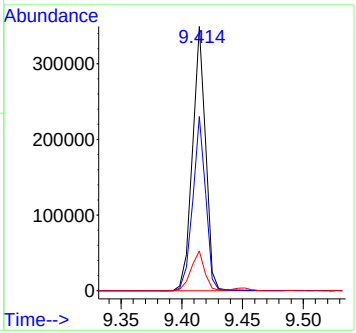


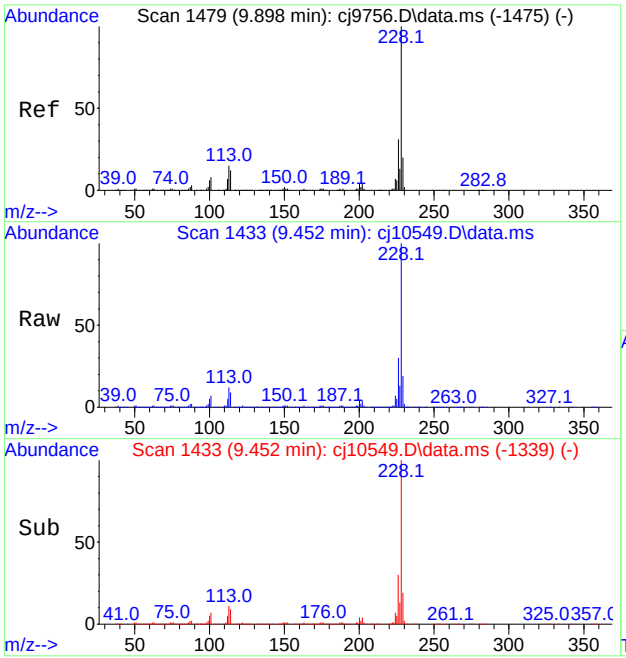


#90
3,3'-Dichlorobenzidine
Concen: 51.0298 ppm
RT: 9.414 min Scan# 1426
Delta R.T. -0.000 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:252 Resp: 265136

Ion	Ratio	Lower	Upper
252	100		
254	65.9	36.6	96.6
126	15.0	0.0	45.5

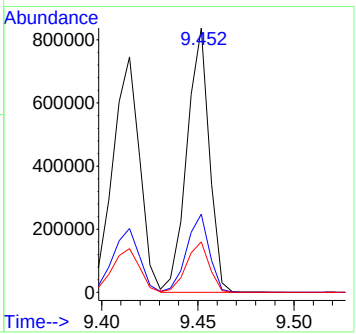


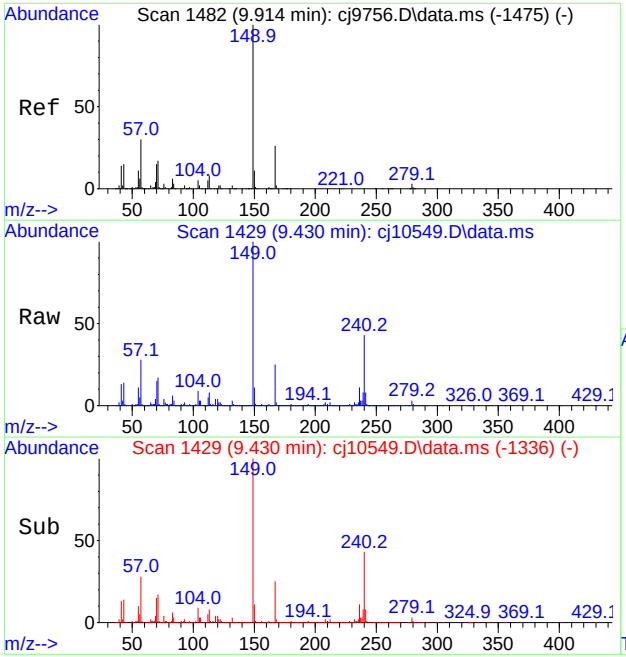


#91
Chrysene
Concen: 49.6472 ppm
RT: 9.452 min Scan# 1433
Delta R.T. 0.000 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:228 Resp: 676273

Ion	Ratio	Lower	Upper
228	100		
226	29.6	0.0	59.8
229	19.1	0.0	50.0

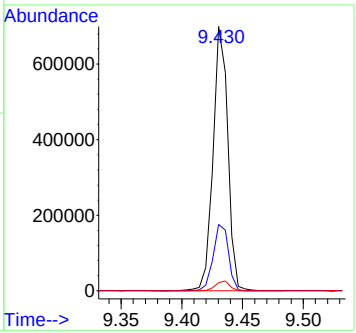


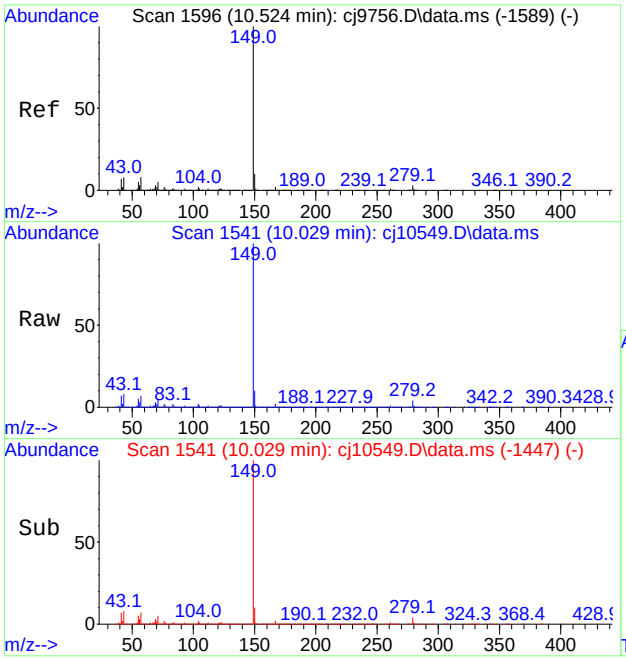


#92
bis(2-Ethylhexyl)phthalate
Concen: 52.8067 ppm
RT: 9.430 min Scan# 1429
Delta R.T. 0.000 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:149 Resp: 585141

Ion	Ratio	Lower	Upper
149	100		
167	25.1	0.0	55.8
279	3.1	0.0	33.3

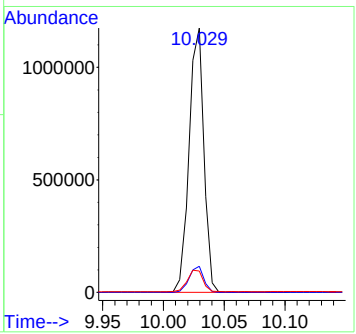


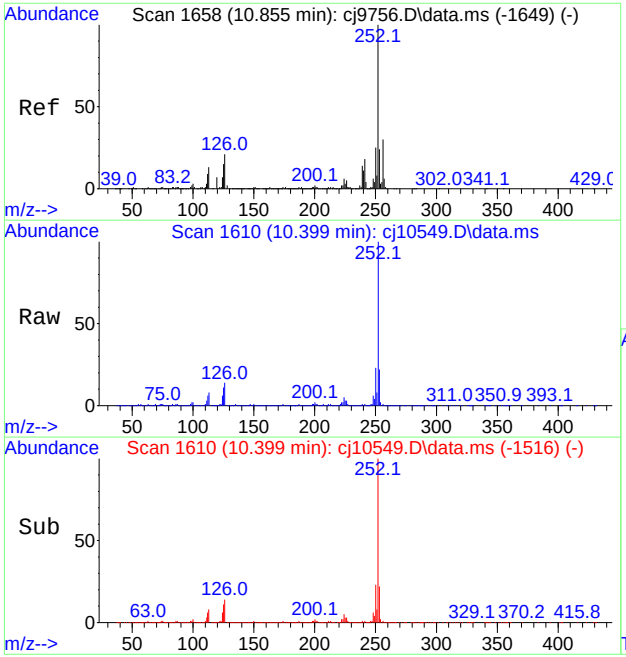


#94
Di-n-octylphthalate
Concen: 53.7012 ppm
RT: 10.029 min Scan# 1541
Delta R.T. 0.000 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:149 Resp: 998498

Ion	Ratio	Lower	Upper
149	100		
150	9.8	0.0	39.9
43	7.8	0.0	38.1

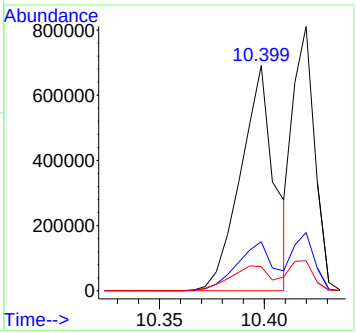


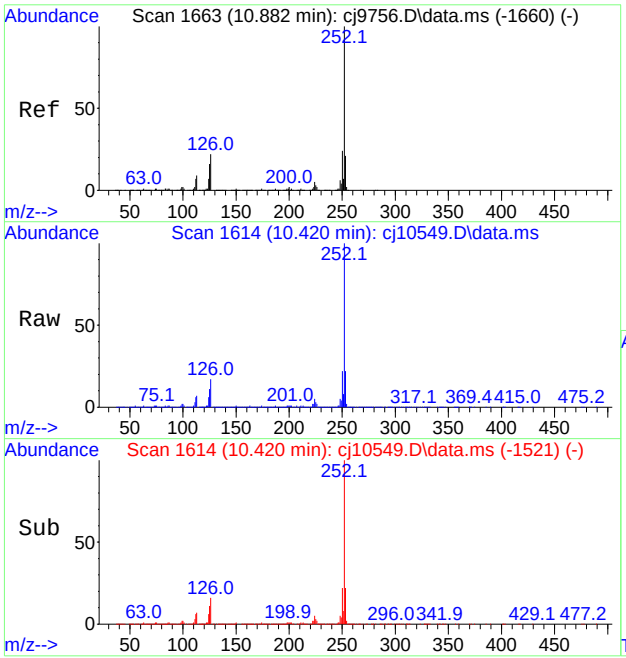


#95
Benzo[b]fluoranthene
Concen: 55.7997 ppm
RT: 10.399 min Scan# 1610
Delta R.T. 0.003 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:252 Resp: 771124

Ion	Ratio	Lower	Upper
252	100		
253	21.8	0.0	52.9
125	9.5	0.0	45.5

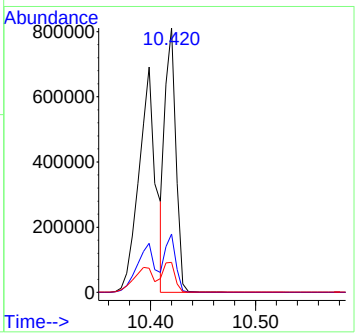


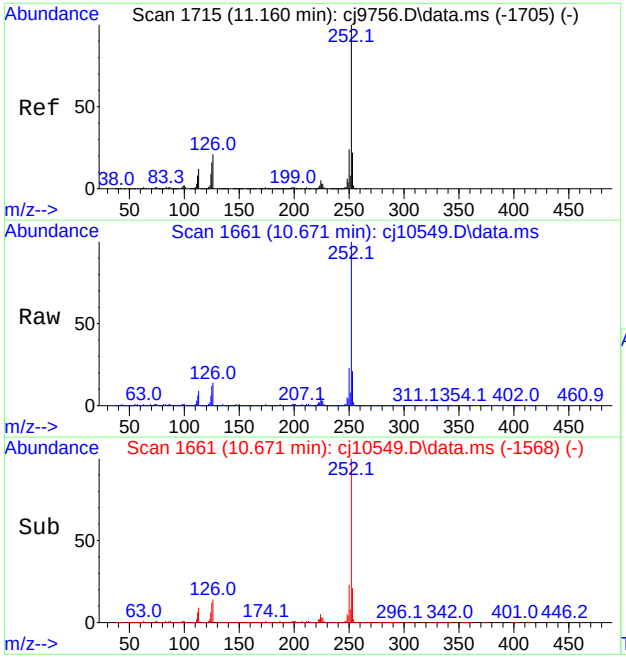


#96
Benzo[k]fluoranthene
Concen: 47.2944 ppm
RT: 10.420 min Scan# 1614
Delta R.T. -0.002 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:252 Resp: 584547

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	52.4
125	10.6	0.0	43.0

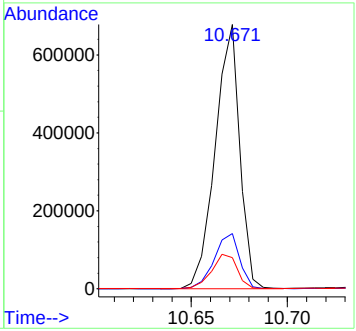


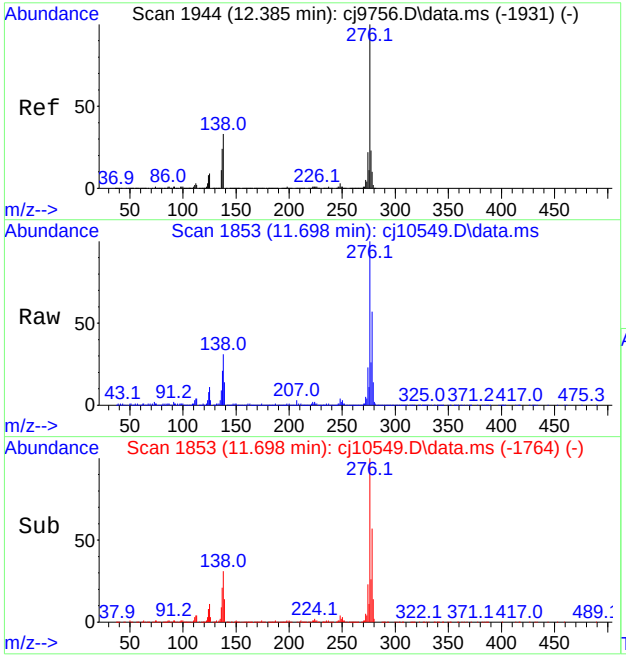


#97
Benzo[a]pyrene
Concen: 52.9735 ppm
RT: 10.671 min Scan# 1661
Delta R.T. -0.000 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:252 Resp: 600602

Ion	Ratio	Lower	Upper
252	100		
253	20.9	0.0	51.8
125	11.7	0.0	44.7

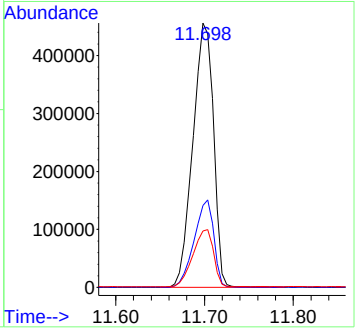


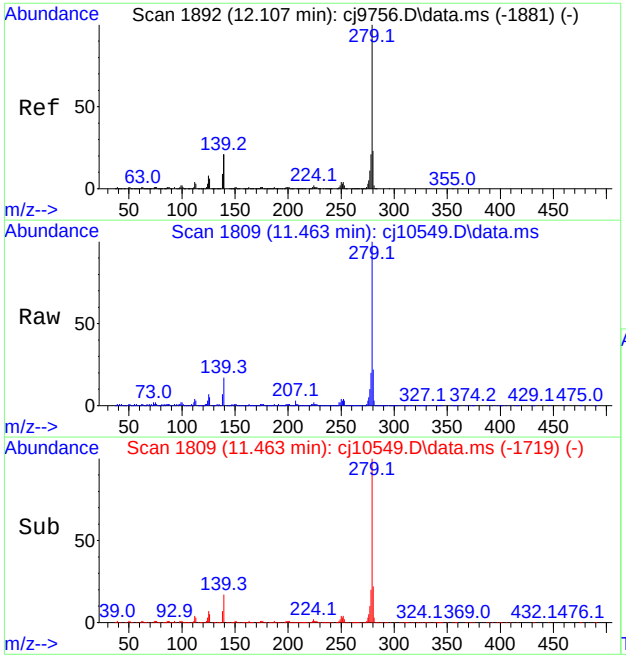


#98
Indeno[1,2,3-cd]pyrene
Concen: 51.9572 ppm
RT: 11.698 min Scan# 1853
Delta R.T. -0.025 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:276 Resp: 737752

Ion	Ratio	Lower	Upper
276	100		
138	30.9	3.5	63.5
137	21.0	0.0	53.1

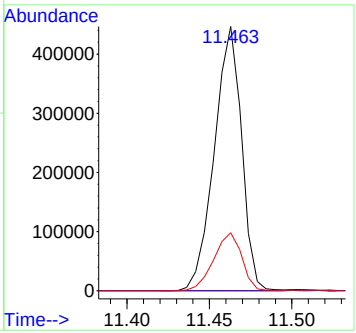


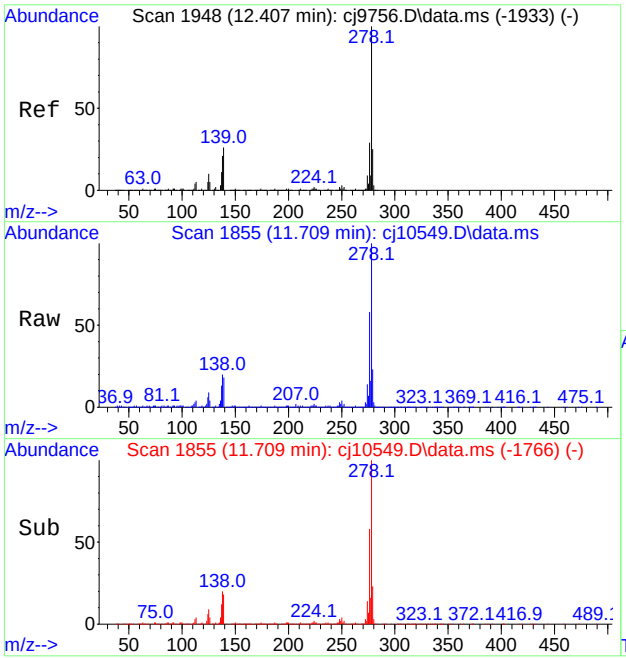


#99
Dibenz(a,h)acridine
Concen: 53.6412 ppm
RT: 11.463 min Scan# 1809
Delta R.T. -0.021 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:279 Resp: 512986

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	21.9	0.0	51.8

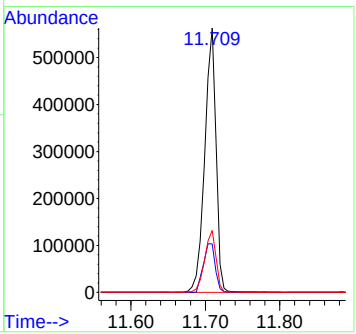


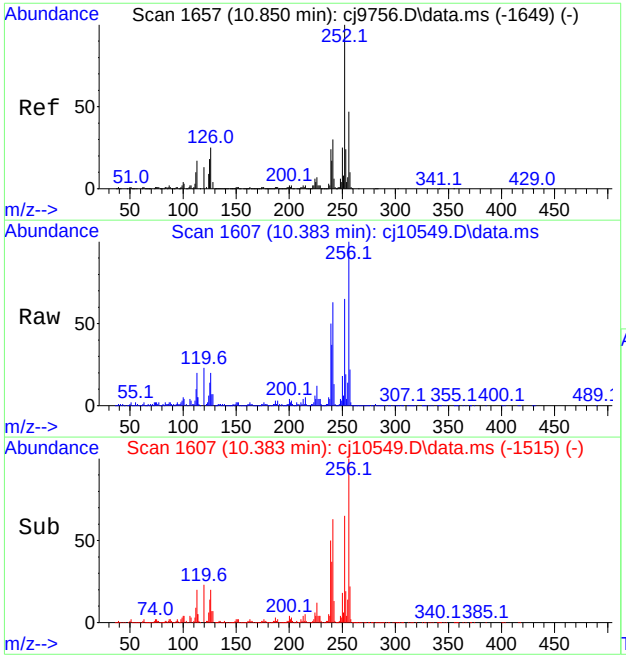


#100
Dibenz[a,h]anthracene
Concen: 52.1124 ppm
RT: 11.709 min Scan# 1855
Delta R.T. -0.024 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:278 Resp: 589514

Ion	Ratio	Lower	Upper
278	100		
139	18.3	0.0	52.7
279	23.3	0.0	54.4

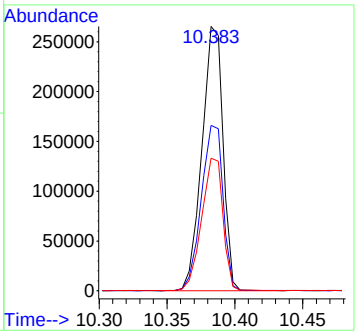


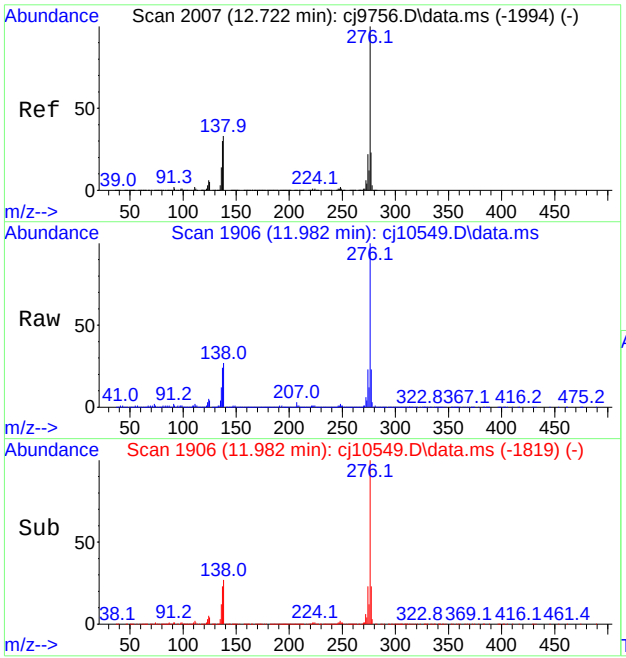


#101
7,12-Dimethylbenz(a)anthracene
Concen: 61.3361 ppm
RT: 10.383 min Scan# 1607
Delta R.T. -0.008 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:256 Resp: 285596

Ion	Ratio	Lower	Upper
256	100		
241	62.5	31.3	91.3
239	50.1	20.1	80.1

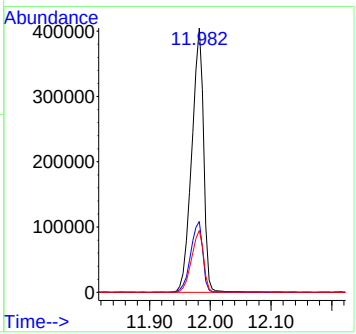




#102
Benzo[g,h,i]perylene
Concen: 50.1032 ppm
RT: 11.982 min Scan# 1906
Delta R.T. -0.033 min
Lab File: cj10549.D
Acq: 27 Jan 2025 04:55 pm

Tgt Ion:276 Resp: 551123

Ion	Ratio	Lower	Upper
276	100		
138	26.8	0.0	58.2
277	23.4	0.0	53.6



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10550.D
Acq On : 27 Jan 2025 05:13 pm
Operator : anthonyo
Sample : cc420-50 Inst : GCMSCJ
Misc : op60814,ecj451,30.0,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 28 01:04:18 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:02:28 2025
Response via : Initial Calibration

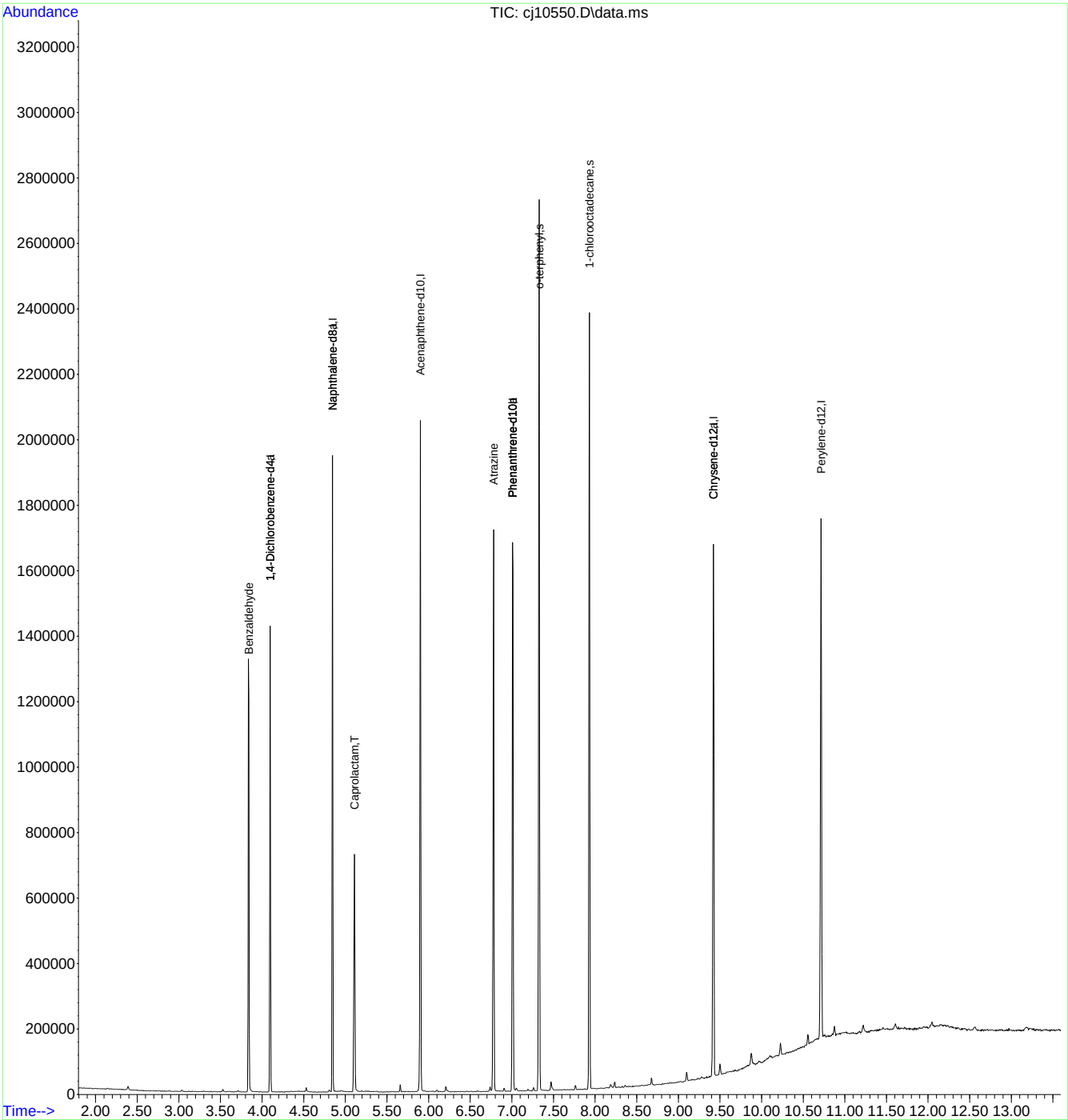
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.098	152	139859	40.00	ppm	0.00
24) Naphthalene-d8	4.847	136	533588	40.00	ppm	0.00
46) Acenaphthene-d10	5.900	164	310329	40.00	ppm	0.00
69) Phenanthrene-d10	7.008	188	535497	40.00	ppm	0.00
84) Chrysene-d12	9.420	240	487109	40.00	ppm	0.00
93) Perylene-d12	10.714	264	499670	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	4.098	152	139859	40.00	ppm	0.00
105) Phenanthrene-d10a	7.008	188	535497	40.00	ppm	0.00
107) Naphthalene-d8a	4.847	136	533588	40.00	ppm	0.00
109) Phenanthrene-d10b	7.008	188	535497	40.00	ppm	0.00
112) Chrysene-d12a	9.420	240	487109	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
74) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
87) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
110) 1-chlorooctadecane	7.933	57	268695	46.13	ppm	0.00
Spiked Amount 50.000			Recovery =	92.26%		
111) o-terphenyl	7.329	230	395136	55.08	ppm	0.00
Spiked Amount 50.000			Recovery =	110.16%		
Target Compounds						Qvalue
104) Benzaldehyde	3.841	105	201454	49.7728	ppm	97
106) Atrazine	6.783	215	77311	56.5373	ppm	98
108) Caprolactam	5.109	55	113208	49.9327	ppm	91

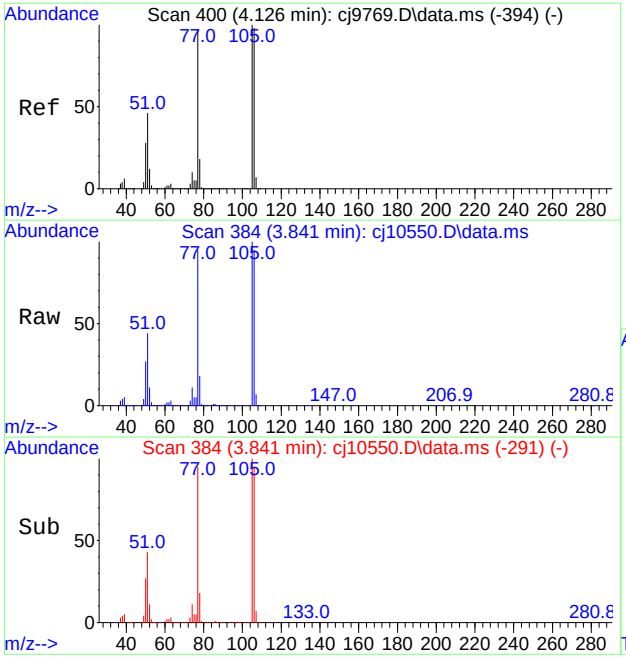
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10550.D
Acq On : 27 Jan 2025 05:13 pm
Operator : anthonyo
Sample : cc420-50 Inst : GCMSCJ
Misc : op60814,ecj451,30.0,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 28 01:04:18 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:02:28 2025
Response via : Initial Calibration

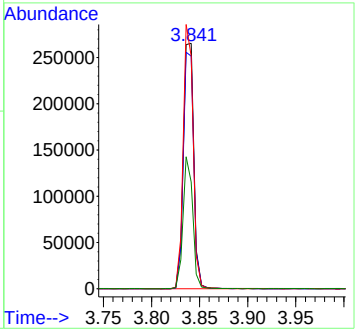


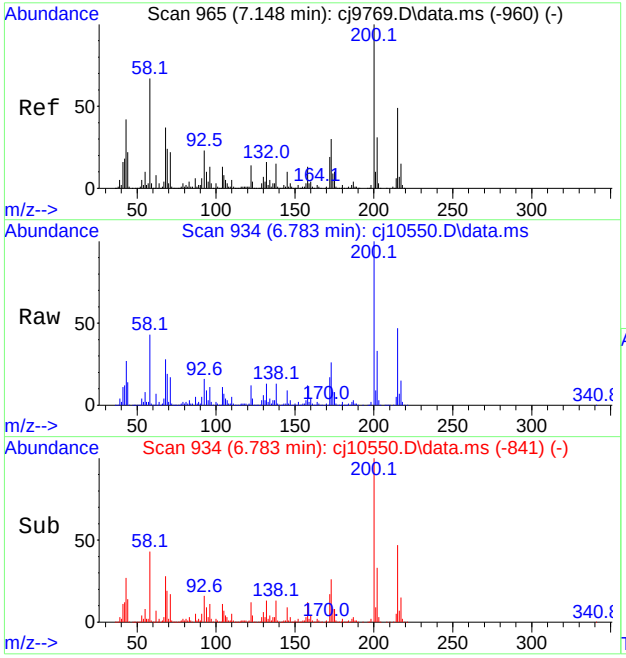


#104
Benzaldehyde
Concen: 49.7728 ppm
RT: 3.841 min Scan# 384
Delta R.T. -0.004 min
Lab File: cj10550.D
Acq: 27 Jan 2025 05:13 pm

Tgt Ion:105 Resp: 201454

Ion	Ratio	Lower	Upper
105	100		
106	94.7	66.5	126.5
77	94.8	61.7	121.7
51	43.4	10.2	70.2

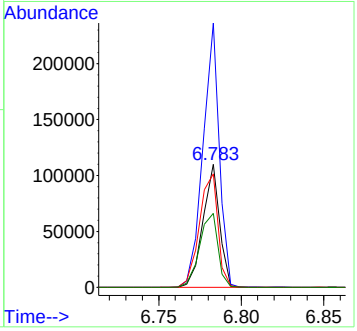


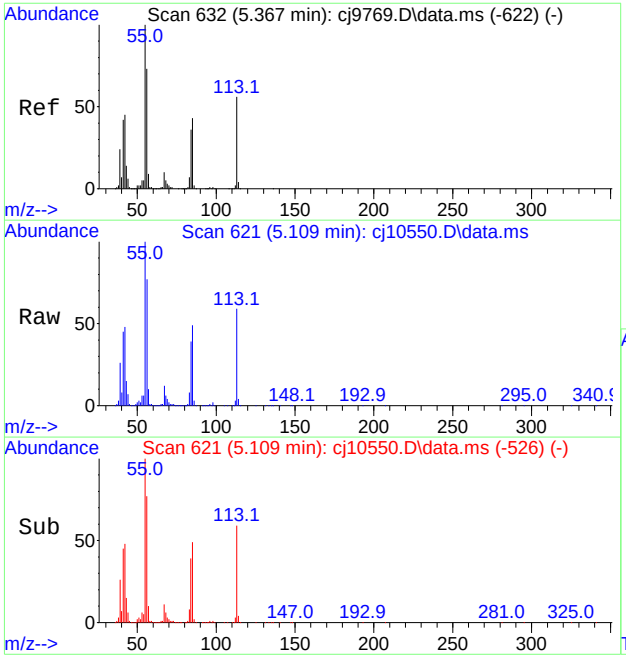


#106
Atrazine
Concen: 56.5373 ppm
RT: 6.783 min Scan# 934
Delta R.T. -0.002 min
Lab File: cj10550.D
Acq: 27 Jan 2025 05:13 pm

Tgt Ion:215 Resp: 77311

Ion	Ratio	Lower	Upper
215	100		
200	214.8	182.5	242.5
58	92.3	60.1	120.1
68	60.0	33.1	93.1

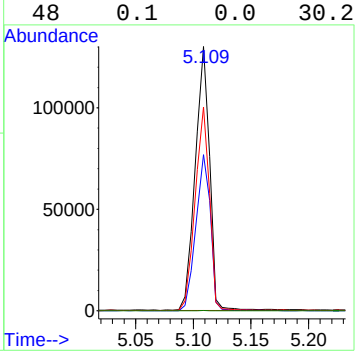




#108
Caprolactam
Concen: 49.9327 ppm
RT: 5.109 min Scan# 621
Delta R.T. 0.009 min
Lab File: cj10550.D
Acq: 27 Jan 2025 05:13 pm

Tgt Ion: 55 Resp: 113208

Ion	Ratio	Lower	Upper
55	100		
113	59.2	40.9	100.9
56	77.1	43.9	103.9
48	0.1	0.0	30.2



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10551.D
Acq On : 27 Jan 2025 05:31 pm
Operator : anthonyo
Sample : cc420-10 Inst : GCMSCJ
Misc : op60814,ecj451,30.0,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 28 01:28:14 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration

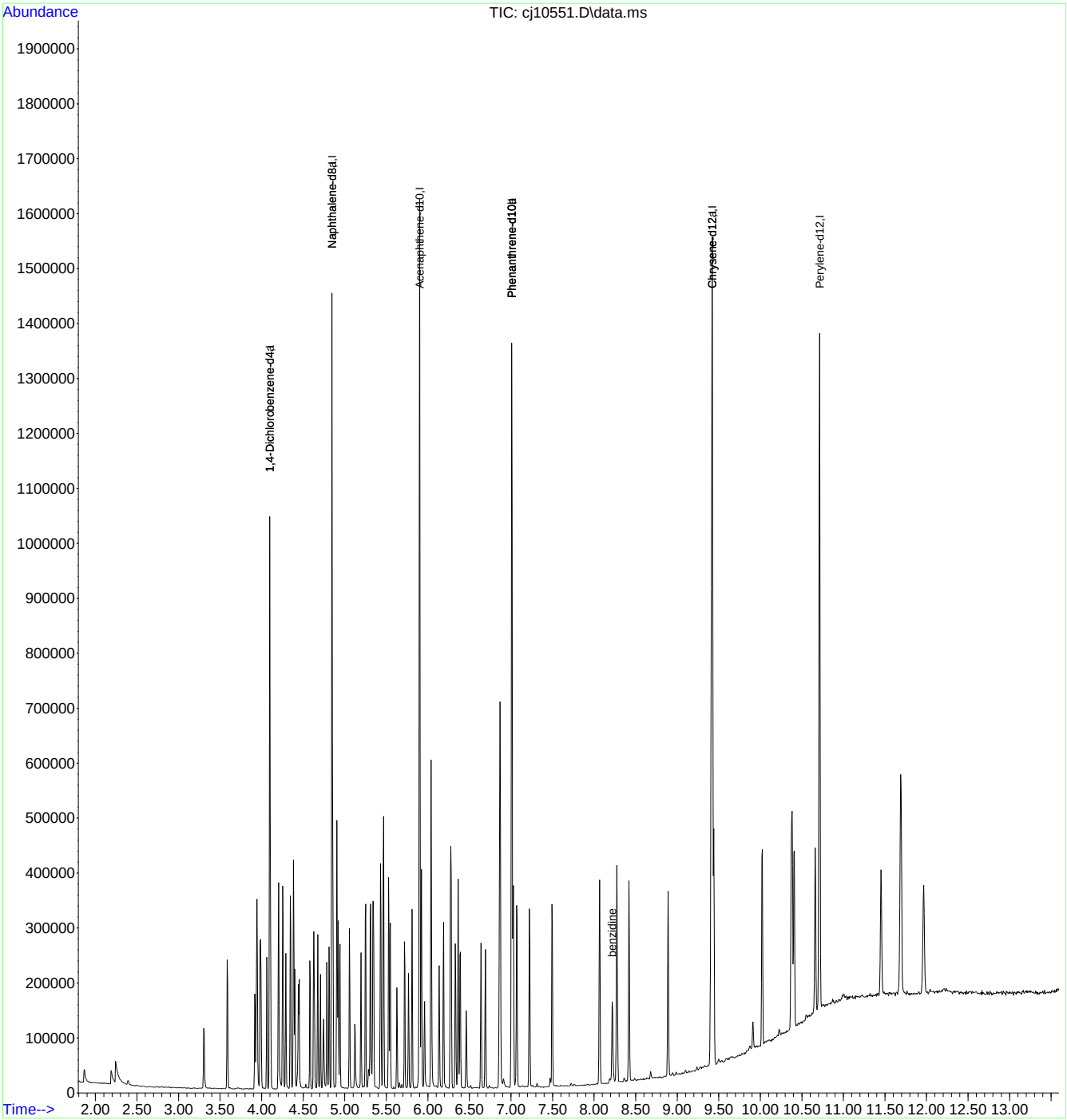
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.098	152	98909	40.00	ppm	0.00
24) Naphthalene-d8	4.847	136	389651	40.00	ppm	0.00
46) Acenaphthene-d10	5.900	164	223290	40.00	ppm	0.00
69) Phenanthrene-d10	7.008	188	405352	40.00	ppm	0.00
84) Chrysene-d12	9.420	240	370633	40.00	ppm	0.00
93) Perylene-d12	10.714	264	375356	40.00	ppm	0.00
103) 1,4-Dichlorobenzene-d4a	4.098	152	98909	40.00	ppm	0.00
105) Phenanthrene-d10a	7.008	188	405352	40.00	ppm	0.00
107) Naphthalene-d8a	4.847	136	389651	40.00	ppm	0.00
109) Phenanthrene-d10b	7.008	188	405352	40.00	ppm	0.00
112) Chrysene-d12a	9.420	240	370633	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
74) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
87) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
110) 1-chlorooctadecane	0.000	57	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
111) o-terphenyl	0.000	230	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
85) benzidine	8.216	184	51745	6.4937	ppm	100

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

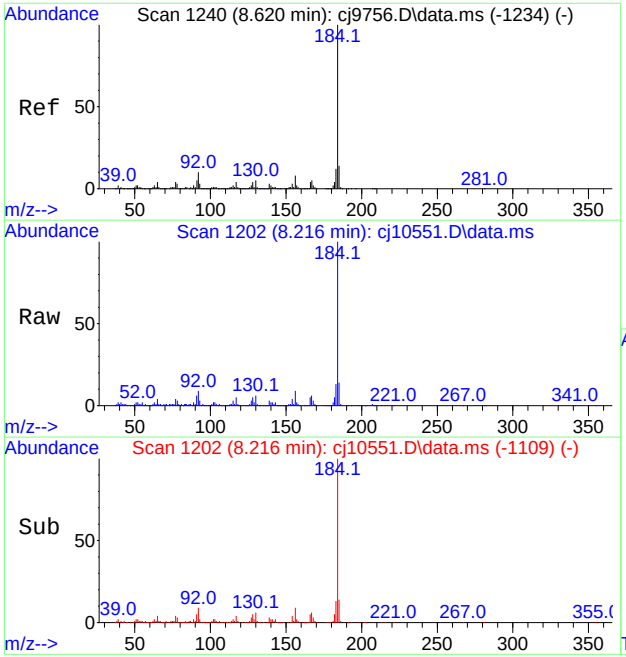
Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\recheleb\ecj451\
Data File : cj10551.D
Acq On : 27 Jan 2025 05:31 pm
Operator : anthonyo
Sample : cc420-10 Inst : GCMSCJ
Misc : op60814,ecj451,30.0,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 28 01:28:14 2025
Quant Method : X:\Dayton SVOA GCMS\recheleb\methods\mCJ420.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Tue Jan 28 01:05:16 2025
Response via : Initial Calibration



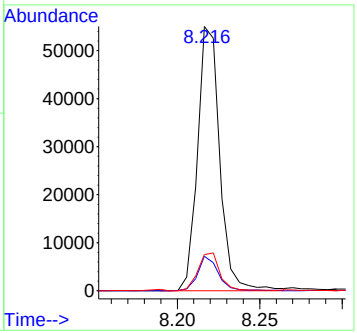
7.6.21
7



#85
benzidine
Concen: 6.4937 ppm
RT: 8.216 min Scan# 1202
Delta R.T. -0.005 min
Lab File: cj10551.D
Acq: 27 Jan 2025 05:31 pm

Tgt Ion:184 Resp: 51745

Ion	Ratio	Lower	Upper
184	100		
183	12.2	9.6	14.4
185	14.3	11.3	16.9



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222733.D
Acq On : 7 Nov 2024 9:00 am
Operator : jackleey
Sample : ic9899-1
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 06 10:35:27 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.765	152	51738	40.00	ppm	0.00
24) Naphthalene-d8	5.657	136	196372	40.00	ppm	0.00
46) Acenaphthene-d10	7.041	164	104684	40.00	ppm	0.00
69) Phenanthrene-d10	8.665	188	203923	40.00	ppm	0.00
83) Chrysene-d12	12.506	240	178524	40.00	ppm	0.00
92) Perylene-d12	14.600	264	193049	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.765	152	51738	40.00	ppm	0.00
112) Naphthalene-d8A	5.657	136	196372	40.00	ppm	0.00
121) Acenaphthene-d10A	7.041	164	104684	40.00	ppm	0.00
132) Phenanthrene-d10A	8.665	188	203923	40.00	ppm	0.00
147) Chrysene-d12A	12.506	240	178524	40.00	ppm	0.00
154) Perylene-d12A	14.600	264	193049	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.765	152	51738	40.00	ppm	0.00
159) Phenanthrene-d10b	8.665	188	203923	40.00	ppm	0.00
161) Naphthalene-d8b	5.657	136	196372	40.00	ppm	0.00
163) Naphthalene-d8c	5.657	136	196372	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.765	152	51738	40.00	ppm	0.00
169) Chrysene-d12c	12.506	240	178524	40.00	ppm	0.00
171) Chrysene-d12d	12.506	240	178524	40.00	ppm	0.00
173) Naphthalene-d8d	5.657	136	196372	40.00	ppm	0.00
175) Chrysene-d12e	12.506	240	178524	40.00	ppm	0.00
177) Perylene-d12b	14.600	264	193049	40.00	ppm	0.00
179) Naphthalene-d8e	5.657	136	196372	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.852	112	1310	0.90	ppm	0.00
Spiked Amount 50.000			Recovery = 1.80%			
8) Phenol-d5	4.487	99	1388	0.81	ppm	0.00
Spiked Amount 50.000			Recovery = 1.62%			
25) Nitrobenzene-d5	5.150	82	1351	0.90	ppm	0.00
Spiked Amount 50.000			Recovery = 1.80%			
51) 2-Fluorobiphenyl	6.453	172	3438	0.89	ppm	0.00
Spiked Amount 50.000			Recovery = 1.78%			
73) 2,4,6-Tribromophenol	7.837	330	369	0.69	ppm	0.00
Spiked Amount 50.000			Recovery = 1.38%			
86) Terphenyl-d14	10.930	244	3951	0.90	ppm	0.00
Spiked Amount 50.000			Recovery = 1.80%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.708	88	759	1.30	ppm	75
3) Pyridine	2.965	79	1145	0.69	ppm	86
4) N-Nitrosodimethylamine	2.927	42	883	1.16	ppm #	51
6) Indene	4.941	116	2684	0.96	ppm	95
7) Cumene	4.220	105	2905	0.96	ppm	94
9) Phenol	4.498	94	1742	0.92	ppm	89
10) Aniline	4.535	93	2246	0.95	ppm	97
11) bis(2-Chloroethyl)ether	4.573	93	1426	0.98	ppm	84
12) 2-Chlorophenol	4.615	128	1460	0.89	ppm	98
13) Decane	4.648	43	1567	1.01	ppm	92

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222733.D
Acq On : 7 Nov 2024 9:00 am
Operator : jackleey
Sample : ic9899-1
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 06 10:35:27 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
14)	1,3-Dichlorobenzene	4.722	146	1843	0.98	ppm		98
15)	1,4-Dichlorobenzene	4.776	146	1820	0.94	ppm		93
16)	Benzyl alcohol	4.856	108	842	0.83	ppm		85
17)	1,2-Dichlorobenzene	4.883	146	1838	1.01	ppm		96
18)	Acetophenone	5.043	105	2156	0.92	ppm		77
19)	2-Methylphenol	4.920	108	1227	0.87	ppm		98
20)	2,2'-oxybis(1-Chloropr...	4.947	121	451	0.99	ppm	#	76
21)	3&4-Methylphenol	5.027	108	2448	1.61	ppm		97
22)	n-Nitroso-di-n-propyla...	5.038	70	859	0.79	ppm		94
23)	Hexachloroethane	5.118	201	662	0.86	ppm		87
26)	Nitrobenzene	5.160	77	1303	0.81	ppm		93
27)	Quinoline	5.914	129	3072	0.97	ppm		95
28)	Isophorone	5.326	82	2622	0.92	ppm		96
29)	2-Nitrophenol	5.385	139	460	0.60	ppm		86
30)	2,4-Dimethylphenol	5.401	107	1324	0.82	ppm		87
32)	bis(2-Chloroethoxy)met...	5.476	93	1798	0.97	ppm		92
33)	2,4-Dichlorophenol	5.545	162	1213	0.85	ppm		88
34)	2,6-Dichlorophenol	5.705	162	1267	0.86	ppm		98
35)	1,3,5-Trichlorobenzene	5.390	180	1579	0.87	ppm		98
36)	1,2,4-Trichlorobenzene	5.609	180	1452	0.85	ppm		86
37)	1,2,3-Trichlorobenzene	5.769	180	1485	0.85	ppm		90
38)	Naphthalene	5.668	128	4541	0.94	ppm		97
39)	4-Chloroaniline	5.705	127	1859	0.88	ppm		93
40)	2,3-Dichloroaniline	6.389	161	1425	0.83	ppm		96
41)	Hydroquinone	5.919	110	1110	0.78	ppm		92
42)	Hexachlorobutadiene	5.753	225	940	0.85	ppm		92
43)	4-Chloro-3-methylphenol	6.037	107	1051	0.79	ppm		99
44)	2-Methylnaphthalene	6.170	141	2677	0.91	ppm		96
45)	1-Methylnaphthalene	6.245	142	2758	0.91	ppm		98
47)	Hexachlorocyclopentadiene	6.288	237	1521	1.38	ppm		91
48)	1,2,4,5-tetrachloroben...	6.293	216	1460	0.78	ppm		88
49)	2,4,6-Trichlorophenol	6.384	196	850	0.75	ppm		91
50)	2,4,5-Trichlorophenol	6.410	196	851	0.67	ppm		88
52)	2-Chloronaphthalene	6.555	162	3031m	2.08	ppm		
53)	Biphenyl	6.539	154	3966	0.94	ppm		96
54)	2-Nitroaniline	6.640	65	499	0.64	ppm		98
55)	Dimethylphthalate	6.795	163	3266	0.90	ppm		96
56)	Acenaphthylene	6.913	152	3904	0.84	ppm		98
57)	2,6-Dinitrotoluene	6.849	165	367	0.53	ppm		80
58)	3-Nitroaniline	6.998	138	404	0.49	ppm		88
59)	Acenaphthene	7.073	153	3532	1.04	ppm		90
60)	2,4-Dinitrophenol	7.094	184	188	0.51	ppm		82
61)	4-Nitrophenol	7.137	109	199	0.42	ppm	#	74
62)	Dibenzofuran	7.239	168	4614	0.95	ppm		95
63)	2,4-Dinitrotoluene	7.217	165	453	0.46	ppm		84
64)	2,3,4,6-Tetrachlorophenol	7.351	232	744	0.76	ppm		79
65)	Diethylphthalate	7.463	149	3455	0.91	ppm		94
66)	Fluorene	7.586	166	3213	0.84	ppm		98
67)	4-Chlorophenyl-phenyle...	7.586	204	2009	1.00	ppm		93
68)	4-Nitroaniline	7.602	138	461	0.51	ppm		83

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222733.D
Acq On : 7 Nov 2024 9:00 am
Operator : jackleey
Sample : ic9899-1
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 06 10:35:27 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

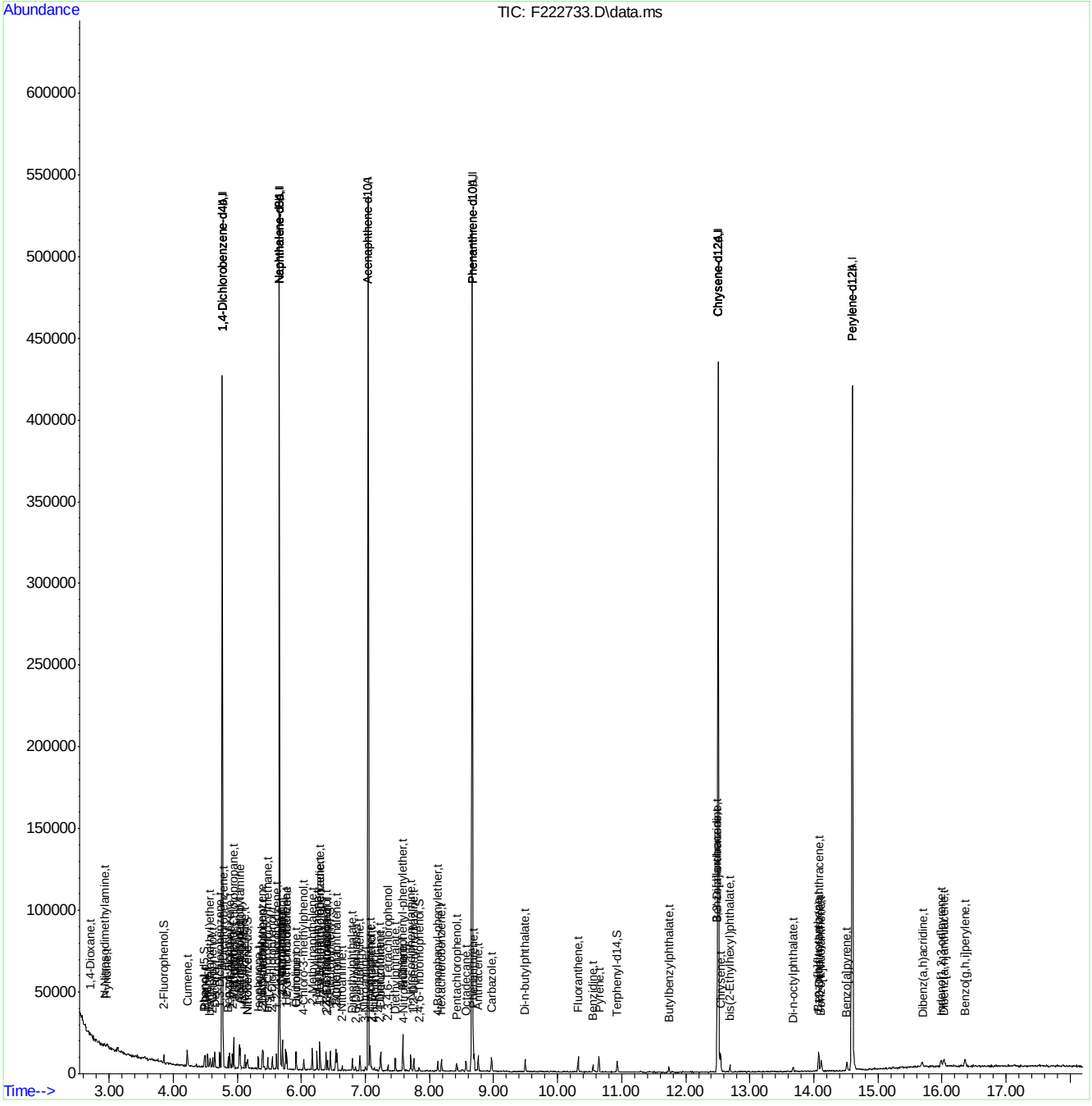
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) n-Nitrosodiphenylamine	7.709	169	2620	0.82	ppm	94
72) 1,2-Diphenylhydrazine	7.757	77	2956	0.90	ppm	98
74) 4-Bromophenyl-phenylether	8.131	248	1008	0.89	ppm	81
75) Hexachlorobenzene	8.189	284	1061	0.87	ppm	94
76) Pentachlorophenol	8.425	266	910	1.12	ppm	91
77) Phenanthrene	8.692	178	5475	1.00	ppm	97
78) Anthracene	8.761	178	4687	0.83	ppm	98
79) Carbazole	8.969	167	4250	0.81	ppm	91
80) Di-n-butylphthalate	9.493	149	4950	0.78	ppm	96
81) Fluoranthene	10.321	202	4979	0.78	ppm	93
82) Octadecane	8.569	57	1532	0.76	ppm	93
84) Benzidine	10.551	184	3078	0.94	ppm	99
85) Pyrene	10.647	202	5671	0.92	ppm	95
87) Butylbenzylphthalate	11.737	149	1049	0.45	ppm	91
88) Benzo[a]anthracene	12.490	228	4939	0.86	ppm	97
89) 3,3'-Dichlorobenzidine	12.490	252	1321	0.58	ppm	91
90) Chrysene	12.543	228	5521	0.95	ppm	99
91) bis(2-Ethylhexyl)phtha...	12.688	149	1619	0.43	ppm	98
93) Di-n-octylphthalate	13.676	149	2174	0.35	ppm	92
94) Benzo[b]fluoranthene	14.071	252	4087	0.65	ppm	93
95) Benzo[k]fluoranthene	14.114	252	4569	0.75	ppm	96
96) Benzo[a]pyrene	14.515	252	3396	0.65	ppm	94
97) Indeno[1,2,3-cd]pyrene	15.989	276	3268	0.59	ppm	81
98) Dibenz(a,h)acridine	15.695	279	2459	0.55	ppm	89
99) Dibenz[a,h]anthracene	16.027	278	3502	0.64	ppm	92
100) 7,12-Dimethylbenz(a)an...	14.082	256	1410	0.55	ppm	97
101) Benzo[g,h,i]perylene	16.363	276	3478	0.67	ppm	96

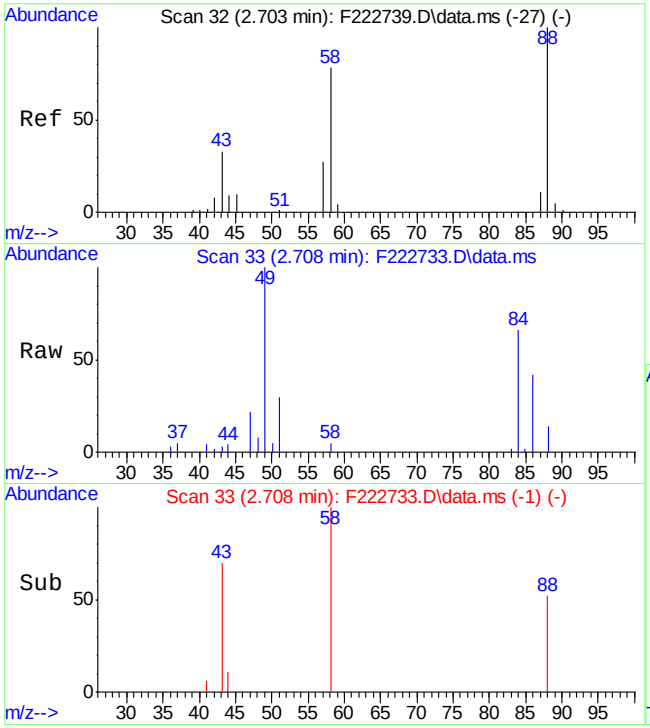
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222733.D
Acq On : 7 Nov 2024 9:00 am
Operator : jackleey
Sample : ic9899-1
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Quant Time: Dec 06 10:35:27 2024
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Quant Title : Semi Volatile Extractables by GC/MS
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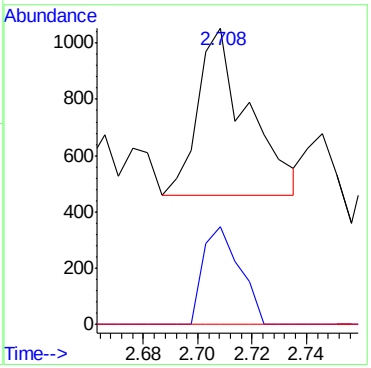


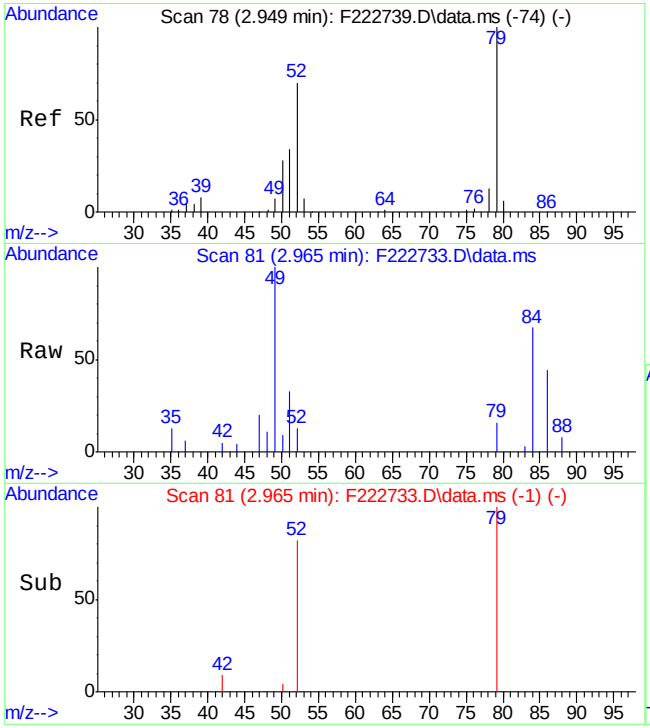


#2
1,4-Dioxane
Concen: 1.30 ppm
RT: 2.708 min Scan# 33
Delta R.T. 0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 88 Resp: 759

Ion	Ratio	Lower	Upper
88	100		
58	63.7	47.6	107.6
57	0.0	0.0	57.2

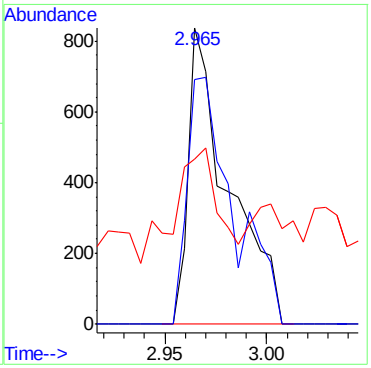


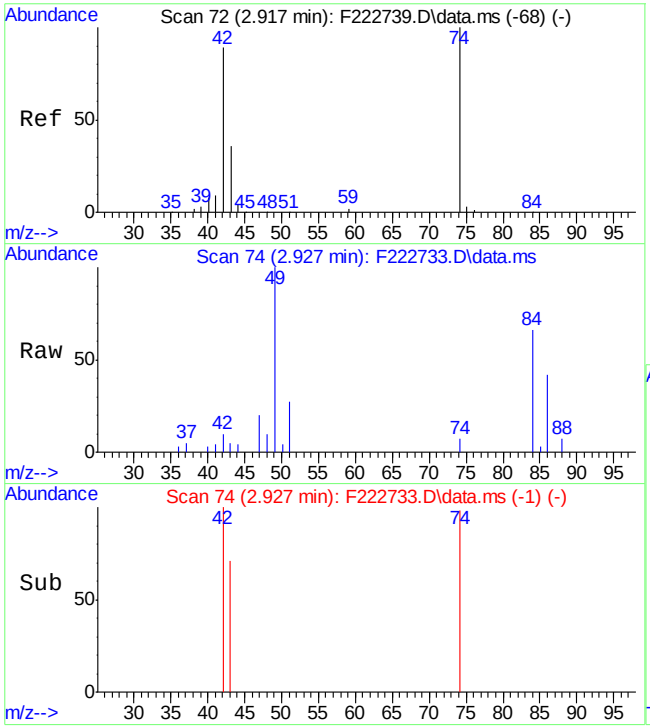


#3
Pyridine
Concen: 0.69 ppm
RT: 2.965 min Scan# 81
Delta R.T. 0.016 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 79 Resp: 1145

Ion	Ratio	Lower	Upper
79	100		
52	82.4	39.7	99.7
50	22.7	0.0	58.3

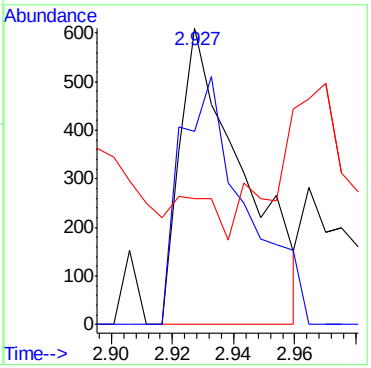


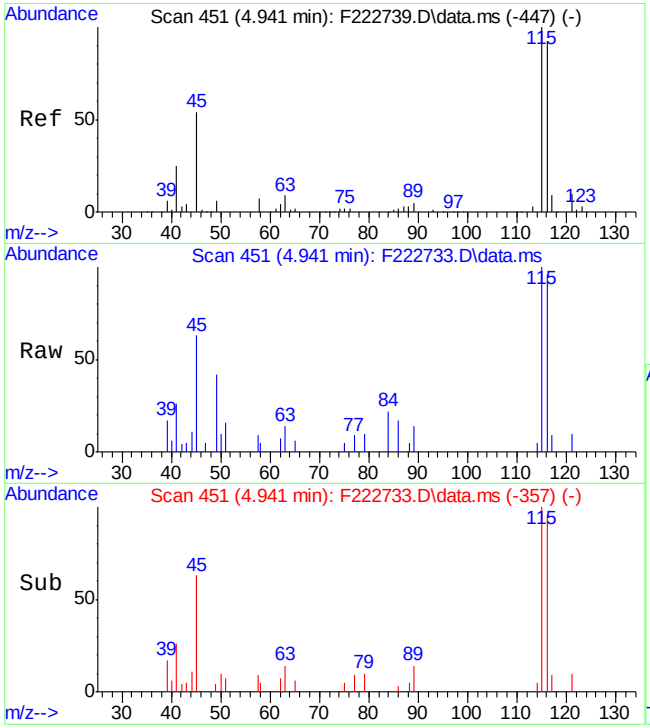


#4
N-Nitrosodimethylamine
Concen: 1.16 ppm
RT: 2.927 min Scan# 74
Delta R.T. 0.011 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 42 Resp: 883

Ion	Ratio	Lower	Upper
42	100		
74	60.1	82.2	142.2#
50	0.0	0.0	30.0

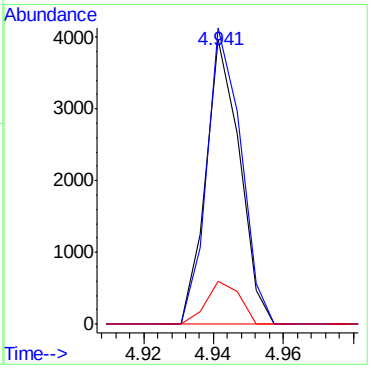


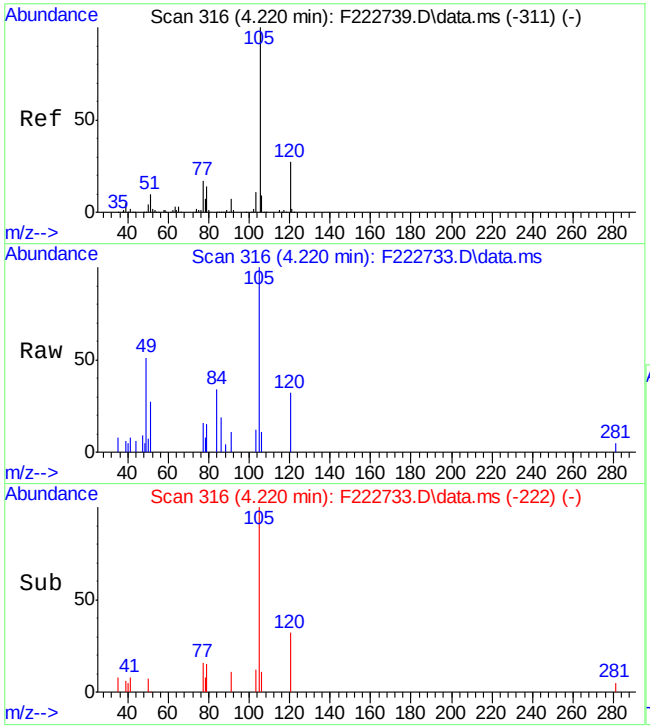


#6
Indene
Concen: 0.96 ppm
RT: 4.941 min Scan# 451
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:116 Resp: 2684

Ion	Ratio	Lower	Upper
116	100		
115	103.8	78.5	138.5
63	15.0	0.0	42.1

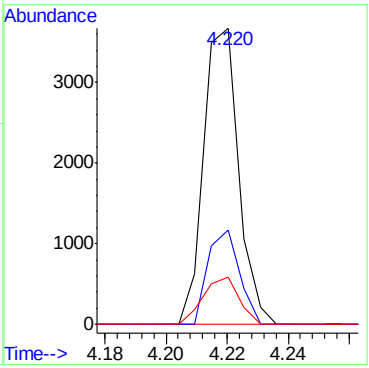


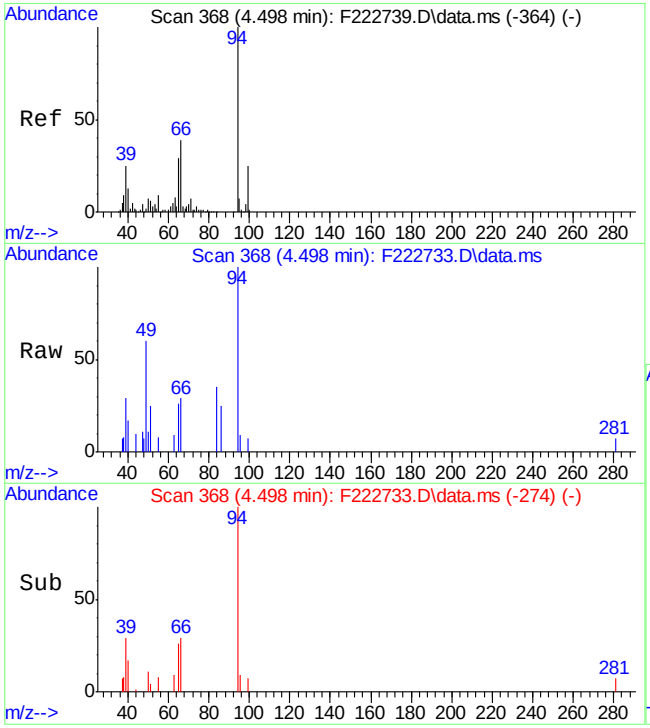


#7
Cumene
Concen: 0.96 ppm
RT: 4.220 min Scan# 316
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:105 Resp: 2905

Ion	Ratio	Lower	Upper
105	100		
120	31.9	0.0	57.2
77	16.0	0.0	46.5

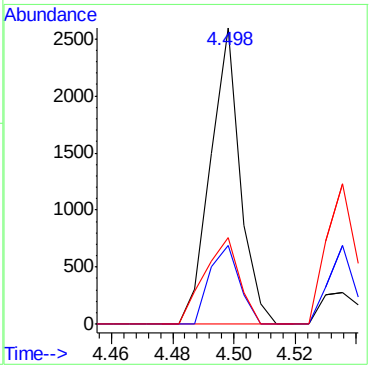


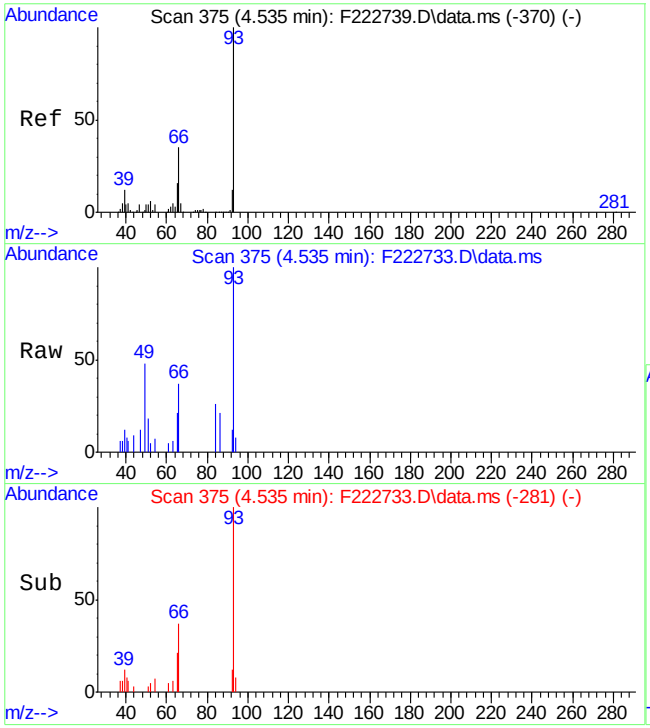


#9
Phenol
Concen: 0.92 ppm
RT: 4.498 min Scan# 368
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 94 Resp: 1742

Ion	Ratio	Lower	Upper
94	100		
65	26.4	0.0	59.0
66	29.2	8.6	68.6

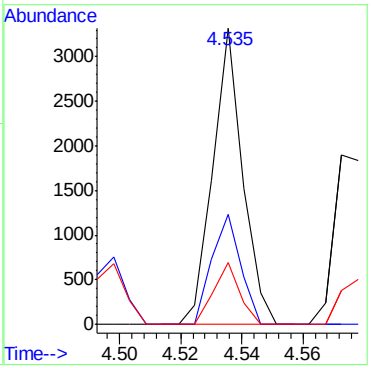


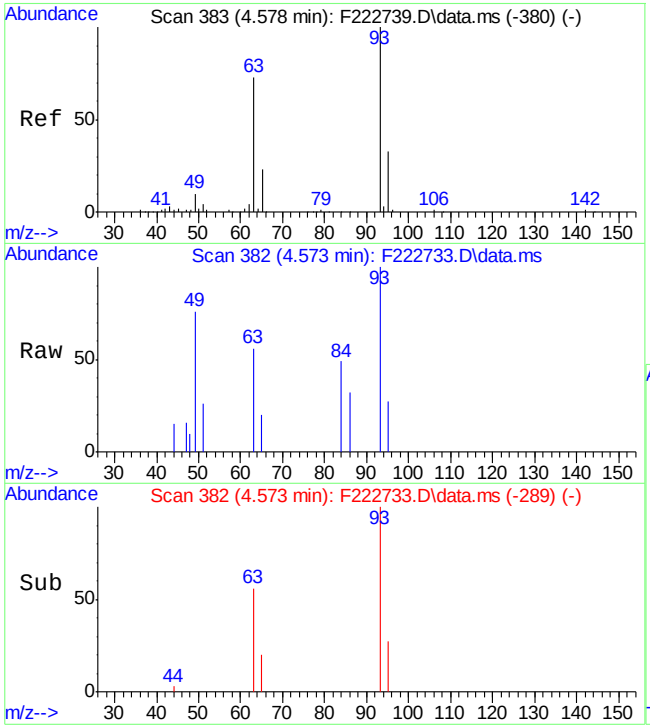


#10
Aniline
Concen: 0.95 ppm
RT: 4.535 min Scan# 375
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 93 Resp: 2246

Ion	Ratio	Lower	Upper
93	100		
66	37.1	6.6	66.6
65	20.7	0.0	47.6

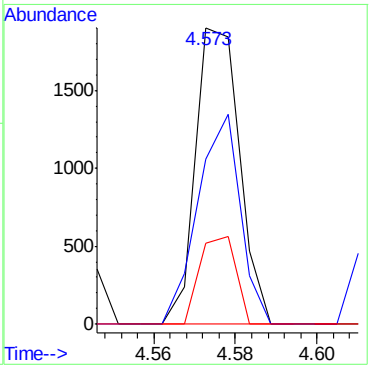


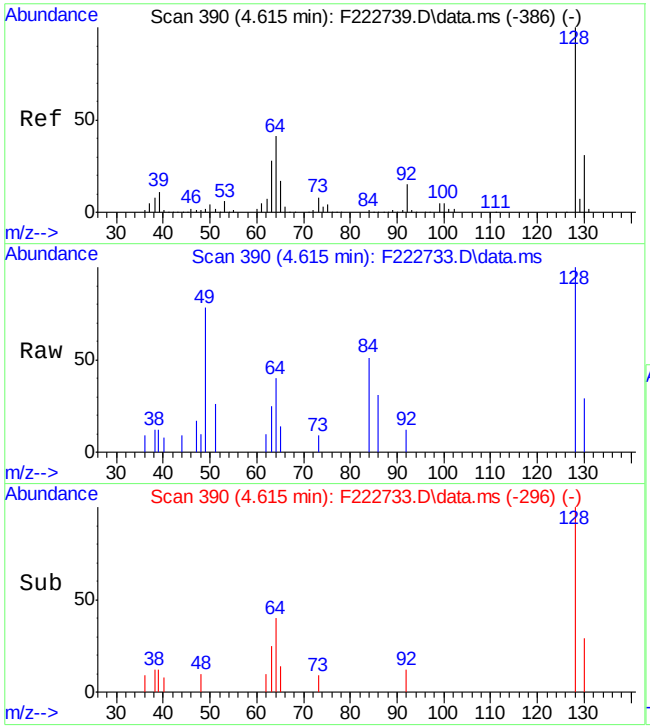


#11
bis(2-Chloroethyl)ether
Concen: 0.98 ppm
RT: 4.573 min Scan# 382
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 93 Resp: 1426

Ion	Ratio	Lower	Upper
93	100		
63	55.9	42.1	102.1
95	27.5	2.4	62.4

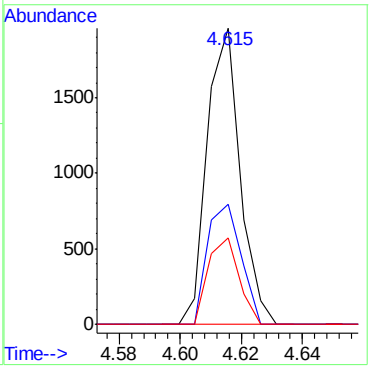


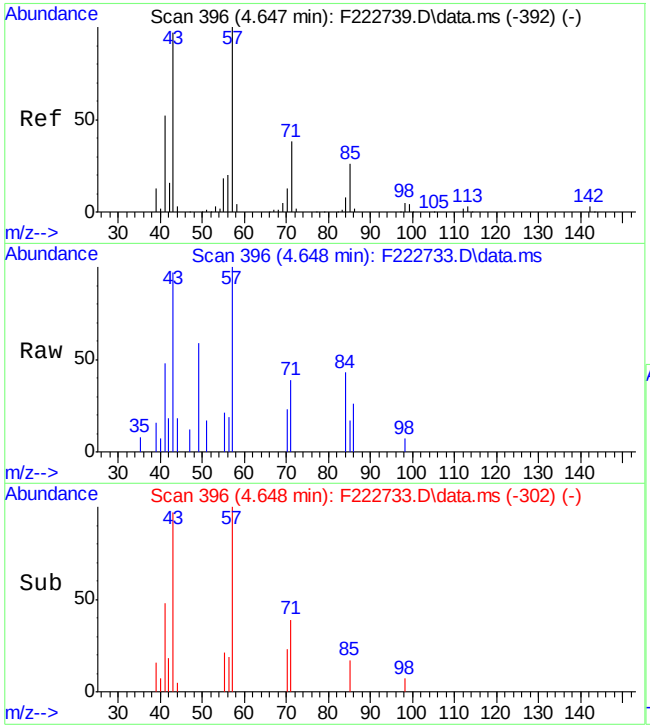


#12
2-Chlorophenol
Concen: 0.89 ppm
RT: 4.615 min Scan# 390
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:128 Resp: 1460

Ion	Ratio	Lower	Upper
128	100		
64	40.4	10.9	70.9
130	29.3	1.2	61.2

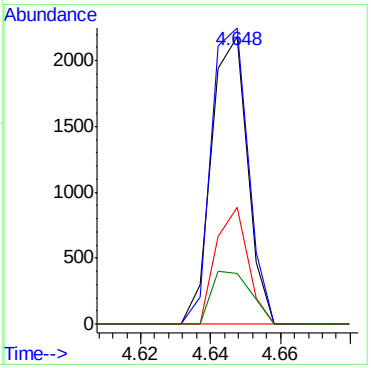


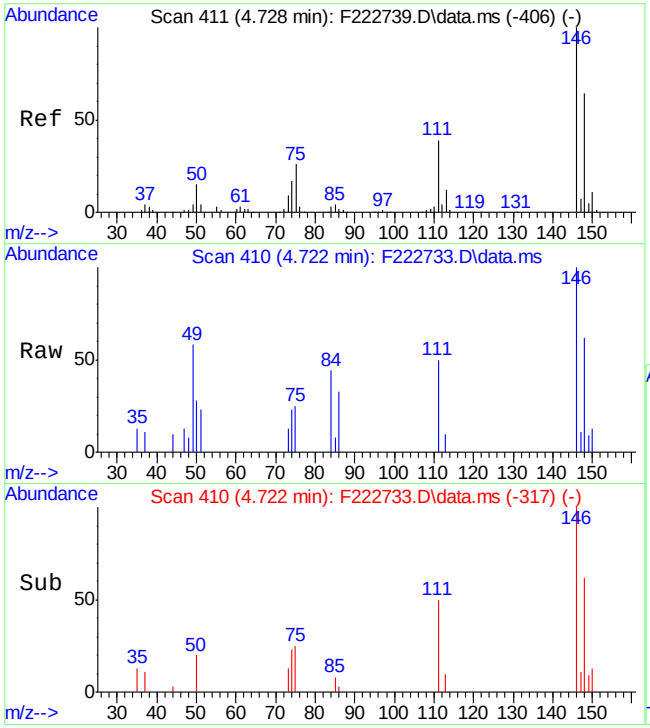


#13
Decane
Concen: 1.01 ppm
RT: 4.648 min Scan# 396
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 43 Resp: 1567

Ion	Ratio	Lower	Upper
43	100		
57	103.1	73.5	133.5
71	40.6	9.4	69.4
85	2.7	0.0	56.4

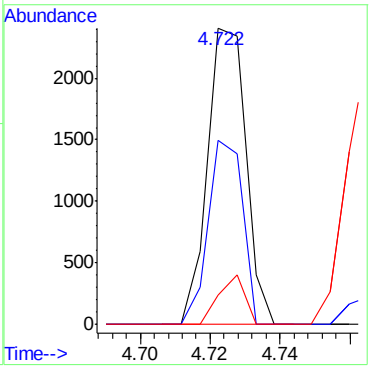


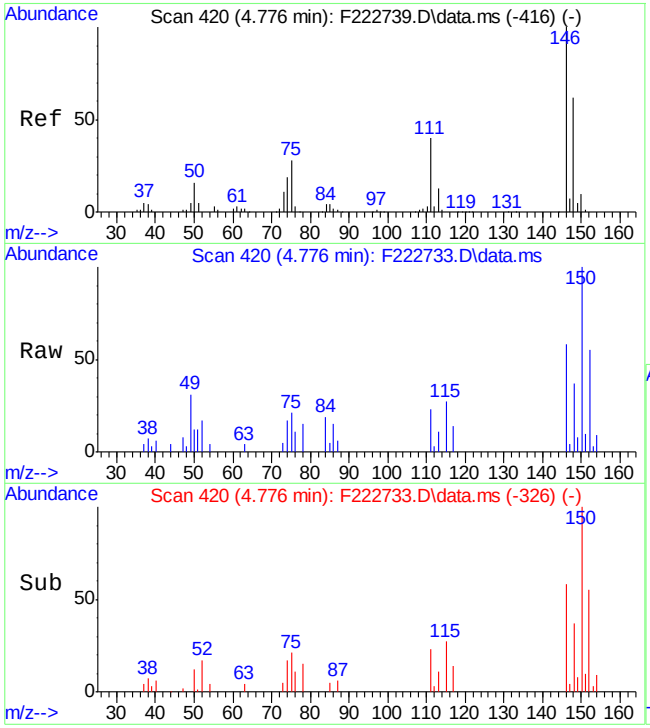


#14
1,3-Dichlorobenzene
Concen: 0.98 ppm
RT: 4.722 min Scan# 410
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:146 Resp: 1843

Ion	Ratio	Lower	Upper
146	100		
148	62.3	33.6	93.6
113	9.8	0.0	41.9

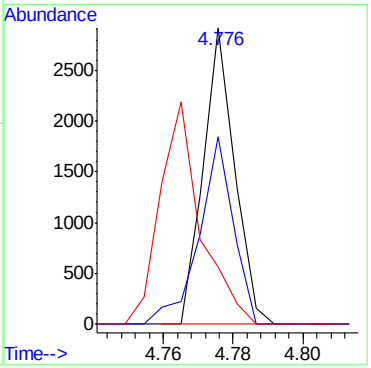


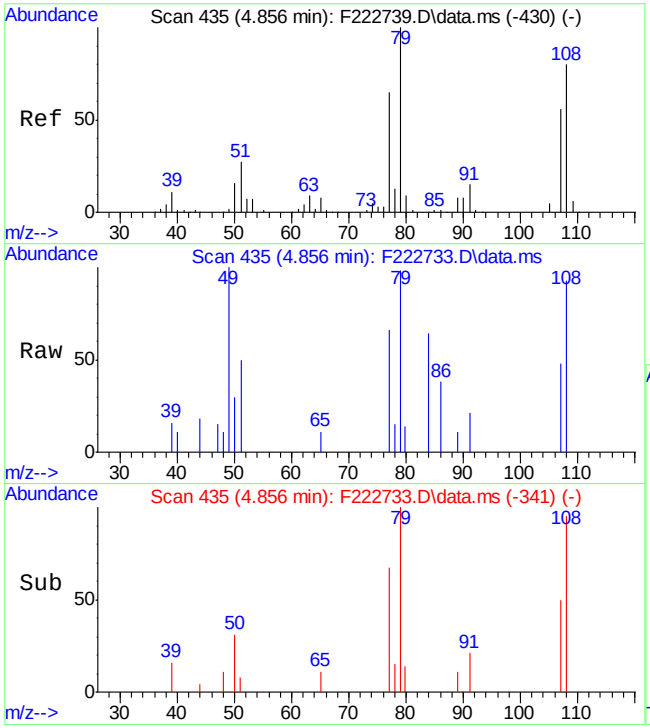


#15
1,4-Dichlorobenzene
Concen: 0.94 ppm
RT: 4.776 min Scan# 420
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:146 Resp: 1820

Ion	Ratio	Lower	Upper
146	100		
148	60.4	32.0	92.0
113	0.0	0.0	42.6

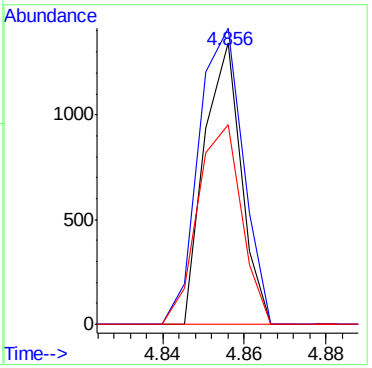


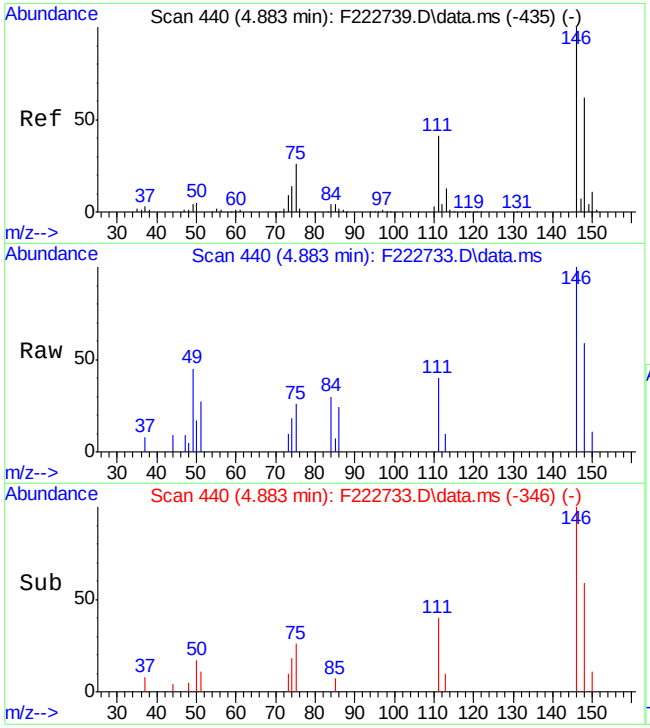


#16
Benzyl alcohol
Concen: 0.83 ppm
RT: 4.856 min Scan# 435
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:108 Resp: 842

Ion	Ratio	Lower	Upper
108	100		
79	105.3	95.7	155.7
77	71.0	51.3	111.3

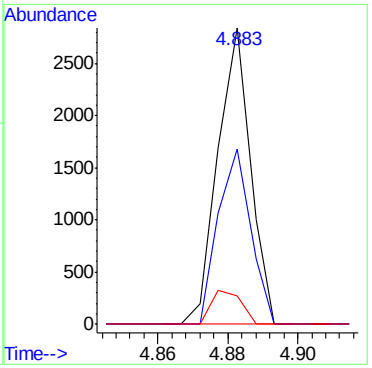


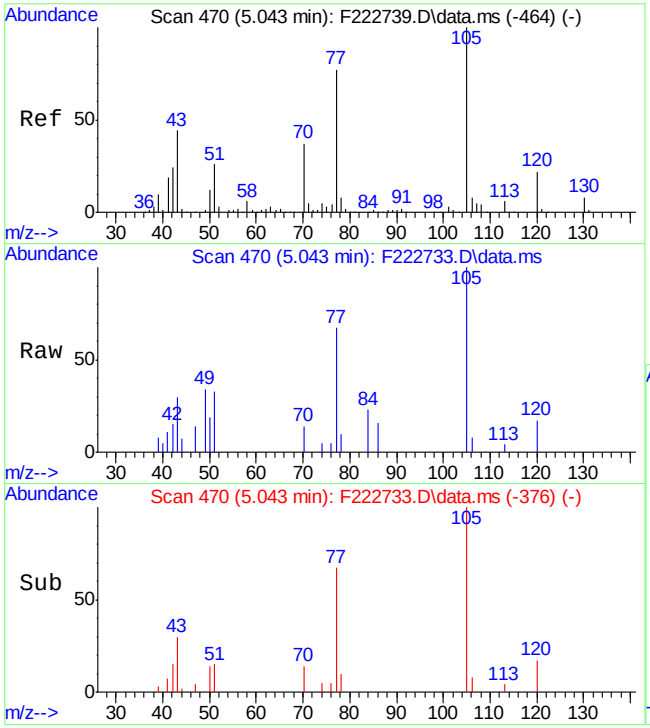


#17
1,2-Dichlorobenzene
Concen: 1.01 ppm
RT: 4.883 min Scan# 440
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:146 Resp: 1838

Ion	Ratio	Lower	Upper
146	100		
148	59.1	31.8	91.8
113	9.7	0.0	42.3

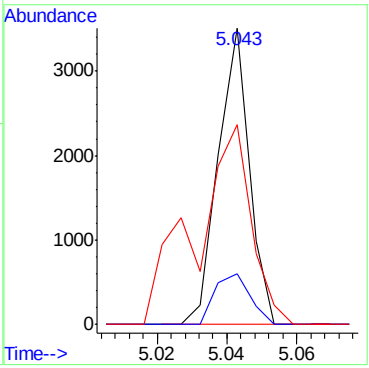


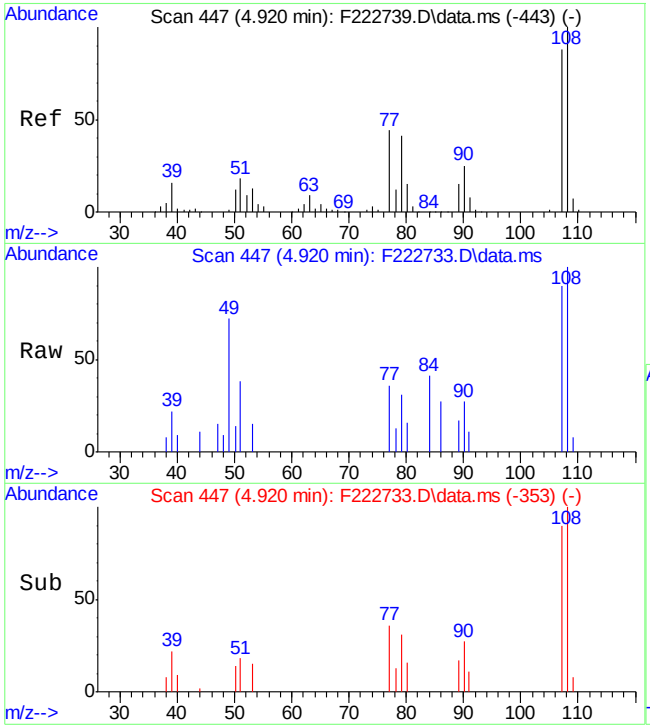


#18
Acetophenone
Concen: 0.92 ppm
RT: 5.043 min Scan# 470
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:105 Resp: 2156

Ion	Ratio	Lower	Upper
105	100		
120	16.9	0.0	51.5
77	53.8	46.5	106.5

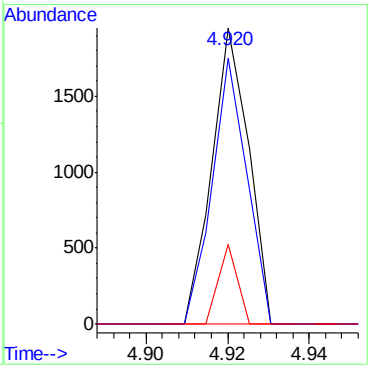


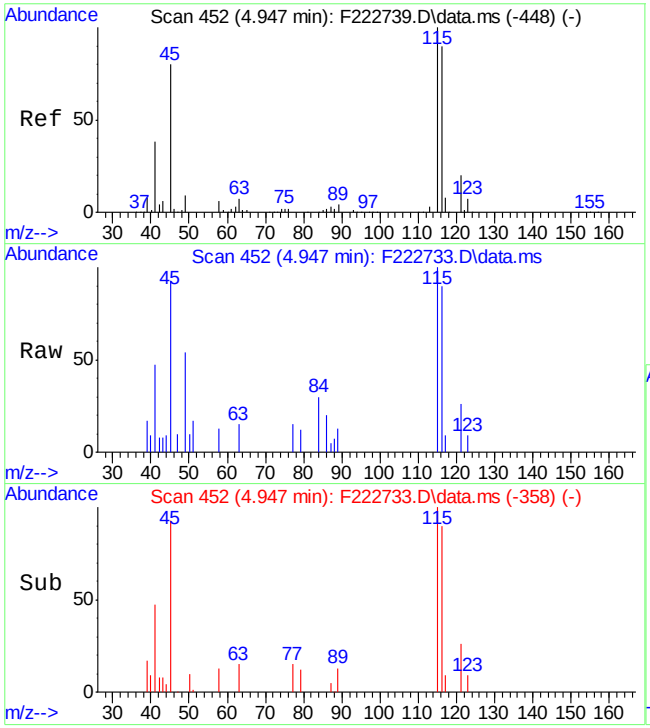


#19
2-Methylphenol
Concen: 0.87 ppm
RT: 4.920 min Scan# 447
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:108 Resp: 1227

Ion	Ratio	Lower	Upper
108	100		
107	89.9	58.3	118.3
90	26.9	0.0	55.3

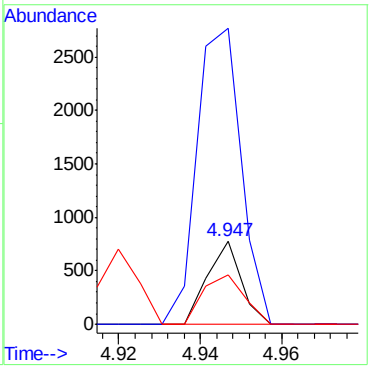


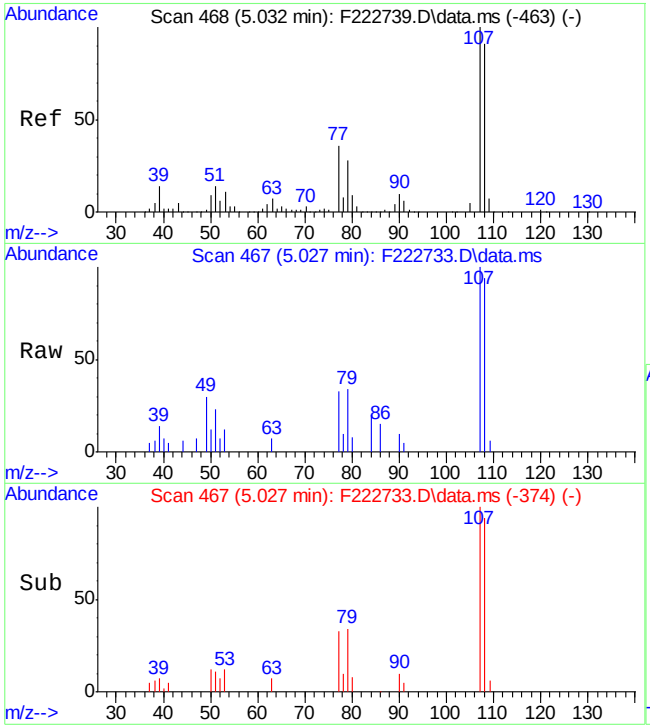


#20
2,2'-oxybis(1-Chloropropane
Concen: 0.99 ppm
RT: 4.947 min Scan# 452
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:121 Resp: 451

Ion	Ratio	Lower	Upper
121	100		
45	354.0	374.4	434.4#
77	58.6	0.0	49.9#

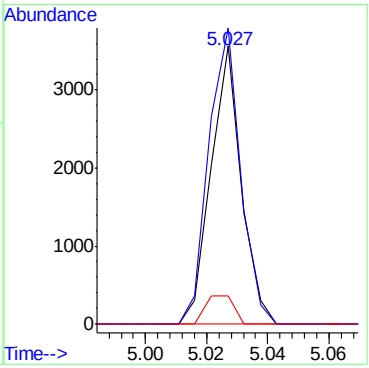


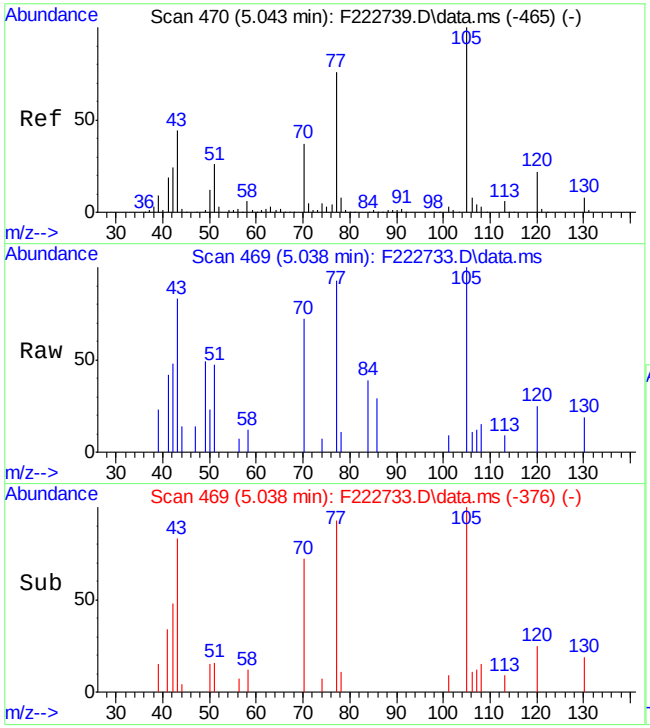


#21
3&4-Methylphenol
Concen: 1.61 ppm
RT: 5.027 min Scan# 467
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:108 Resp: 2448

Ion	Ratio	Lower	Upper
108	100		
107	106.4	80.0	140.0
90	10.3	0.0	41.5

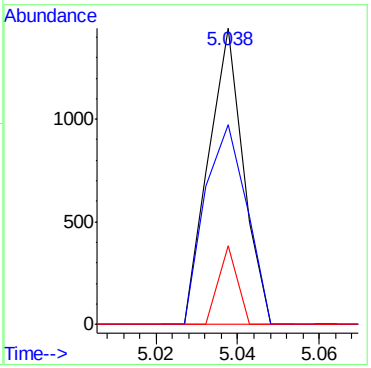


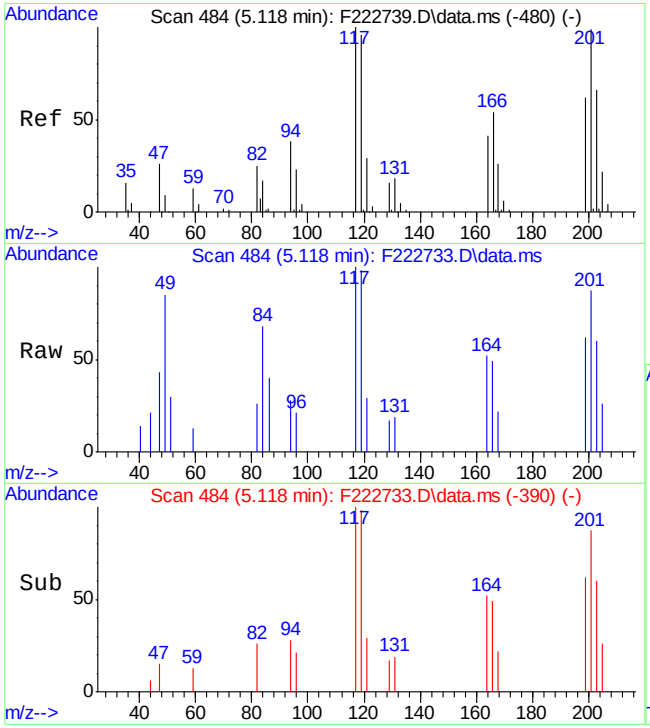


#22
n-Nitroso-di-n-propylamine
Concen: 0.79 ppm
RT: 5.038 min Scan# 469
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 70 Resp: 859

Ion	Ratio	Lower	Upper
70	100		
42	67.5	44.9	83.5
130	26.5	15.4	28.6

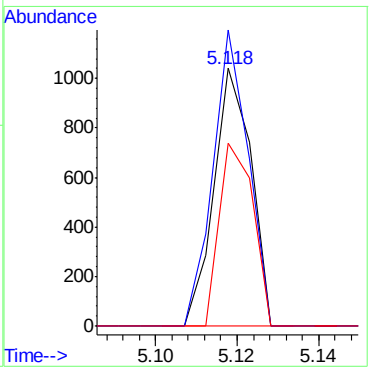


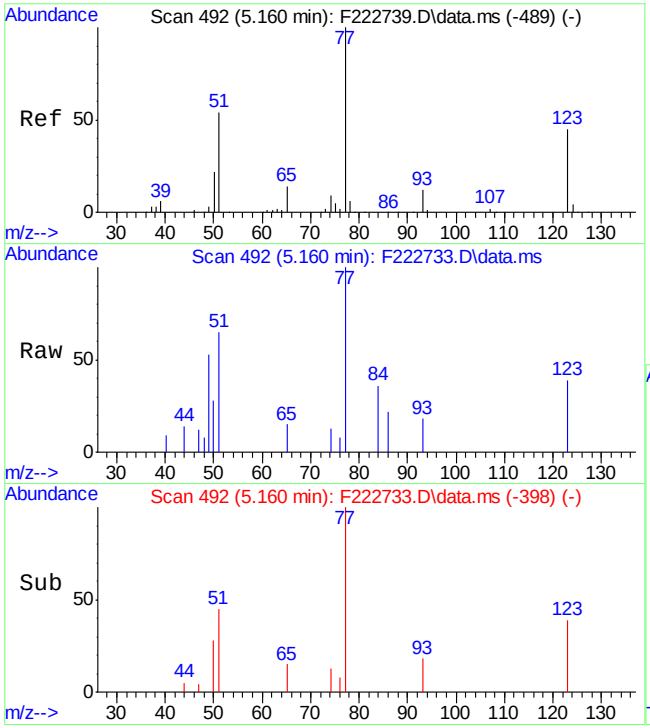


#23
Hexachloroethane
Concen: 0.86 ppm
RT: 5.118 min Scan# 484
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:201 Resp: 662

Ion	Ratio	Lower	Upper
201	100		
117	115.0	70.8	130.8
199	70.9	32.9	92.9

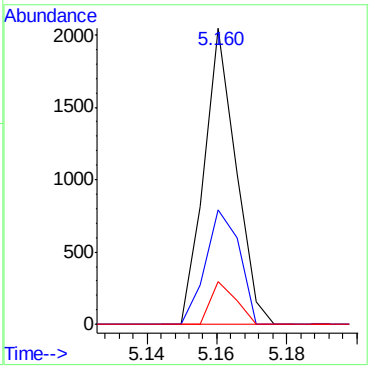


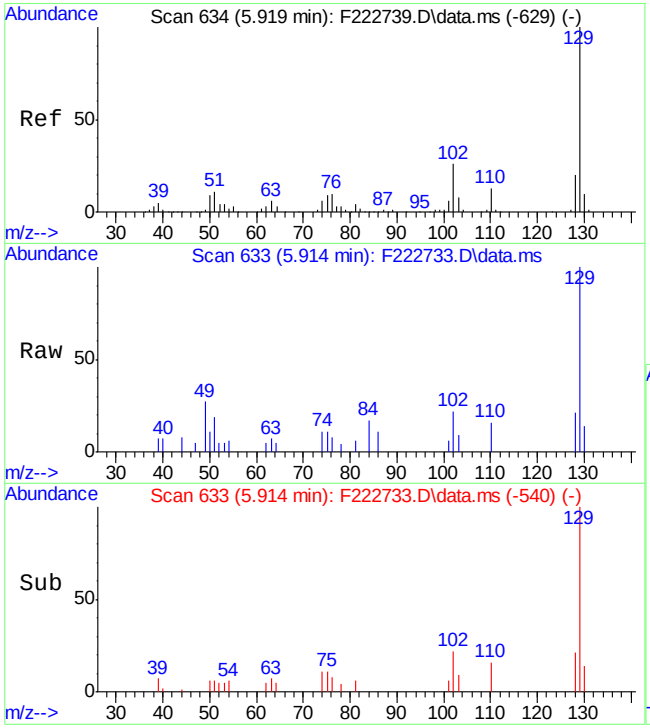


#26
Nitrobenzene
Concen: 0.81 ppm
RT: 5.160 min Scan# 492
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 77 Resp: 1303

Ion	Ratio	Lower	Upper
77	100		
123	38.7	14.9	74.9
65	14.6	0.0	44.3

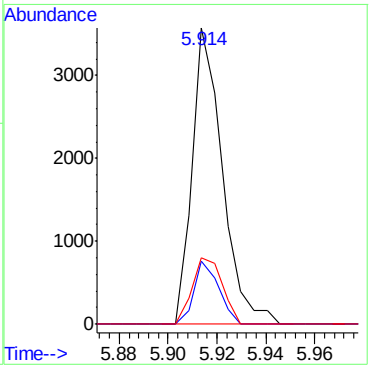


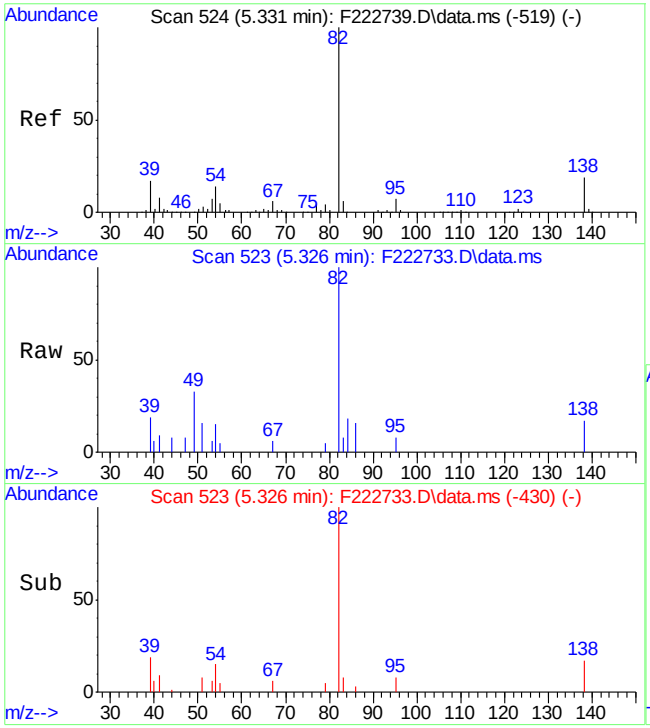


#27
Quinoline
Concen: 0.97 ppm
RT: 5.914 min Scan# 633
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:129 Resp: 3072

Ion	Ratio	Lower	Upper
129	100		
128	21.2	0.0	49.8
102	22.4	0.0	55.7

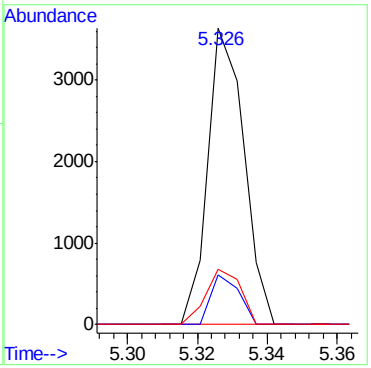


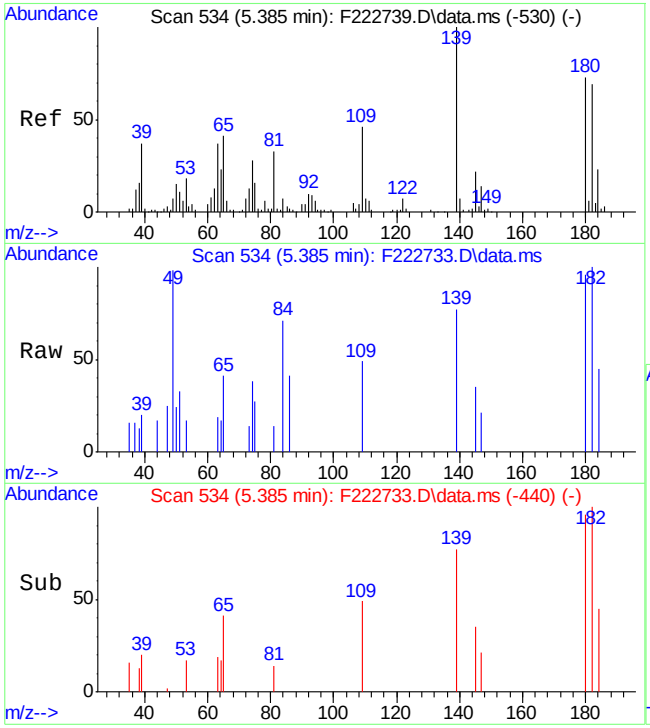


#28
Isophorone
Concen: 0.92 ppm
RT: 5.326 min Scan# 523
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 82 Resp: 2622

Ion	Ratio	Lower	Upper
82	100		
138	16.8	0.0	48.7
39	18.7	0.0	46.7

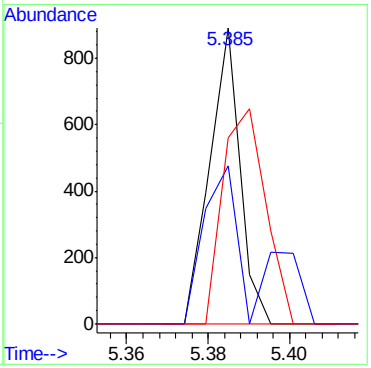


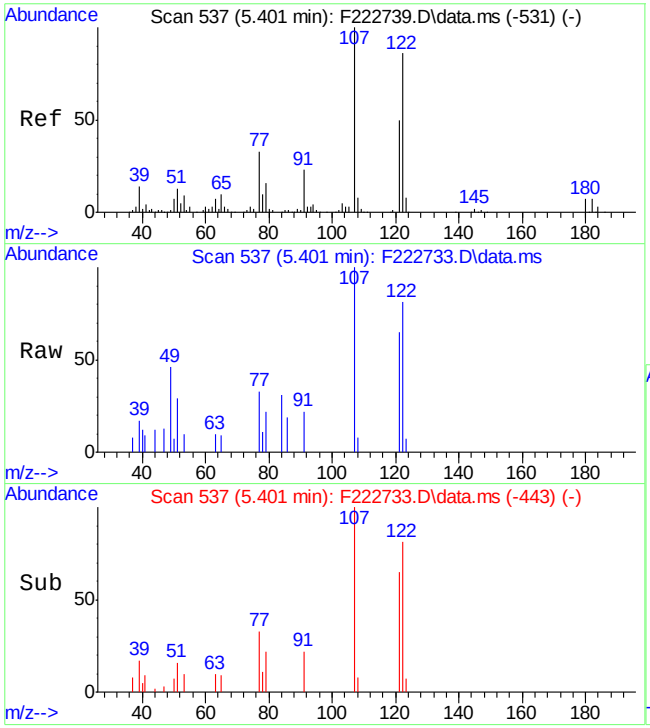


#29
2-Nitrophenol
Concen: 0.60 ppm
RT: 5.385 min Scan# 534
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:139 Resp: 460

Ion	Ratio	Lower	Upper
139	100		
65	41.4	10.5	70.5
109	63.0	16.1	76.1

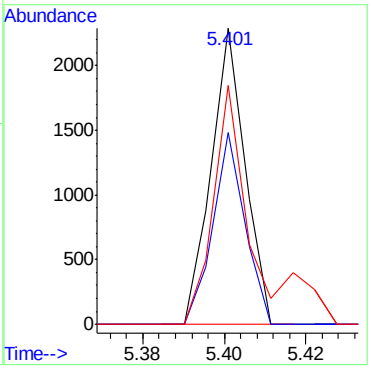


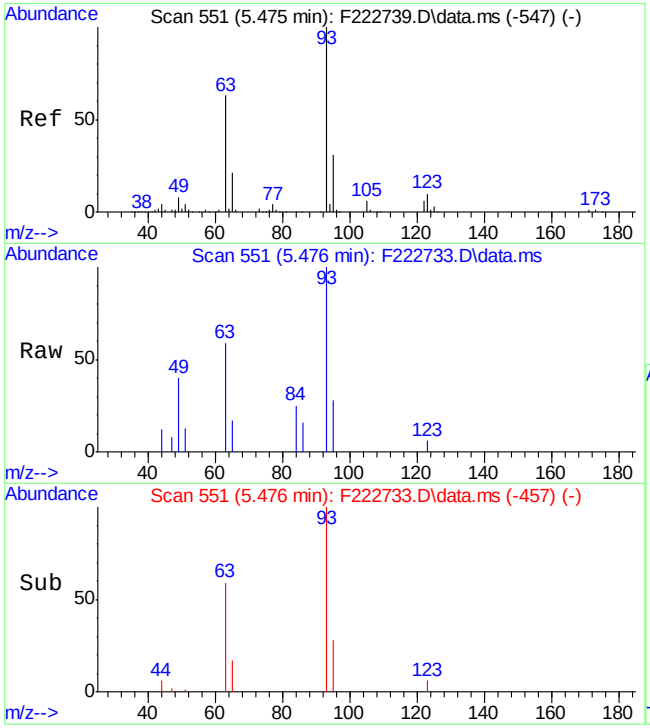


#30
2,4-Dimethylphenol
Concen: 0.82 ppm
RT: 5.401 min Scan# 537
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:107 Resp: 1324

Ion	Ratio	Lower	Upper
107	100		
121	64.7	20.1	80.1
122	71.8	49.3	109.3

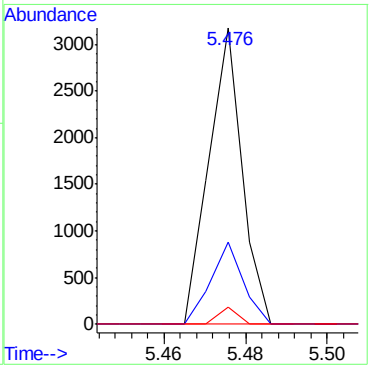


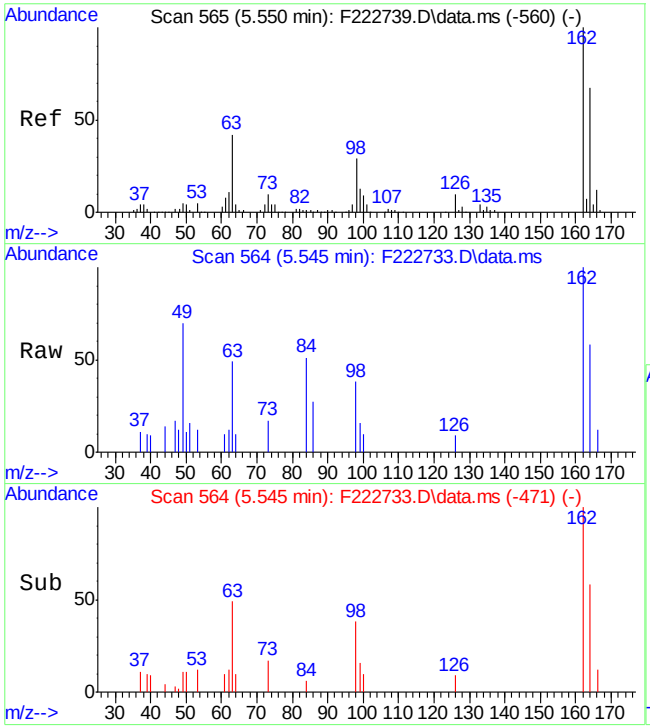


#32
bis(2-Chloroethoxy)methane
Concen: 0.97 ppm
RT: 5.476 min Scan# 551
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 93 Resp: 1798

Ion	Ratio	Lower	Upper
93	100		
95	27.5	1.4	61.4
123	5.9	0.0	40.0

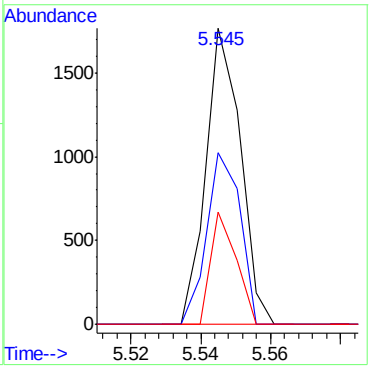


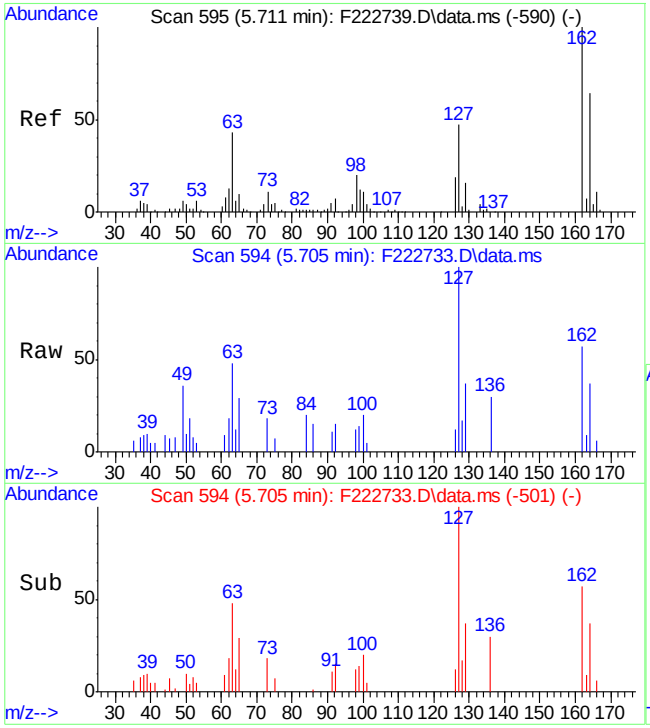


#33
2,4-Dichlorophenol
Concen: 0.85 ppm
RT: 5.545 min Scan# 564
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:162 Resp: 1213

Ion	Ratio	Lower	Upper
162	100		
164	58.2	36.7	96.7
98	37.8	0.0	59.1

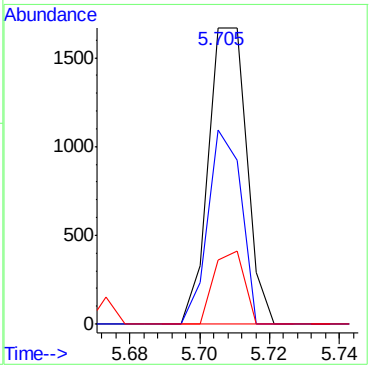


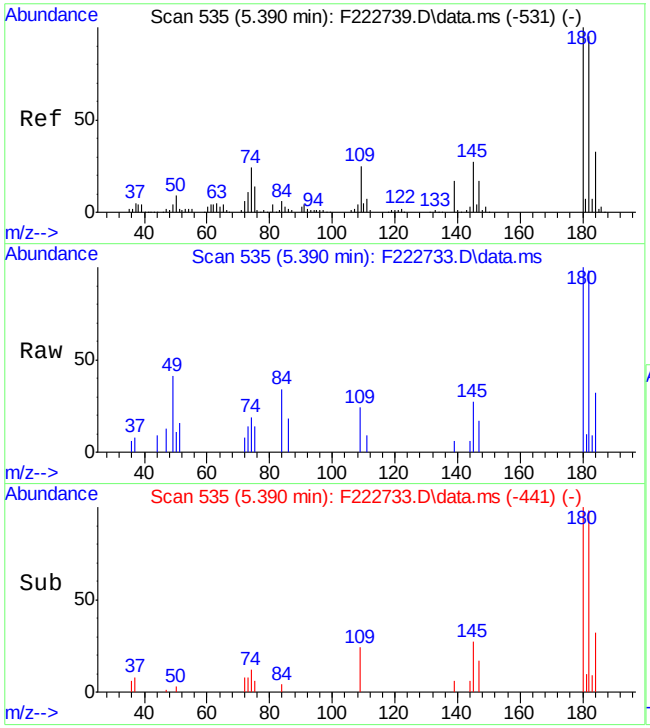


#34
2,6-Dichlorophenol
Concen: 0.86 ppm
RT: 5.705 min Scan# 594
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:162 Resp: 1267

Ion	Ratio	Lower	Upper
162	100		
164	65.4	34.3	94.3
98	21.8	0.0	49.7

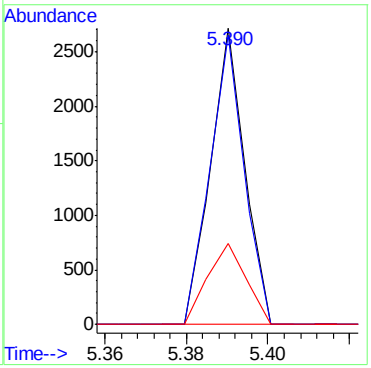


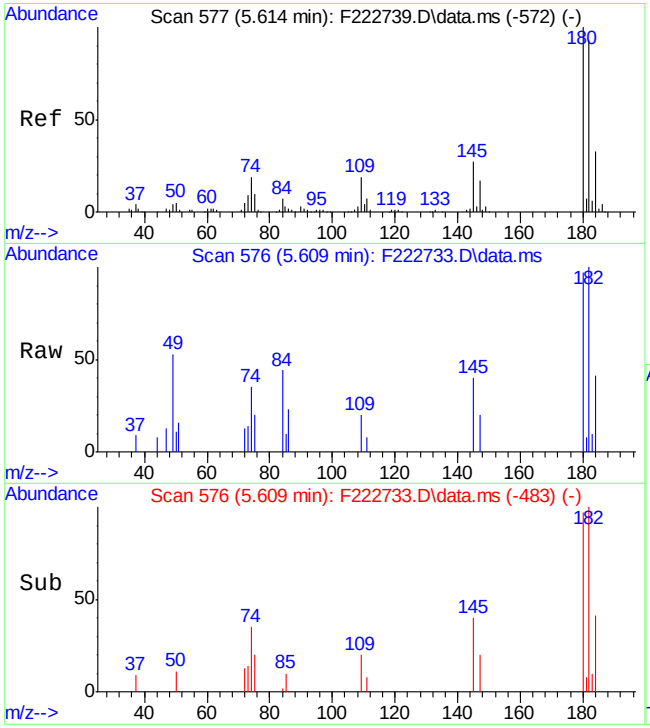


#35
1,3,5-Trichlorobenzene
Concen: 0.87 ppm
RT: 5.390 min Scan# 535
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:180 Resp: 1579

Ion	Ratio	Lower	Upper
180	100		
182	97.8	65.3	125.3
145	27.1	0.0	57.4

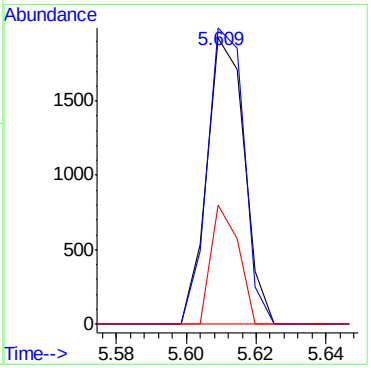


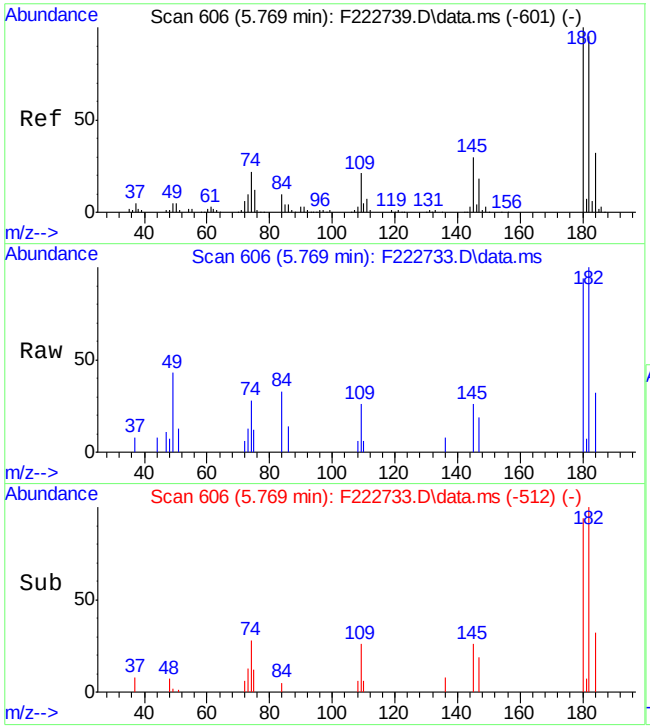


#36
1,2,4-Trichlorobenzene
Concen: 0.85 ppm
RT: 5.609 min Scan# 576
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:180 Resp: 1452

Ion	Ratio	Lower	Upper
180	100		
182	103.3	63.3	123.3
145	41.4	0.0	56.9

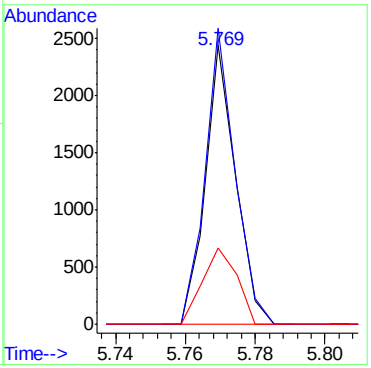


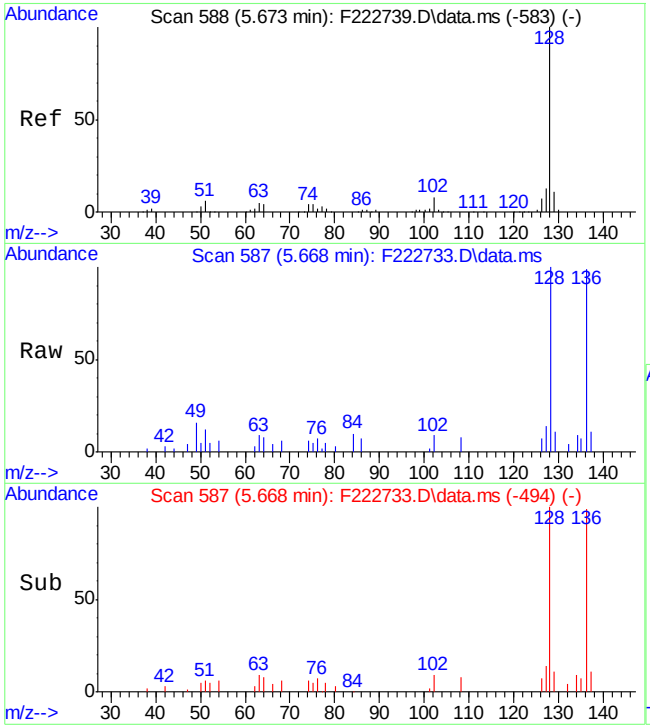


#37
1,2,3-Trichlorobenzene
Concen: 0.85 ppm
RT: 5.769 min Scan# 606
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:180 Resp: 1485

Ion	Ratio	Lower	Upper
180	100		
182	105.8	64.7	124.7
145	27.5	0.0	59.8

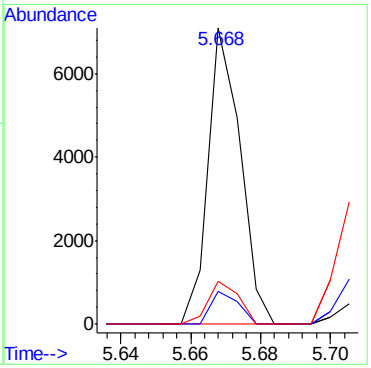


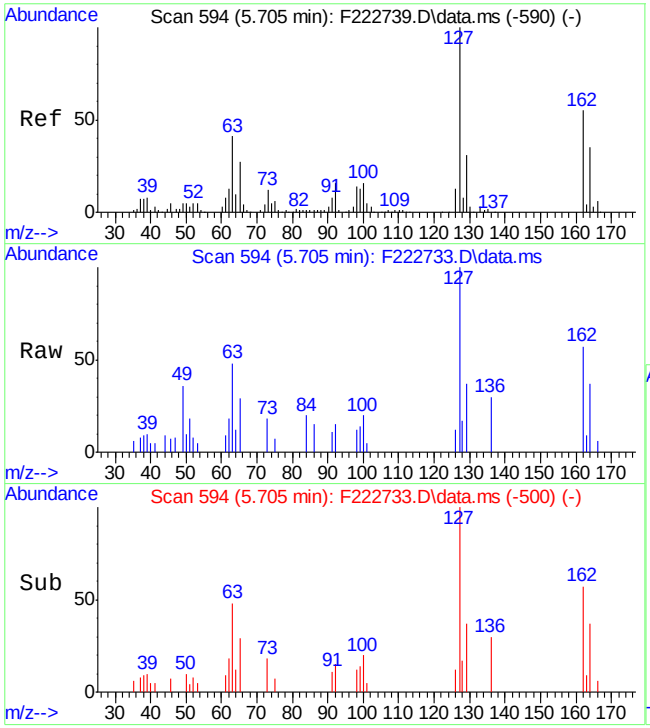


#38
Naphthalene
Concen: 0.94 ppm
RT: 5.668 min Scan# 587
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:128 Resp: 4541

Ion	Ratio	Lower	Upper
128	100		
129	11.2	0.0	40.5
127	14.4	0.0	42.8

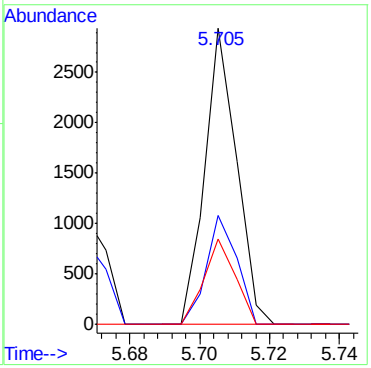


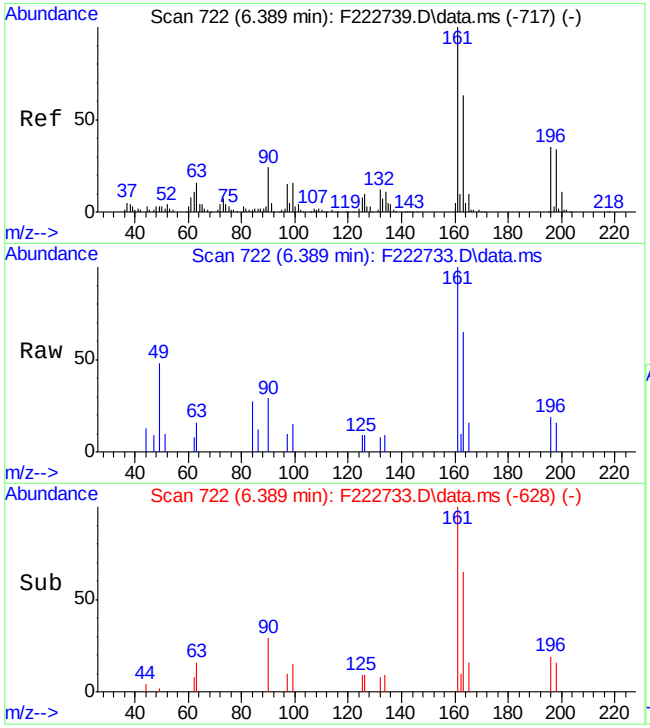


#39
4-Chloroaniline
Concen: 0.88 ppm
RT: 5.705 min Scan# 594
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:127 Resp: 1859

Ion	Ratio	Lower	Upper
127	100		
129	36.7	1.4	61.4
65	28.6	0.0	57.0

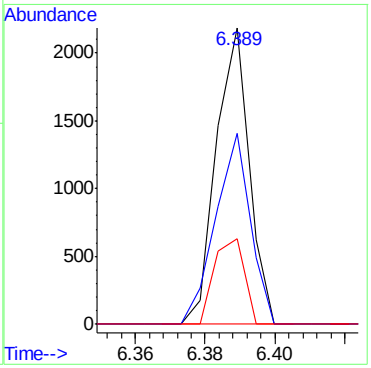


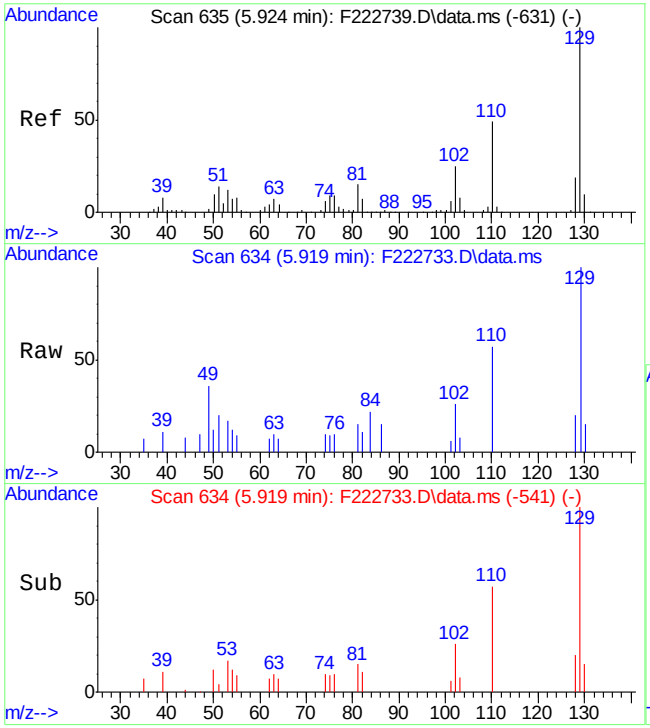


#40
2,3-Dichloroaniline
Concen: 0.83 ppm
RT: 6.389 min Scan# 722
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:161 Resp: 1425

Ion	Ratio	Lower	Upper
161	100		
163	64.5	32.9	92.9
90	28.8	0.0	54.3

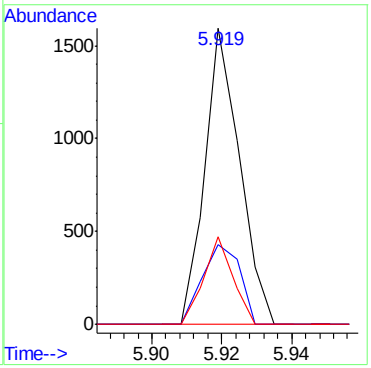


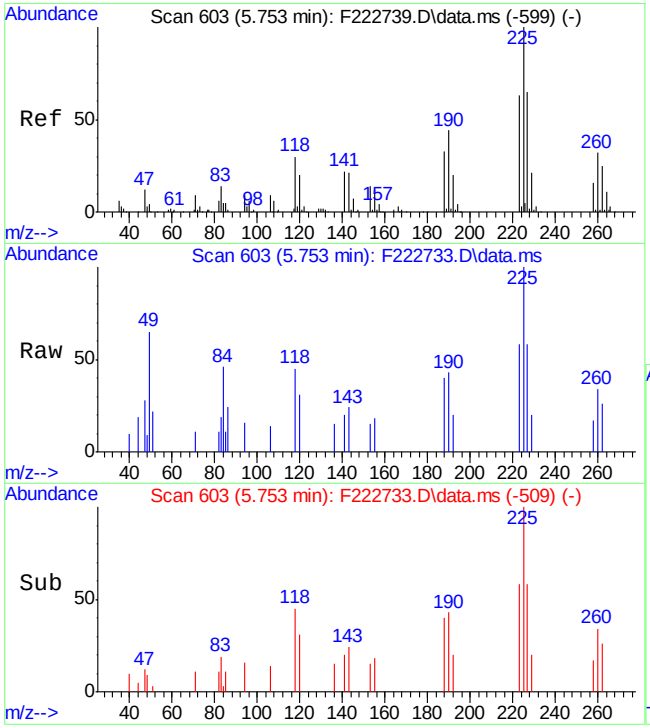


#41
Hydroquinone
Concen: 0.78 ppm
RT: 5.919 min Scan# 634
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:110 Resp: 1110

Ion	Ratio	Lower	Upper
110	100		
81	27.1	0.7	60.7
53	29.6	0.0	54.6

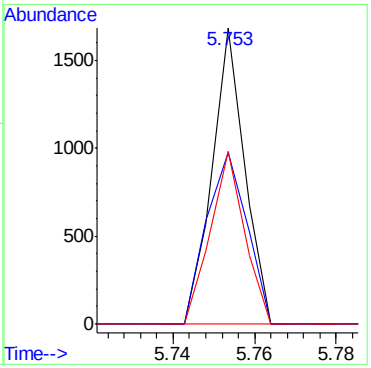


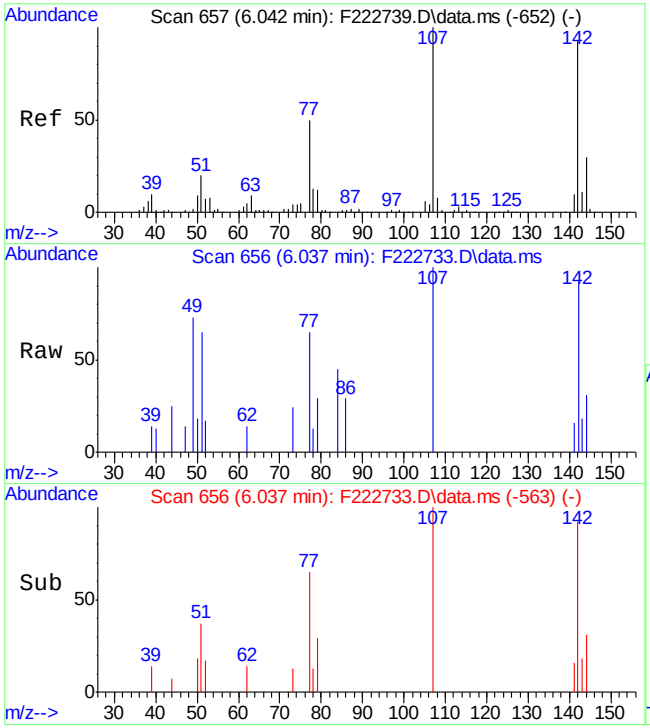


#42
Hexachlorobutadiene
Concen: 0.85 ppm
RT: 5.753 min Scan# 603
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:225 Resp: 940

Ion	Ratio	Lower	Upper
225	100		
223	58.0	33.1	93.1
227	58.4	35.0	95.0

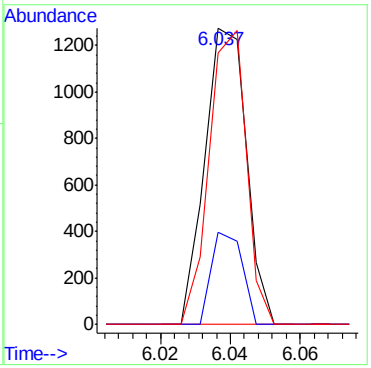


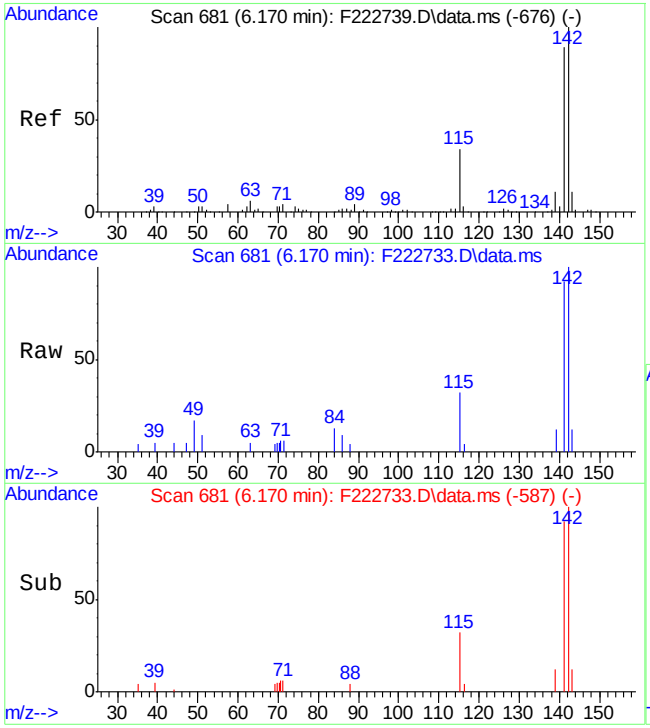


#43
4-Chloro-3-methylphenol
Concen: 0.79 ppm
RT: 6.037 min Scan# 656
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:107 Resp: 1051

Ion	Ratio	Lower	Upper
107	100		
144	31.1	0.0	59.6
142	91.8	62.6	122.6

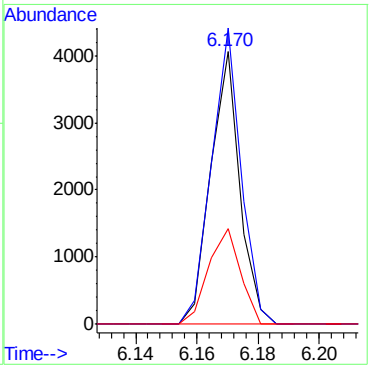


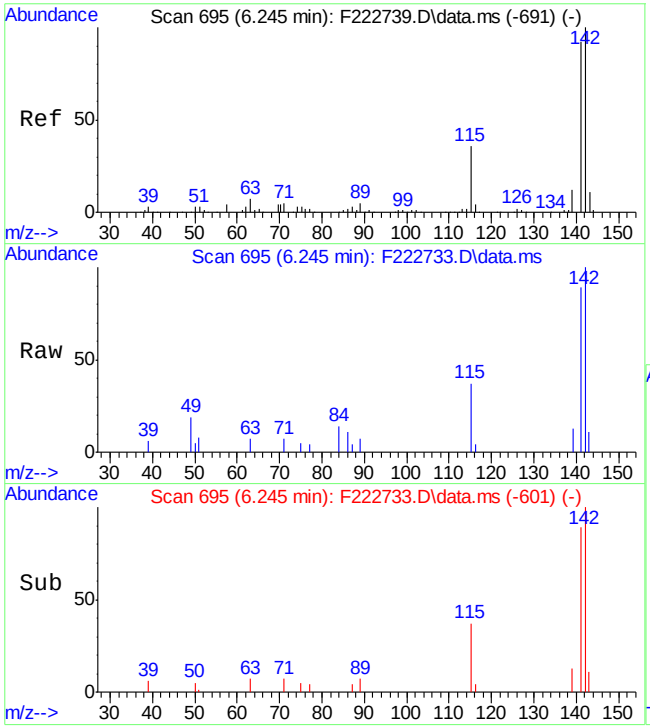


#44
2-Methylnaphthalene
Concen: 0.91 ppm
RT: 6.170 min Scan# 681
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:141 Resp: 2677

Ion	Ratio	Lower	Upper
141	100		
142	108.4	82.0	142.0
115	34.8	8.2	68.2

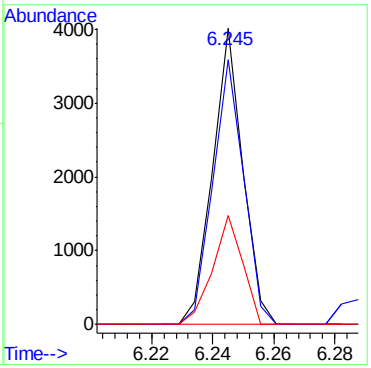


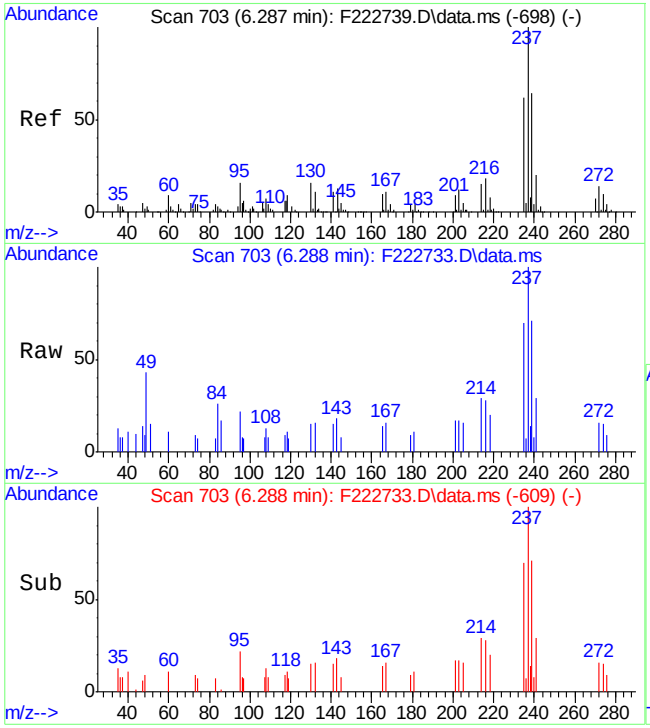


#45
1-Methylnaphthalene
Concen: 0.91 ppm
RT: 6.245 min Scan# 695
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:142 Resp: 2758

Ion	Ratio	Lower	Upper
142	100		
141	89.4	61.5	121.5
115	36.7	5.8	65.8

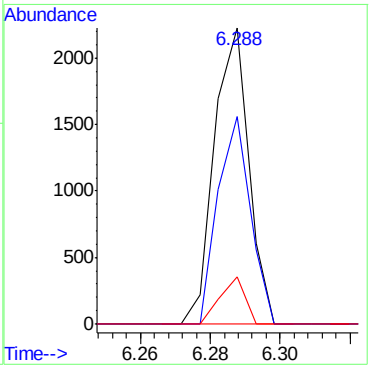


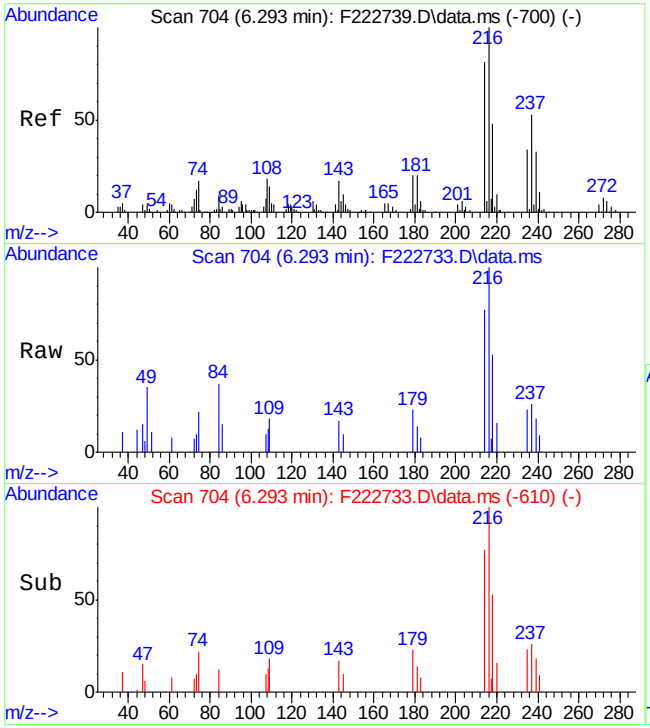


#47
Hexachlorocyclopentadiene
Concen: 1.38 ppm
RT: 6.288 min Scan# 703
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:237 Resp: 1521

Ion	Ratio	Lower	Upper
237	100		
235	70.1	32.2	92.2
272	15.9	0.0	43.6

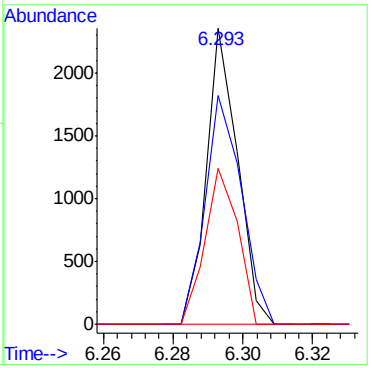


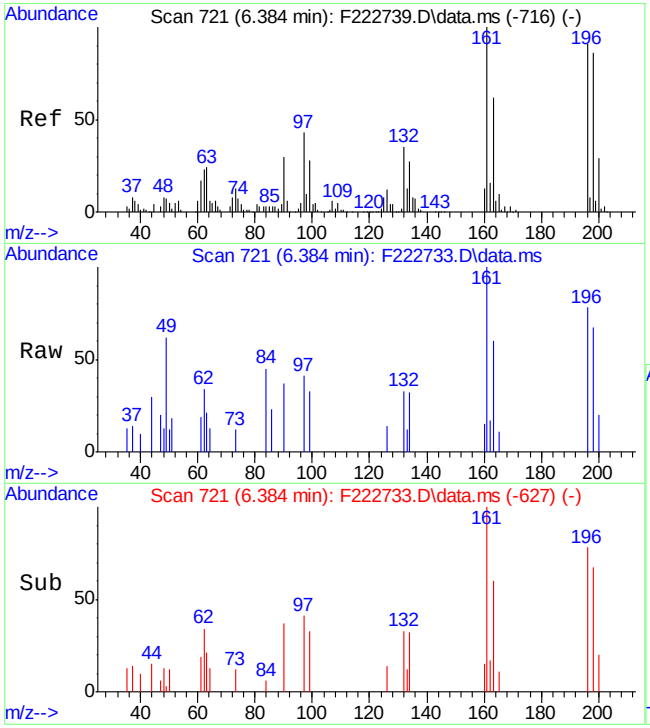


#48
1,2,4,5-tetrachlorobenzene
Concen: 0.78 ppm
RT: 6.293 min Scan# 704
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:216 Resp: 1460

Ion	Ratio	Lower	Upper
216	100		
214	90.4	55.4	103.0
218	55.3	33.4	62.0

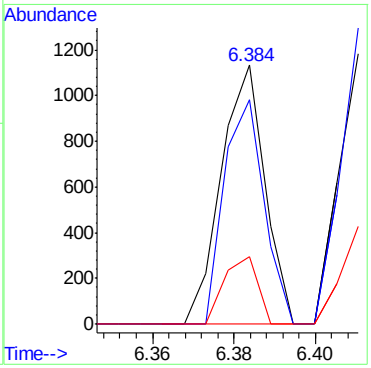


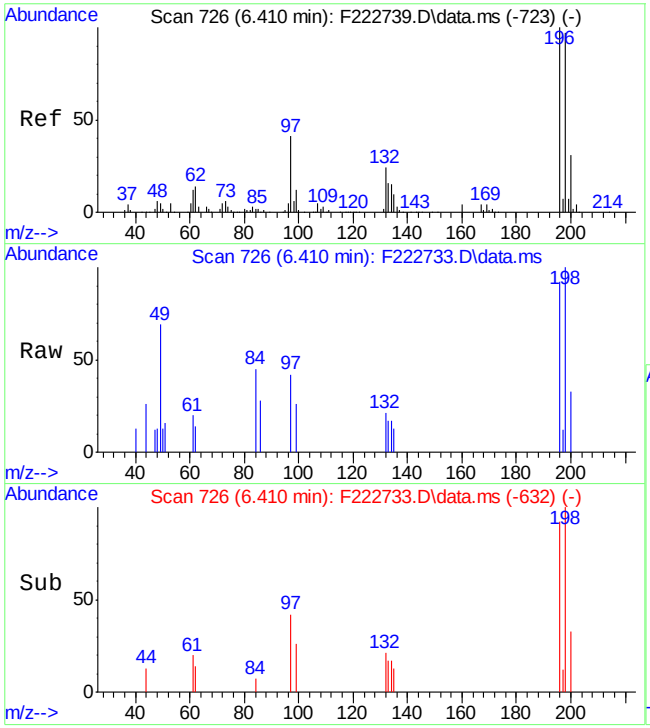


#49
2,4,6-Trichlorophenol
Concen: 0.75 ppm
RT: 6.384 min Scan# 721
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:196 Resp: 850

Ion	Ratio	Lower	Upper
196	100		
198	86.5	64.2	124.2
200	26.1	2.2	62.2

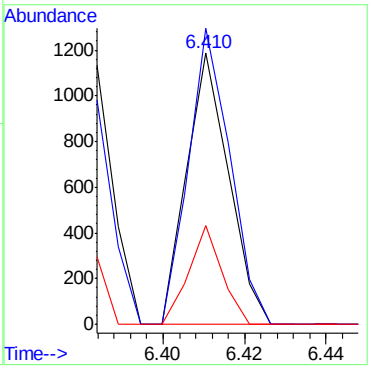


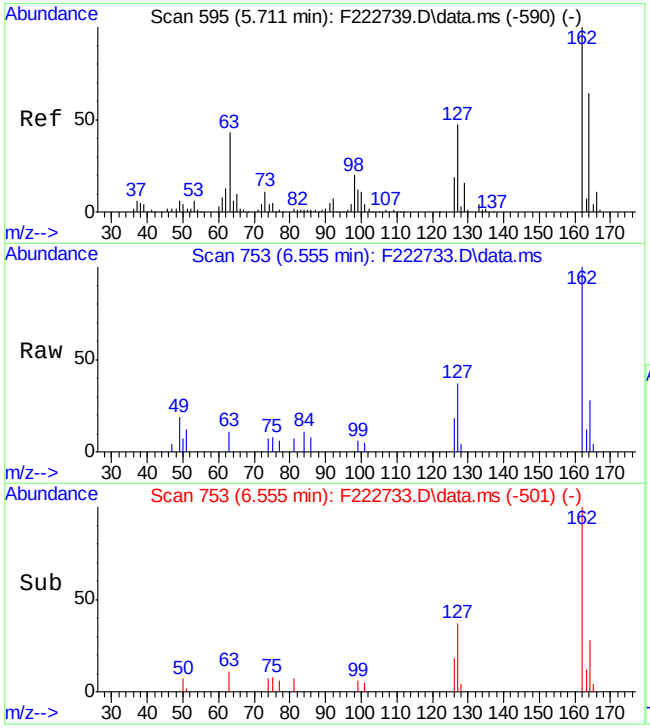


#50
2,4,5-Trichlorophenol
Concen: 0.67 ppm
RT: 6.410 min Scan# 726
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:196 Resp: 851

Ion	Ratio	Lower	Upper
196	100		
198	109.3	67.0	127.0
200	36.3	1.2	61.2

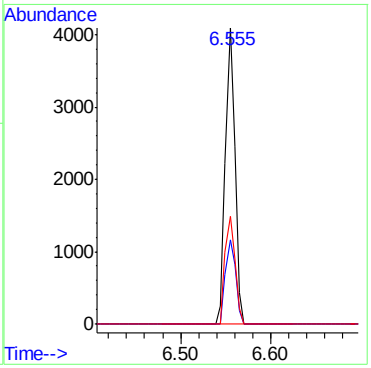


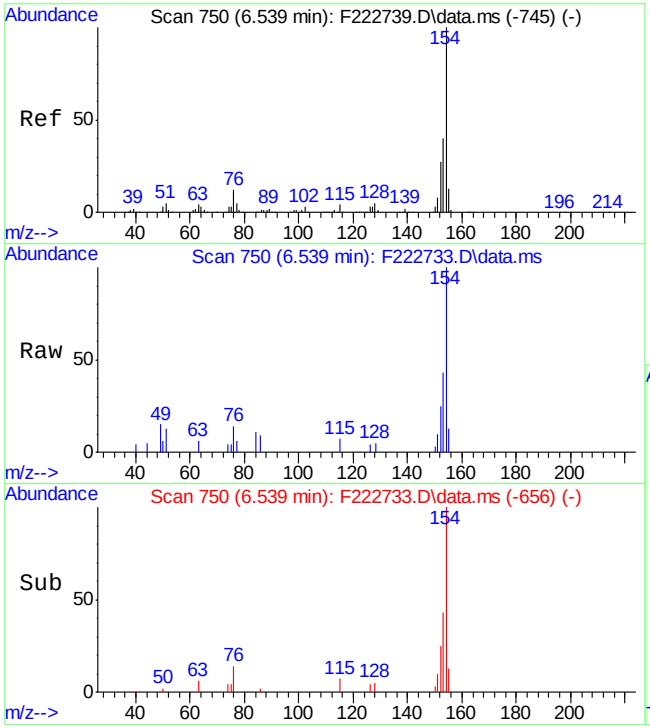


#52
2-Chloronaphthalene
Concen: 2.08 ppm m
RT: 6.555 min Scan# 753
Delta R.T. 0.844 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:162 Resp: 3031

Ion	Ratio	Lower	Upper
162	100		
164	28.4	34.3	94.3#
127	36.5	16.9	76.9

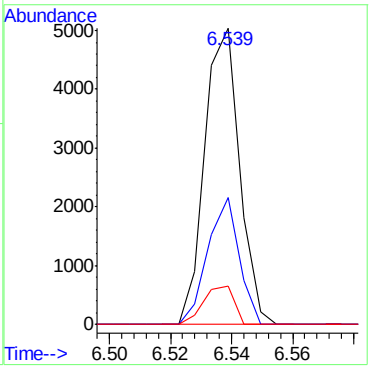


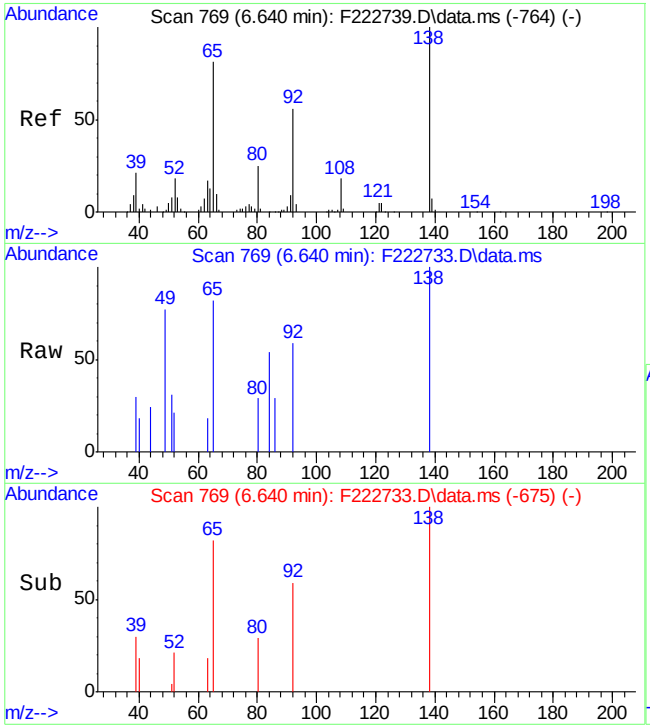


#53
Biphenyl
Concen: 0.94 ppm
RT: 6.539 min Scan# 750
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:154 Resp: 3966

Ion	Ratio	Lower	Upper
154	100		
153	42.7	9.8	69.8
155	12.9	0.0	42.7

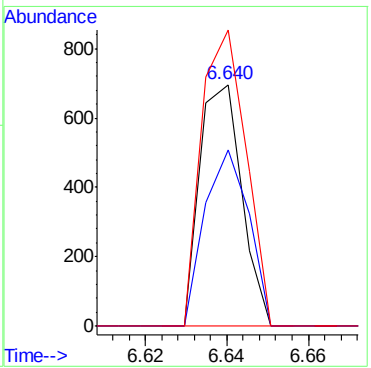


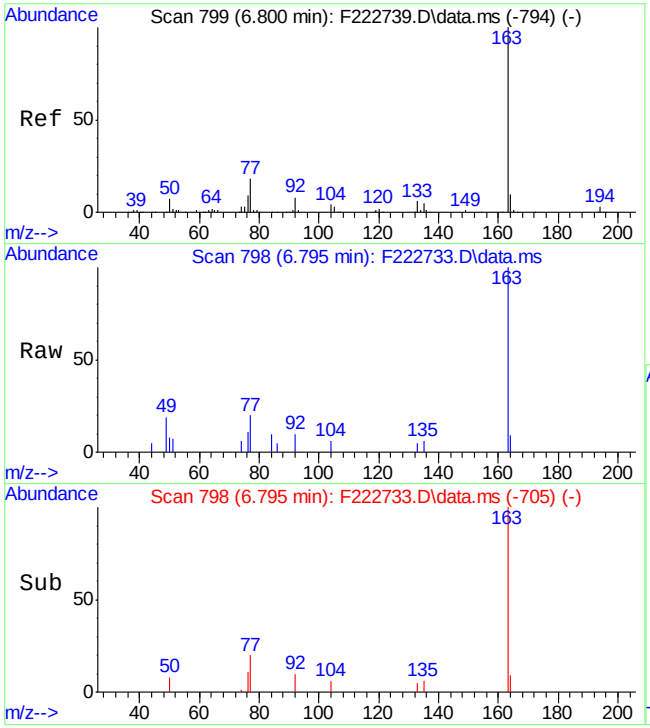


#54
2-Nitroaniline
Concen: 0.64 ppm
RT: 6.640 min Scan# 769
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 65 Resp: 499

Ion	Ratio	Lower	Upper
65	100		
92	72.7	38.6	98.6
138	122.5	93.5	153.5

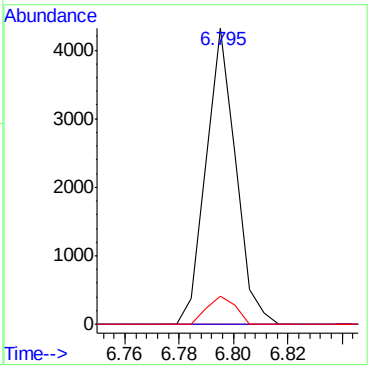


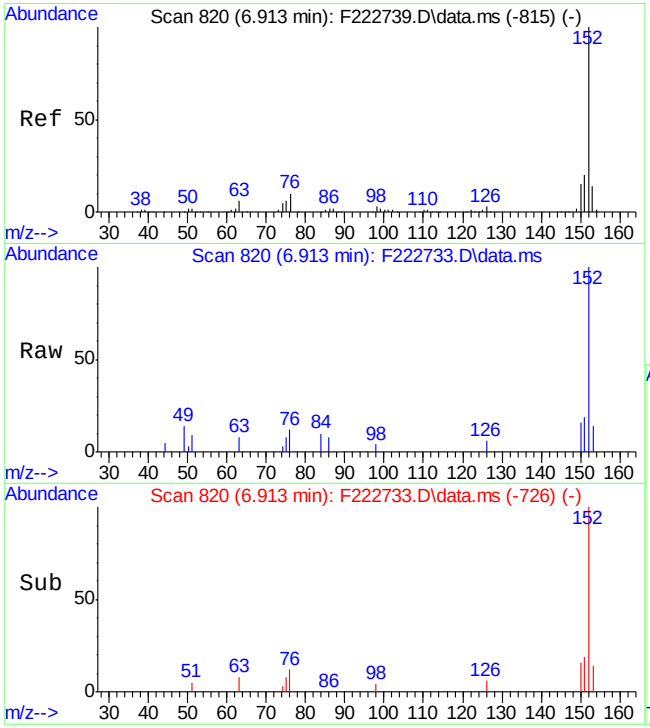


#55
Dimethylphthalate
Concen: 0.90 ppm
RT: 6.795 min Scan# 798
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:163 Resp: 3266

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	33.4
164	9.4	0.0	40.3

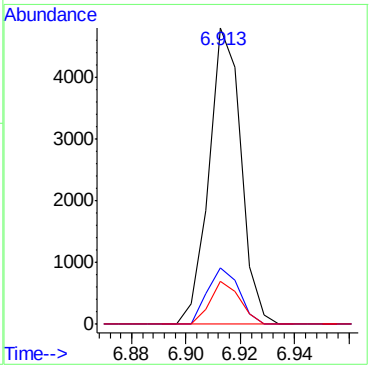


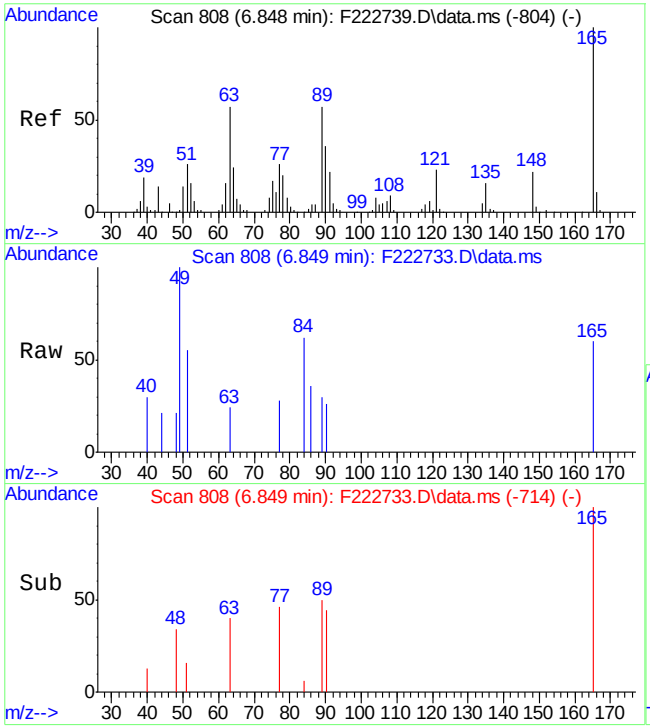


#56
Acenaphthylene
Concen: 0.84 ppm
RT: 6.913 min Scan# 820
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:152 Resp: 3904

Ion	Ratio	Lower	Upper
152	100		
151	19.0	0.0	49.9
153	14.3	0.0	43.5

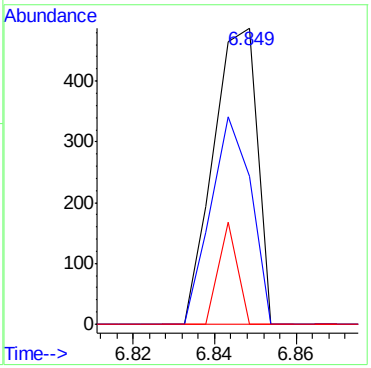


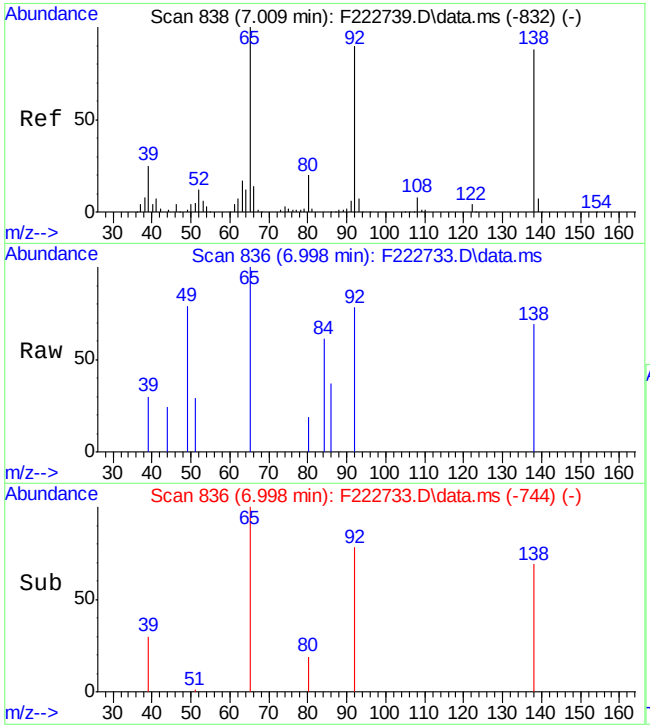


#57
2,6-Dinitrotoluene
Concen: 0.53 ppm
RT: 6.849 min Scan# 808
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:165 Resp: 367

Ion	Ratio	Lower	Upper
165	100		
89	50.1	27.1	87.1
121	0.0	0.0	52.5

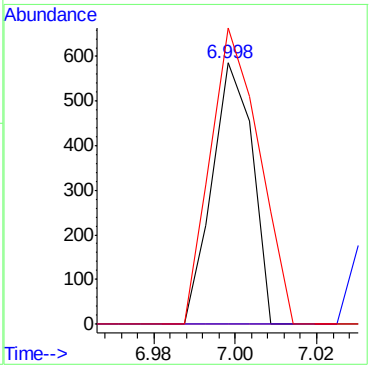


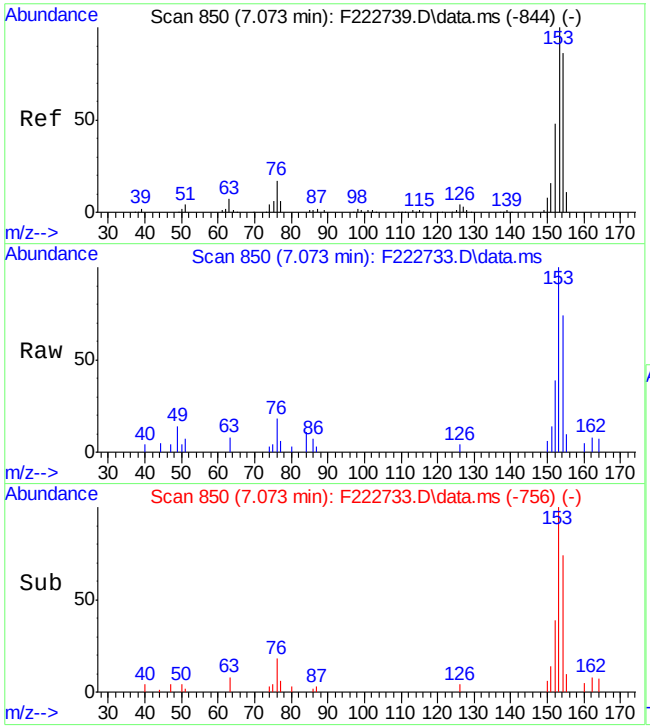


#58
3-Nitroaniline
Concen: 0.49 ppm
RT: 6.998 min Scan# 836
Delta R.T. -0.011 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:138 Resp: 404

Ion	Ratio	Lower	Upper
138	100		
108	0.0	0.0	37.0
92	113.5	72.1	132.1

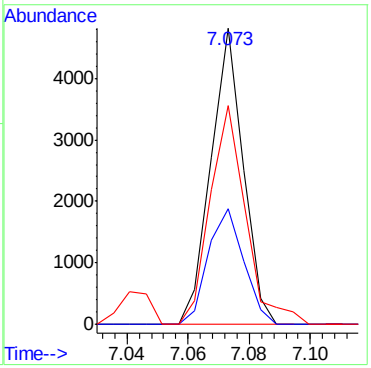


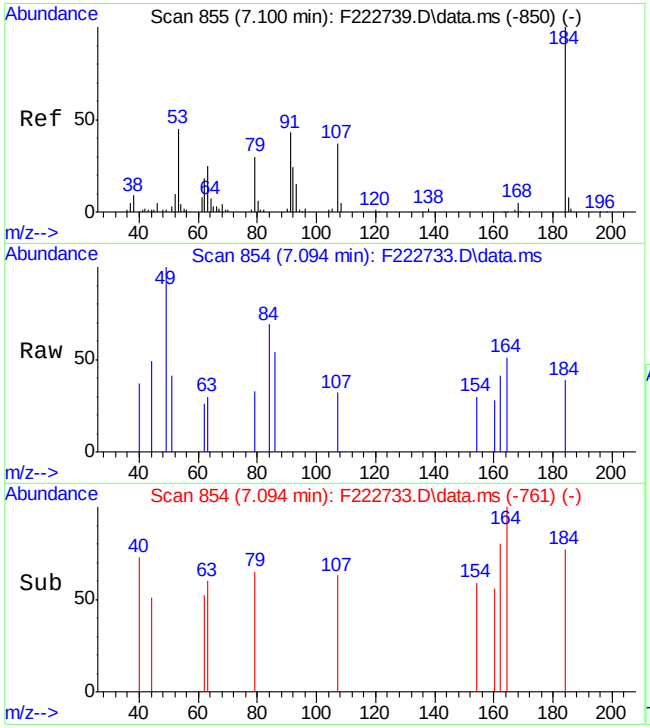


#59
Acenaphthene
Concen: 1.04 ppm
RT: 7.073 min Scan# 850
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:153 Resp: 3532

Ion	Ratio	Lower	Upper
153	100		
152	39.2	17.5	77.5
154	72.0	49.9	109.9

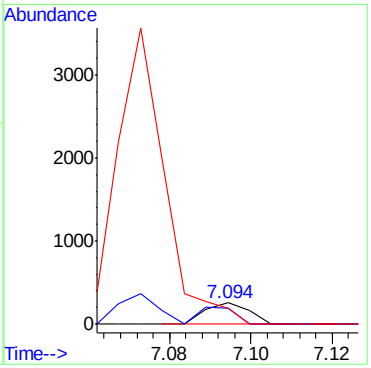


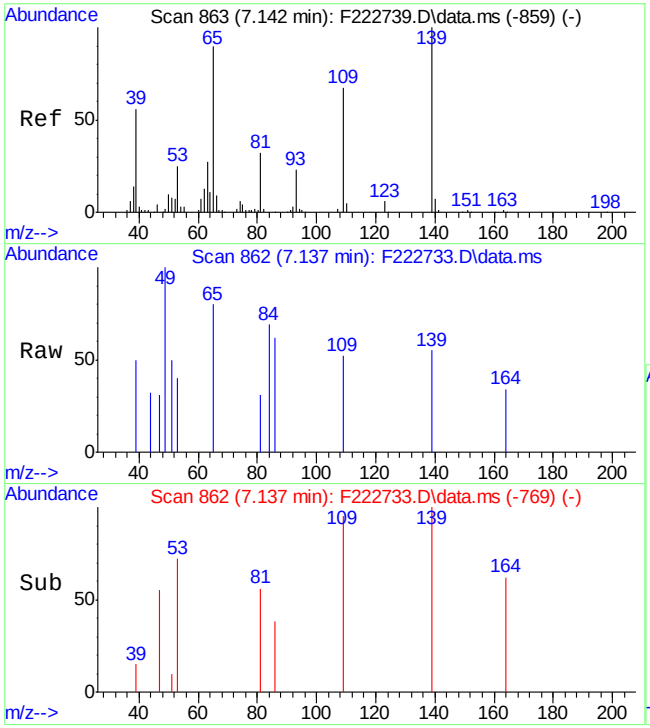


#60
2,4-Dinitrophenol
Concen: 0.51 ppm
RT: 7.094 min Scan# 854
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:184 Resp: 188

Ion	Ratio	Lower	Upper
184	100		
63	44.6	4.1	64.1
154	0.0	0.0	30.0

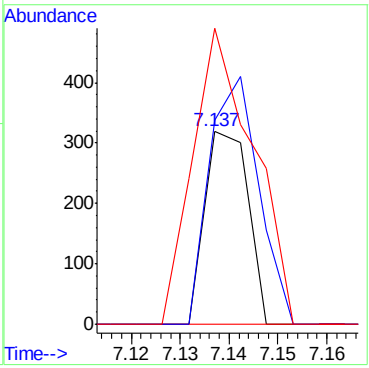


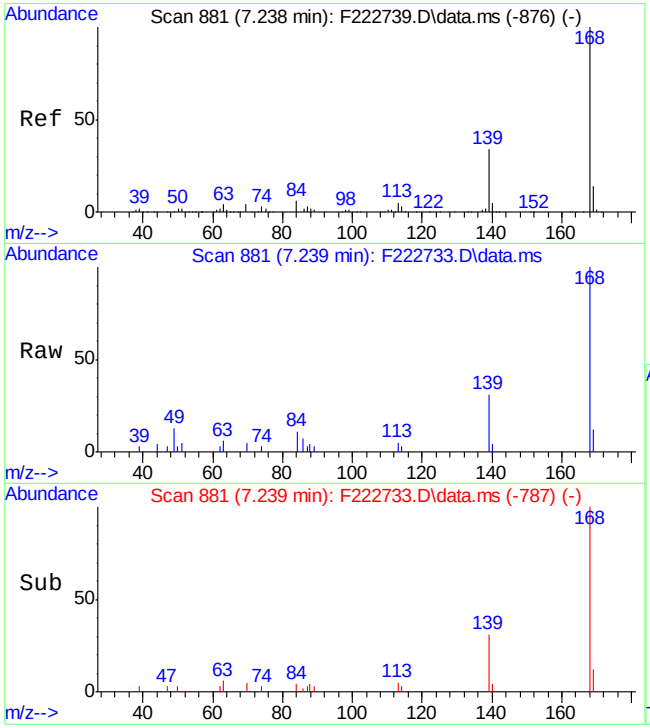


#61
4-Nitrophenol
Concen: 0.42 ppm
RT: 7.137 min Scan# 862
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:109 Resp: 199

Ion	Ratio	Lower	Upper
109	100		
139	105.6	119.2	179.2#
65	153.1	104.1	164.1

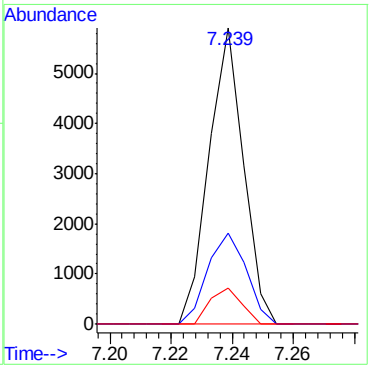


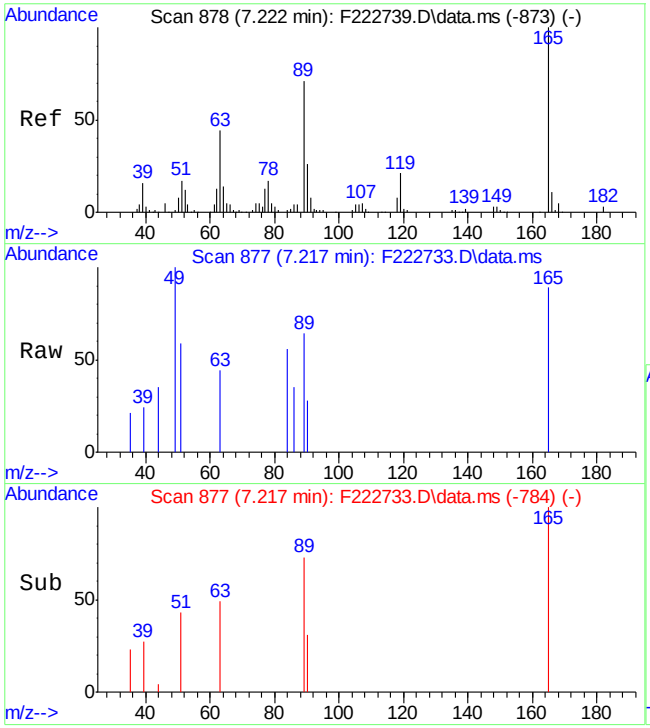


#62
Dibenzofuran
Concen: 0.95 ppm
RT: 7.239 min Scan# 881
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:168 Resp: 4614

Ion	Ratio	Lower	Upper
168	100		
139	30.8	4.3	64.3
169	12.2	0.0	43.5

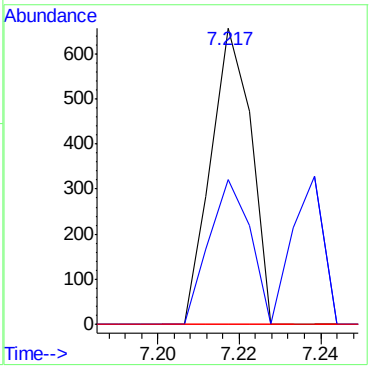


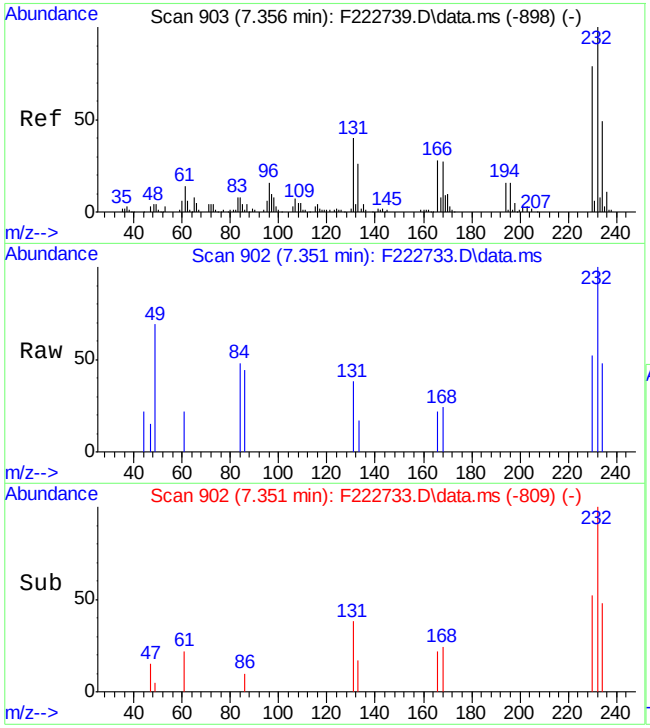


#63
2,4-Dinitrotoluene
Concen: 0.46 ppm
RT: 7.217 min Scan# 877
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:165 Resp: 453

Ion	Ratio	Lower	Upper
165	100		
63	32.6	13.5	73.5
182	0.0	0.0	33.0

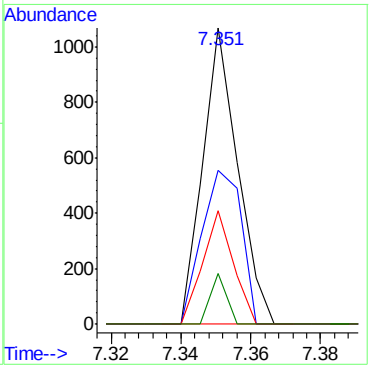


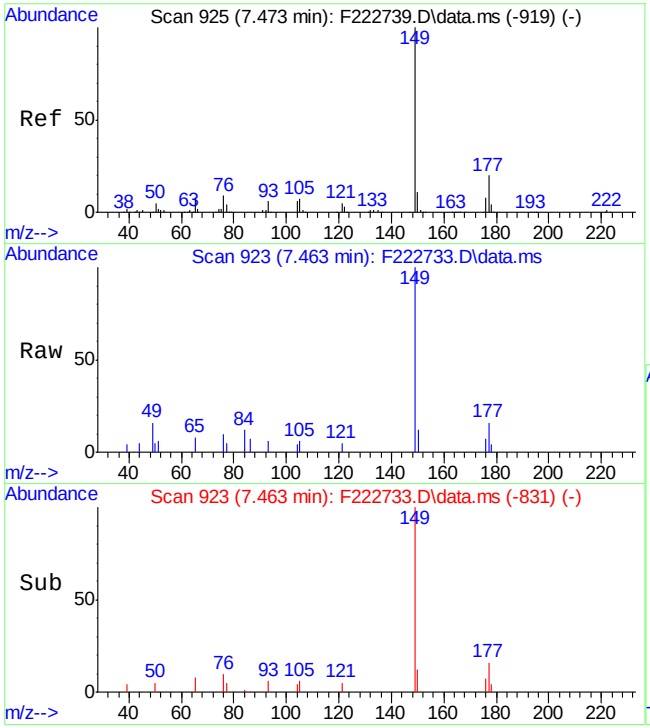


#64
2,3,4,6-Tetrachlorophenol
Concen: 0.76 ppm
RT: 7.351 min Scan# 902
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:232 Resp: 744

Ion	Ratio	Lower	Upper
232	100		
230	52.1	49.1	109.1
131	38.4	9.6	69.6
133	16.9	0.0	55.9

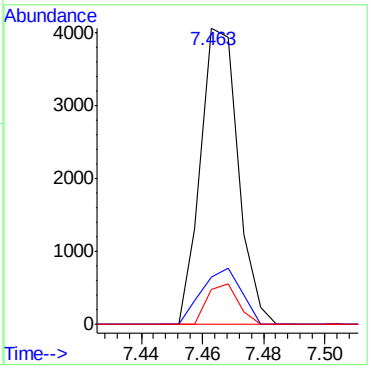


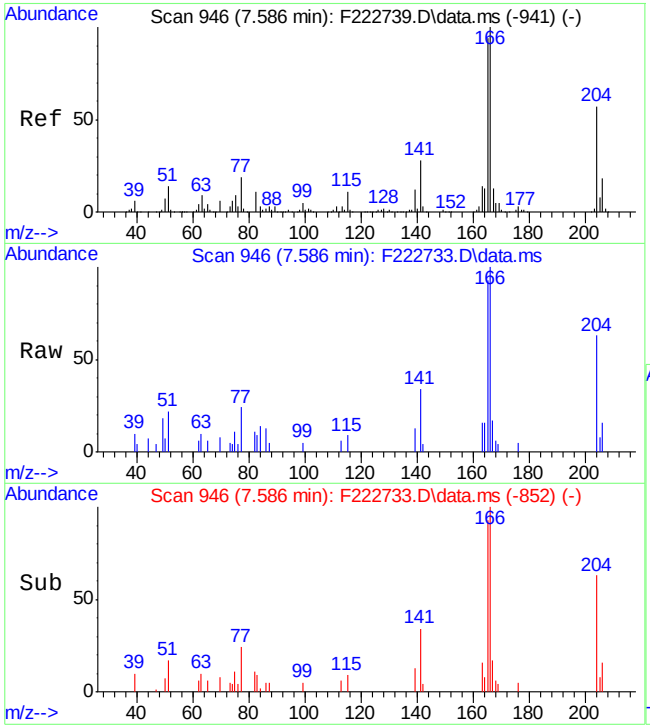


#65
Diethylphthalate
Concen: 0.91 ppm
RT: 7.463 min Scan# 923
Delta R.T. -0.011 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:149 Resp: 3455

Ion	Ratio	Lower	Upper
149	100		
177	16.1	0.0	50.0
150	11.9	0.0	41.3

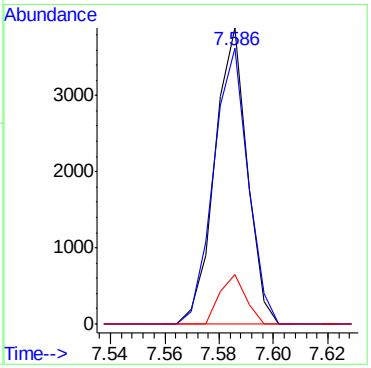


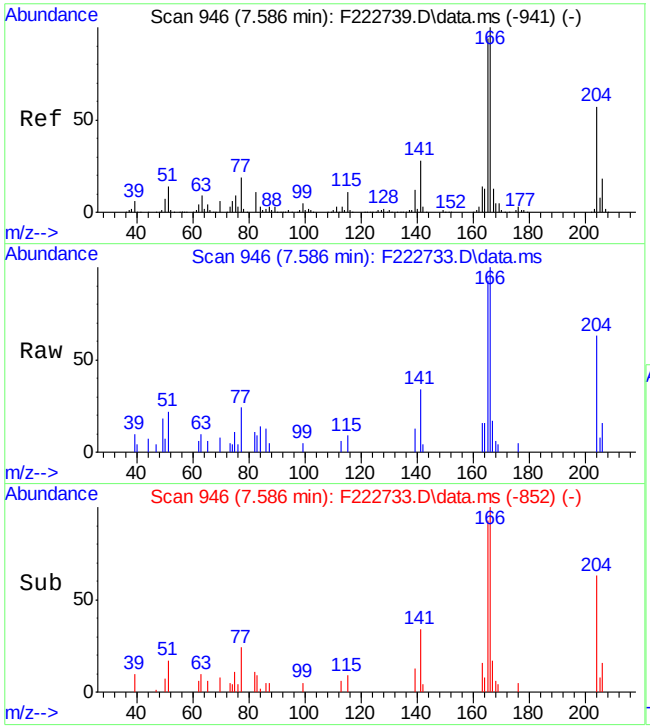


#66
Fluorene
Concen: 0.84 ppm
RT: 7.586 min Scan# 946
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:166 Resp: 3213

Ion	Ratio	Lower	Upper
166	100		
165	93.1	63.9	123.9
167	16.8	0.0	43.3

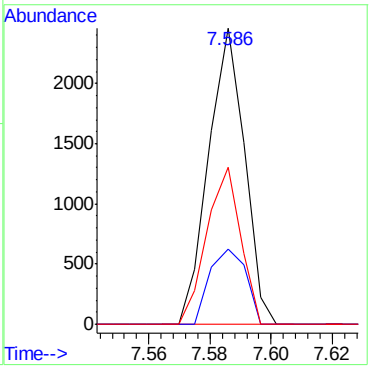


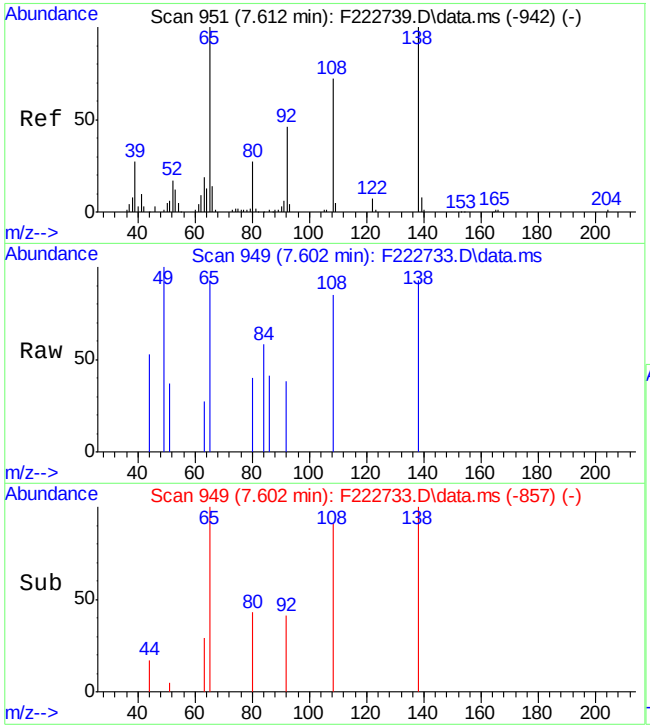


#67
4-Chlorophenyl-phenylether
Concen: 1.00 ppm
RT: 7.586 min Scan# 946
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:204 Resp: 2009

Ion	Ratio	Lower	Upper
204	100		
206	25.6	1.1	61.1
141	53.2	19.4	79.4

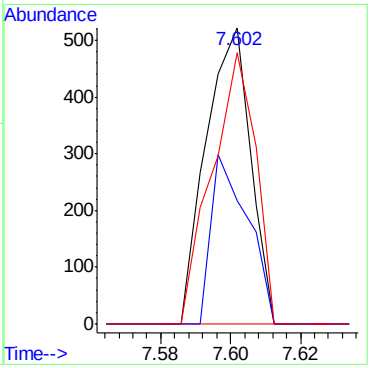


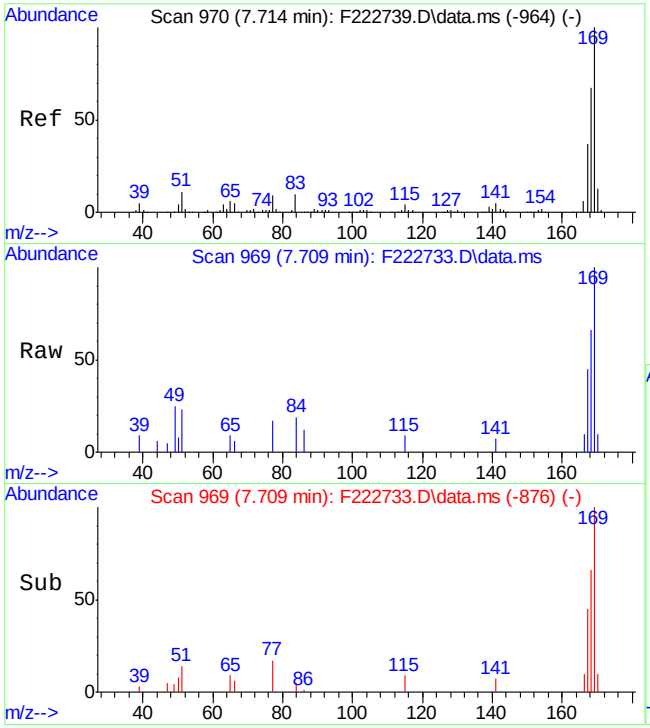


#68
4-Nitroaniline
Concen: 0.51 ppm
RT: 7.602 min Scan# 949
Delta R.T. -0.011 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:138 Resp: 461

Ion	Ratio	Lower	Upper
138	100		
92	41.6	15.6	75.6
108	91.8	42.0	102.0

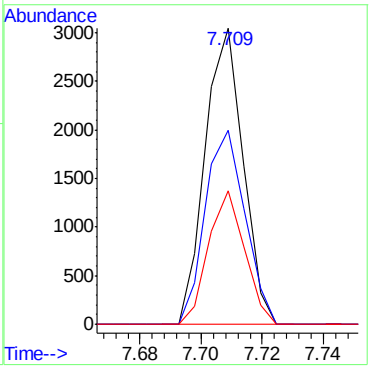


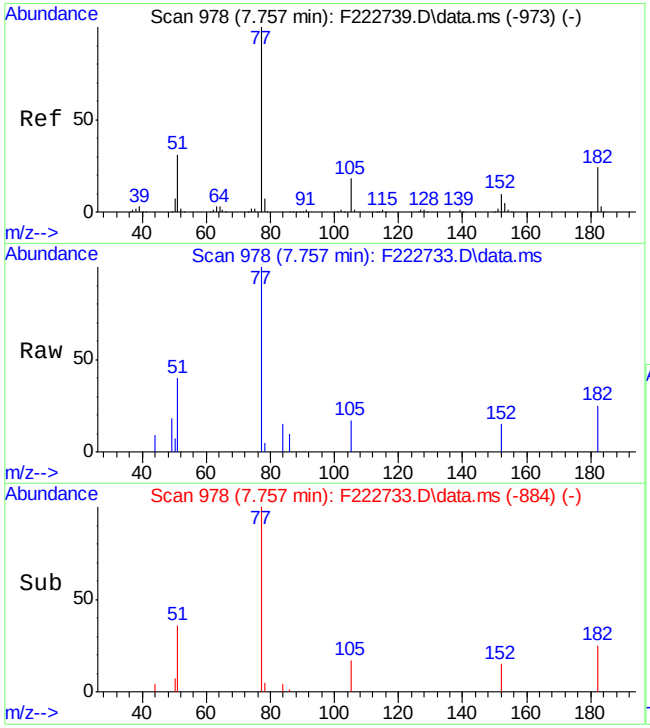


#71
n-Nitrosodiphenylamine
Concen: 0.82 ppm
RT: 7.709 min Scan# 969
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:169 Resp: 2620

Ion	Ratio	Lower	Upper
169	100		
168	65.6	36.8	96.8
167	45.3	6.9	66.9

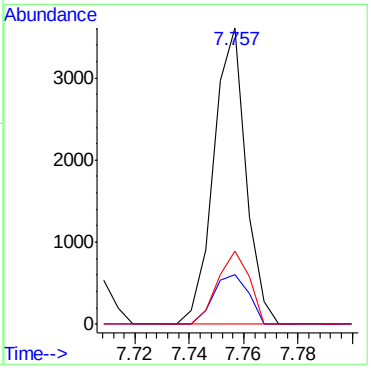


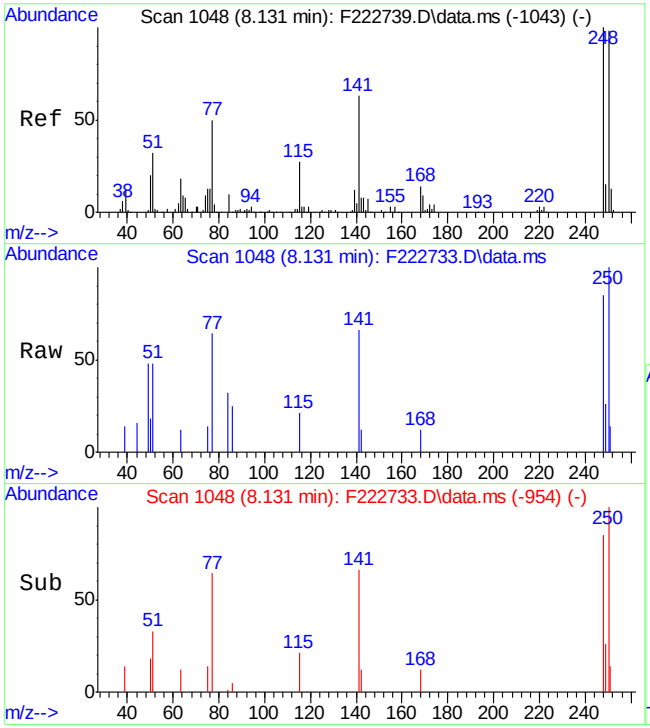


#72
1,2-Diphenylhydrazine
Concen: 0.90 ppm
RT: 7.757 min Scan# 978
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 77 Resp: 2956

Ion	Ratio	Lower	Upper
77	100		
105	16.8	0.0	48.0
182	24.6	0.0	54.0

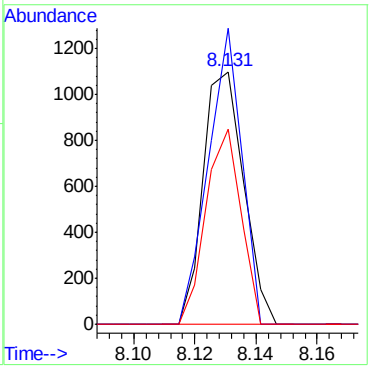


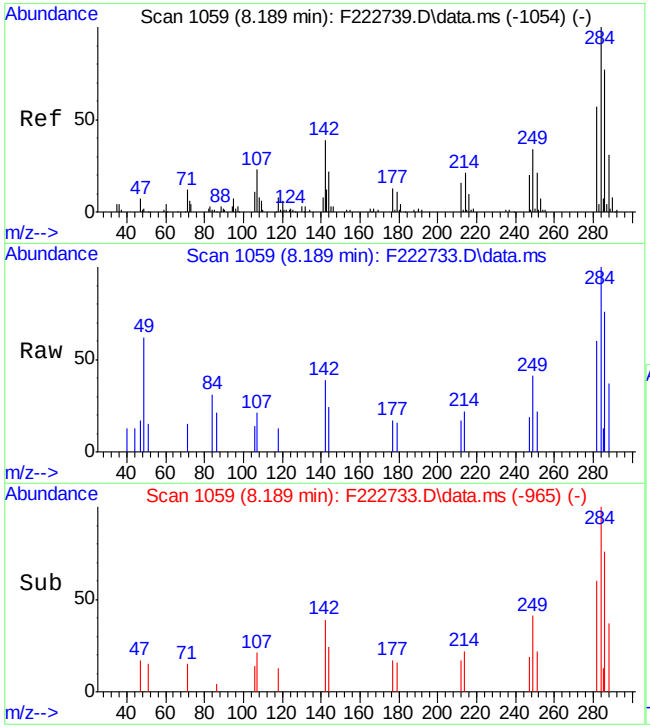


#74
4-Bromophenyl-phenylether
Concen: 0.89 ppm
RT: 8.131 min Scan# 1048
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:248 Resp: 1008

Ion	Ratio	Lower	Upper
248	100		
250	117.3	68.5	128.5
141	77.2	33.3	93.3

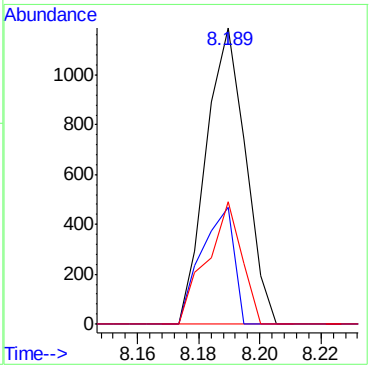


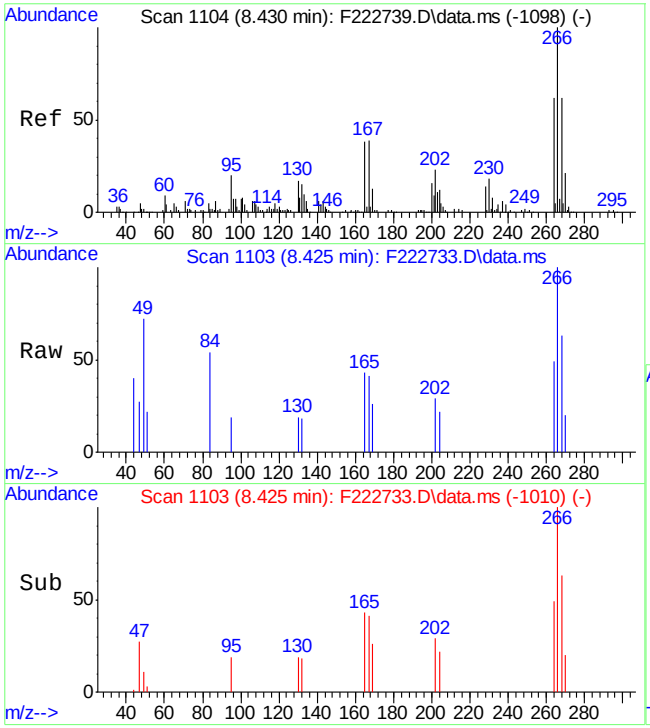


#75
Hexachlorobenzene
Concen: 0.87 ppm
RT: 8.189 min Scan# 1059
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:284 Resp: 1061

Ion	Ratio	Lower	Upper
284	100		
142	39.3	8.8	68.8
249	41.5	4.3	64.3

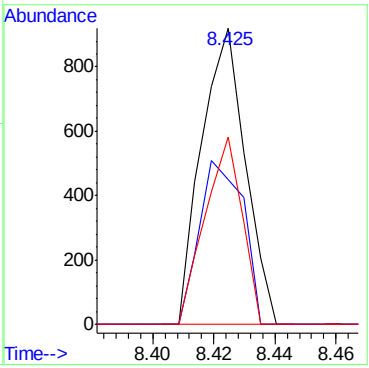


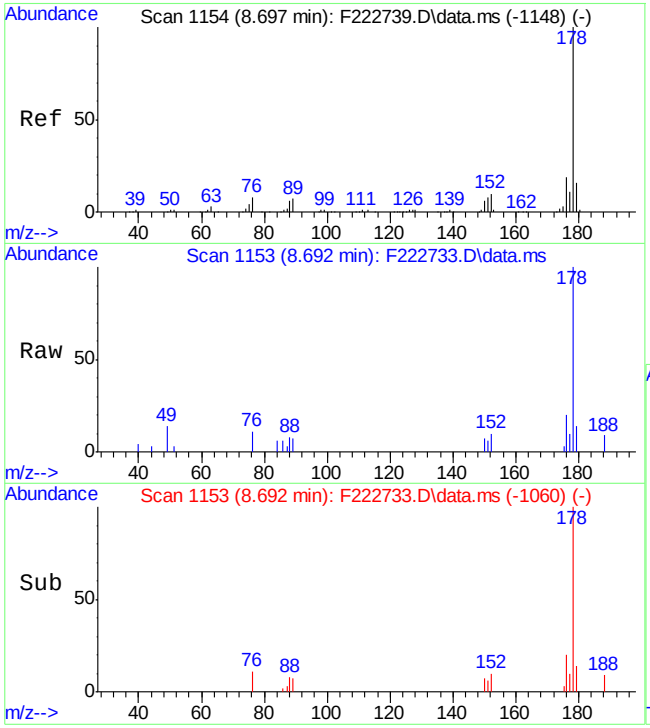


#76
Pentachlorophenol
Concen: 1.12 ppm
RT: 8.425 min Scan# 1103
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:266 Resp: 910

Ion	Ratio	Lower	Upper
266	100		
264	49.0	31.7	91.7
268	63.3	32.1	92.1

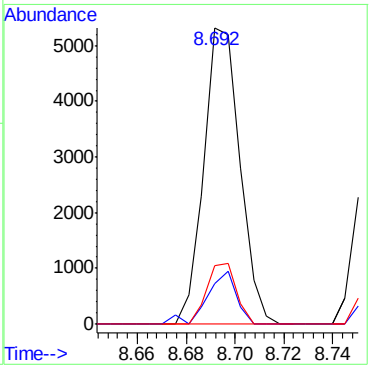


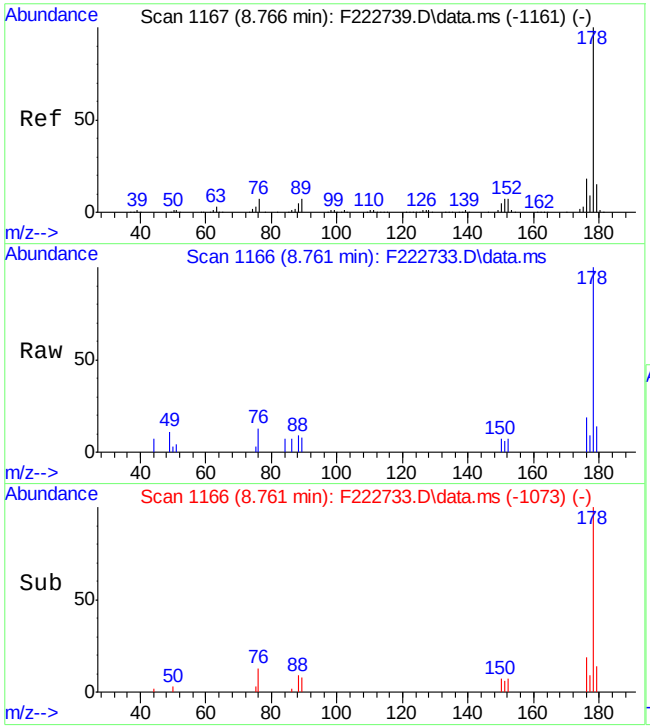


#77
Phenanthrene
Concen: 1.00 ppm
RT: 8.692 min Scan# 1153
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:178 Resp: 5475

Ion	Ratio	Lower	Upper
178	100		
179	13.6	0.0	45.6
176	19.7	0.0	49.0

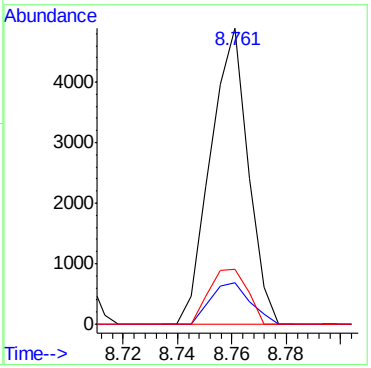


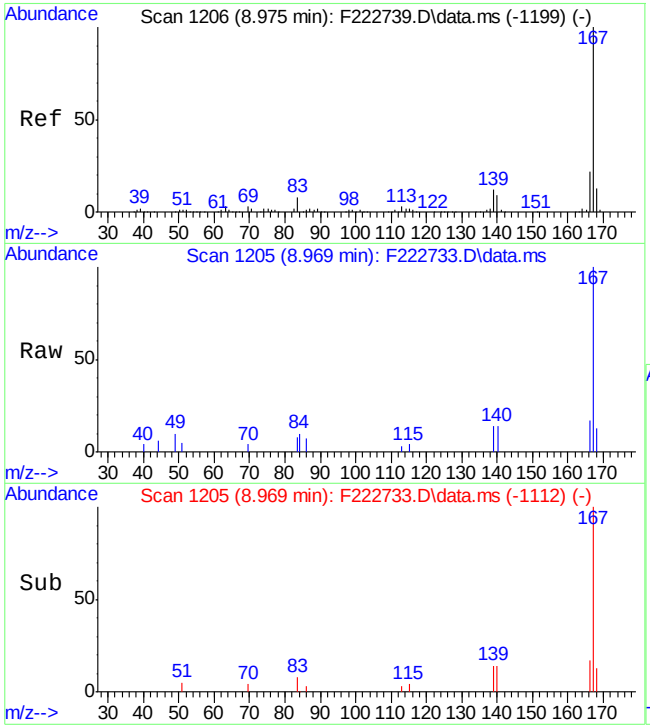


#78
Anthracene
Concen: 0.83 ppm
RT: 8.761 min Scan# 1166
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:178 Resp: 4687

Ion	Ratio	Lower	Upper
178	100		
179	13.9	0.0	45.1
176	18.7	0.0	48.4

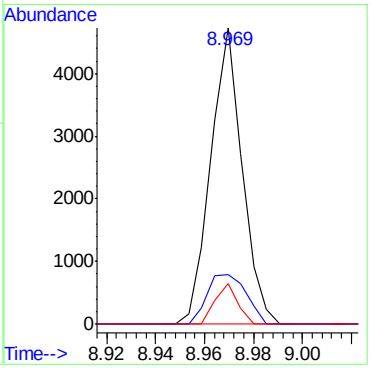


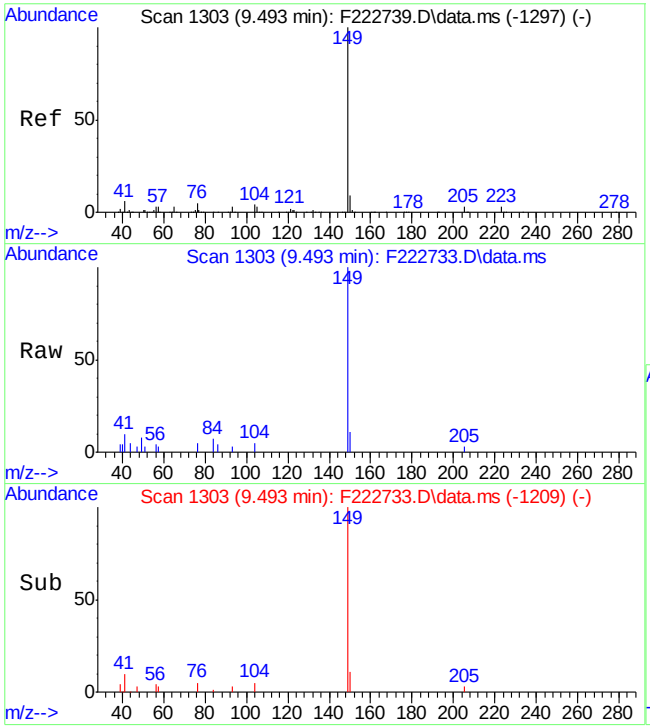


#79
Carbazole
Concen: 0.81 ppm
RT: 8.969 min Scan# 1205
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:167 Resp: 4250

Ion	Ratio	Lower	Upper
167	100		
166	16.7	0.0	51.7
139	13.8	0.0	41.9

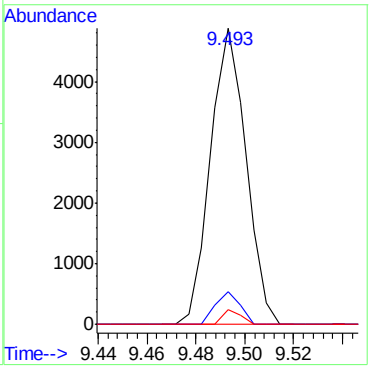


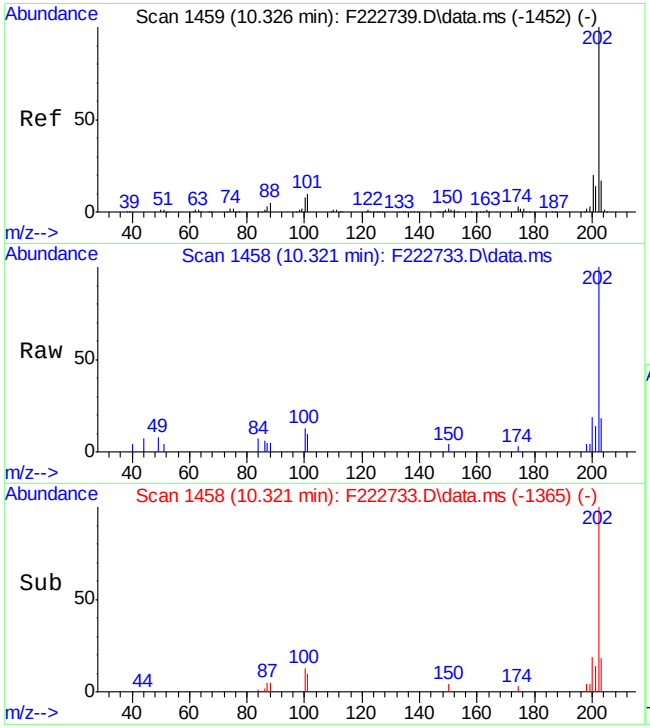


#80
Di-n-butylphthalate
Concen: 0.78 ppm
RT: 9.493 min Scan# 1303
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:149 Resp: 4950

Ion	Ratio	Lower	Upper
149	100		
150	11.2	0.0	39.1
104	4.9	0.0	34.4

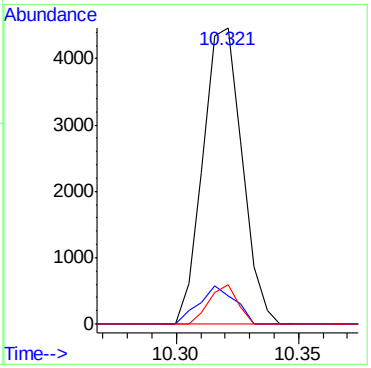


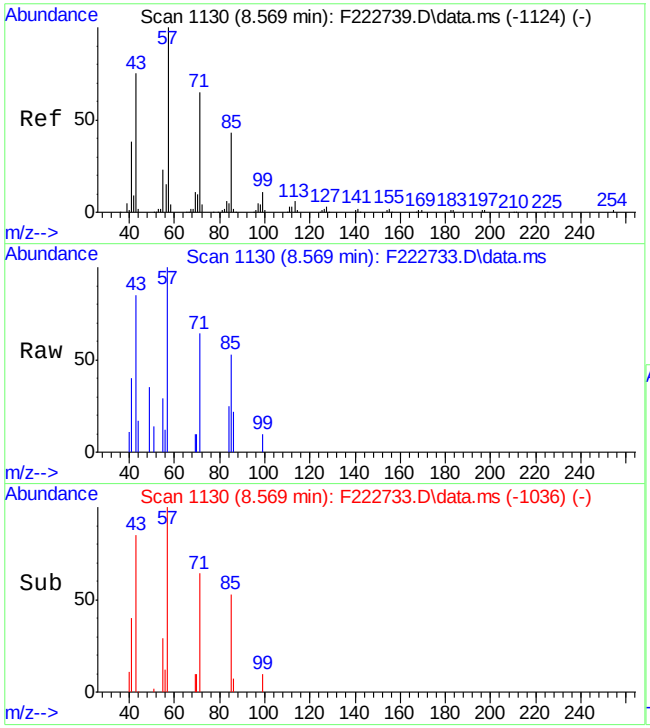


#81
Fluoranthene
Concen: 0.78 ppm
RT: 10.321 min Scan# 1458
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:202 Resp: 4979

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	39.8
100	13.4	0.0	37.7

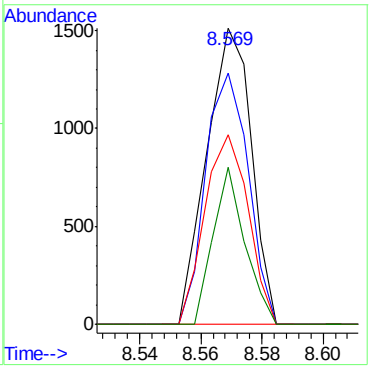


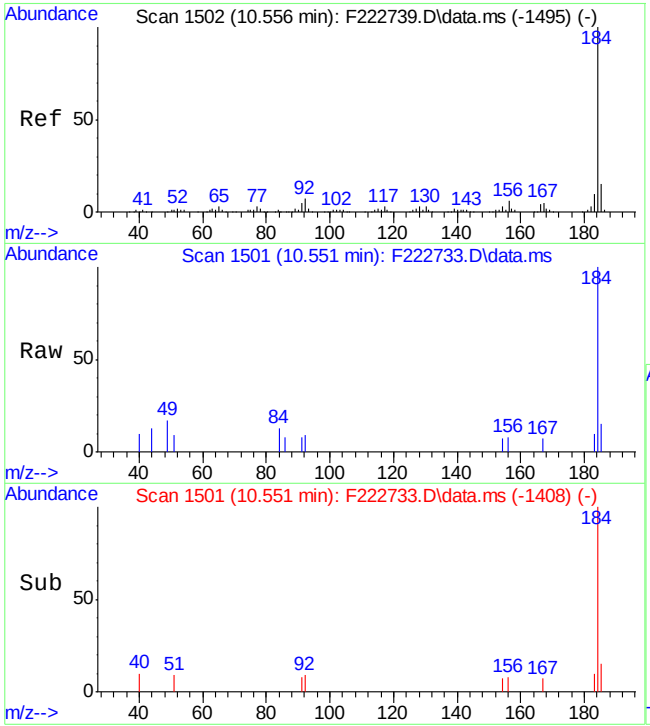


#82
Octadecane
Concen: 0.76 ppm
RT: 8.569 min Scan# 1130
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion: 57 Resp: 1532

Ion	Ratio	Lower	Upper
57	100		
43	84.9	44.5	104.5
71	64.2	35.4	95.4
85	46.0	12.7	72.7

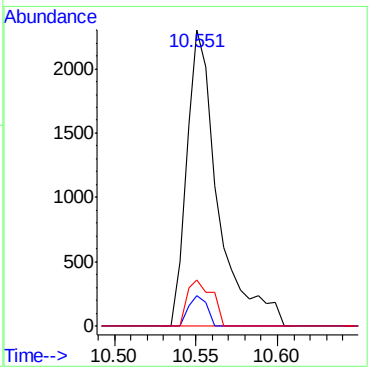


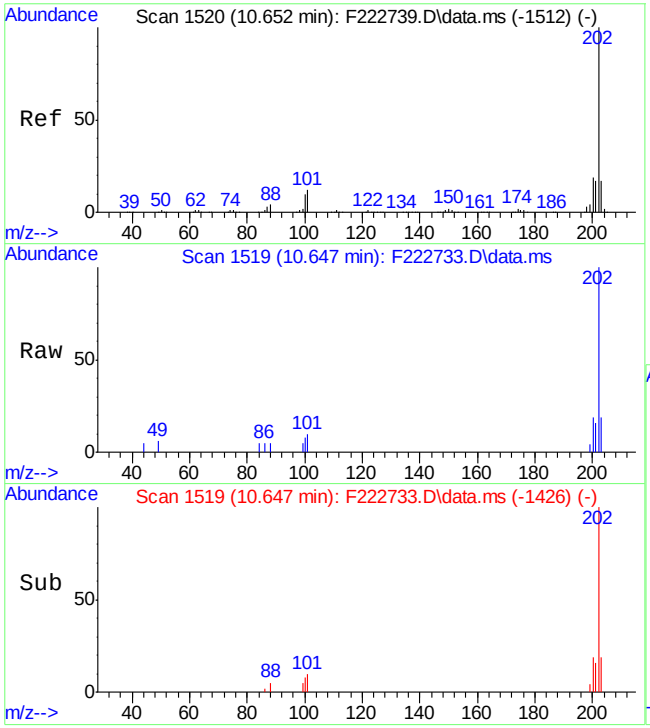


#84
Benzidine
Concen: 0.94 ppm
RT: 10.551 min Scan# 1501
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:184 Resp: 3078

Ion	Ratio	Lower	Upper
184	100		
183	10.3	0.0	60.5
185	15.4	0.0	65.2

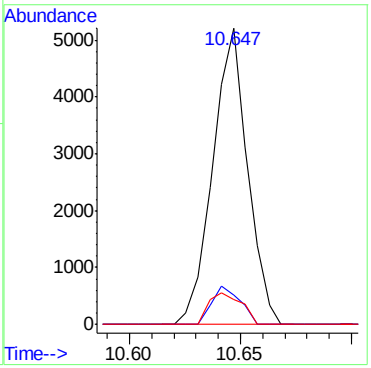


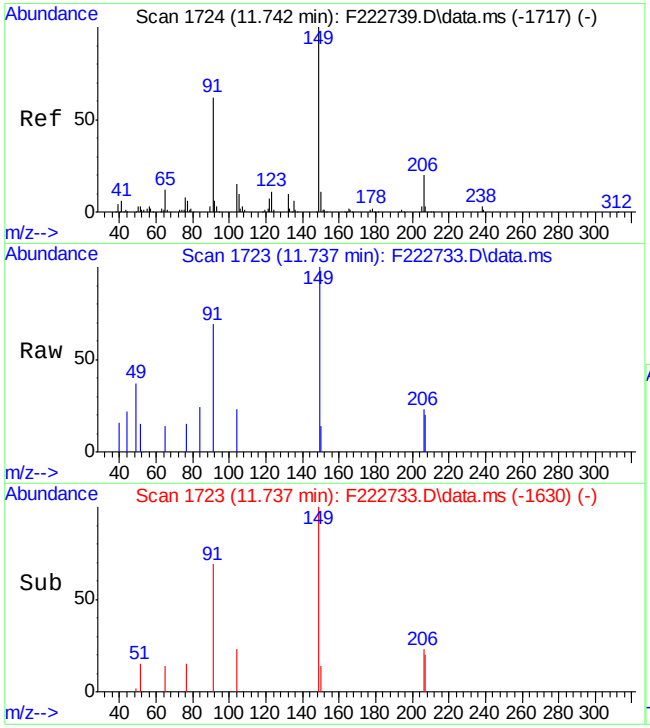


#85
Pyrene
Concen: 0.92 ppm
RT: 10.647 min Scan# 1519
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:202 Resp: 5671

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	41.9
100	8.5	0.0	39.8

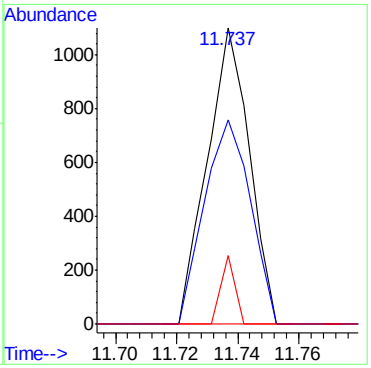


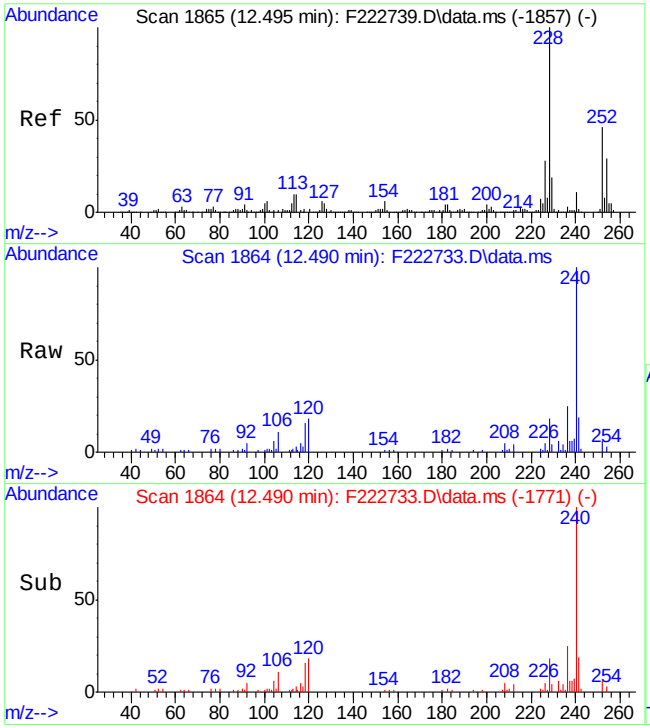


#87
Butylbenzylphthalate
Concen: 0.45 ppm
RT: 11.737 min Scan# 1723
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:149 Resp: 1049

Ion	Ratio	Lower	Upper
149	100		
91	68.8	31.6	91.6
206	23.0	0.0	49.8

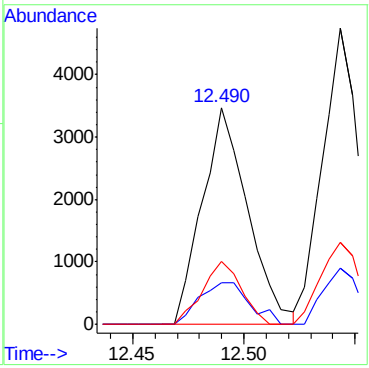


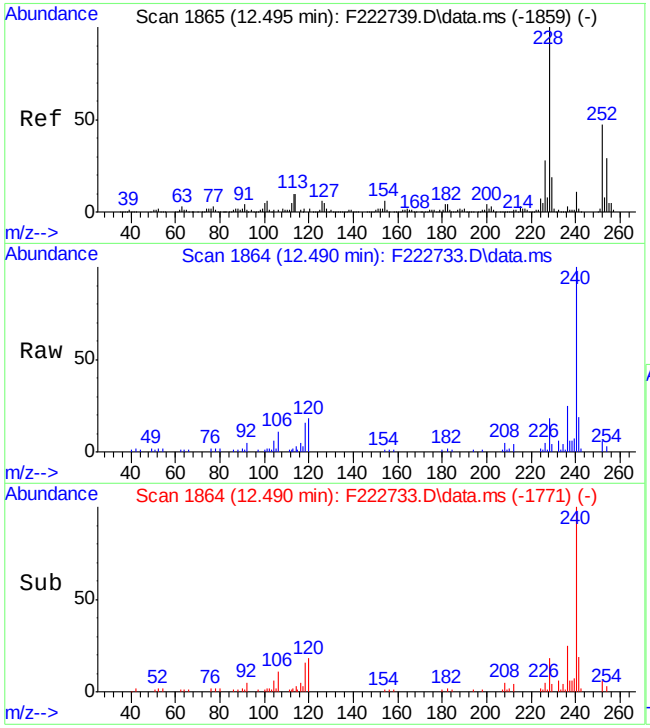


#88
Benzo[a]anthracene
Concen: 0.86 ppm
RT: 12.490 min Scan# 1864
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:228 Resp: 4939

Ion	Ratio	Lower	Upper
228	100		
229	19.9	0.0	49.1
226	29.8	0.0	57.6

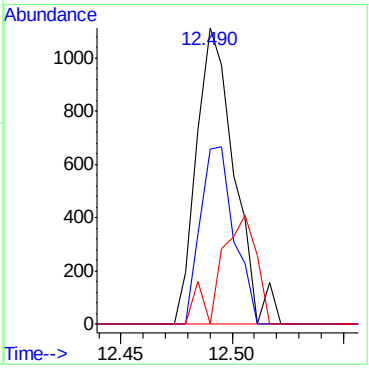


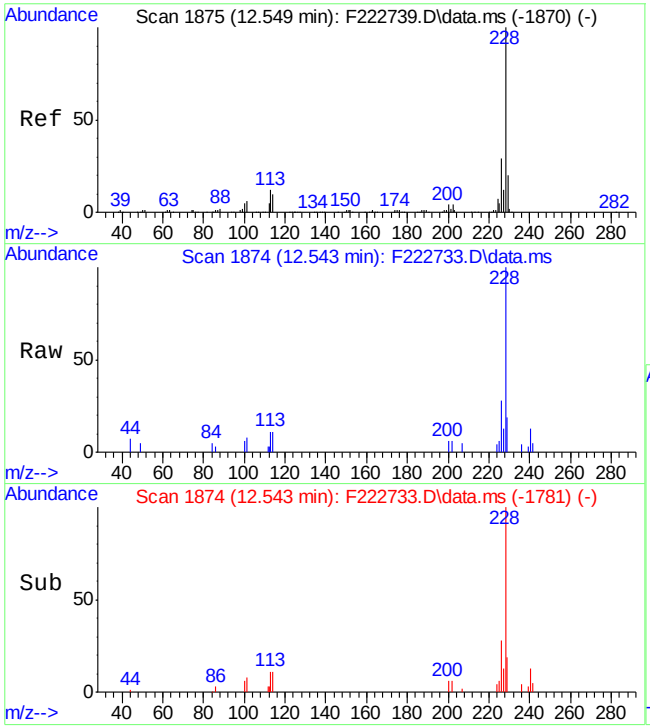


#89
3,3'-Dichlorobenzidine
Concen: 0.58 ppm
RT: 12.490 min Scan# 1864
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:252 Resp: 1321

Ion	Ratio	Lower	Upper
252	100		
254	59.2	32.3	92.3
126	0.0	0.0	42.5

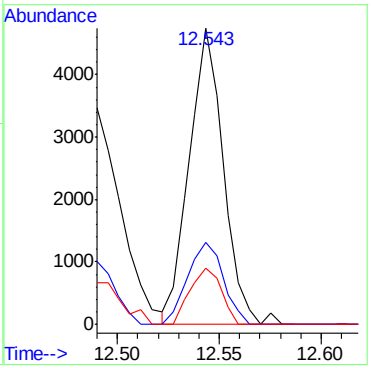


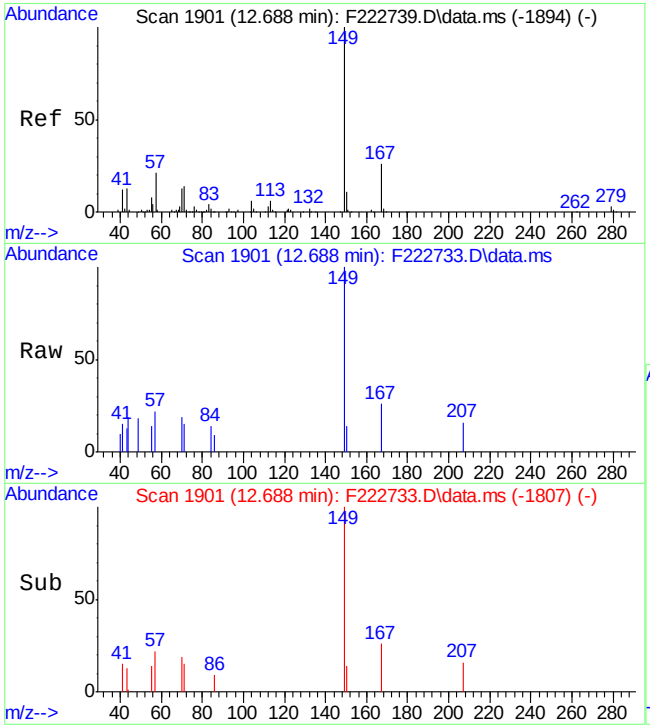


#90
Chrysene
Concen: 0.95 ppm
RT: 12.543 min Scan# 1874
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:228 Resp: 5521

Ion	Ratio	Lower	Upper
228	100		
226	28.1	0.0	58.9
229	19.5	0.0	49.6

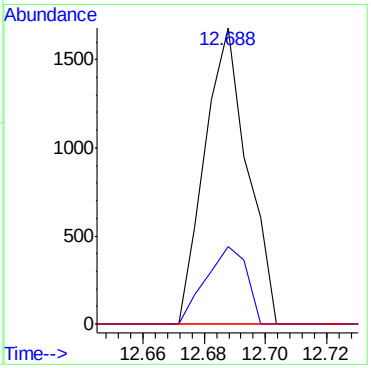


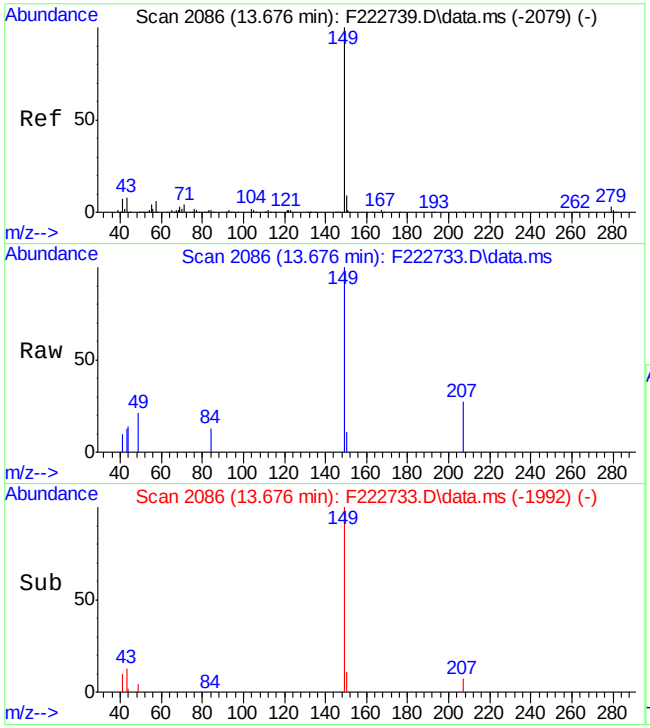


#91
bis(2-Ethylhexyl)phthalate
Concen: 0.43 ppm
RT: 12.688 min Scan# 1901
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:149 Resp: 1619

Ion	Ratio	Lower	Upper
149	100		
167	26.0	0.0	55.6
279	0.0	0.0	33.2

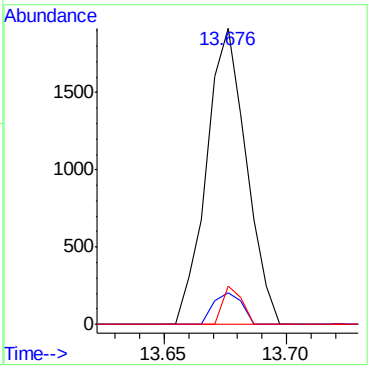


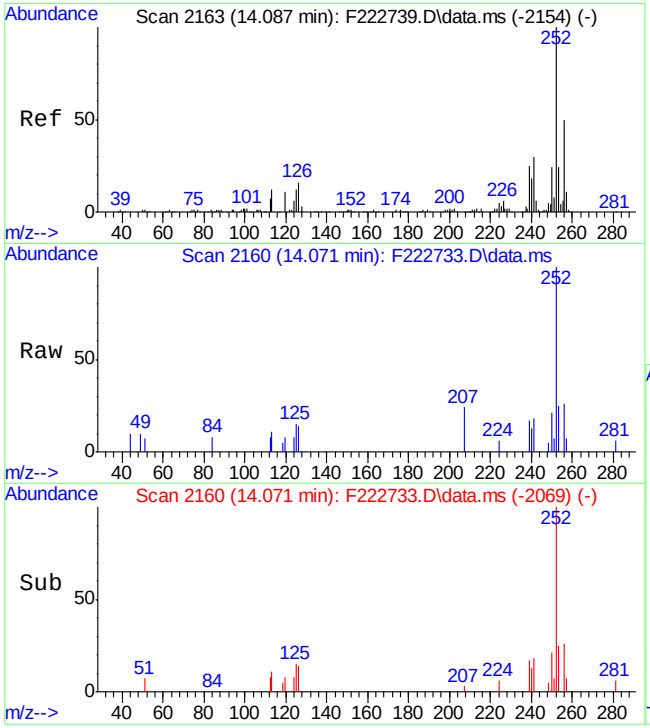


#93
Di-n-octylphthalate
Concen: 0.35 ppm
RT: 13.676 min Scan# 2086
Delta R.T. 0.000 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:149 Resp: 2174

Ion	Ratio	Lower	Upper
149	100		
150	10.8	0.0	39.4
43	13.1	0.0	38.5

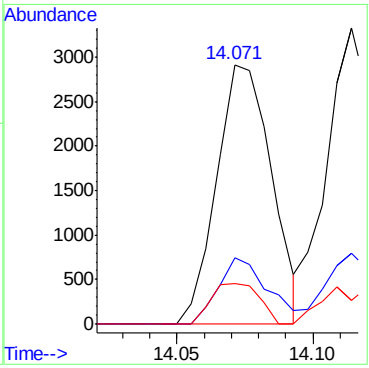


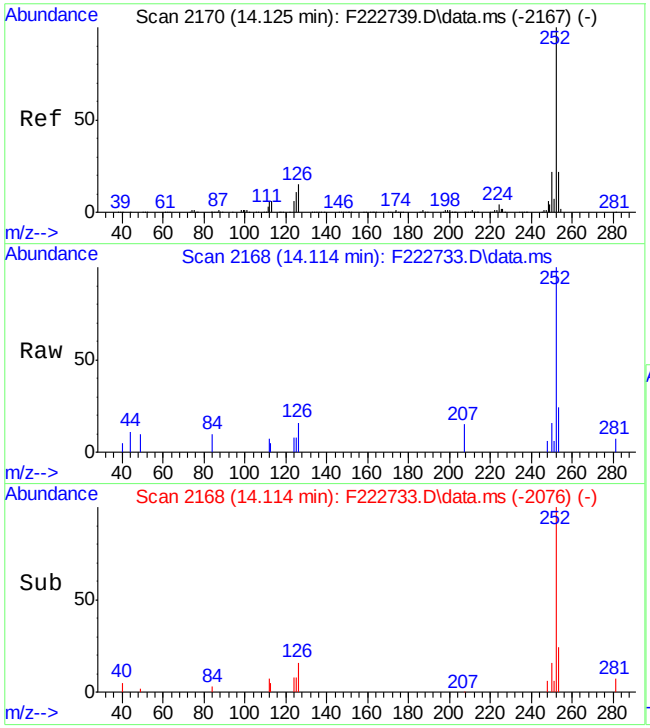


#94
Benzo[b]fluoranthene
Concen: 0.65 ppm
RT: 14.071 min Scan# 2160
Delta R.T. -0.016 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:252 Resp: 4087

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	53.7
125	17.6	0.0	42.3

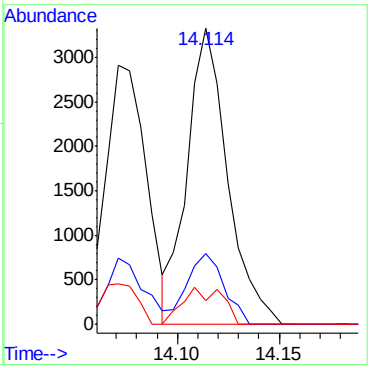


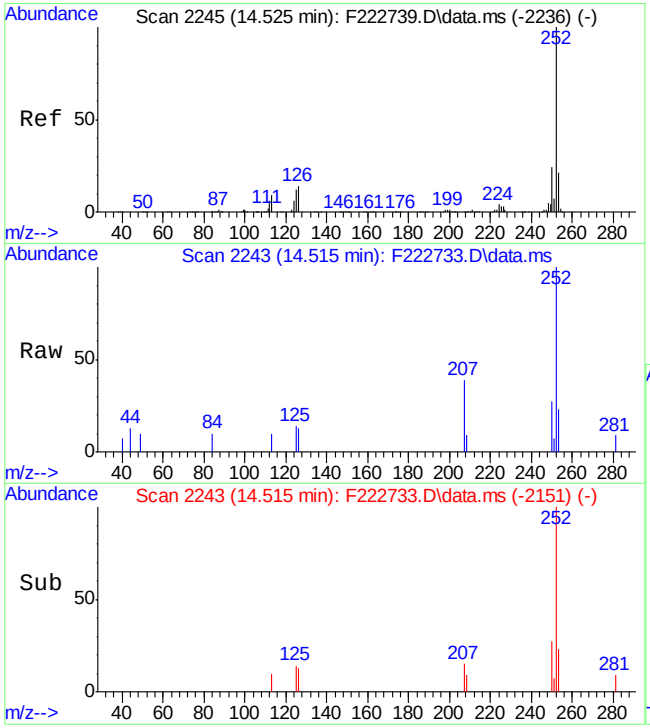


#95
Benzo[k]fluoranthene
Concen: 0.75 ppm
RT: 14.114 min Scan# 2168
Delta R.T. -0.011 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:252 Resp: 4569

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	52.2
125	9.1	0.0	41.3

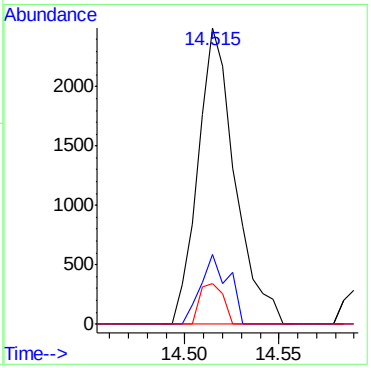


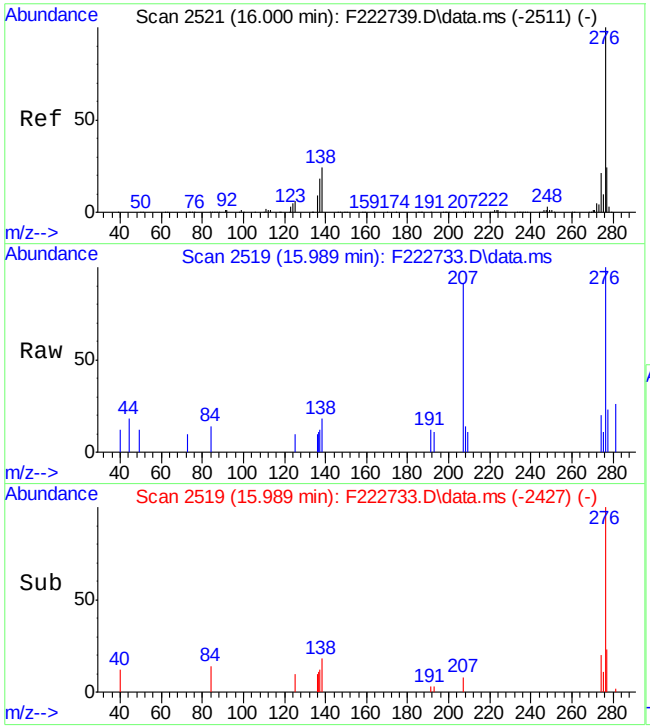


#96
Benzo[a]pyrene
Concen: 0.65 ppm
RT: 14.515 min Scan# 2243
Delta R.T. -0.011 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:252 Resp: 3396

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	50.6
125	13.7	0.0	41.7

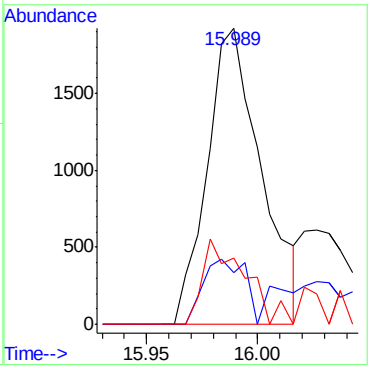


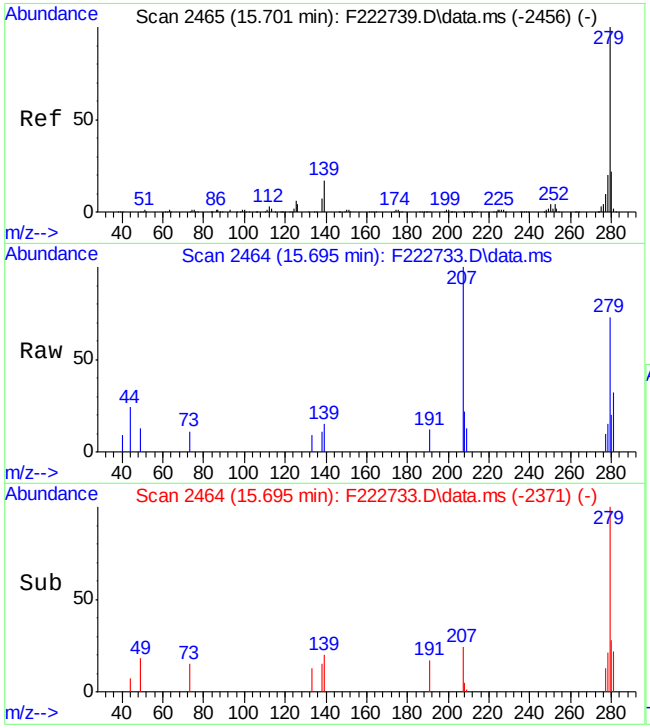


#97
Indeno[1,2,3-cd]pyrene
Concen: 0.59 ppm
RT: 15.989 min Scan# 2519
Delta R.T. -0.011 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:276 Resp: 3268

Ion	Ratio	Lower	Upper
276	100		
138	14.1	0.0	52.1
137	26.0	0.0	46.5

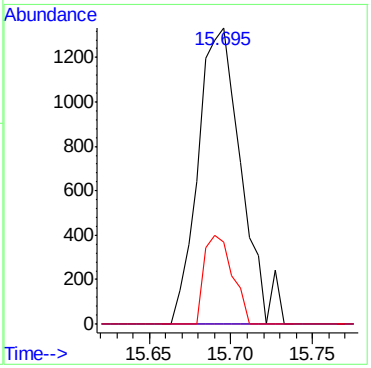


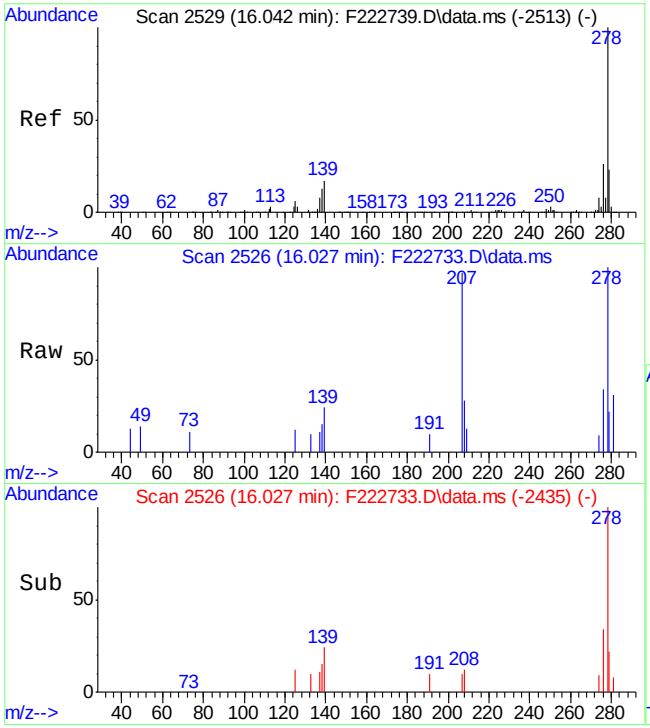


#98
Dibenz(a,h)acridine
Concen: 0.55 ppm
RT: 15.695 min Scan# 2464
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:279 Resp: 2459

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	27.6	0.0	52.3

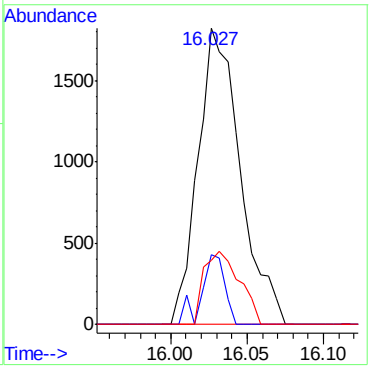


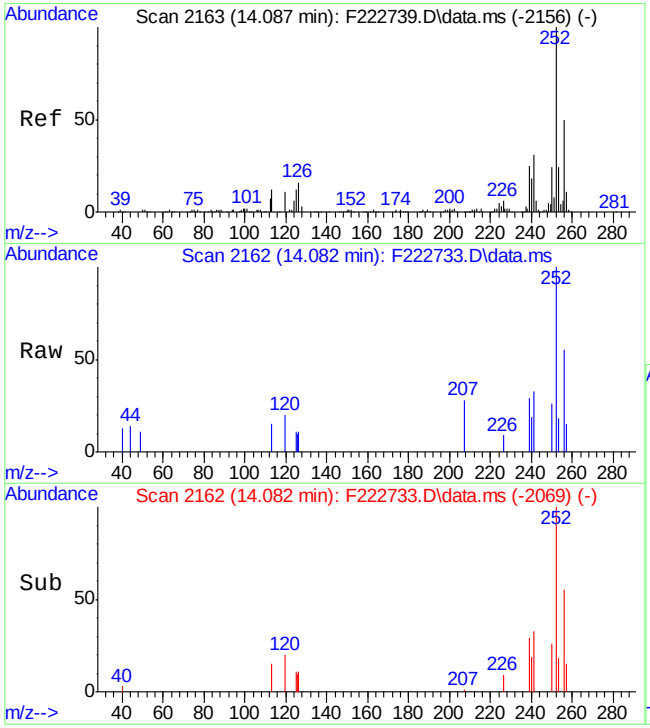


#99
Dibenz[a,h]anthracene
Concen: 0.64 ppm
RT: 16.027 min Scan# 2526
Delta R.T. -0.016 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:278 Resp: 3502

Ion	Ratio	Lower	Upper
278	100		
139	23.7	0.0	47.4
279	21.5	0.0	53.3

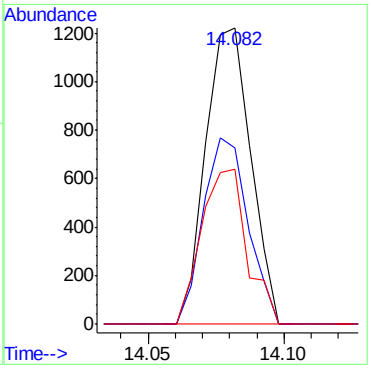


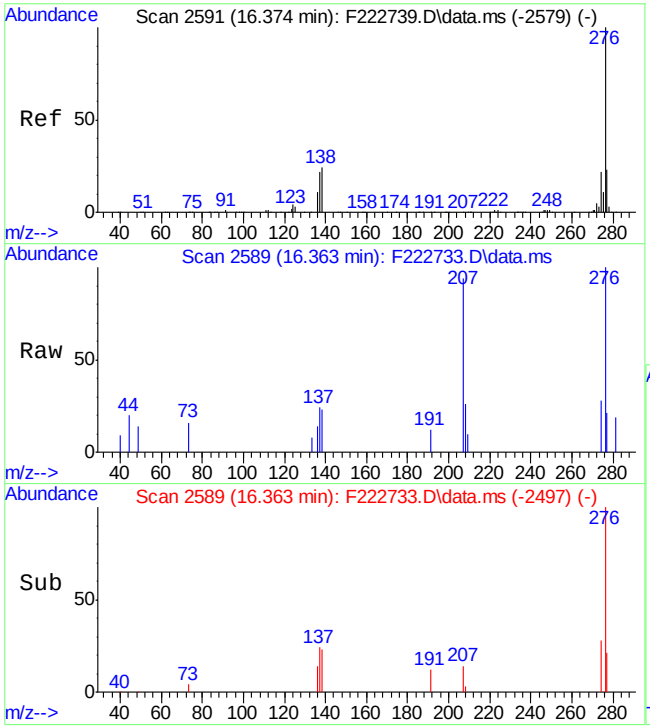


#100
7,12-Dimethylbenz(a)anthracene
Concen: 0.55 ppm
RT: 14.082 min Scan# 2162
Delta R.T. -0.005 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:256 Resp: 1410

Ion	Ratio	Lower	Upper
256	100		
241	59.5	31.1	91.1
239	52.3	19.1	79.1

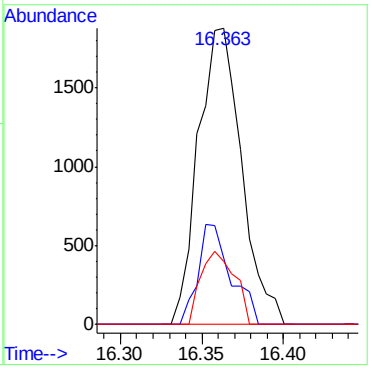




#101
Benzo[g,h,i]perylene
Concen: 0.67 ppm
RT: 16.363 min Scan# 2589
Delta R.T. -0.011 min
Lab File: F222733.D
Acq: 7 Nov 2024 9:00 am

Tgt Ion:276 Resp: 3478

Ion	Ratio	Lower	Upper
276	100		
138	22.6	0.0	54.3
277	21.2	0.0	53.1



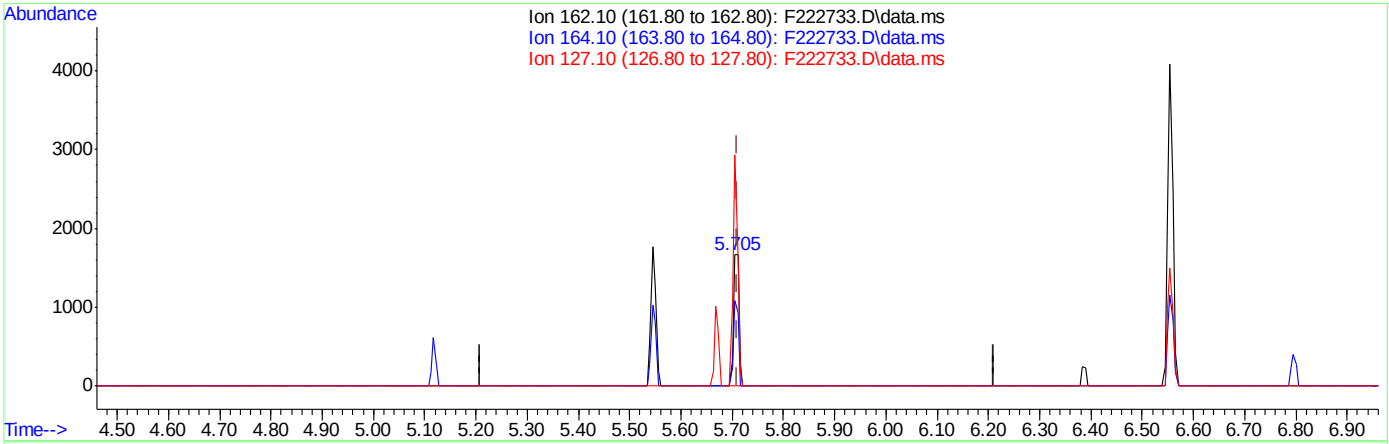
7.6.22

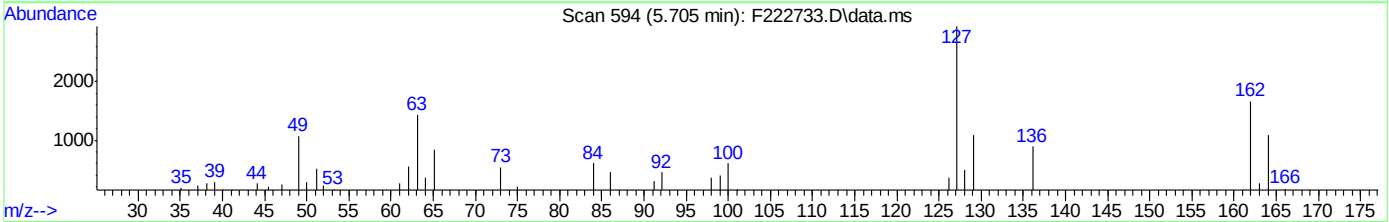
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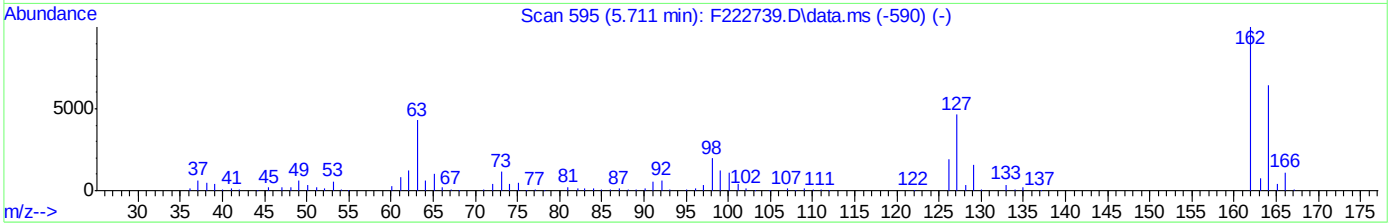
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222733.D
Acq On : 7 Nov 2024 9:00 am
Operator : jackleey
Sample : ic9899-1
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 08 08:58:42 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222733.D\data.ms

(52) 2-Chloronaphthalene (t)

5.705min (-0.005) 0.87ppm

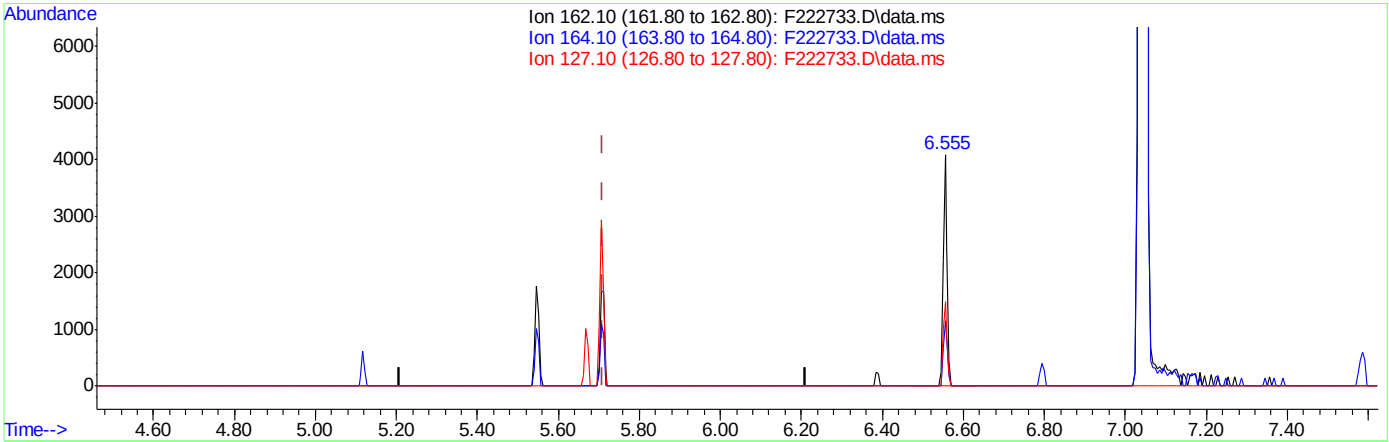
response 1267

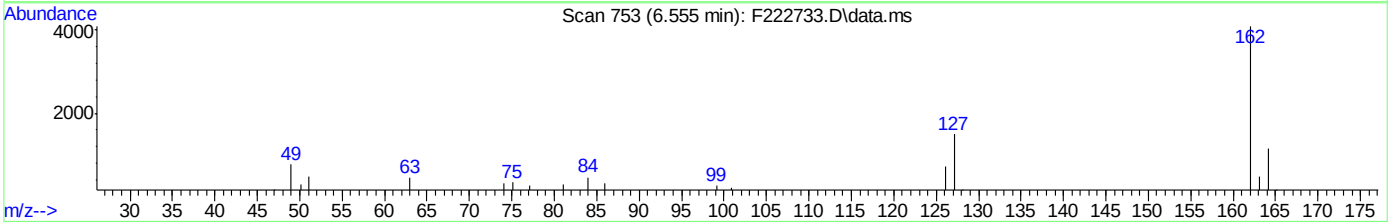
Ion	Exp%	Act%
162.10	100	100
164.10	64.30	65.41
127.10	46.90	176.20#
0.00	0.00	0.00

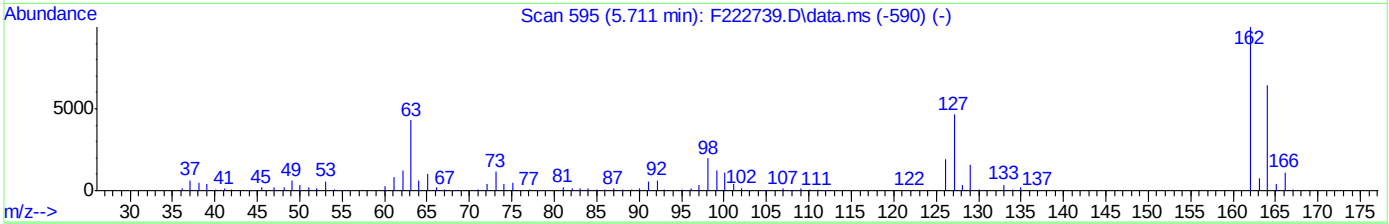
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222733.D
Acq On : 7 Nov 2024 9:00 am
Operator : jackleey
Sample : ic9899-1
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 08 08:58:42 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222733.D\data.ms

(52) 2-Chloronaphthalene (t)

6.555min (+0.844) 2.08ppm m

response 3031

Ion	Exp%	Act%
162.10	100	100
164.10	64.30	28.39#
127.10	46.90	36.53
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222734.D
Acq On : 7 Nov 2024 9:23 am
Operator : jackleey
Sample : ic9899-2
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 10:37:09 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.765	152	49867	40.00	ppm	0.00
24) Naphthalene-d8	5.652	136	190332	40.00	ppm	0.00
46) Acenaphthene-d10	7.041	164	103947	40.00	ppm	0.00
69) Phenanthrene-d10	8.665	188	195628	40.00	ppm	0.00
83) Chrysene-d12	12.506	240	174234	40.00	ppm	0.00
92) Perylene-d12	14.600	264	191540	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.765	152	49867	40.00	ppm	0.00
112) Naphthalene-d8A	5.652	136	190332	40.00	ppm	0.00
121) Acenaphthene-d10A	7.041	164	103947	40.00	ppm	0.00
132) Phenanthrene-d10A	8.665	188	195628	40.00	ppm	0.00
147) Chrysene-d12A	12.506	240	174234	40.00	ppm	0.00
154) Perylene-d12A	14.600	264	191540	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.765	152	49867	40.00	ppm	0.00
159) Phenanthrene-d10b	8.665	188	195628	40.00	ppm	0.00
161) Naphthalene-d8b	5.652	136	190332	40.00	ppm	0.00
163) Naphthalene-d8c	5.652	136	190332	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.765	152	49867	40.00	ppm	0.00
169) Chrysene-d12c	12.506	240	174234	40.00	ppm	0.00
171) Chrysene-d12d	12.506	240	174234	40.00	ppm	0.00
173) Naphthalene-d8d	5.652	136	190332	40.00	ppm	0.00
175) Chrysene-d12e	12.506	240	174234	40.00	ppm	0.00
177) Perylene-d12b	14.600	264	191540	40.00	ppm	0.00
179) Naphthalene-d8e	5.652	136	190332	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.852	112	2676	1.91	ppm	0.00
Spiked Amount 50.000			Recovery = 3.82%			
8) Phenol-d5	4.487	99	2787	1.69	ppm	0.00
Spiked Amount 50.000			Recovery = 3.38%			
25) Nitrobenzene-d5	5.144	82	2481	1.71	ppm	0.00
Spiked Amount 50.000			Recovery = 3.42%			
51) 2-Fluorobiphenyl	6.453	172	7016	1.83	ppm	0.00
Spiked Amount 50.000			Recovery = 3.66%			
73) 2,4,6-Tribromophenol	7.837	330	686	1.33	ppm	0.00
Spiked Amount 50.000			Recovery = 2.66%			
86) Terphenyl-d14	10.930	244	7830	1.82	ppm	0.00
Spiked Amount 50.000			Recovery = 3.64%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.708	88	1544	2.75	ppm	76
3) Pyridine	2.959	79	2630	1.65	ppm	95
4) N-Nitrosodimethylamine	2.922	42	1884	2.57	ppm	84
6) Indene	4.941	116	5005	1.85	ppm	87
7) Cumene	4.220	105	5808	2.00	ppm	96
9) Phenol	4.498	94	3367	1.85	ppm	99
10) Aniline	4.535	93	4344	1.91	ppm	99
11) bis(2-Chloroethyl)ether	4.573	93	2530	1.80	ppm	86
12) 2-Chlorophenol	4.616	128	2956	1.87	ppm	94
13) Decane	4.642	43	3027	2.03	ppm	94

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222734.D
Acq On : 7 Nov 2024 9:23 am
Operator : jackleey
Sample : ic9899-2
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 10:37:09 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
14)	1,3-Dichlorobenzene	4.722	146	3539	1.95	ppm		94
15)	1,4-Dichlorobenzene	4.776	146	3605	1.93	ppm		91
16)	Benzyl alcohol	4.851	108	1792	1.83	ppm		94
17)	1,2-Dichlorobenzene	4.883	146	3440	1.96	ppm		97
18)	Acetophenone	5.038	105	4267	1.88	ppm		83
19)	2-Methylphenol	4.920	108	2326	1.71	ppm		94
20)	2,2'-oxybis(1-Chloropr...	4.947	121	900	2.05	ppm	#	60
21)	3&4-Methylphenol	5.027	108	5295	3.61	ppm		97
22)	n-Nitroso-di-n-propyla...	5.038	70	1885	1.80	ppm		98
23)	Hexachloroethane	5.118	201	1450	1.96	ppm		88
26)	Nitrobenzene	5.160	77	2661	1.70	ppm		94
27)	Quinoline	5.914	129	5818	1.89	ppm		97
28)	Isophorone	5.326	82	5171	1.87	ppm		97
29)	2-Nitrophenol	5.385	139	951	1.28	ppm		73
30)	2,4-Dimethylphenol	5.401	107	2781	1.77	ppm		93
32)	bis(2-Chloroethoxy)met...	5.476	93	3299	1.83	ppm		98
33)	2,4-Dichlorophenol	5.545	162	2339	1.69	ppm		89
34)	2,6-Dichlorophenol	5.705	162	2367	1.66	ppm		95
35)	1,3,5-Trichlorobenzene	5.390	180	3264	1.85	ppm		98
36)	1,2,4-Trichlorobenzene	5.609	180	3092	1.87	ppm		94
37)	1,2,3-Trichlorobenzene	5.769	180	3188	1.88	ppm		96
38)	Naphthalene	5.668	128	9343	1.99	ppm		98
39)	4-Chloroaniline	5.705	127	3409	1.67	ppm		88
40)	2,3-Dichloroaniline	6.384	161	2955	1.78	ppm		95
41)	Hydroquinone	5.919	110	2189	1.59	ppm		98
42)	Hexachlorobutadiene	5.753	225	1947	1.82	ppm		95
43)	4-Chloro-3-methylphenol	6.037	107	2197	1.71	ppm		91
44)	2-Methylnaphthalene	6.170	141	5331	1.86	ppm		98
45)	1-Methylnaphthalene	6.245	142	5763	1.95	ppm		98
47)	Hexachlorocyclopentadiene	6.288	237	3251	2.97	ppm		100
48)	1,2,4,5-tetrachloroben...	6.293	216	3422	1.83	ppm		95
49)	2,4,6-Trichlorophenol	6.378	196	1682	1.49	ppm		94
50)	2,4,5-Trichlorophenol	6.405	196	2029	1.60	ppm		85
52)	2-Chloronaphthalene	6.555	162	6007m	4.16	ppm		
53)	Biphenyl	6.533	154	7737	1.85	ppm		97
54)	2-Nitroaniline	6.635	65	989	1.27	ppm		89
55)	Dimethylphthalate	6.795	163	6453	1.80	ppm		97
56)	Acenaphthylene	6.913	152	7971	1.73	ppm		95
57)	2,6-Dinitrotoluene	6.843	165	687	1.00	ppm	#	62
58)	3-Nitroaniline	6.998	138	925	1.13	ppm		91
59)	Acenaphthene	7.073	153	6679	1.97	ppm		96
60)	2,4-Dinitrophenol	7.094	184	505	1.38	ppm		51
61)	4-Nitrophenol	7.137	109	483	1.04	ppm	#	81
62)	Dibenzofuran	7.239	168	8999	1.87	ppm		98
63)	2,4-Dinitrotoluene	7.217	165	1021	1.05	ppm		68
64)	2,3,4,6-Tetrachlorophenol	7.351	232	1310	1.35	ppm		98
65)	Diethylphthalate	7.463	149	6689	1.77	ppm		98
66)	Fluorene	7.580	166	6831	1.79	ppm		98
67)	4-Chlorophenyl-phenyle...	7.580	204	3809	1.90	ppm		98
68)	4-Nitroaniline	7.596	138	997	1.12	ppm		88

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222734.D
Acq On : 7 Nov 2024 9:23 am
Operator : jackleey
Sample : ic9899-2
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 10:37:09 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

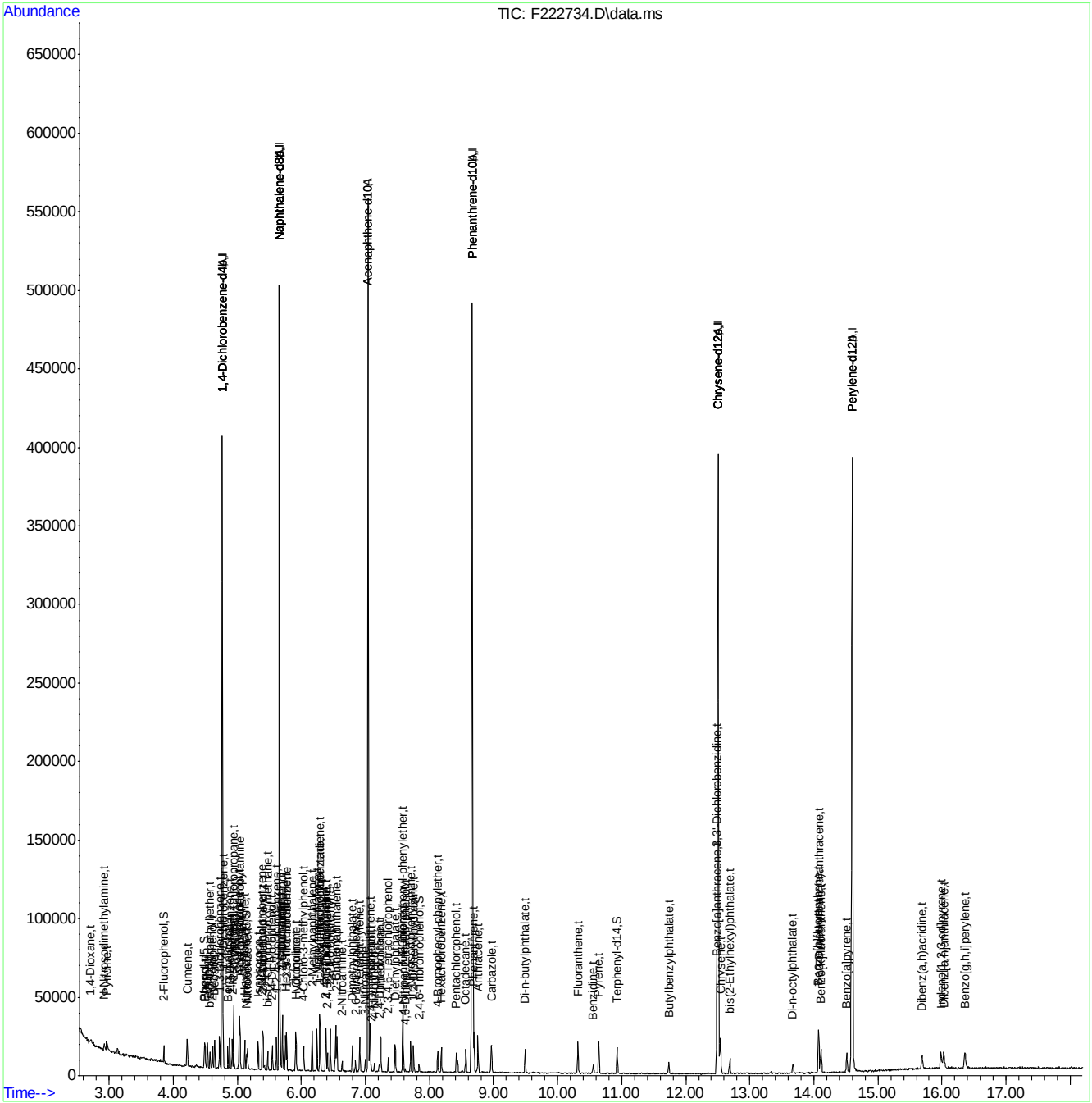
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70)	4,6-Dinitro-2-methylph...	7.629	198	382	0.87	ppm	#	67
71)	n-Nitrosodiphenylamine	7.703	169	5588	1.82	ppm		98
72)	1,2-Diphenylhydrazine	7.751	77	5754	1.83	ppm		97
74)	4-Bromophenyl-phenylether	8.125	248	2107	1.93	ppm		86
75)	Hexachlorobenzene	8.184	284	2337	2.01	ppm		89
76)	Pentachlorophenol	8.419	266	1883	2.41	ppm		95
77)	Phenanthrene	8.692	178	10375	1.97	ppm		94
78)	Anthracene	8.756	178	10268	1.91	ppm		97
79)	Carbazole	8.969	167	9125	1.81	ppm		99
80)	Di-n-butylphthalate	9.493	149	9717	1.59	ppm		97
81)	Fluoranthene	10.316	202	10165	1.66	ppm		95
82)	Octadecane	8.563	57	3094	1.61	ppm		94
84)	Benzidine	10.551	184	4819	1.51	ppm		97
85)	Pyrene	10.642	202	10909	1.81	ppm		100
87)	Butylbenzylphthalate	11.737	149	2498	1.09	ppm		91
88)	Benzo[a]anthracene	12.485	228	9696	1.73	ppm		98
89)	3,3'-Dichlorobenzidine	12.490	252	2773	1.24	ppm		94
90)	Chrysene	12.538	228	11143	1.96	ppm		94
91)	bis(2-Ethylhexyl)phtha...	12.688	149	4101	1.12	ppm		91
93)	Di-n-octylphthalate	13.671	149	5019	0.82	ppm		95
94)	Benzo[b]fluoranthene	14.071	252	9386	1.51	ppm		95
95)	Benzo[k]fluoranthene	14.114	252	9483	1.57	ppm		96
96)	Benzo[a]pyrene	14.515	252	7360	1.43	ppm		95
97)	Indeno[1,2,3-cd]pyrene	15.989	276	7946	1.46	ppm		87
98)	Dibenz(a,h)acridine	15.690	279	5900	1.34	ppm		93
99)	Dibenz[a,h]anthracene	16.027	278	7601	1.39	ppm		93
100)	7,12-Dimethylbenz(a)an...	14.077	256	3406	1.33	ppm		82
101)	Benzo[g,h,i]perylene	16.358	276	7648	1.47	ppm		89

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

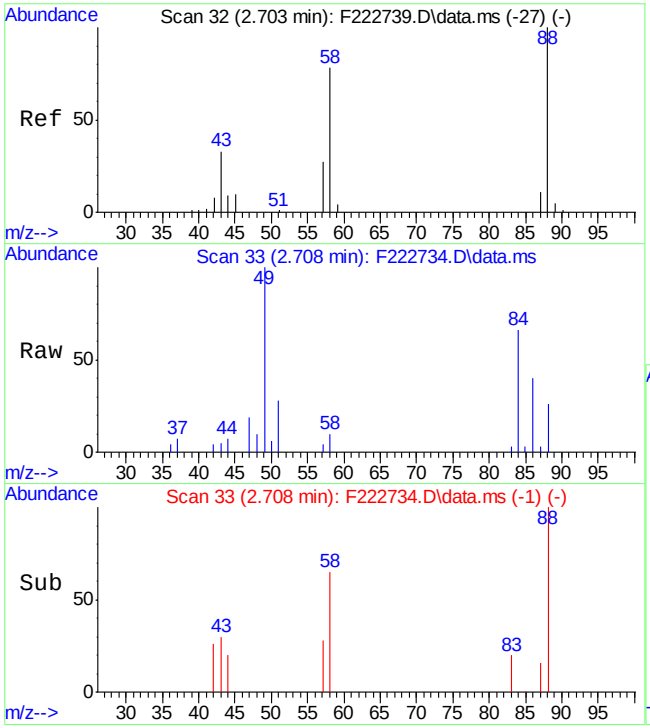
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222734.D
Acq On : 7 Nov 2024 9:23 am
Operator : jackleey
Sample : ic9899-2
Misc : op58797b,ef9899,1000,,,1,1
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Quant Time: Dec 06 10:37:09 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
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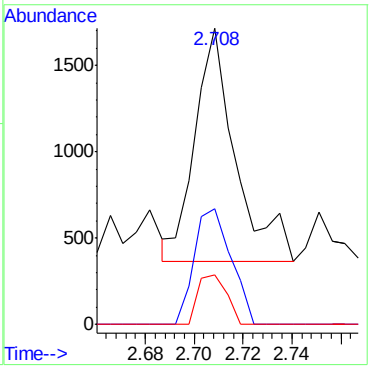
MF9899.M Fri Dec 06 10:37:33 2024 RT1 Page: 4

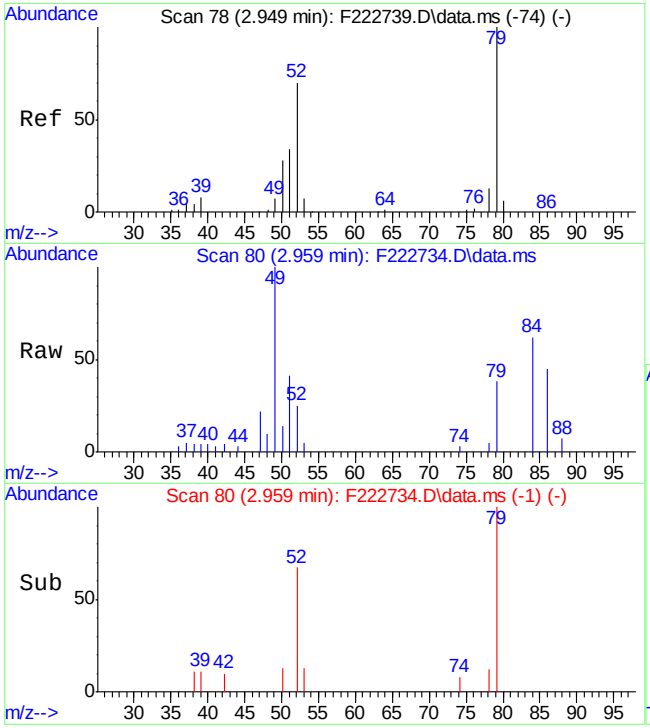


#2
1,4-Dioxane
Concen: 2.75 ppm
RT: 2.708 min Scan# 33
Delta R.T. 0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 88 Resp: 1544

Ion	Ratio	Lower	Upper
88	100		
58	52.1	47.6	107.6
57	22.2	0.0	57.2

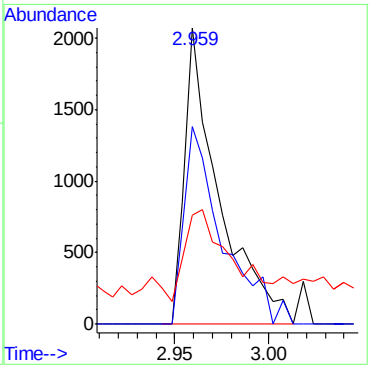


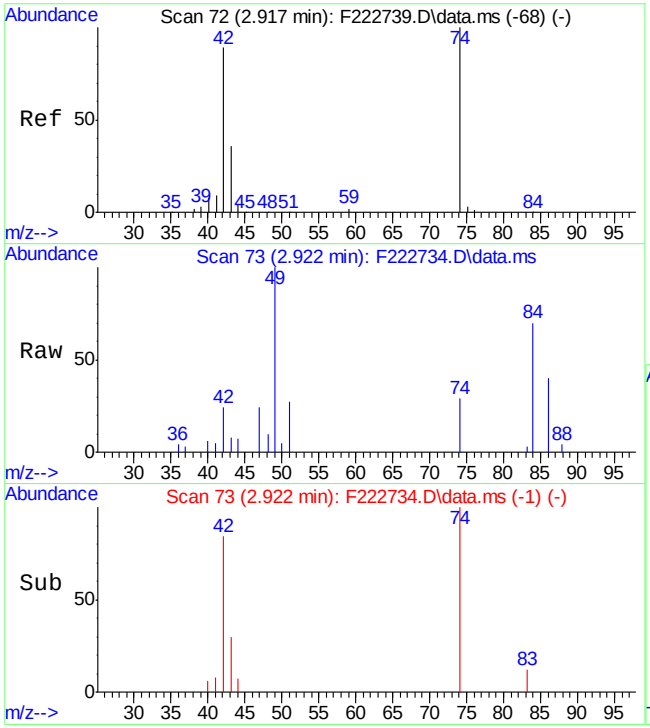


#3
Pyridine
Concen: 1.65 ppm
RT: 2.959 min Scan# 80
Delta R.T. 0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 79 Resp: 2630

Ion	Ratio	Lower	Upper
79	100		
52	66.6	39.7	99.7
50	23.7	0.0	58.3

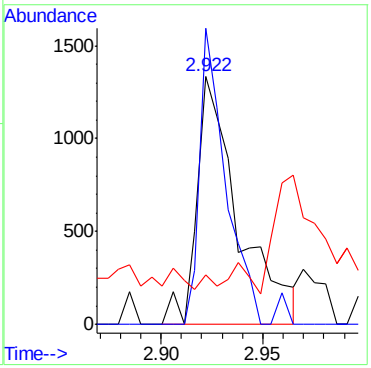


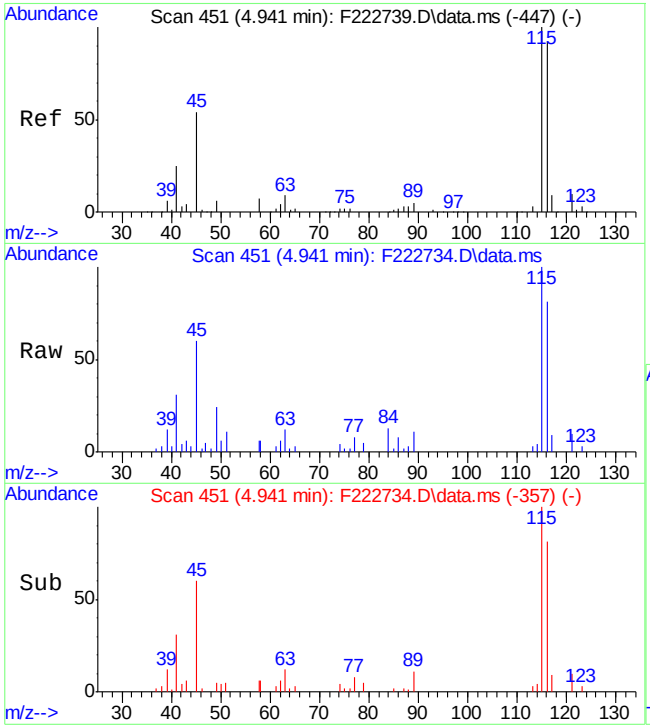


#4
N-Nitrosodimethylamine
Concen: 2.57 ppm
RT: 2.922 min Scan# 73
Delta R.T. 0.006 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 42 Resp: 1884

Ion	Ratio	Lower	Upper
42	100		
74	128.9	82.2	142.2
50	0.0	0.0	30.0

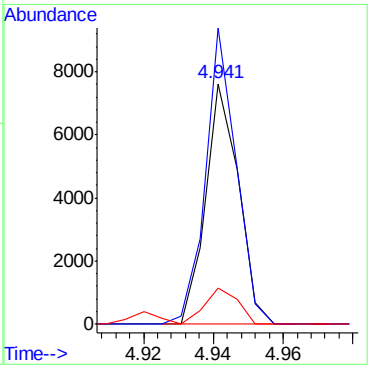


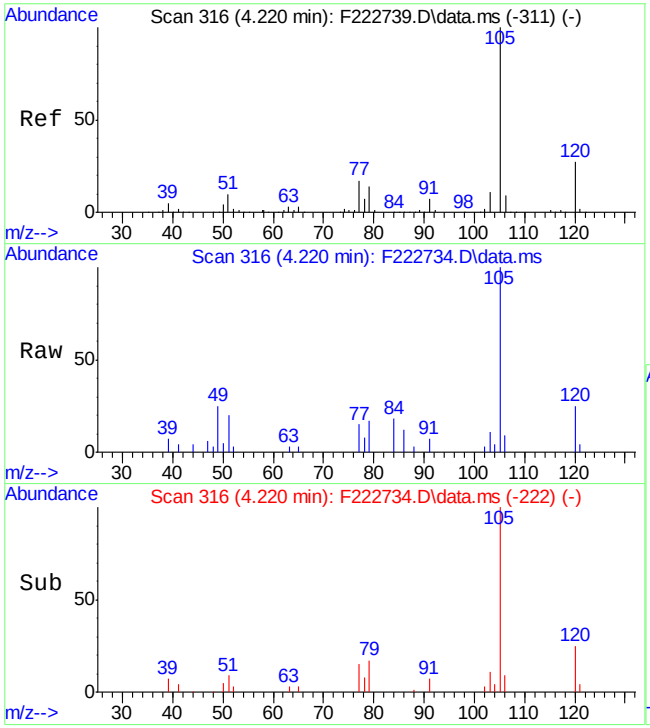


#6
Indene
Concen: 1.85 ppm
RT: 4.941 min Scan# 451
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:116 Resp: 5005

Ion	Ratio	Lower	Upper
116	100		
115	123.3	78.5	138.5
63	13.7	0.0	42.1

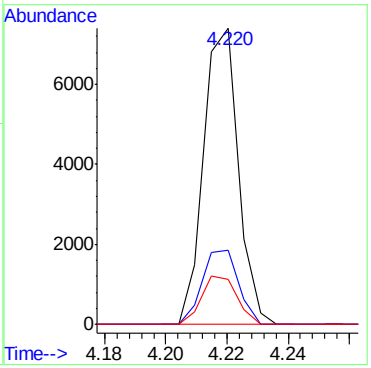


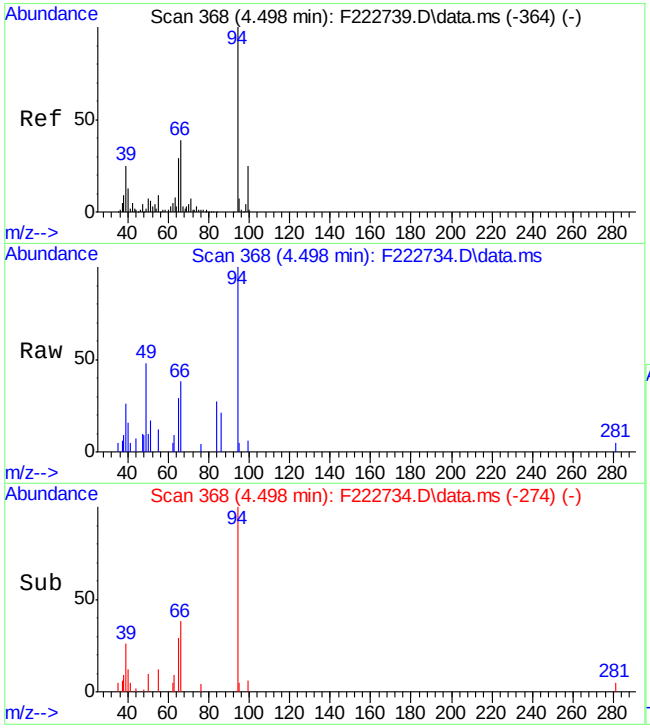


#7
Cumene
Concen: 2.00 ppm
RT: 4.220 min Scan# 316
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:105 Resp: 5808

Ion	Ratio	Lower	Upper
105	100		
120	25.0	0.0	57.2
77	15.1	0.0	46.5

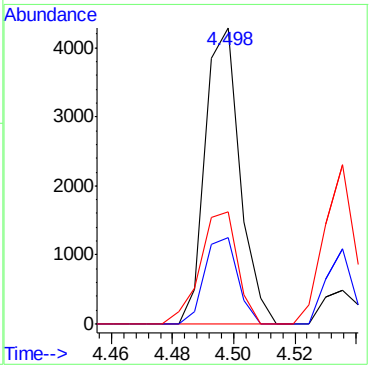


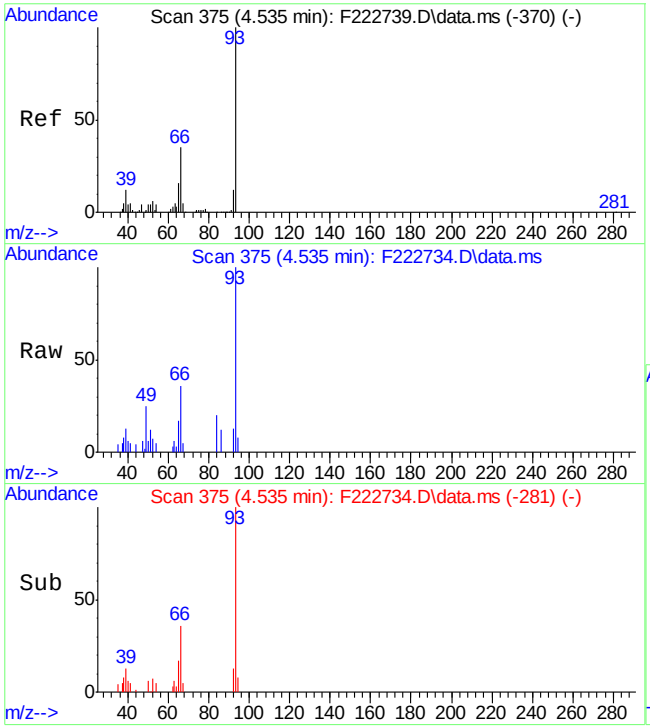


#9
Phenol
Concen: 1.85 ppm
RT: 4.498 min Scan# 368
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 94 Resp: 3367

Ion	Ratio	Lower	Upper
94	100		
65	29.1	0.0	59.0
66	37.8	8.6	68.6

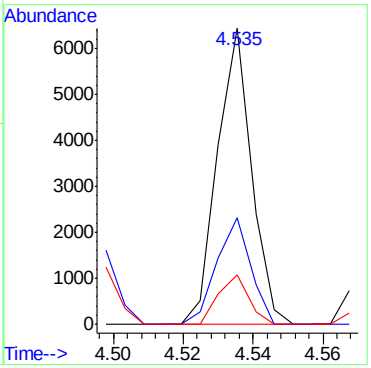


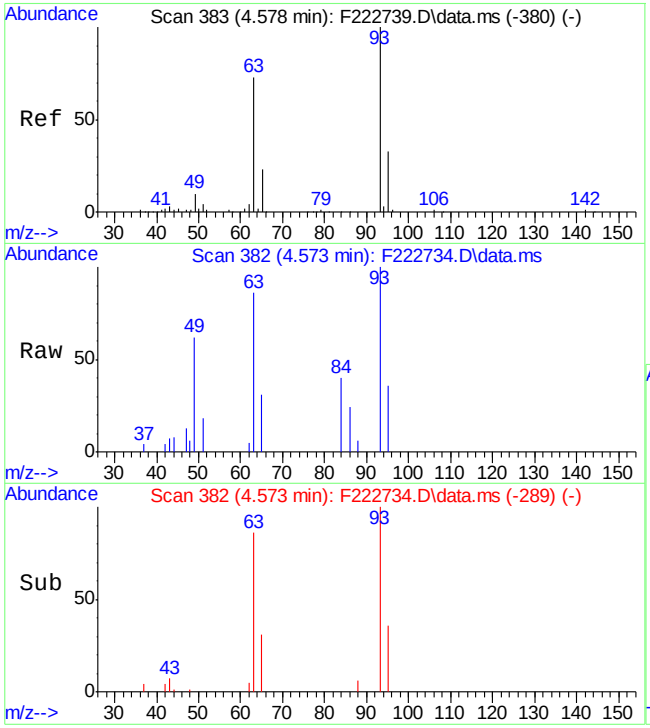


#10
Aniline
Concen: 1.91 ppm
RT: 4.535 min Scan# 375
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 93 Resp: 4344

Ion	Ratio	Lower	Upper
93	100		
66	35.9	6.6	66.6
65	16.8	0.0	47.6

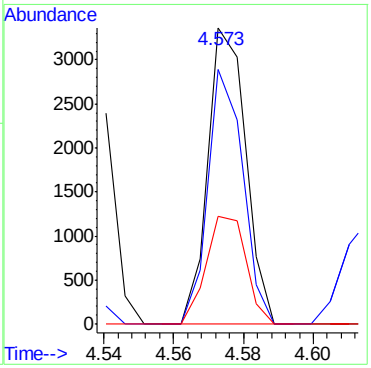


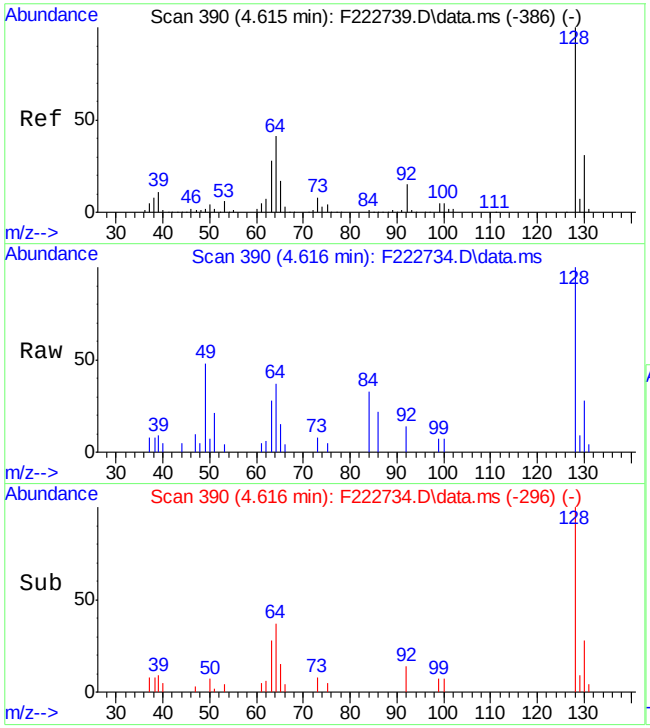


#11
bis(2-Chloroethyl)ether
Concen: 1.80 ppm
RT: 4.573 min Scan# 382
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 93 Resp: 2530

Ion	Ratio	Lower	Upper
93	100		
63	85.9	42.1	102.1
95	36.2	2.4	62.4

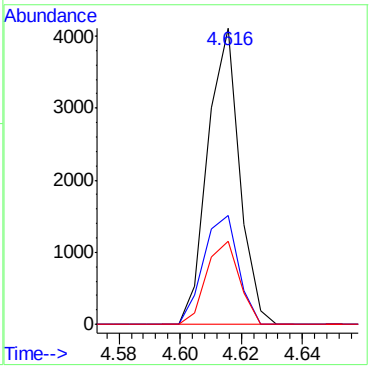


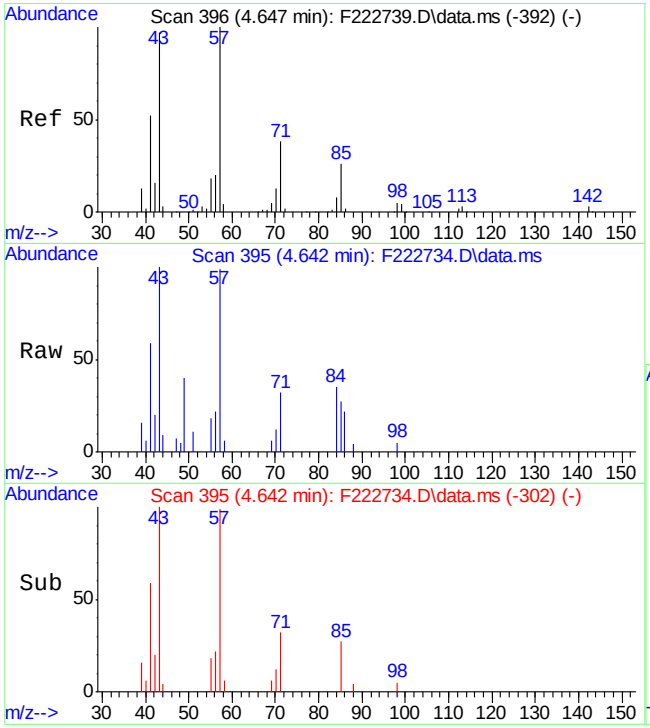


#12
2-Chlorophenol
Concen: 1.87 ppm
RT: 4.616 min Scan# 390
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:128 Resp: 2956

Ion	Ratio	Lower	Upper
128	100		
64	36.7	10.9	70.9
130	28.1	1.2	61.2

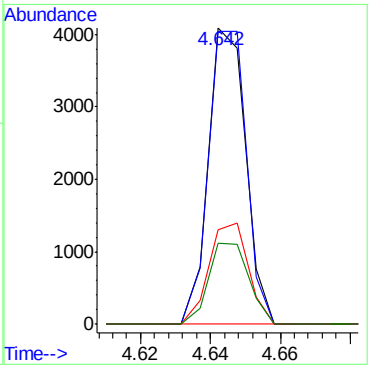


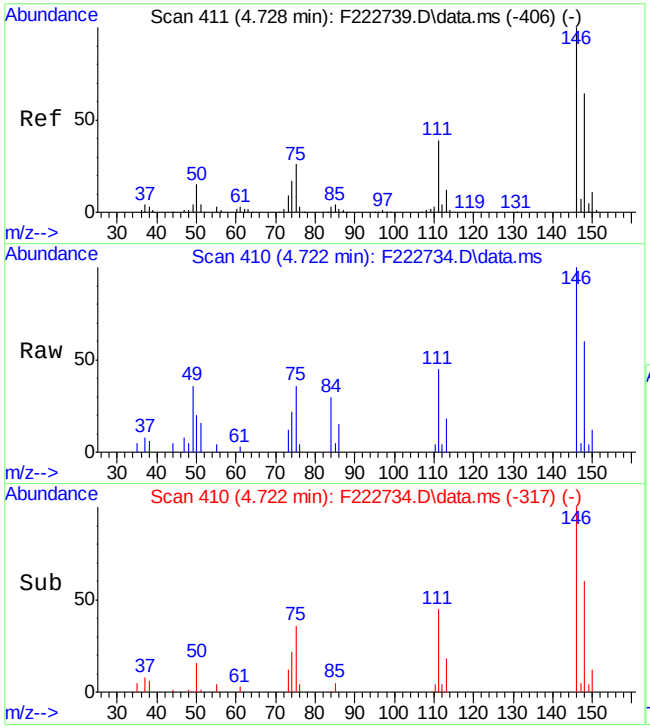


#13
Decane
Concen: 2.03 ppm
RT: 4.642 min Scan# 395
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 43 Resp: 3027

Ion	Ratio	Lower	Upper
43	100		
57	99.0	73.5	133.5
71	31.8	9.4	69.4
85	27.1	0.0	56.4

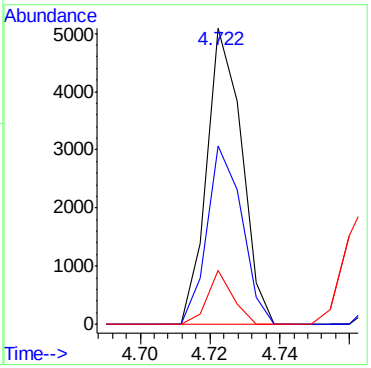


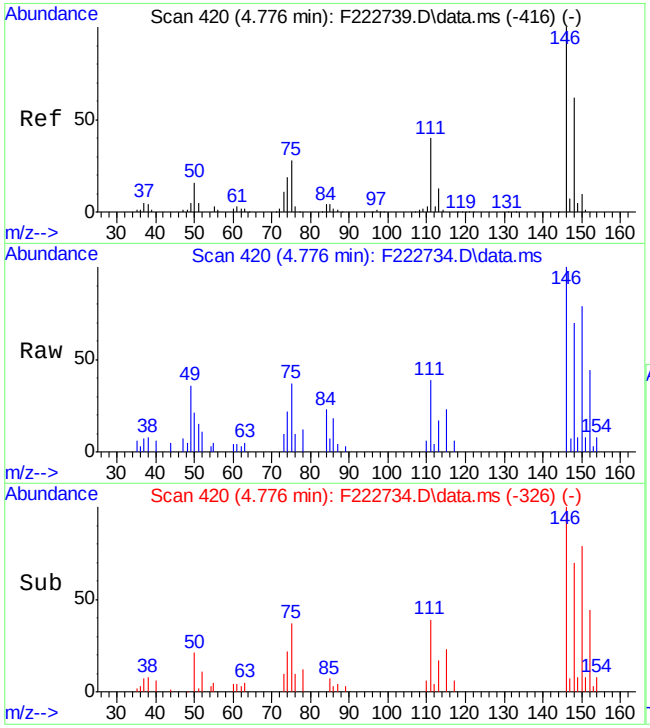


#14
1,3-Dichlorobenzene
Concen: 1.95 ppm
RT: 4.722 min Scan# 410
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:146 Resp: 3539

Ion	Ratio	Lower	Upper
146	100		
148	60.2	33.6	93.6
113	18.3	0.0	41.9

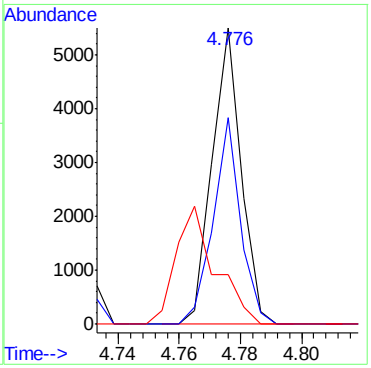


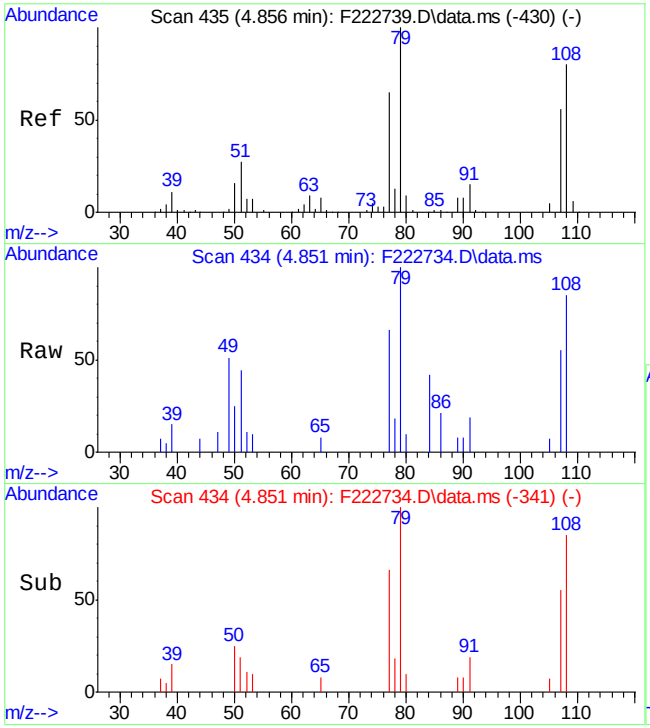


#15
1,4-Dichlorobenzene
Concen: 1.93 ppm
RT: 4.776 min Scan# 420
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:146 Resp: 3605

Ion	Ratio	Lower	Upper
146	100		
148	69.5	32.0	92.0
113	14.4	0.0	42.6

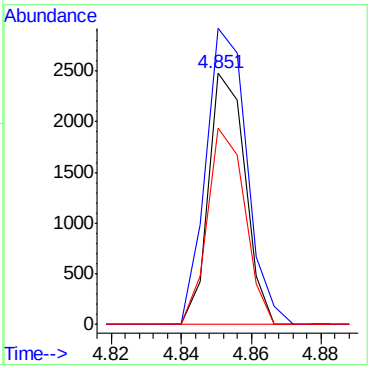


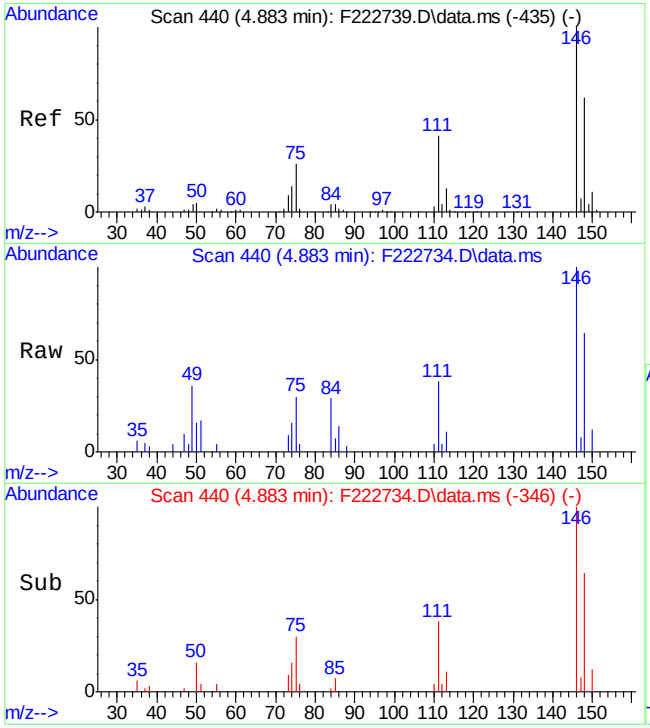


#16
Benzyl alcohol
Concen: 1.83 ppm
RT: 4.851 min Scan# 434
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:108 Resp: 1792

Ion	Ratio	Lower	Upper
108	100		
79	117.6	95.7	155.7
77	78.0	51.3	111.3

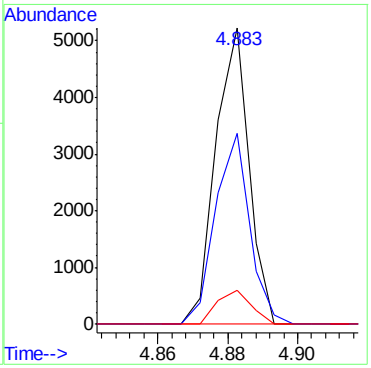


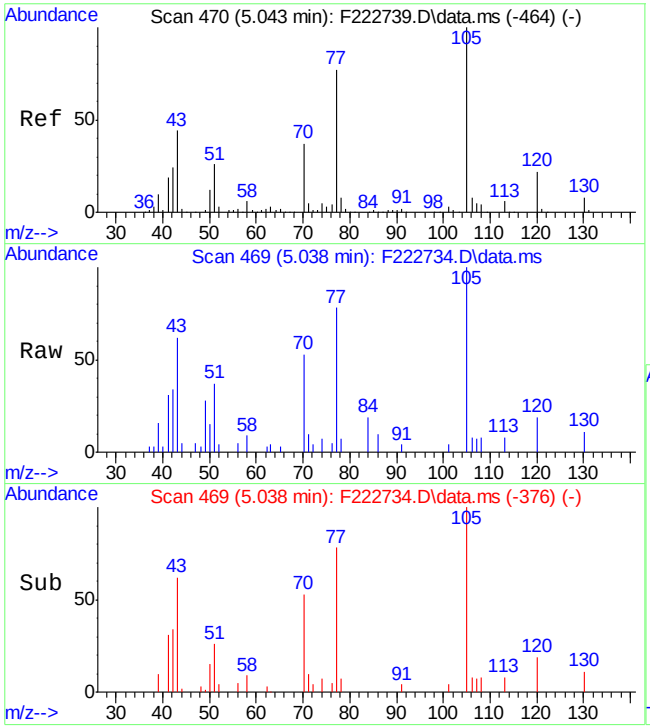


#17
1,2-Dichlorobenzene
Concen: 1.96 ppm
RT: 4.883 min Scan# 440
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:146 Resp: 3440

Ion	Ratio	Lower	Upper
146	100		
148	64.4	31.8	91.8
113	11.3	0.0	42.3

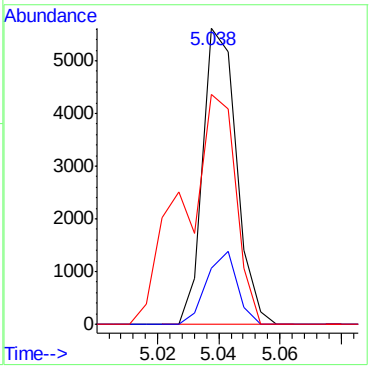


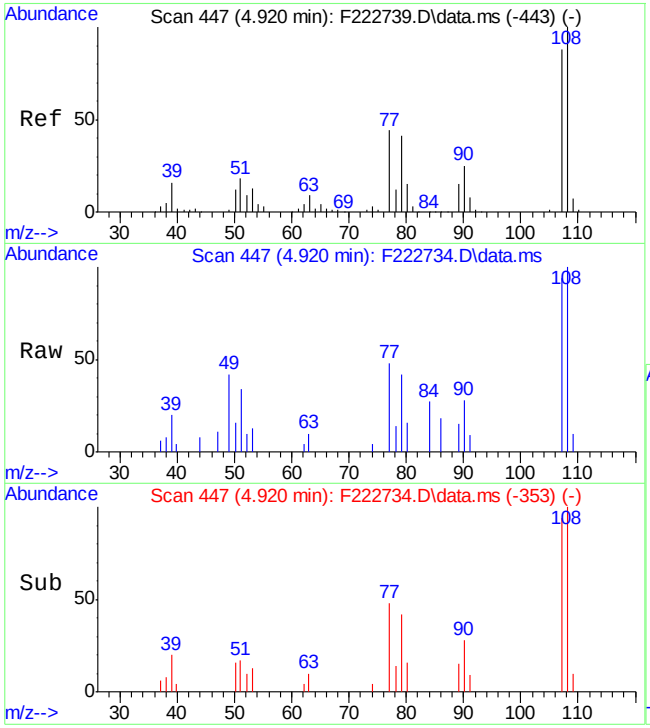


#18
Acetophenone
Concen: 1.88 ppm
RT: 5.038 min Scan# 469
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:105 Resp: 4267

Ion	Ratio	Lower	Upper
105	100		
120	18.9	0.0	51.5
77	59.6	46.5	106.5

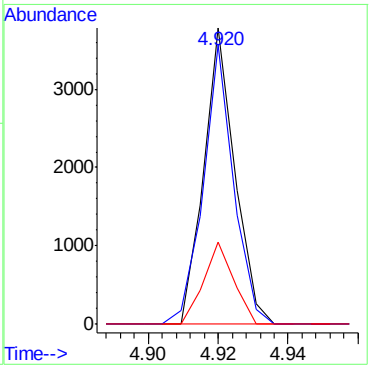


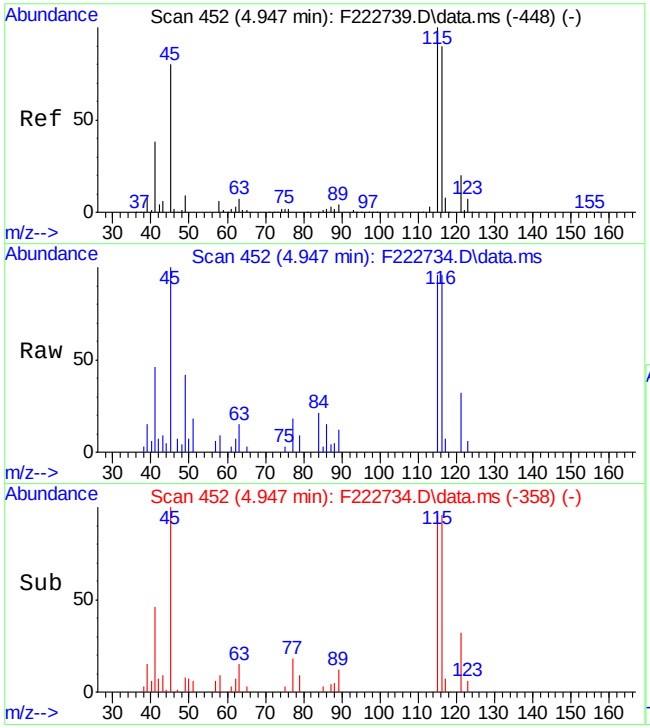


#19
2-Methylphenol
Concen: 1.71 ppm
RT: 4.920 min Scan# 447
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:108 Resp: 2326

Ion	Ratio	Lower	Upper
108	100		
107	94.4	58.3	118.3
90	27.9	0.0	55.3

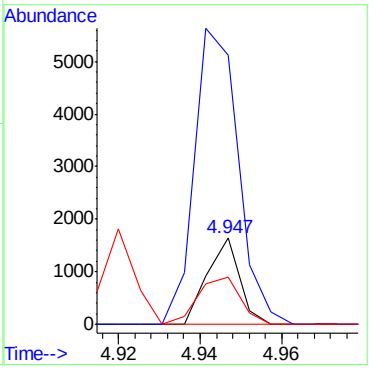


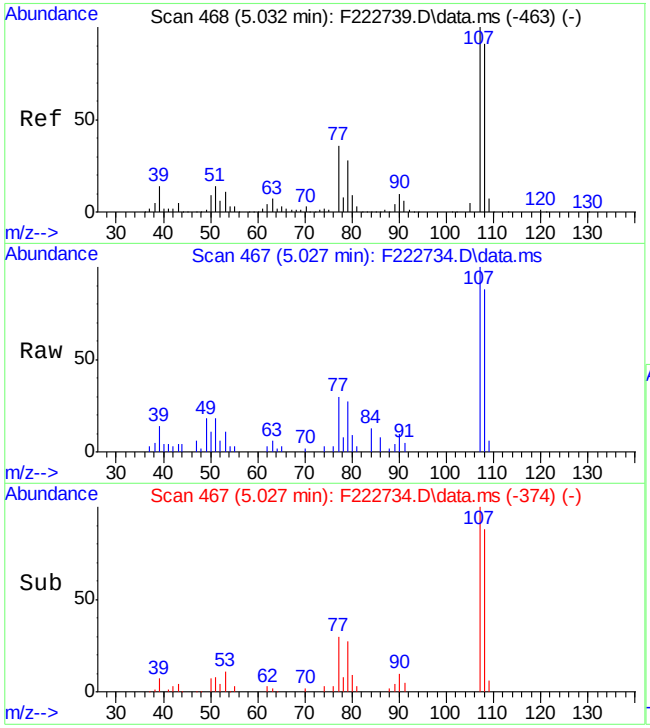


#20
2,2'-oxybis(1-Chloropropane
Concen: 2.05 ppm
RT: 4.947 min Scan# 452
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:121 Resp: 900

Ion	Ratio	Lower	Upper
121	100		
45	313.0	374.4	434.4#
77	54.8	0.0	49.9#

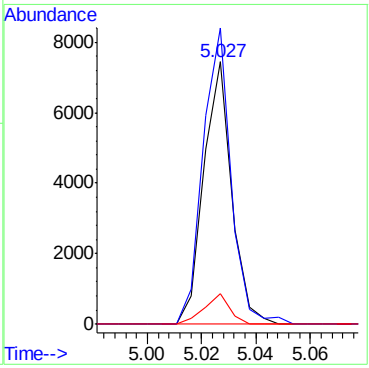


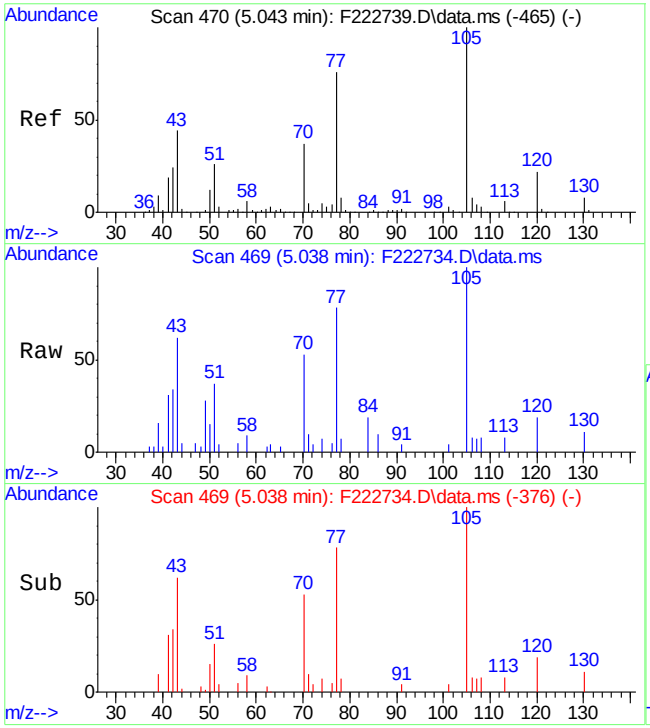


#21
3&4-Methylphenol
Concen: 3.61 ppm
RT: 5.027 min Scan# 467
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:108 Resp: 5295

Ion	Ratio	Lower	Upper
108	100		
107	113.0	80.0	140.0
90	11.6	0.0	41.5

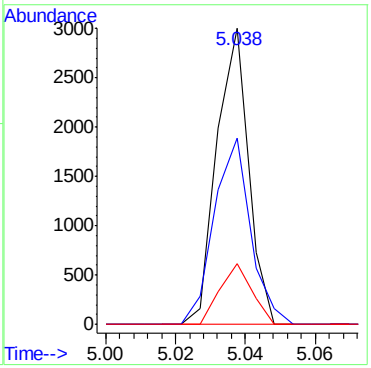


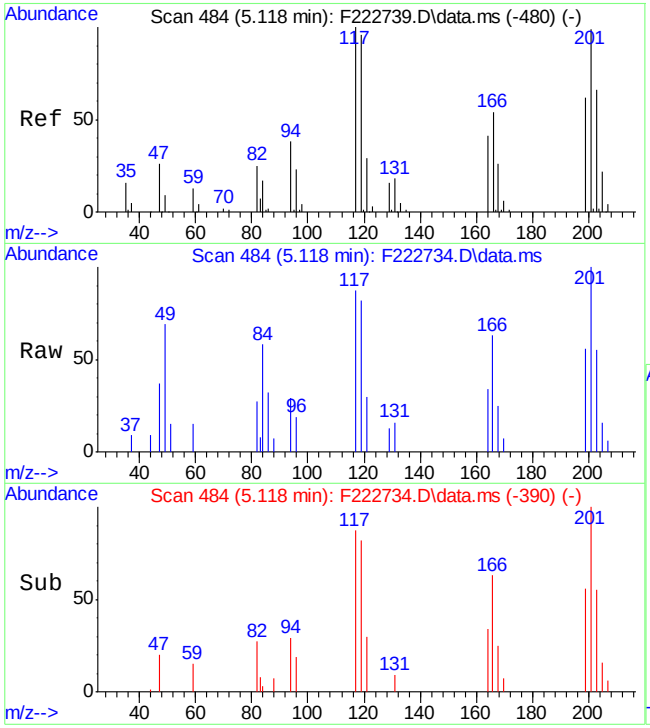


#22
n-Nitroso-di-n-propylamine
Concen: 1.80 ppm
RT: 5.038 min Scan# 469
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 70 Resp: 1885

Ion	Ratio	Lower	Upper
70	100		
42	63.0	44.9	83.5
130	20.6	15.4	28.6

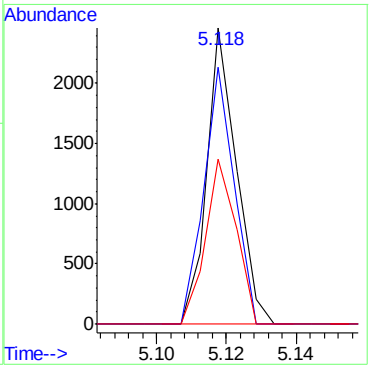


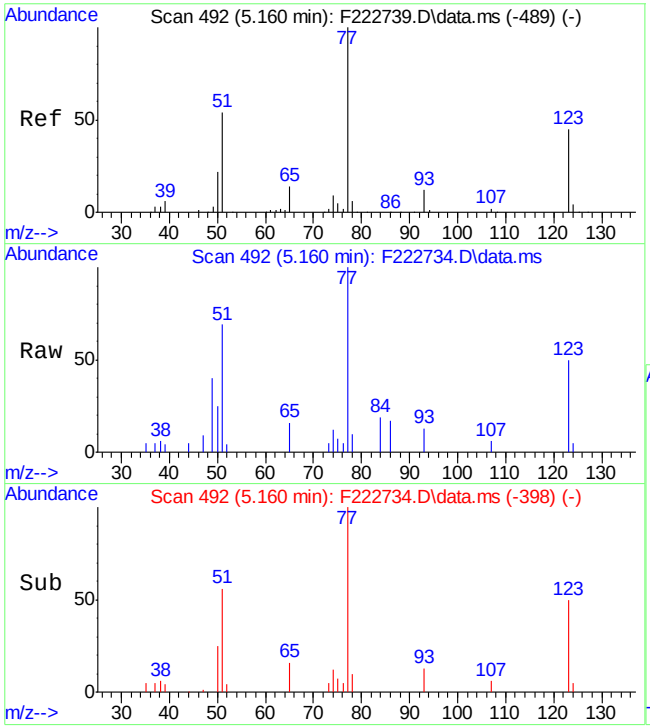


#23
Hexachloroethane
Concen: 1.96 ppm
RT: 5.118 min Scan# 484
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:201 Resp: 1450

Ion	Ratio	Lower	Upper
201	100		
117	86.6	70.8	130.8
199	55.6	32.9	92.9

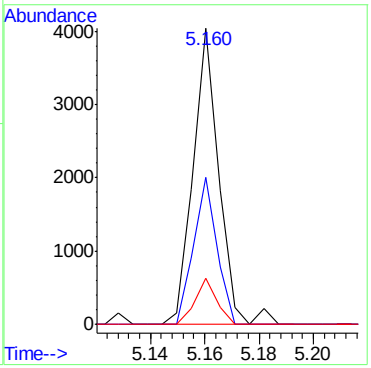


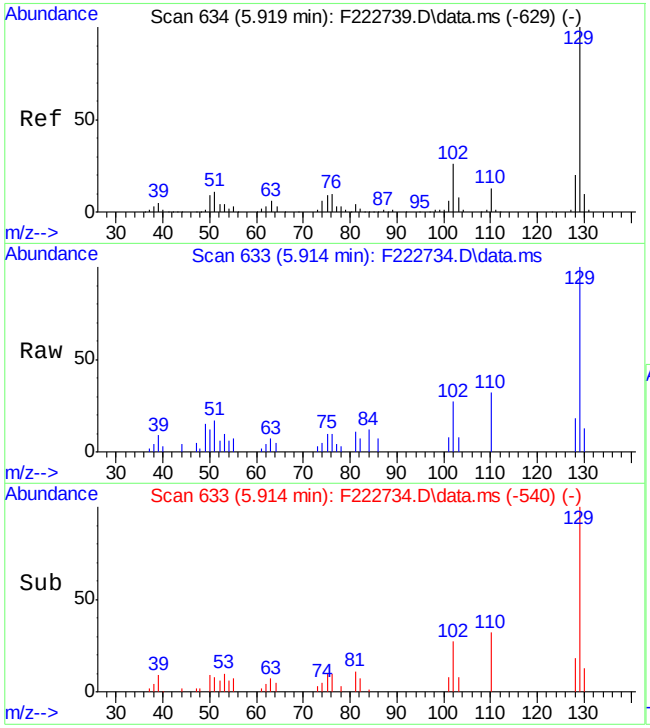


#26
Nitrobenzene
Concen: 1.70 ppm
RT: 5.160 min Scan# 492
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 77 Resp: 2661

Ion	Ratio	Lower	Upper
77	100		
123	49.7	14.9	74.9
65	15.6	0.0	44.3

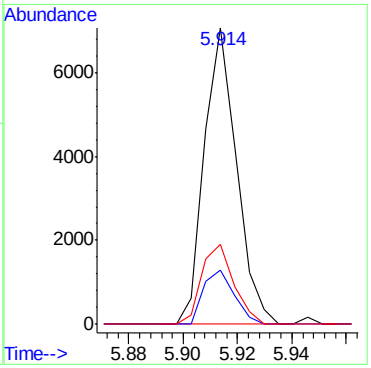


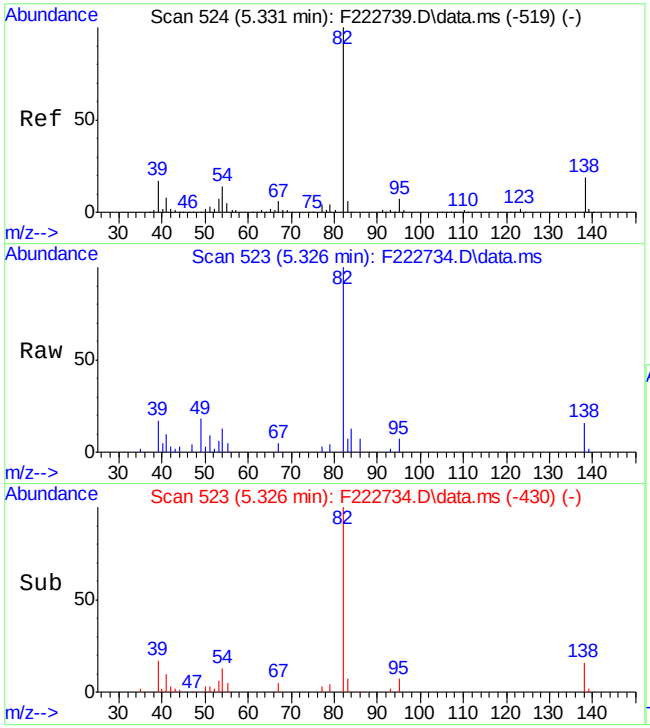


#27
Quinoline
Concen: 1.89 ppm
RT: 5.914 min Scan# 633
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:129 Resp: 5818

Ion	Ratio	Lower	Upper
129	100		
128	18.1	0.0	49.8
102	26.8	0.0	55.7

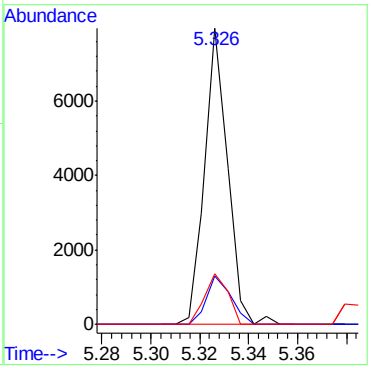


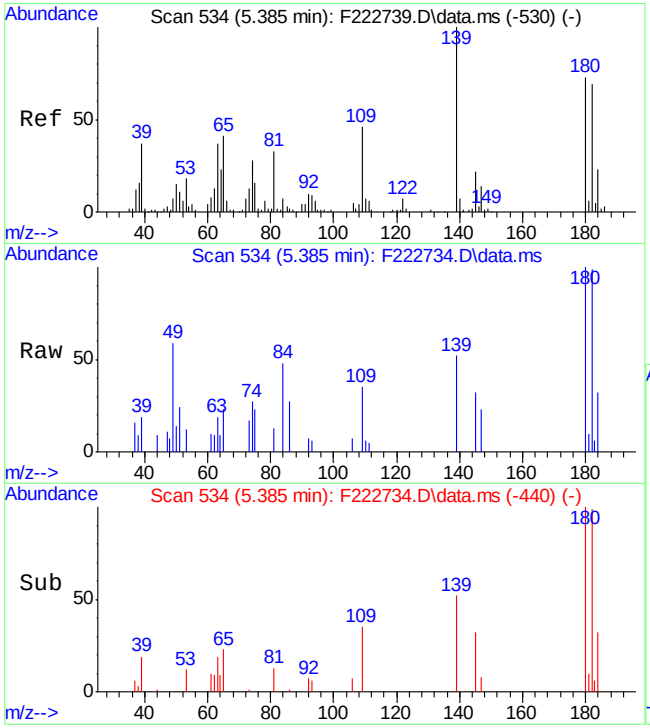


#28
Isophorone
Concen: 1.87 ppm
RT: 5.326 min Scan# 523
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 82 Resp: 5171

Ion	Ratio	Lower	Upper
82	100		
138	16.2	0.0	48.7
39	17.0	0.0	46.7

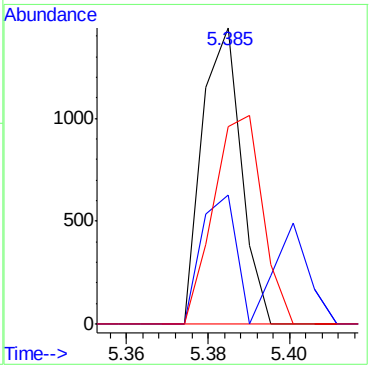


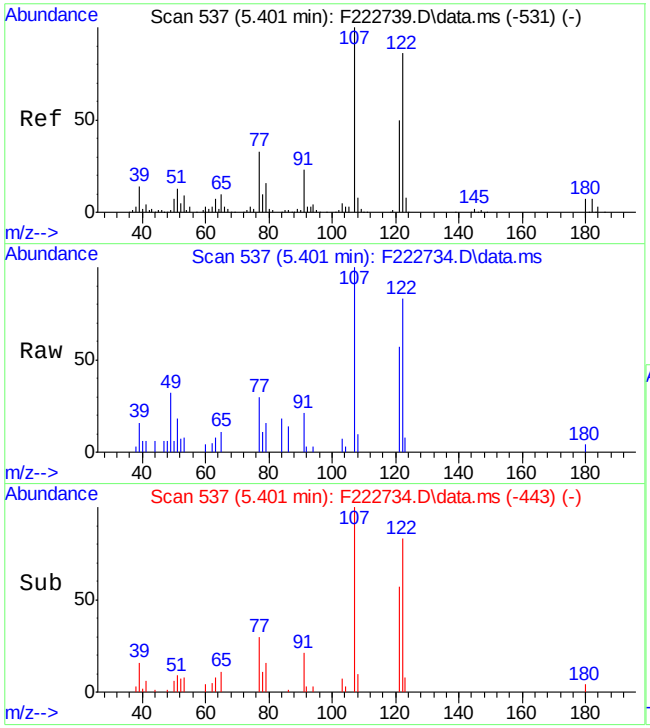


#29
2-Nitrophenol
Concen: 1.28 ppm
RT: 5.385 min Scan# 534
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:139 Resp: 951

Ion	Ratio	Lower	Upper
139	100		
65	26.4	10.5	70.5
109	66.5	16.1	76.1

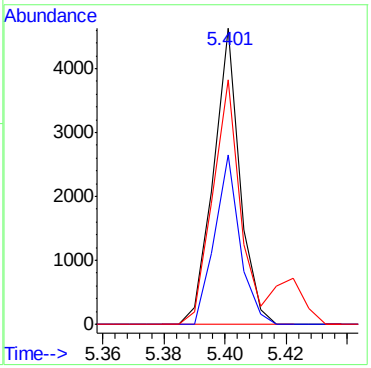


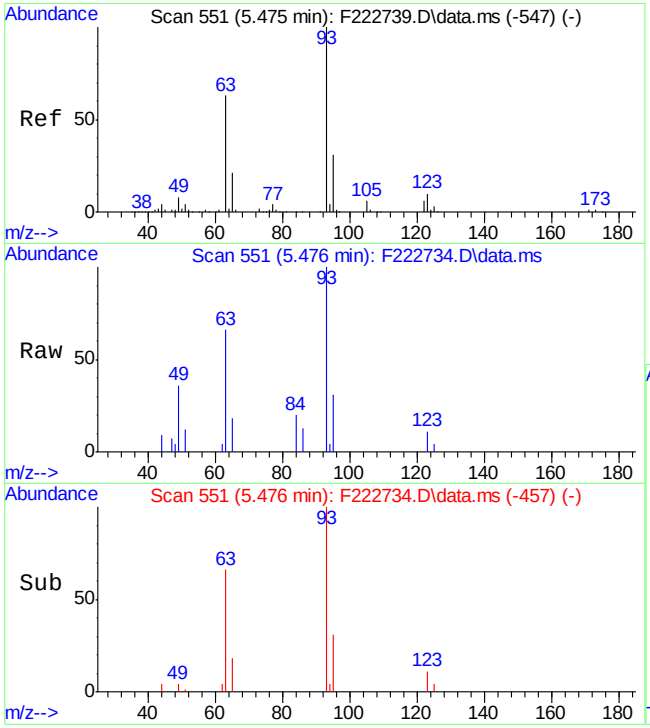


#30
2,4-Dimethylphenol
Concen: 1.77 ppm
RT: 5.401 min Scan# 537
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:107 Resp: 2781

Ion	Ratio	Lower	Upper
107	100		
121	57.3	20.1	80.1
122	74.8	49.3	109.3

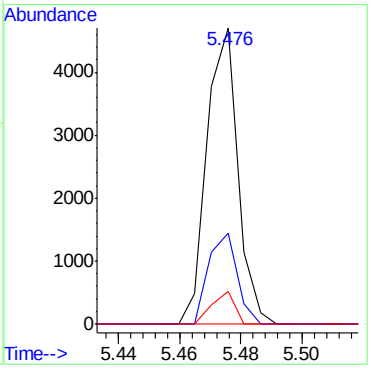


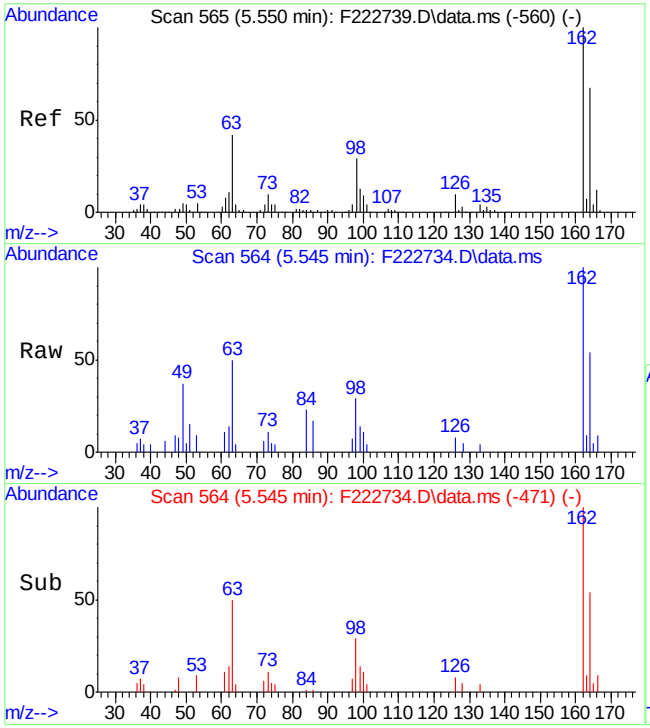


#32
bis(2-Chloroethoxy)methane
Concen: 1.83 ppm
RT: 5.476 min Scan# 551
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 93 Resp: 3299

Ion	Ratio	Lower	Upper
93	100		
95	30.7	1.4	61.4
123	11.0	0.0	40.0

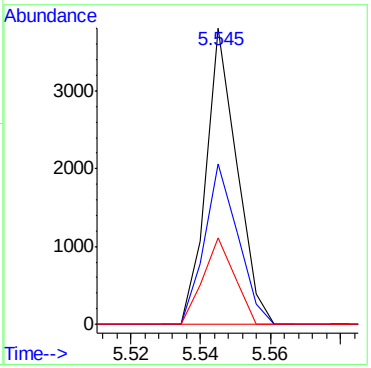


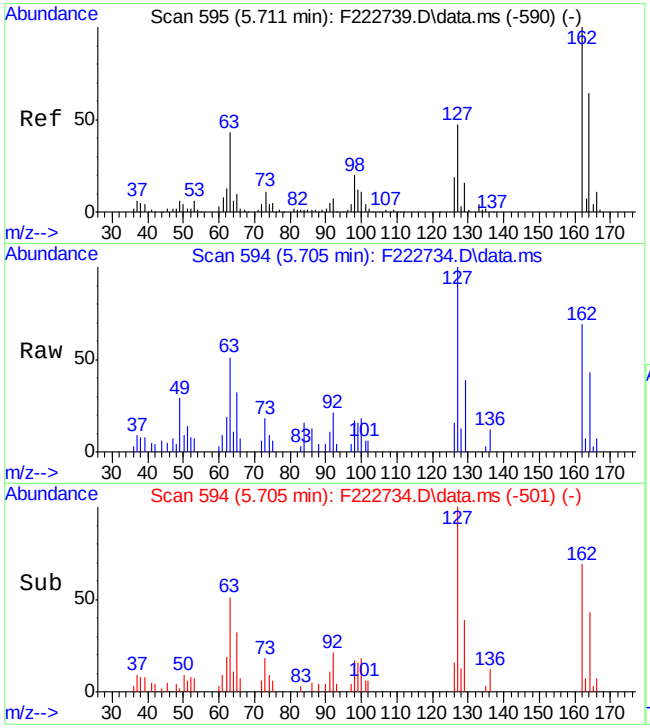


#33
2,4-Dichlorophenol
Concen: 1.69 ppm
RT: 5.545 min Scan# 564
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:162 Resp: 2339

Ion	Ratio	Lower	Upper
162	100		
164	54.1	36.7	96.7
98	29.1	0.0	59.1

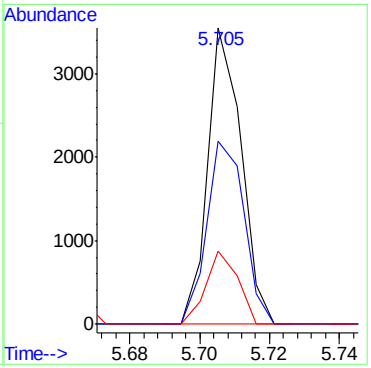


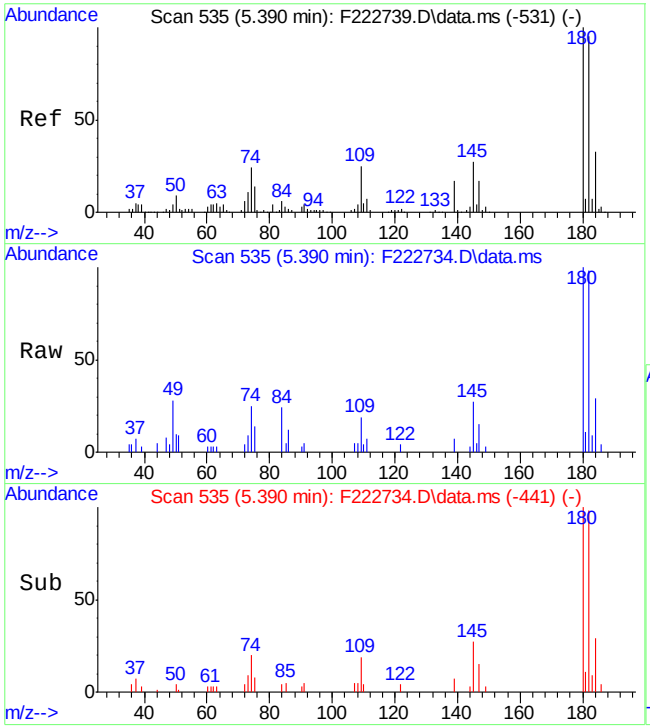


#34
2,6-Dichlorophenol
Concen: 1.66 ppm
RT: 5.705 min Scan# 594
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:162 Resp: 2367

Ion	Ratio	Lower	Upper
162	100		
164	61.8	34.3	94.3
98	24.8	0.0	49.7

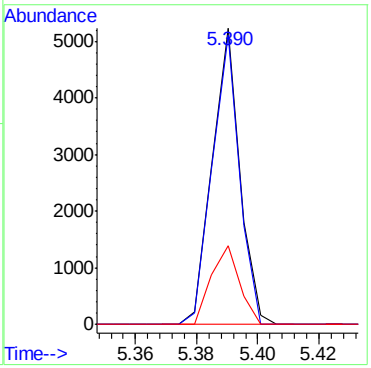


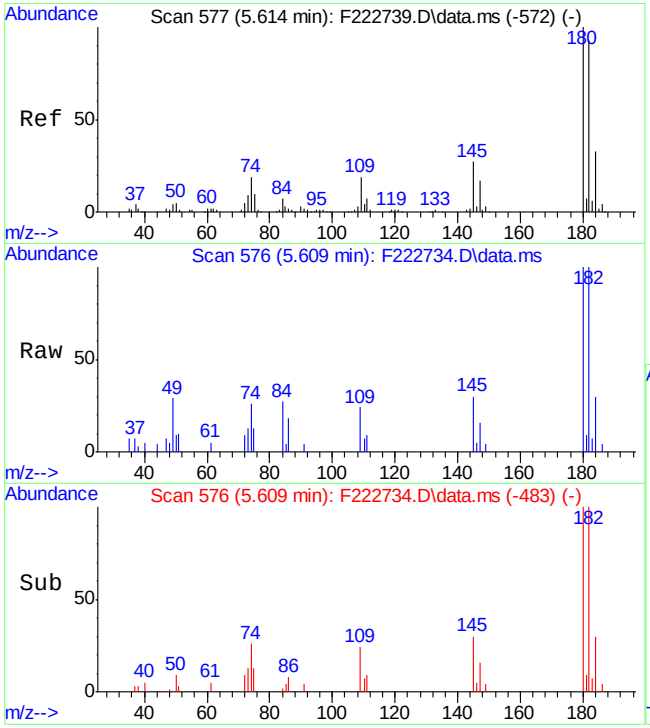


#35
1,3,5-Trichlorobenzene
Concen: 1.85 ppm
RT: 5.390 min Scan# 535
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:180 Resp: 3264

Ion	Ratio	Lower	Upper
180	100		
182	97.6	65.3	125.3
145	26.7	0.0	57.4

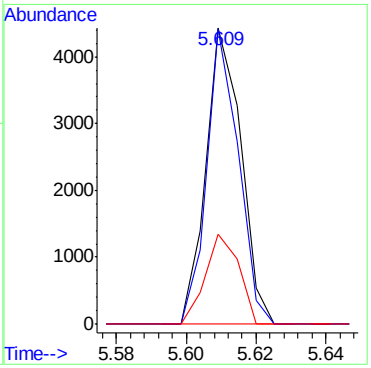


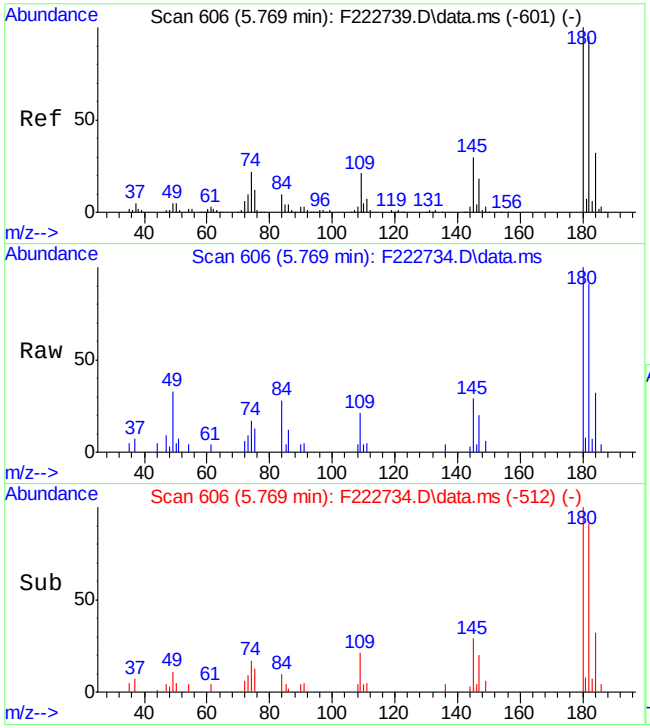


#36
1,2,4-Trichlorobenzene
Concen: 1.87 ppm
RT: 5.609 min Scan# 576
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:180 Resp: 3092

Ion	Ratio	Lower	Upper
180	100		
182	99.5	63.3	123.3
145	30.3	0.0	56.9

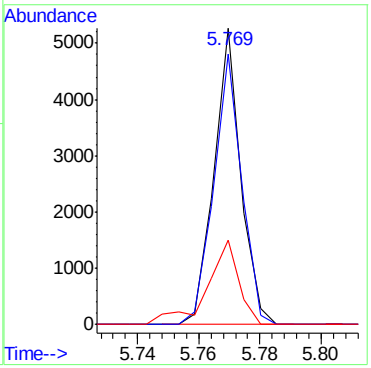


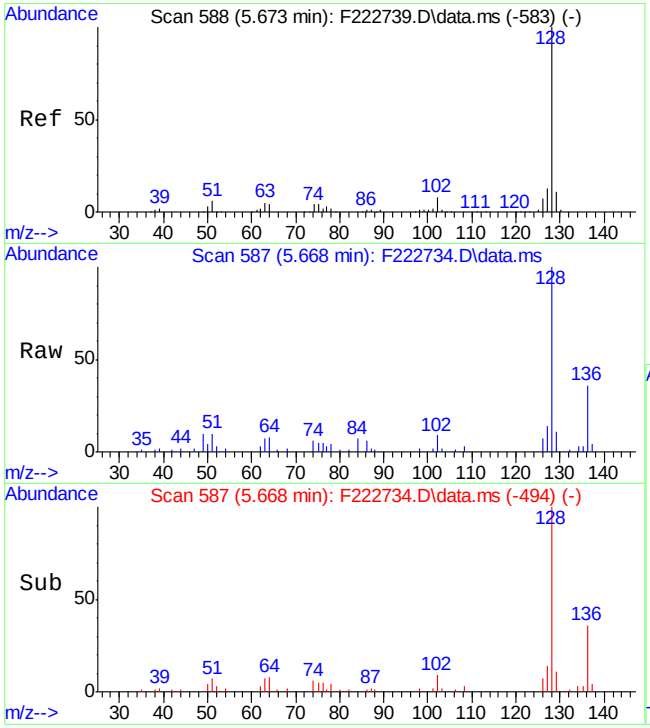


#37
1,2,3-Trichlorobenzene
Concen: 1.88 ppm
RT: 5.769 min Scan# 606
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:180 Resp: 3188

Ion	Ratio	Lower	Upper
180	100		
182	91.3	64.7	124.7
145	26.9	0.0	59.8

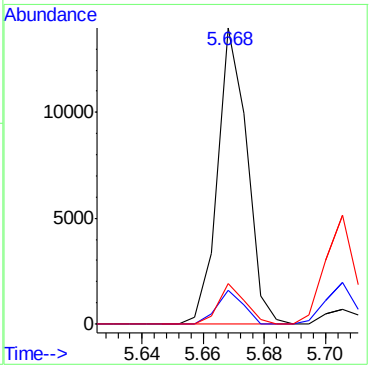


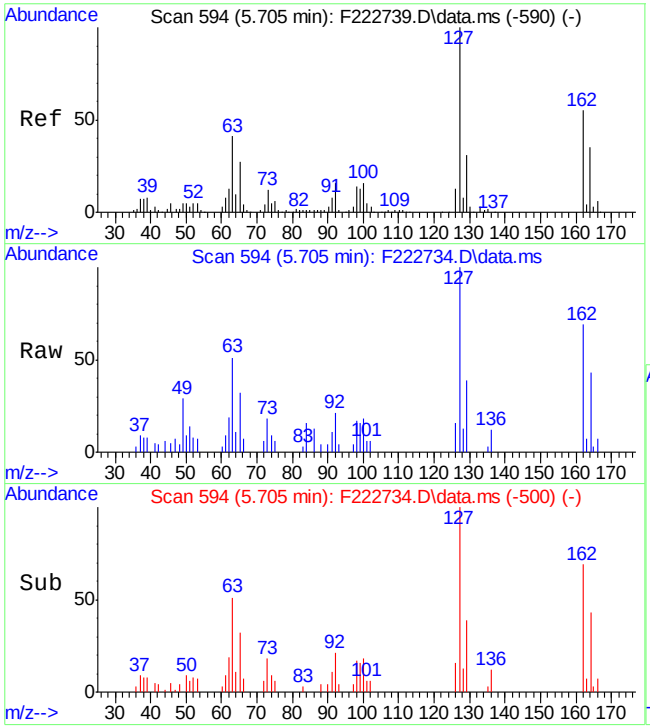


#38
Naphthalene
Concen: 1.99 ppm
RT: 5.668 min Scan# 587
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:128 Resp: 9343

Ion	Ratio	Lower	Upper
128	100		
129	11.2	0.0	40.5
127	13.7	0.0	42.8

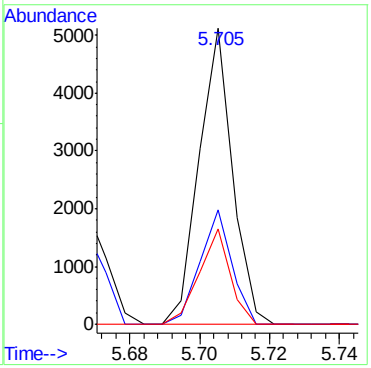


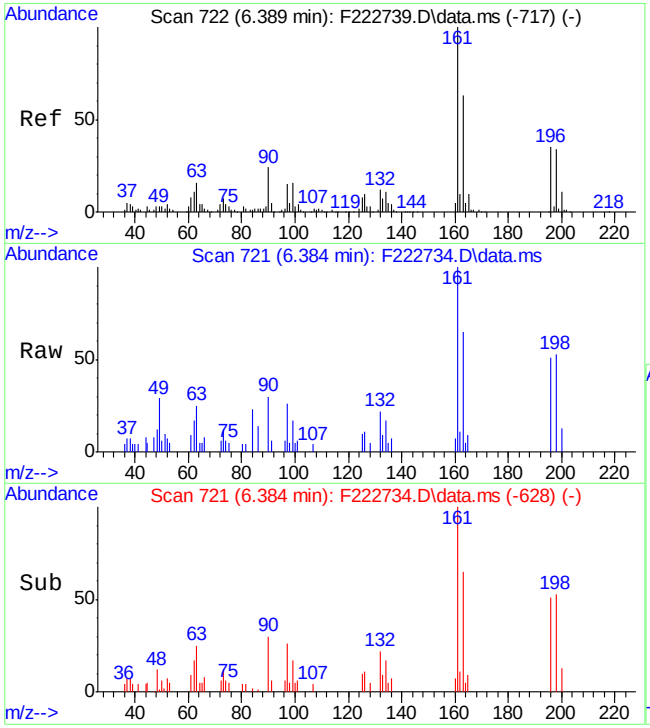


#39
4-Chloroaniline
Concen: 1.67 ppm
RT: 5.705 min Scan# 594
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:127 Resp: 3409

Ion	Ratio	Lower	Upper
127	100		
129	38.8	1.4	61.4
65	32.1	0.0	57.0

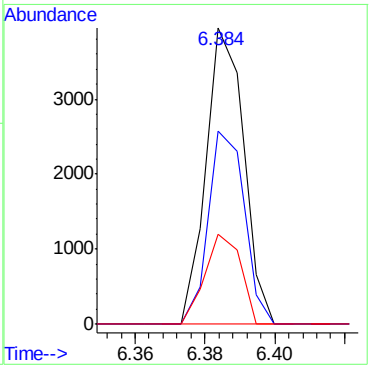


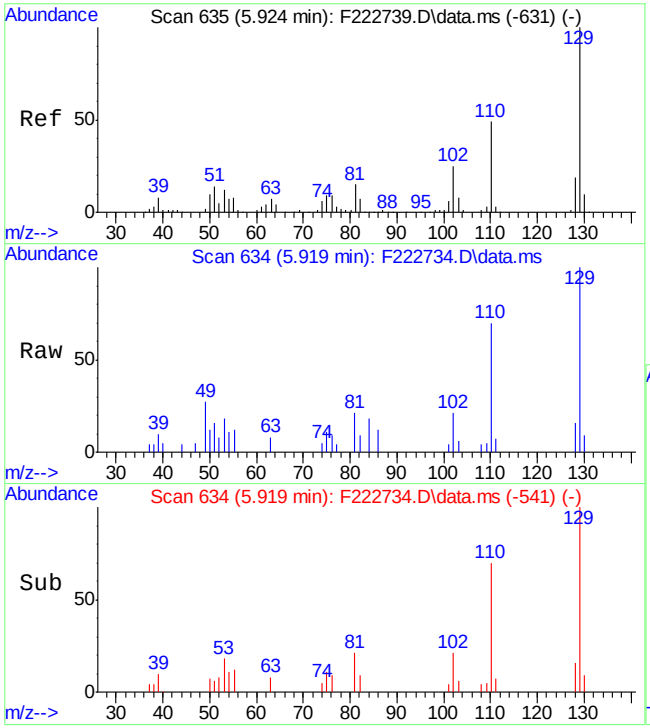


#40
2,3-Dichloroaniline
Concen: 1.78 ppm
RT: 6.384 min Scan# 721
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:161 Resp: 2955

Ion	Ratio	Lower	Upper
161	100		
163	65.1	32.9	92.9
90	30.2	0.0	54.3

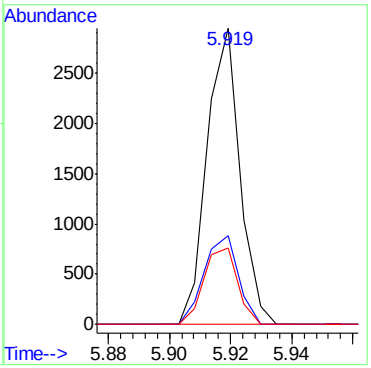


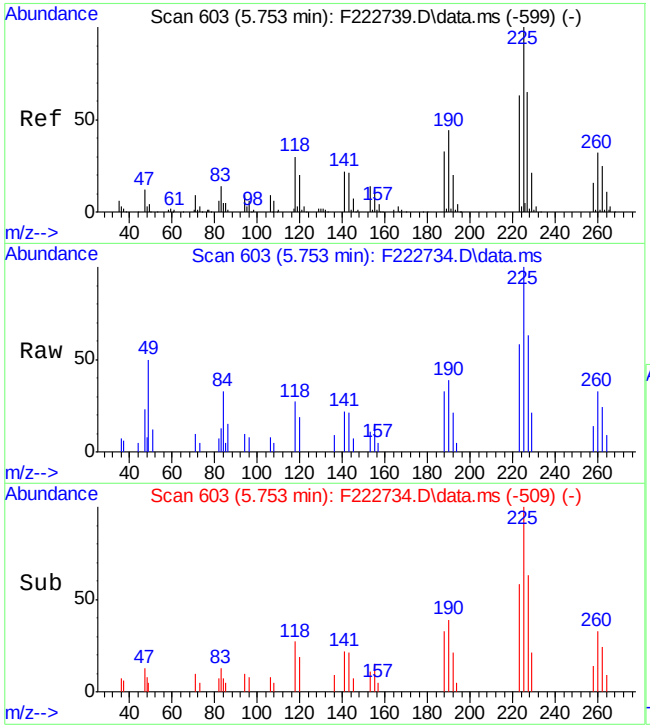


#41
Hydroquinone
Concen: 1.59 ppm
RT: 5.919 min Scan# 634
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:110 Resp: 2189

Ion	Ratio	Lower	Upper
110	100		
81	29.8	0.7	60.7
53	25.6	0.0	54.6

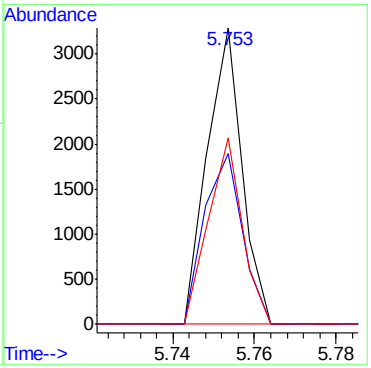


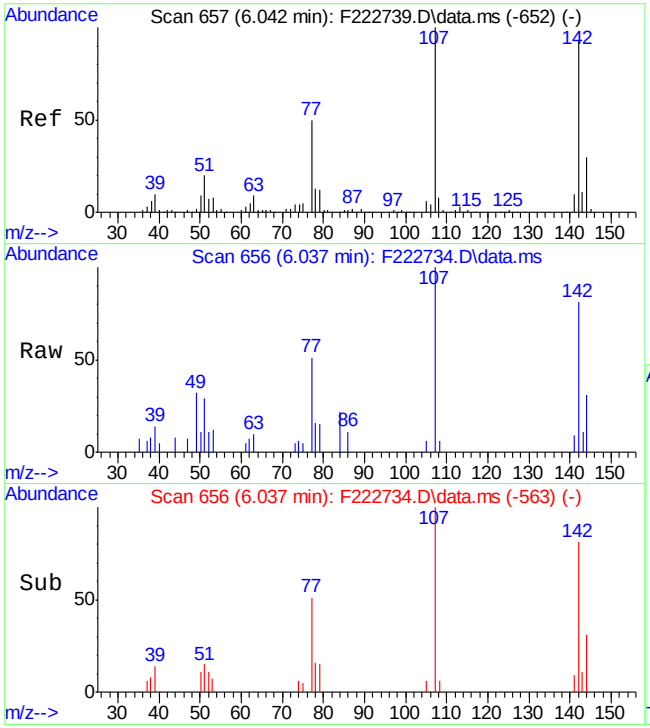


#42
Hexachlorobutadiene
Concen: 1.82 ppm
RT: 5.753 min Scan# 603
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:225 Resp: 1947

Ion	Ratio	Lower	Upper
225	100		
223	57.5	33.1	93.1
227	62.7	35.0	95.0

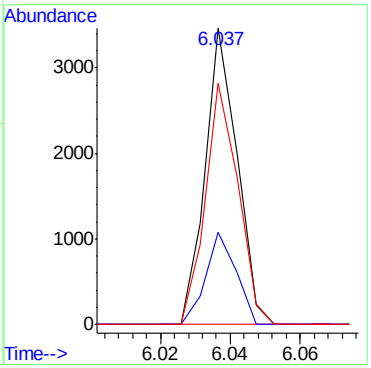


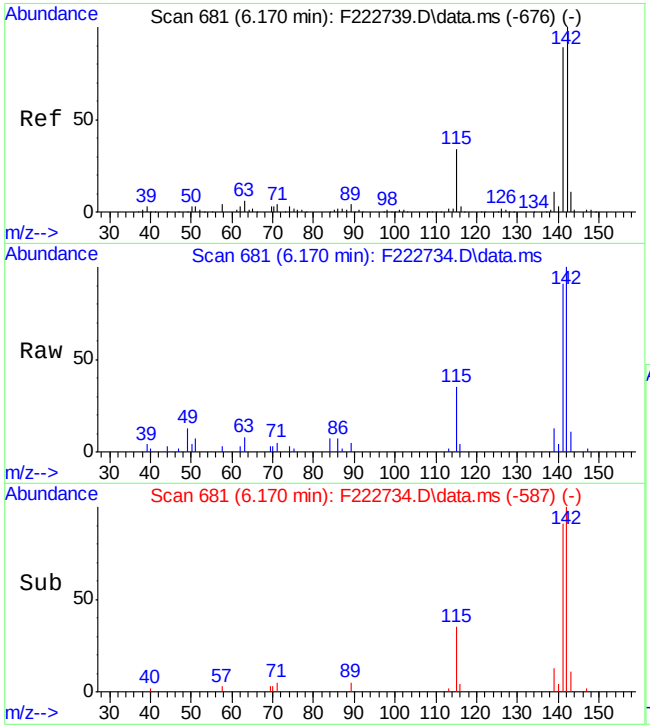


#43
4-Chloro-3-methylphenol
Concen: 1.71 ppm
RT: 6.037 min Scan# 656
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:107 Resp: 2197

Ion	Ratio	Lower	Upper
107	100		
144	30.9	0.0	59.6
142	81.4	62.6	122.6

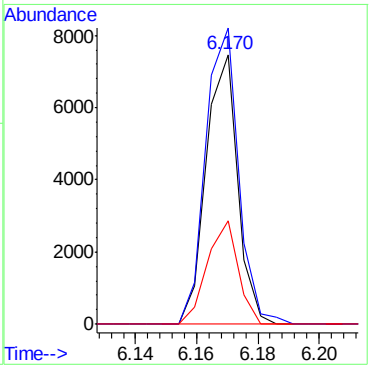


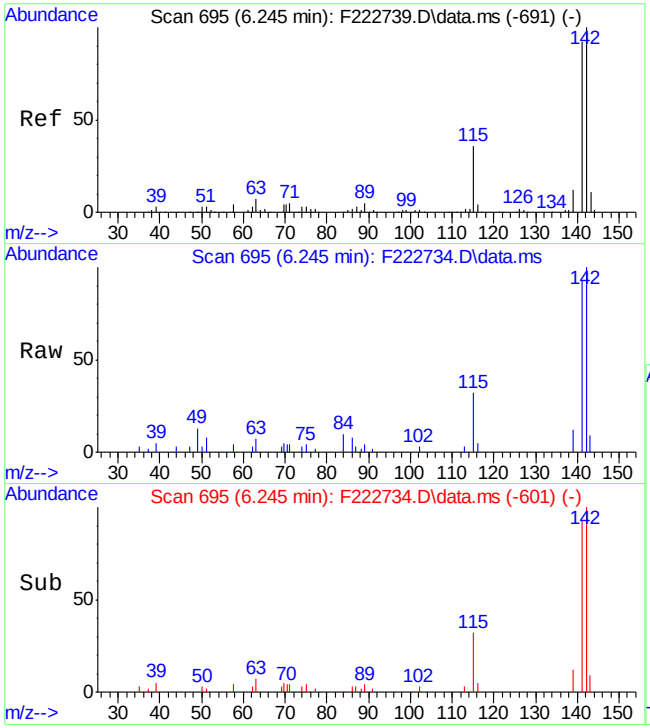


#44
2-Methylnaphthalene
Concen: 1.86 ppm
RT: 6.170 min Scan# 681
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:141 Resp: 5331

Ion	Ratio	Lower	Upper
141	100		
142	109.9	82.0	142.0
115	38.1	8.2	68.2

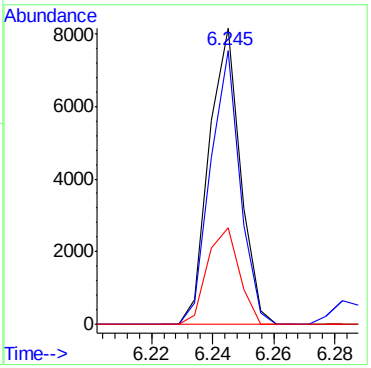


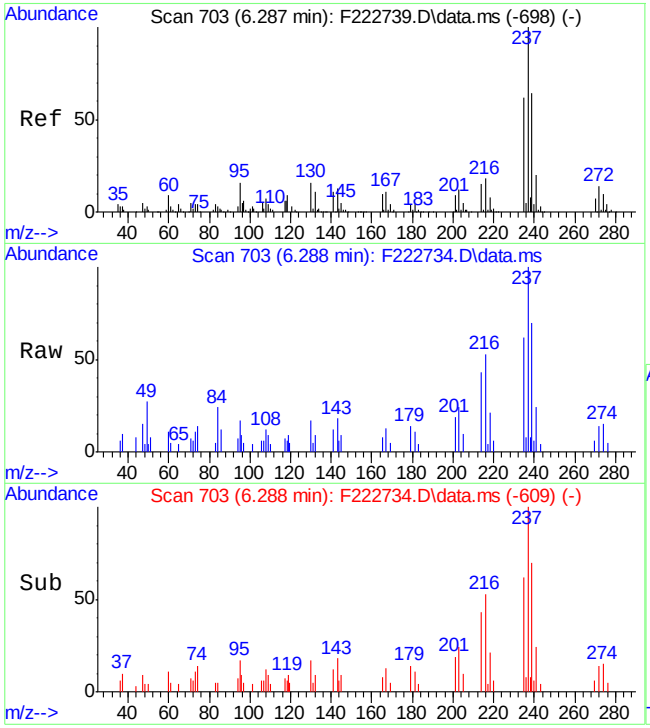


#45
1-Methylnaphthalene
Concen: 1.95 ppm
RT: 6.245 min Scan# 695
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:142 Resp: 5763

Ion	Ratio	Lower	Upper
142	100		
141	92.5	61.5	121.5
115	32.5	5.8	65.8

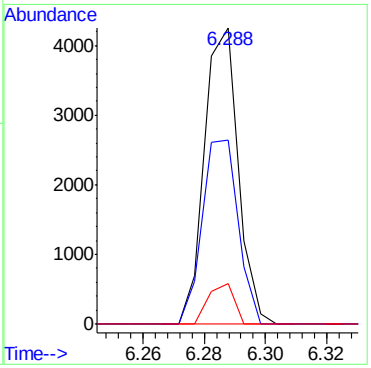


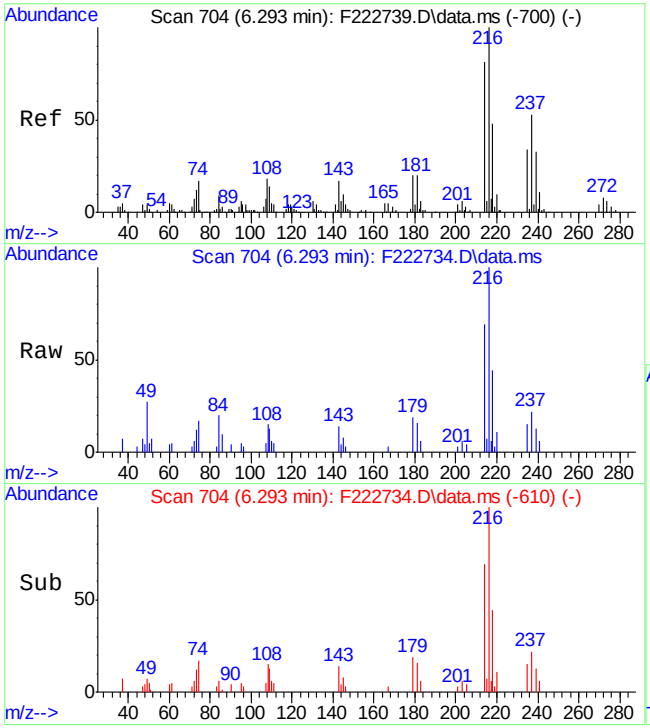


#47
Hexachlorocyclopentadiene
Concen: 2.97 ppm
RT: 6.288 min Scan# 703
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:237 Resp: 3251

Ion	Ratio	Lower	Upper
237	100		
235	62.1	32.2	92.2
272	13.6	0.0	43.6

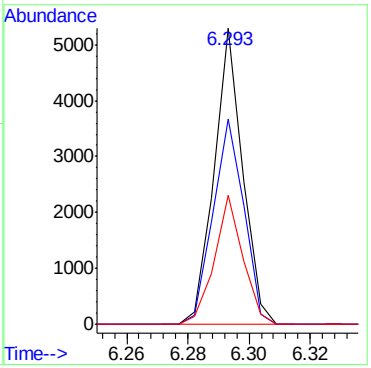


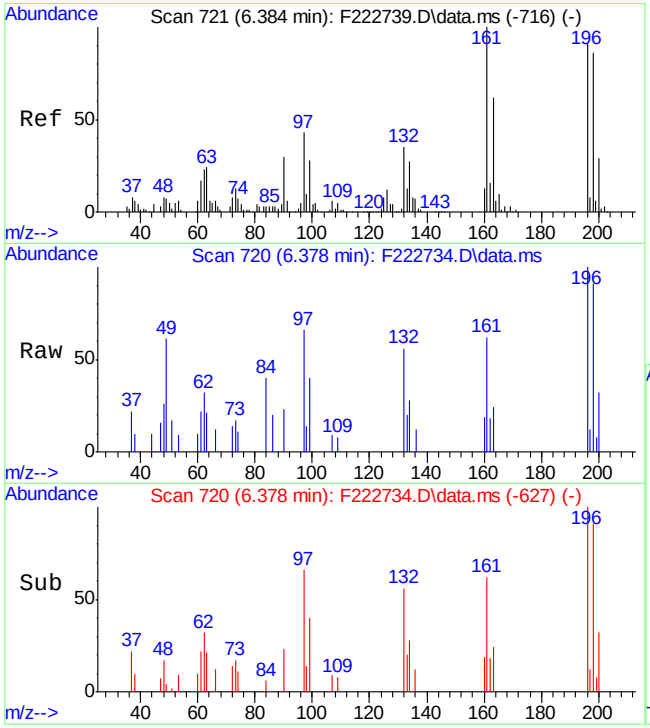


#48
1,2,4,5-tetrachlorobenzene
Concen: 1.83 ppm
RT: 6.293 min Scan# 704
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:216 Resp: 3422

Ion	Ratio	Lower	Upper
216	100		
214	74.7	55.4	103.0
218	43.8	33.4	62.0

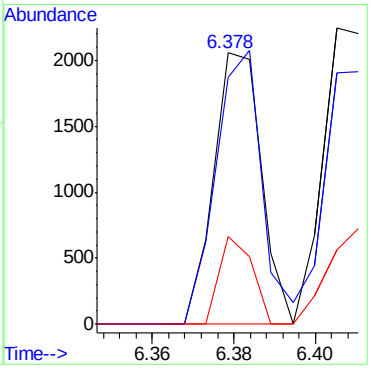


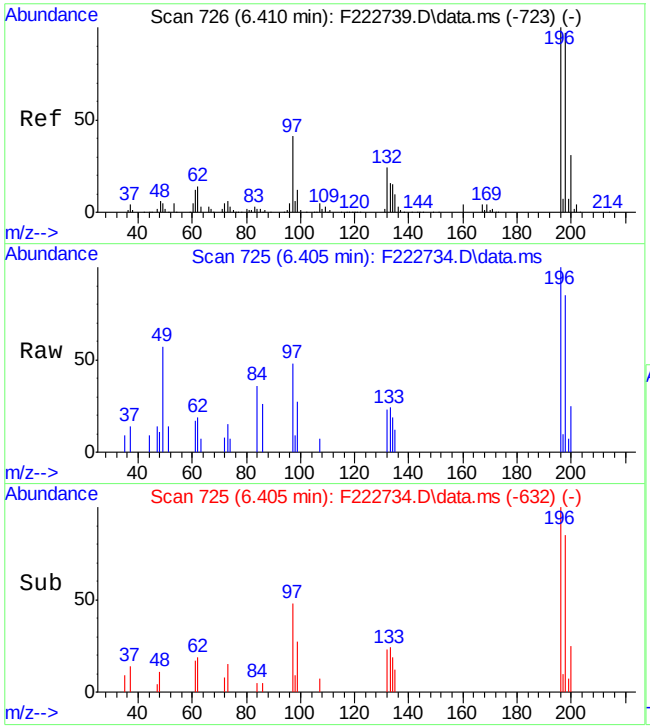


#49
2,4,6-Trichlorophenol
Concen: 1.49 ppm
RT: 6.378 min Scan# 720
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:196 Resp: 1682

Ion	Ratio	Lower	Upper
196	100		
198	87.0	64.2	124.2
200	32.1	2.2	62.2

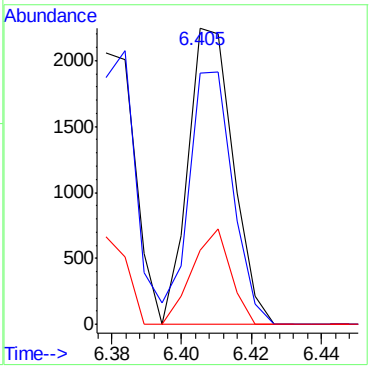


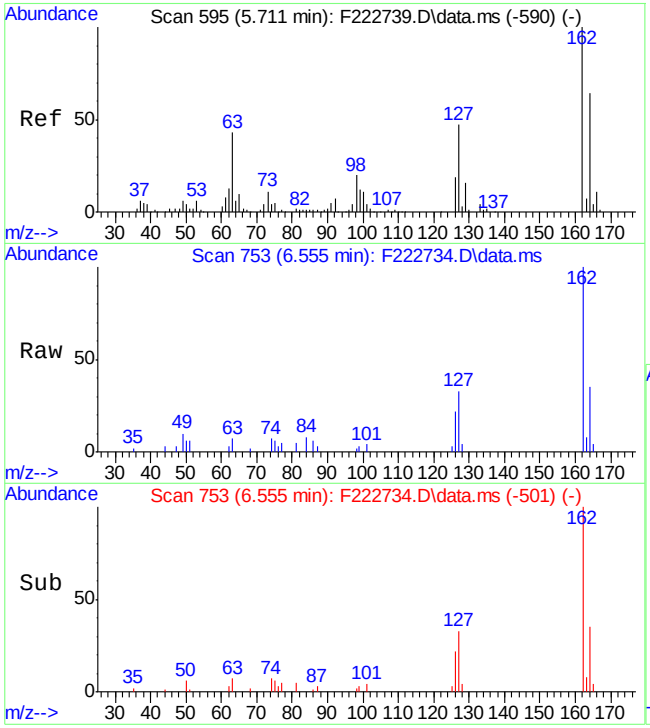


#50
2,4,5-Trichlorophenol
Concen: 1.60 ppm
RT: 6.405 min Scan# 725
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:196 Resp: 2029

Ion	Ratio	Lower	Upper
196	100		
198	81.2	67.0	127.0
200	25.0	1.2	61.2

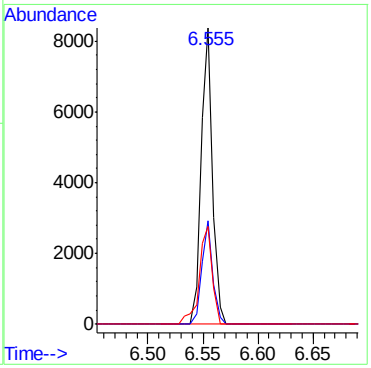


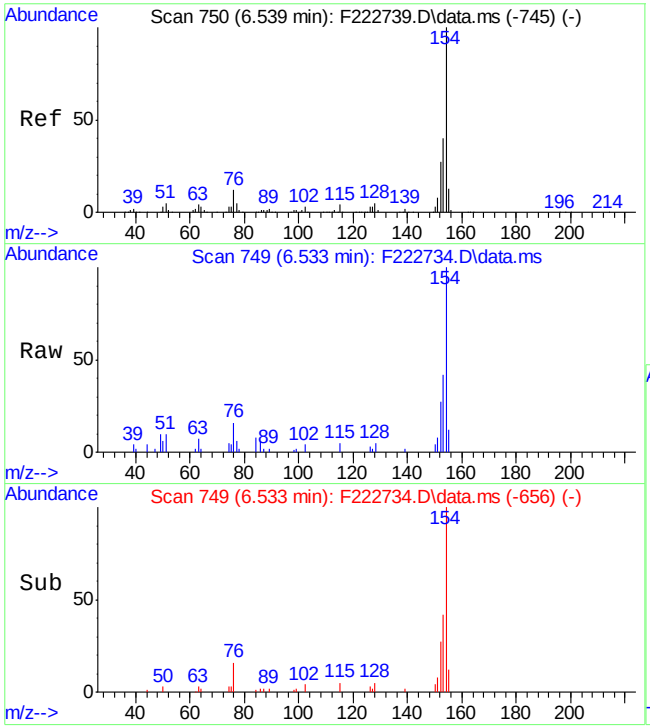


#52
2-Chloronaphthalene
Concen: 4.16 ppm m
RT: 6.555 min Scan# 753
Delta R.T. 0.844 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:162 Resp: 6007

Ion	Ratio	Lower	Upper
162	100		
164	34.8	34.3	94.3
127	33.0	16.9	76.9

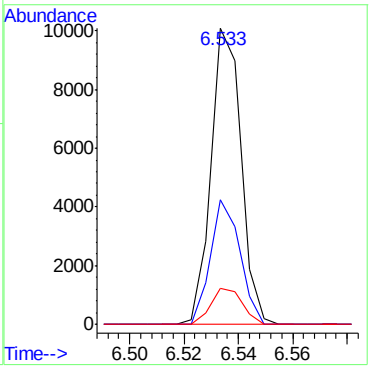


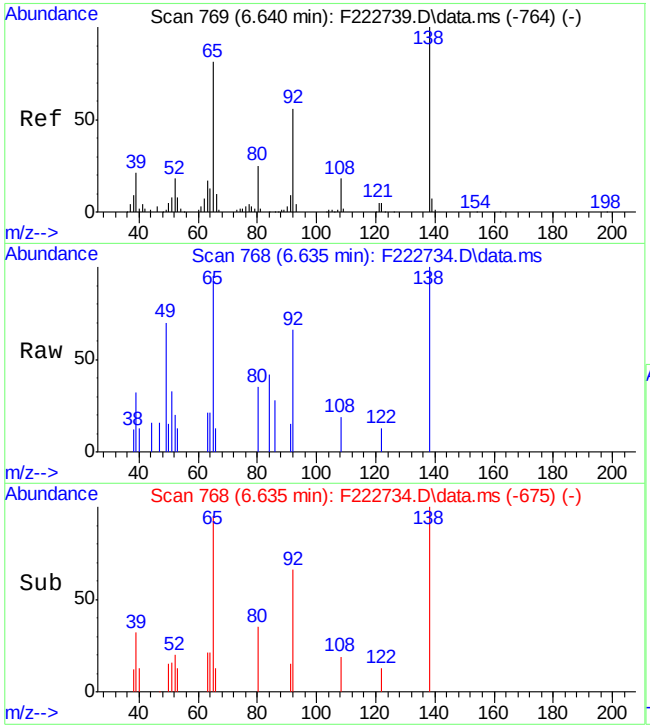


#53
Biphenyl
Concen: 1.85 ppm
RT: 6.533 min Scan# 749
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:154 Resp: 7737

Ion	Ratio	Lower	Upper
154	100		
153	42.2	9.8	69.8
155	12.3	0.0	42.7

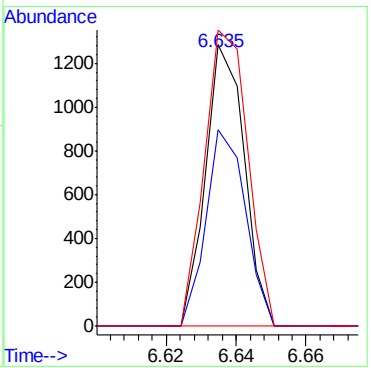


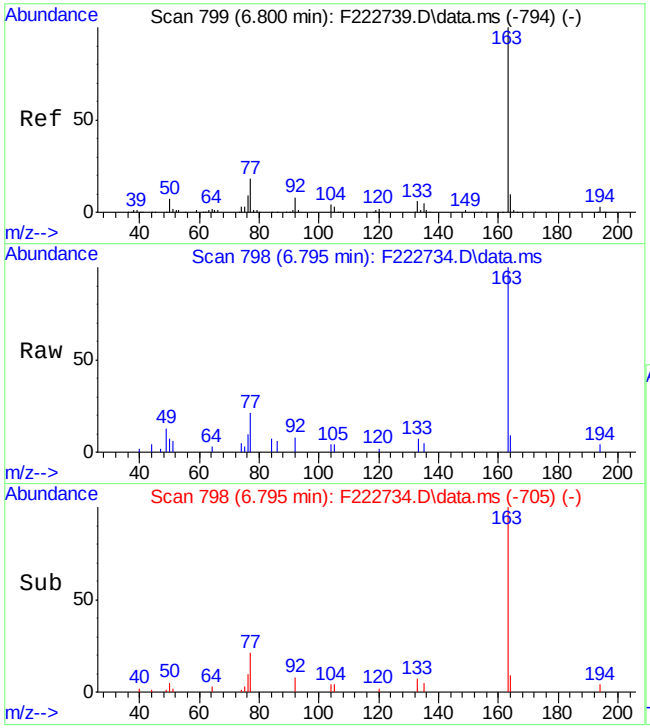


#54
2-Nitroaniline
Concen: 1.27 ppm
RT: 6.635 min Scan# 768
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 65 Resp: 989

Ion	Ratio	Lower	Upper
65	100		
92	69.7	38.6	98.6
138	105.3	93.5	153.5

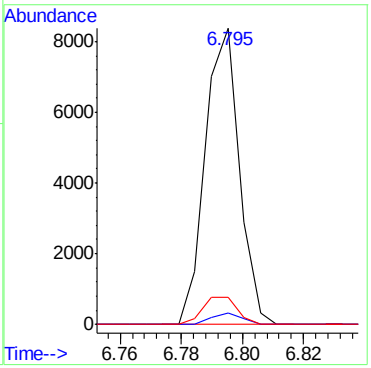


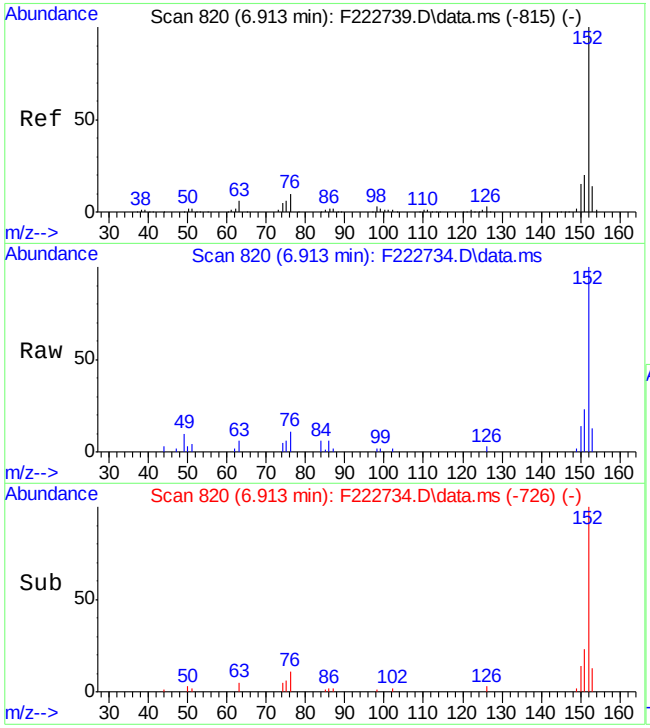


#55
Dimethylphthalate
Concen: 1.80 ppm
RT: 6.795 min Scan# 798
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:163 Resp: 6453

Ion	Ratio	Lower	Upper
163	100		
194	3.9	0.0	33.4
164	9.2	0.0	40.3

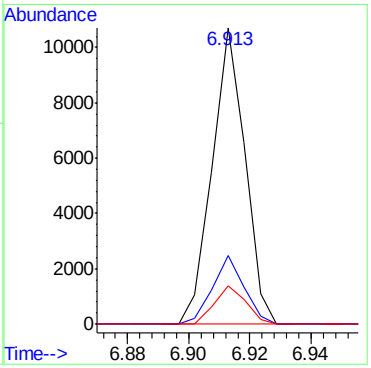


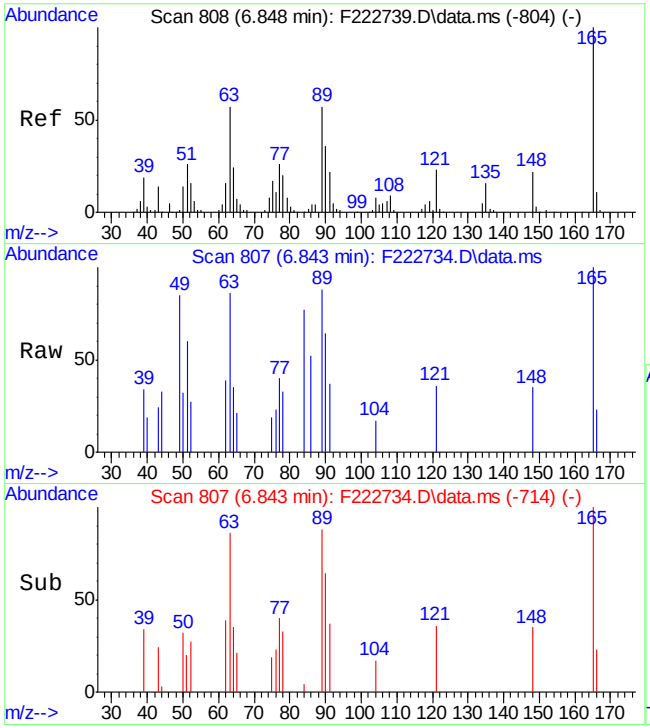


#56
Acenaphthylene
Concen: 1.73 ppm
RT: 6.913 min Scan# 820
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:152 Resp: 7971

Ion	Ratio	Lower	Upper
152	100		
151	23.1	0.0	49.9
153	12.9	0.0	43.5

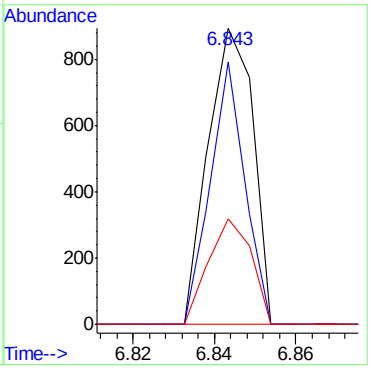


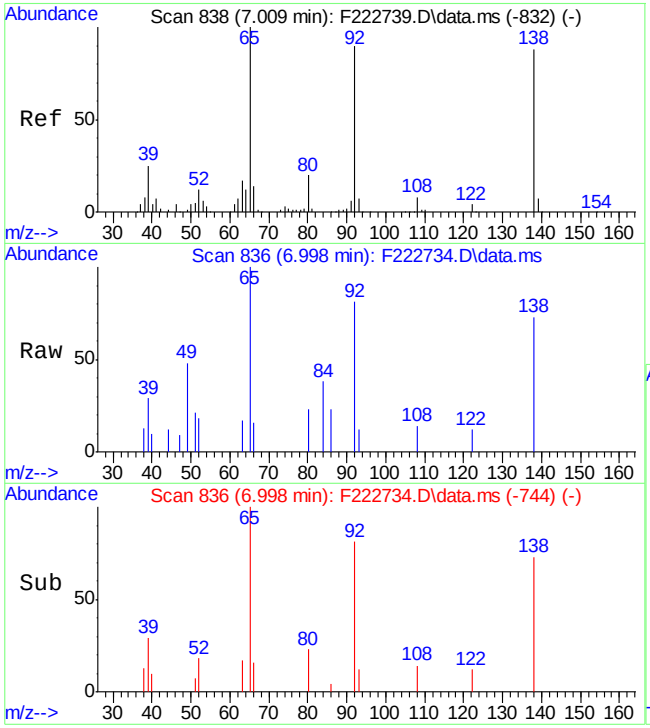


#57
2,6-Dinitrotoluene
Concen: 1.00 ppm
RT: 6.843 min Scan# 807
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:165 Resp: 687

Ion	Ratio	Lower	Upper
165	100		
89	88.5	27.1	87.1#
121	35.6	0.0	52.5

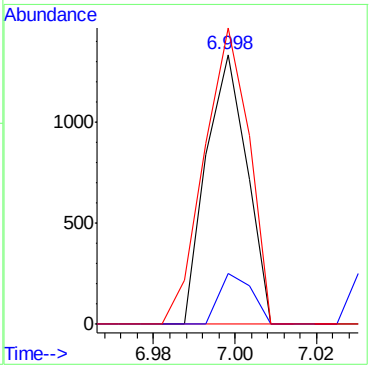


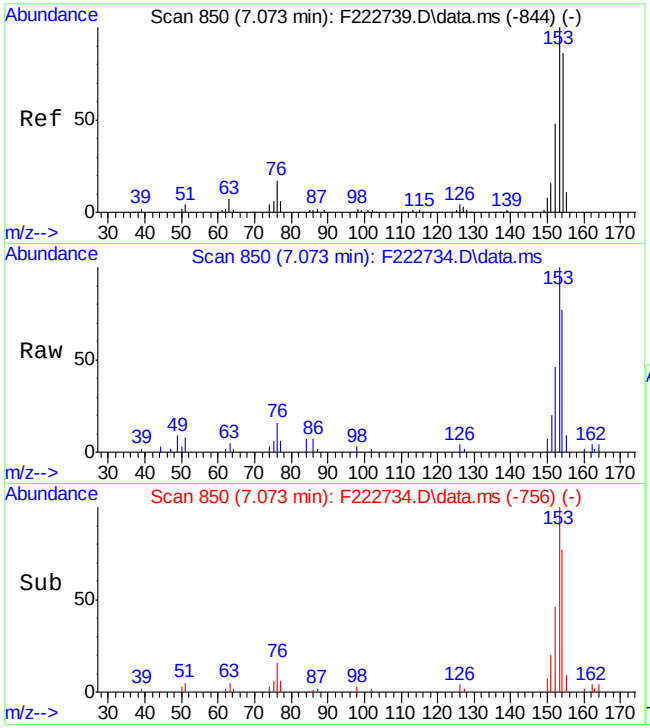


#58
3-Nitroaniline
Concen: 1.13 ppm
RT: 6.998 min Scan# 836
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:138 Resp: 925

Ion	Ratio	Lower	Upper
138	100		
108	18.8	0.0	37.0
92	110.0	72.1	132.1

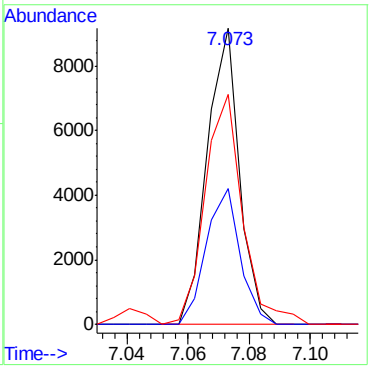


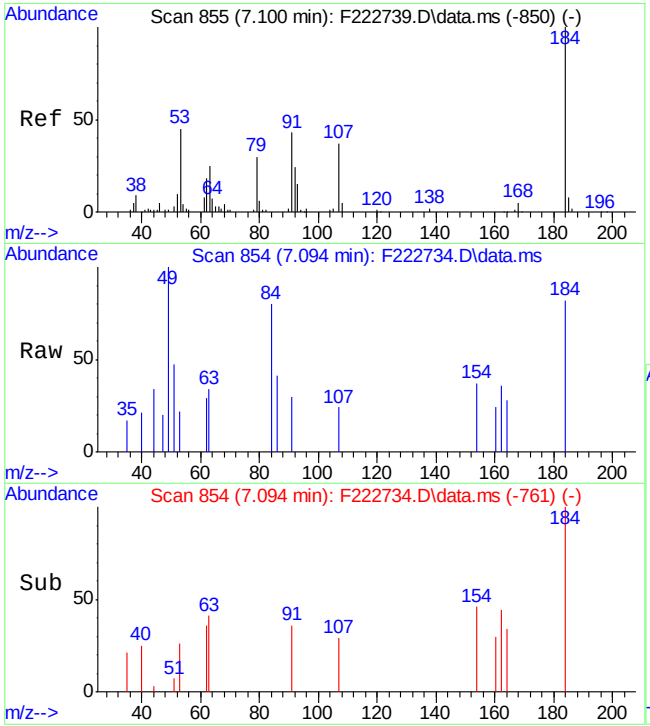


#59
Acenaphthene
Concen: 1.97 ppm
RT: 7.073 min Scan# 850
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:153 Resp: 6679

Ion	Ratio	Lower	Upper
153	100		
152	45.9	17.5	77.5
154	75.7	49.9	109.9

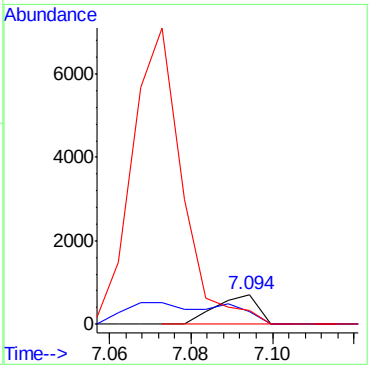


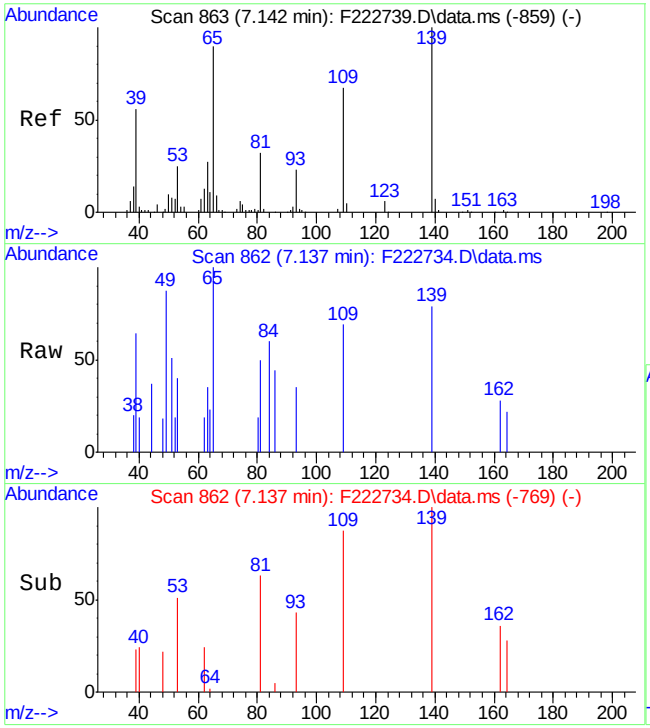


#60
2,4-Dinitrophenol
Concen: 1.38 ppm
RT: 7.094 min Scan# 854
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:184 Resp: 505

Ion	Ratio	Lower	Upper
184	100		
63	6.1	4.1	64.1
154	0.0	0.0	30.0

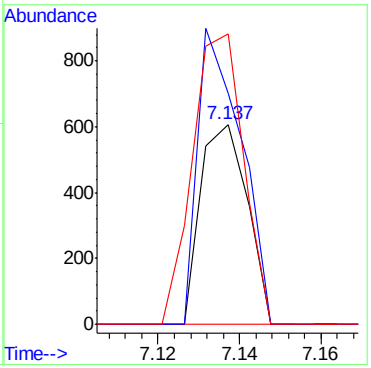


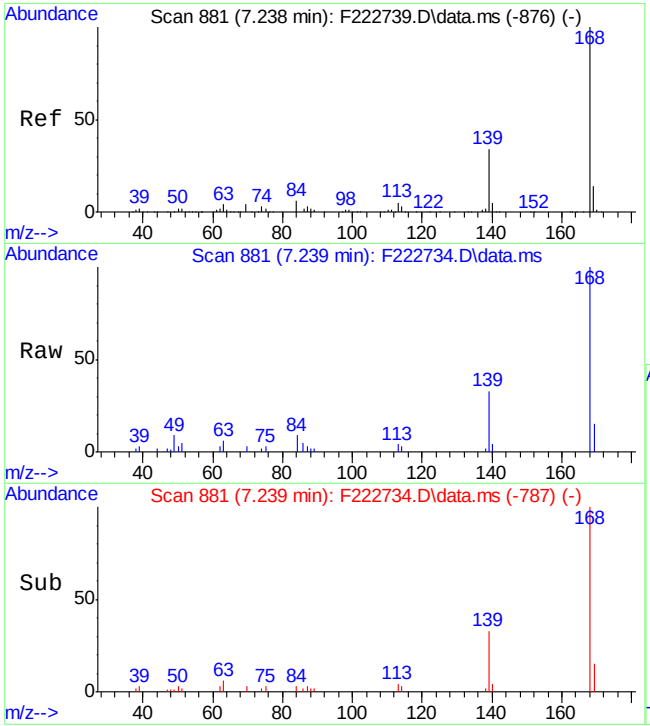


#61
4-Nitrophenol
Concen: 1.04 ppm
RT: 7.137 min Scan# 862
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:109 Resp: 483

Ion	Ratio	Lower	Upper
109	100		
139	115.3	119.2	179.2#
65	145.1	104.1	164.1

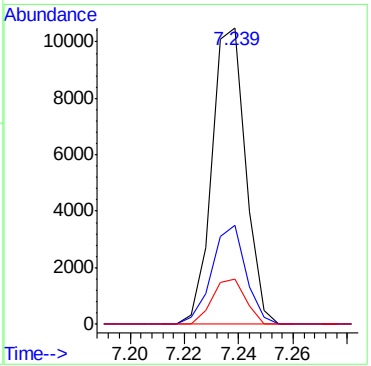


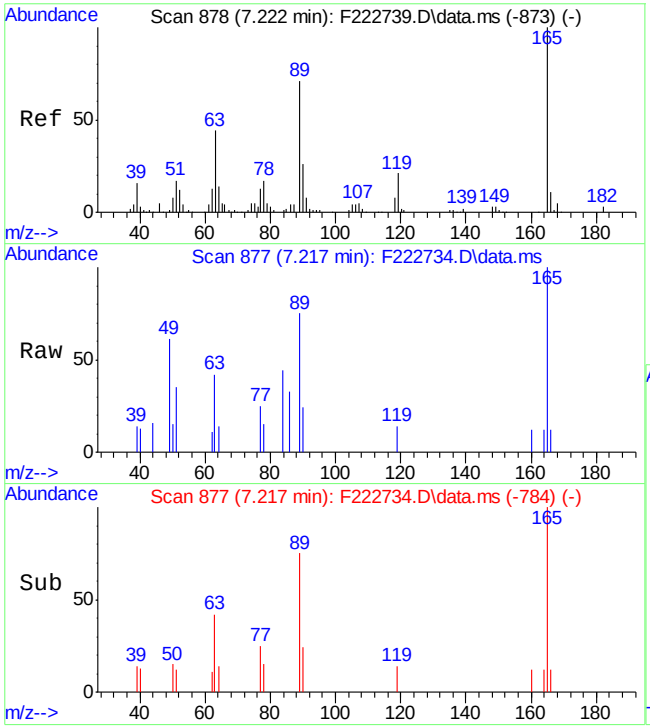


#62
Dibenzofuran
Concen: 1.87 ppm
RT: 7.239 min Scan# 881
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:168 Resp: 8999

Ion	Ratio	Lower	Upper
168	100		
139	33.4	4.3	64.3
169	15.2	0.0	43.5

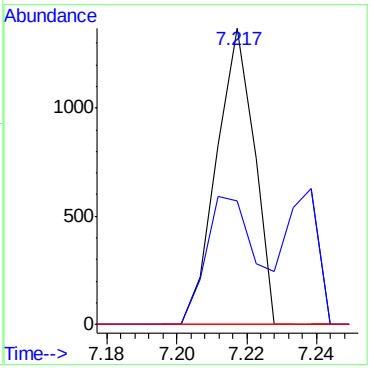


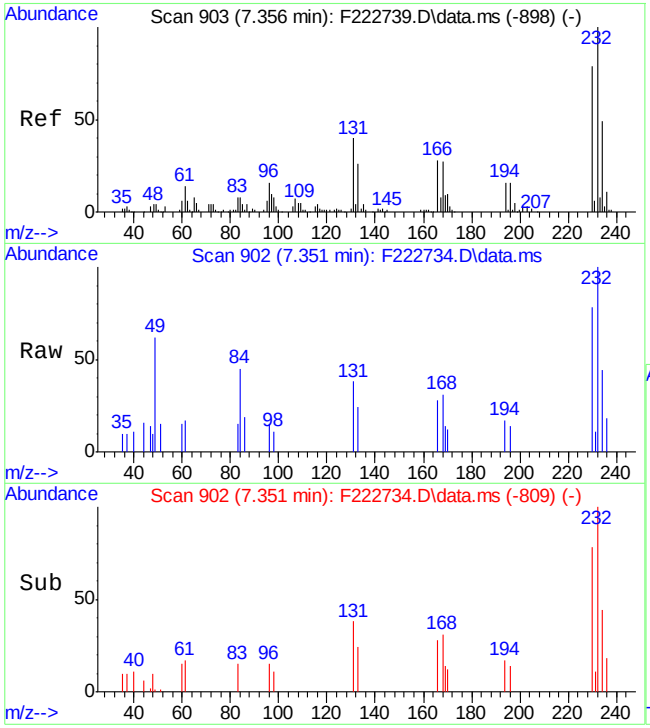


#63
2,4-Dinitrotoluene
Concen: 1.05 ppm
RT: 7.217 min Scan# 877
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:165 Resp: 1021

Ion	Ratio	Lower	Upper
165	100		
63	22.0	13.5	73.5
182	0.0	0.0	33.0

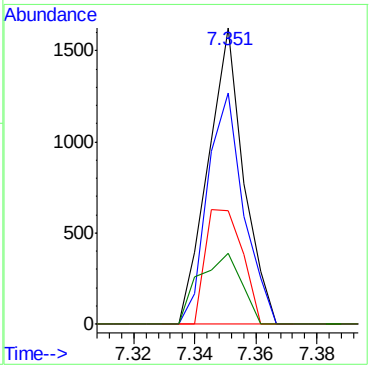


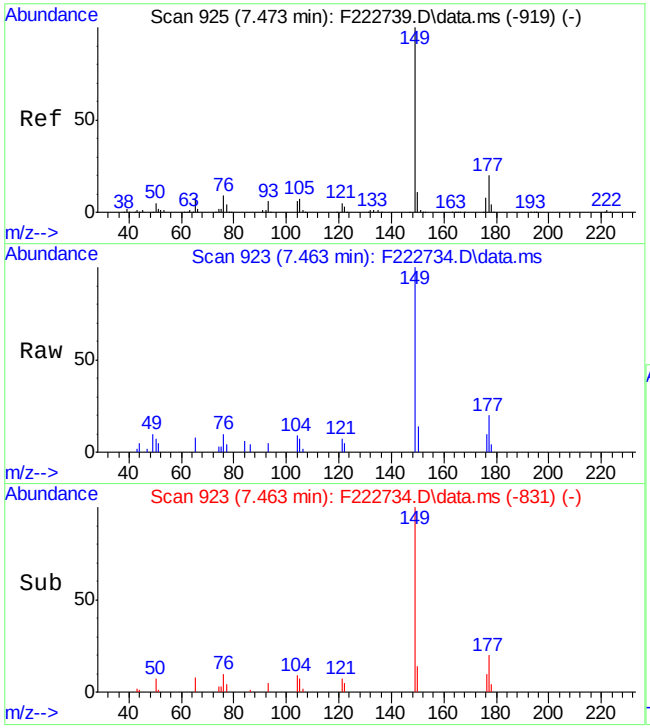


#64
2,3,4,6-Tetrachlorophenol
Concen: 1.35 ppm
RT: 7.351 min Scan# 902
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:232 Resp: 1310

Ion	Ratio	Lower	Upper
232	100		
230	77.9	49.1	109.1
131	38.4	9.6	69.6
133	24.0	0.0	55.9

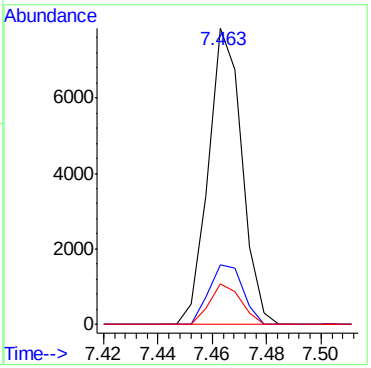


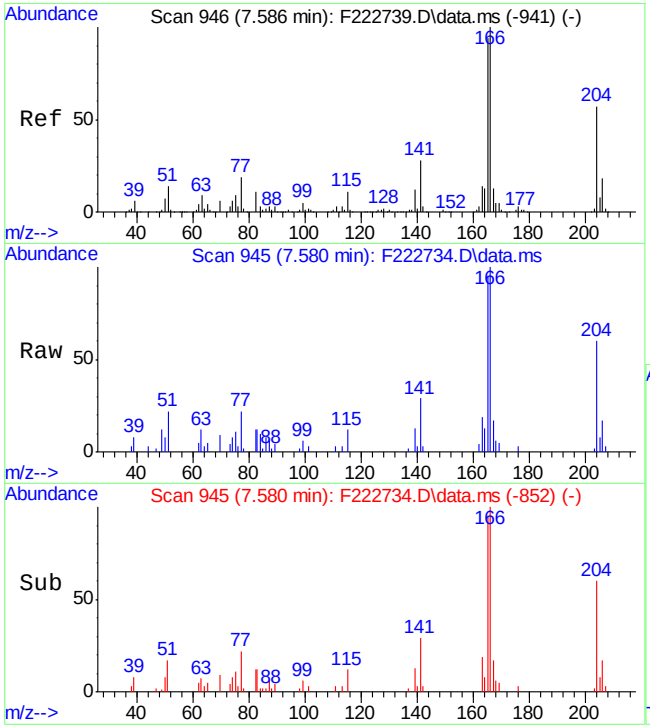


#65
Diethylphthalate
Concen: 1.77 ppm
RT: 7.463 min Scan# 923
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:149 Resp: 6689

Ion	Ratio	Lower	Upper
149	100		
177	20.1	0.0	50.0
150	13.6	0.0	41.3

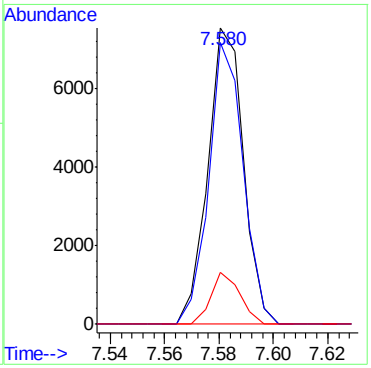


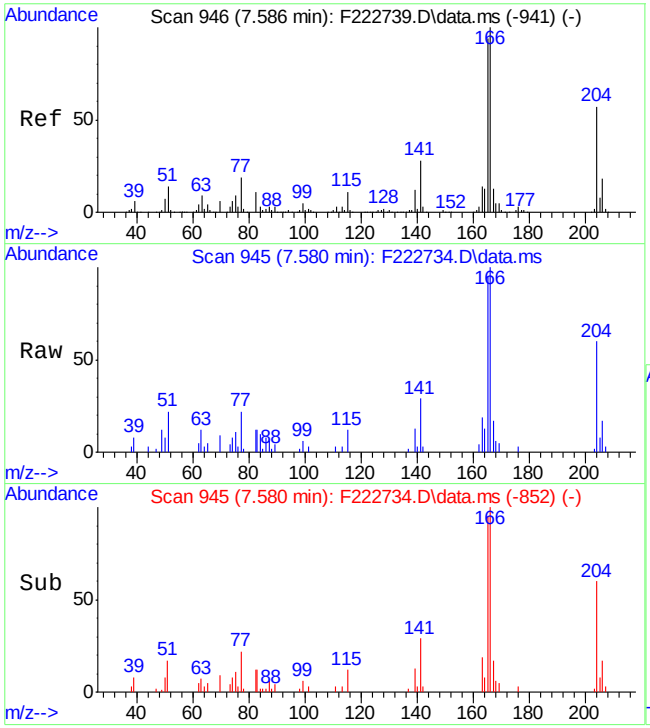


#66
Fluorene
Concen: 1.79 ppm
RT: 7.580 min Scan# 945
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:166 Resp: 6831

Ion	Ratio	Lower	Upper
166	100		
165	95.1	63.9	123.9
167	17.4	0.0	43.3

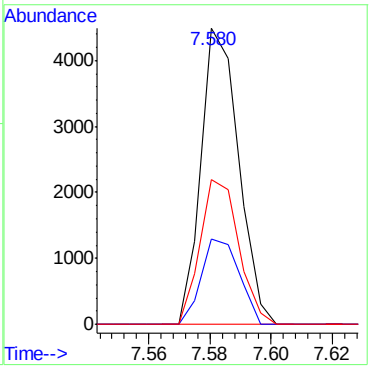


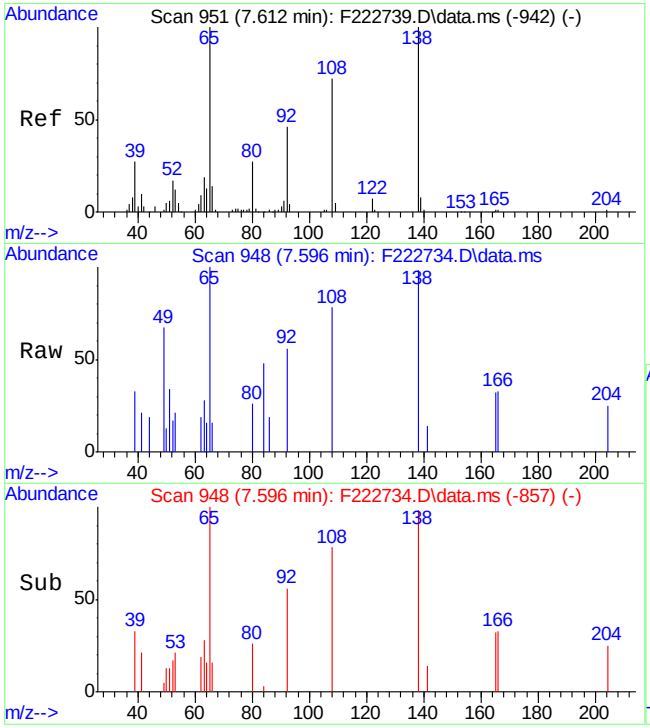


#67
4-Chlorophenyl-phenylether
Concen: 1.90 ppm
RT: 7.580 min Scan# 945
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:204 Resp: 3809

Ion	Ratio	Lower	Upper
204	100		
206	29.0	1.1	61.1
141	48.8	19.4	79.4

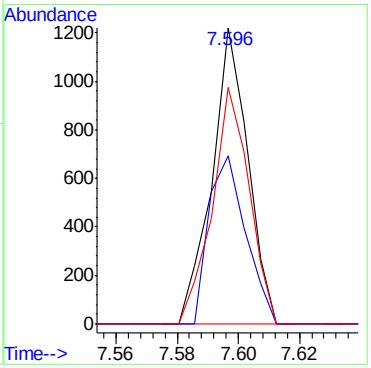


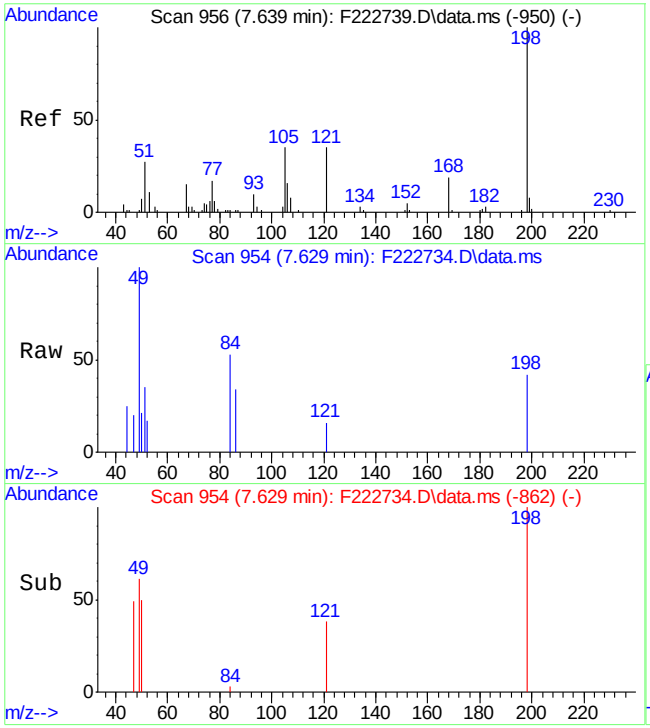


#68
4-Nitroaniline
Concen: 1.12 ppm
RT: 7.596 min Scan# 948
Delta R.T. -0.016 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:138 Resp: 997

Ion	Ratio	Lower	Upper
138	100		
92	56.7	15.6	75.6
108	79.8	42.0	102.0

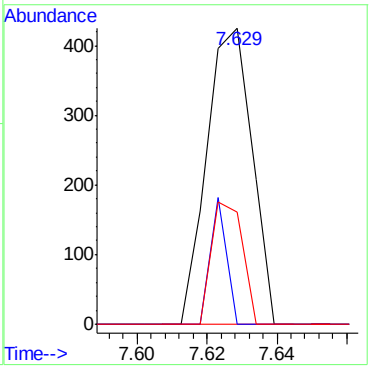


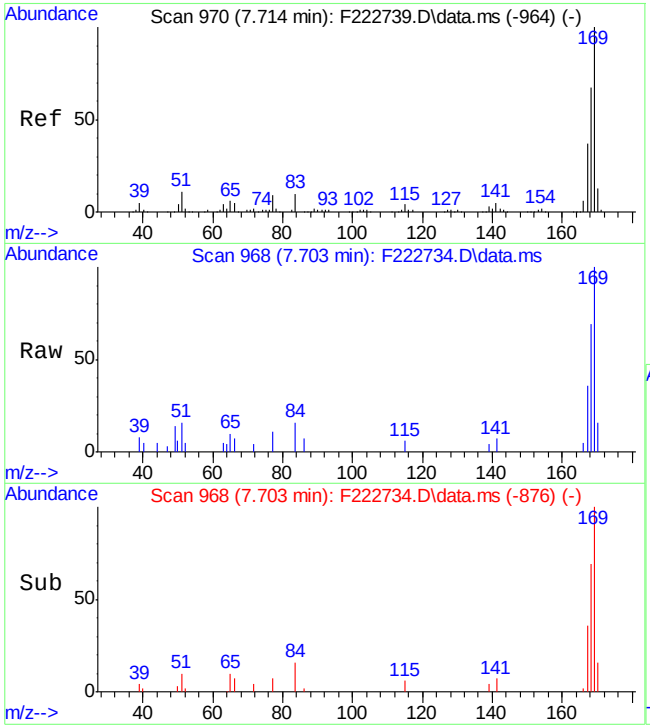


#70
4,6-Dinitro-2-methylphenol
Concen: 0.87 ppm
RT: 7.629 min Scan# 954
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:198 Resp: 382

Ion	Ratio	Lower	Upper
198	100		
105	0.0	5.1	65.1#
121	37.9	4.9	64.9

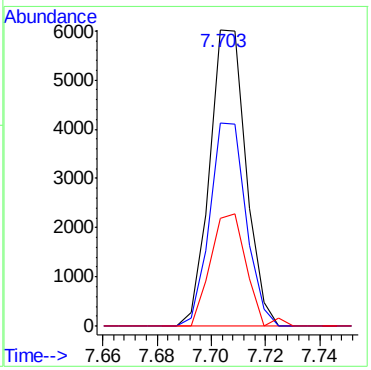


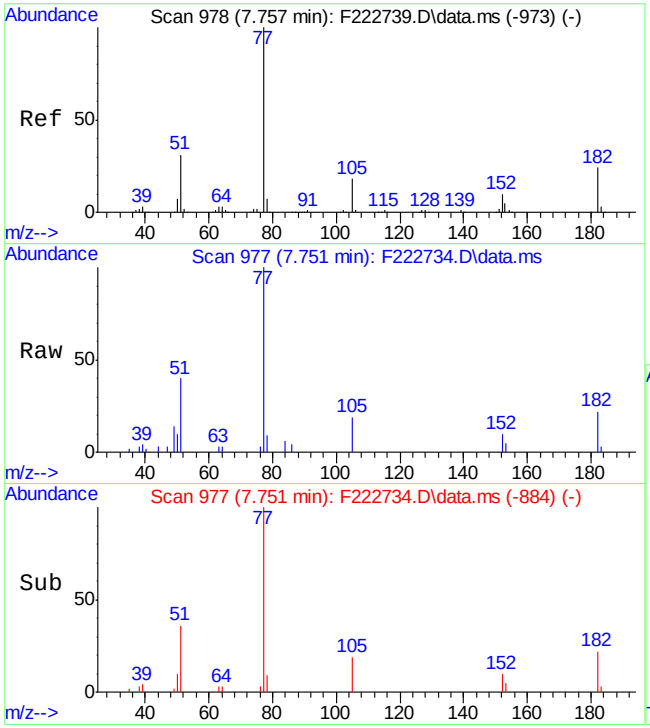


#71
n-Nitrosodiphenylamine
Concen: 1.82 ppm
RT: 7.703 min Scan# 968
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:169 Resp: 5588

Ion	Ratio	Lower	Upper
169	100		
168	68.6	36.8	96.8
167	36.2	6.9	66.9

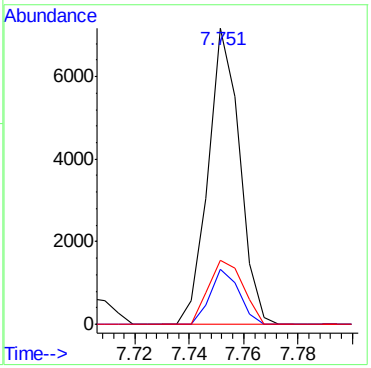


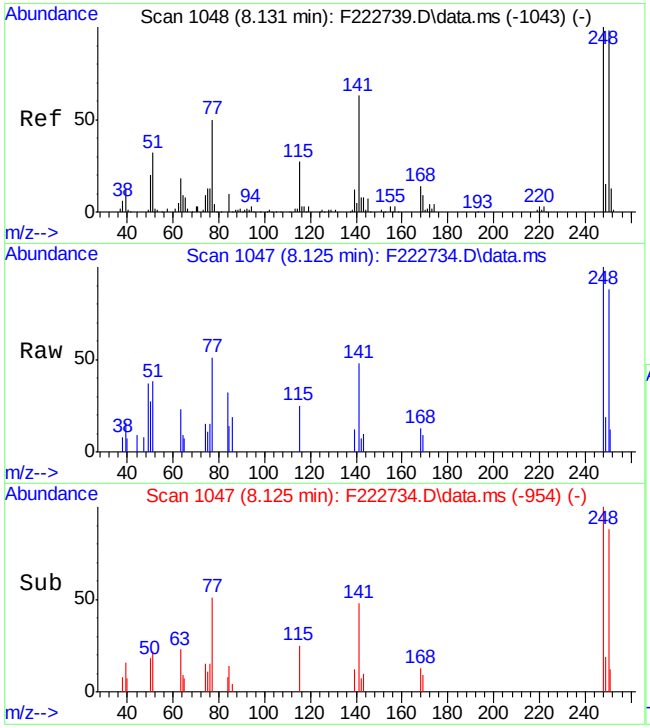


#72
1,2-Diphenylhydrazine
Concen: 1.83 ppm
RT: 7.751 min Scan# 977
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 77 Resp: 5754

Ion	Ratio	Lower	Upper
77	100		
105	18.6	0.0	48.0
182	21.7	0.0	54.0

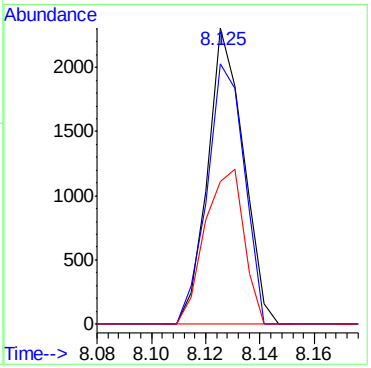


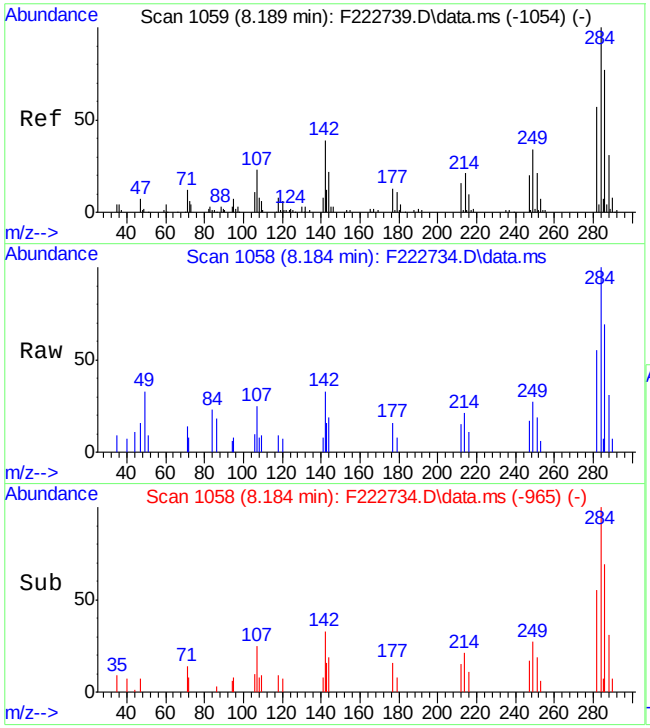


#74
4-Bromophenyl-phenylether
Concen: 1.93 ppm
RT: 8.125 min Scan# 1047
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:248 Resp: 2107

Ion	Ratio	Lower	Upper
248	100		
250	88.0	68.5	128.5
141	48.2	33.3	93.3

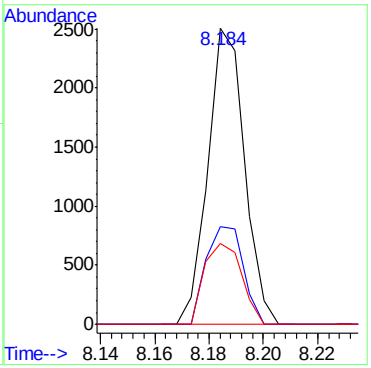


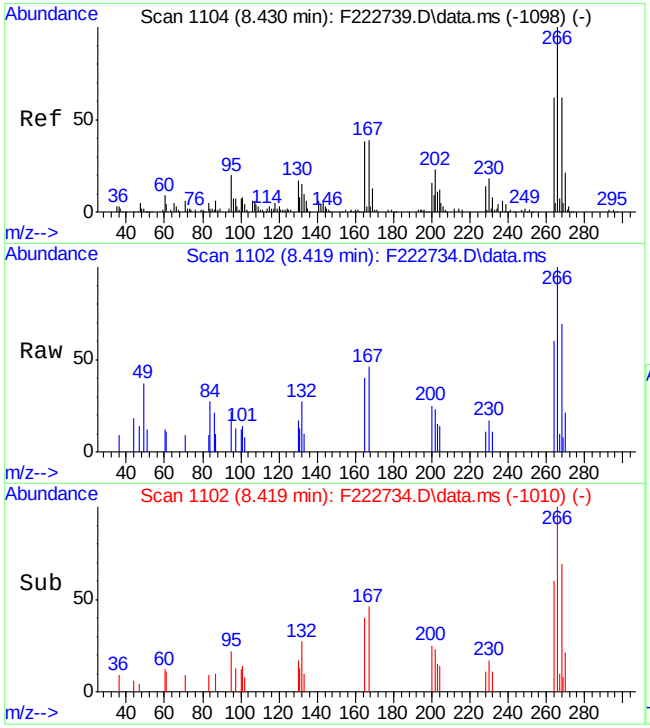


#75
Hexachlorobenzene
Concen: 2.01 ppm
RT: 8.184 min Scan# 1058
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:284 Resp: 2337

Ion	Ratio	Lower	Upper
284	100		
142	32.8	8.8	68.8
249	27.3	4.3	64.3

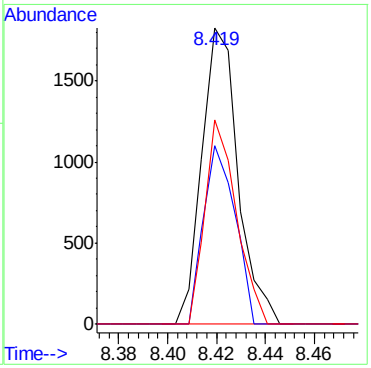


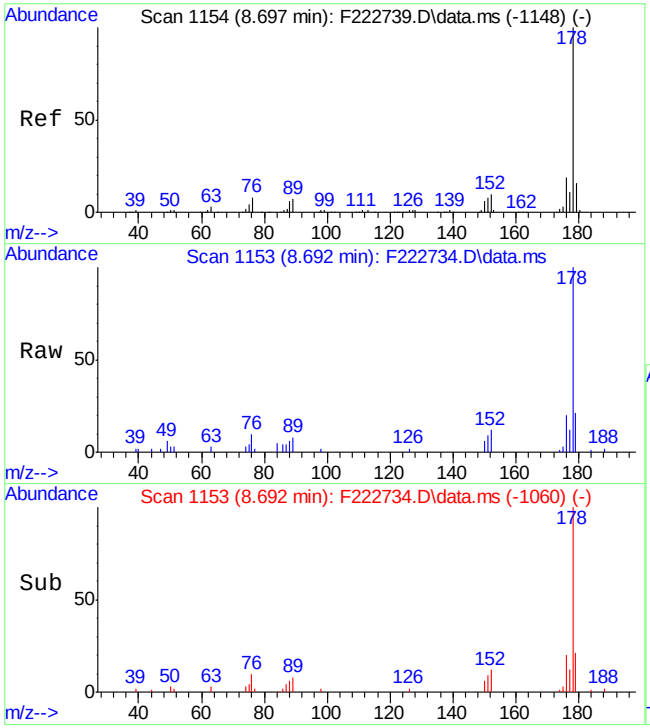


#76
Pentachlorophenol
Concen: 2.41 ppm
RT: 8.419 min Scan# 1102
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:266 Resp: 1883

Ion	Ratio	Lower	Upper
266	100		
264	60.4	31.7	91.7
268	69.0	32.1	92.1

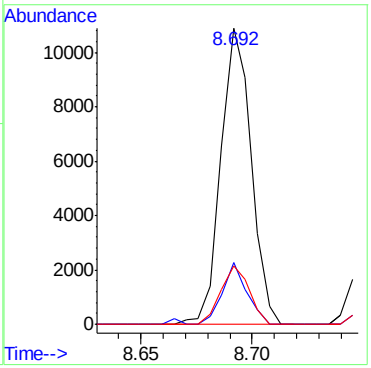


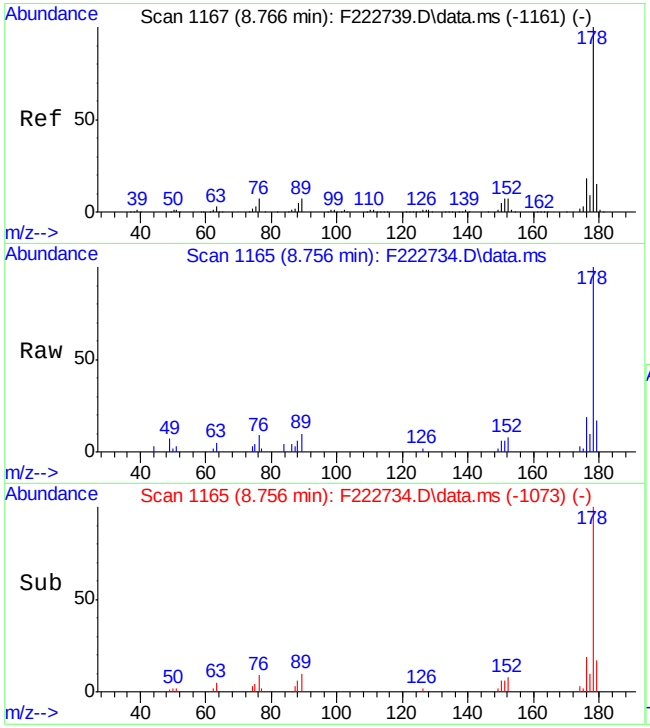


#77
Phenanthrene
Concen: 1.97 ppm
RT: 8.692 min Scan# 1153
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:178 Resp: 10375

Ion	Ratio	Lower	Upper
178	100		
179	21.0	0.0	45.6
176	19.6	0.0	49.0

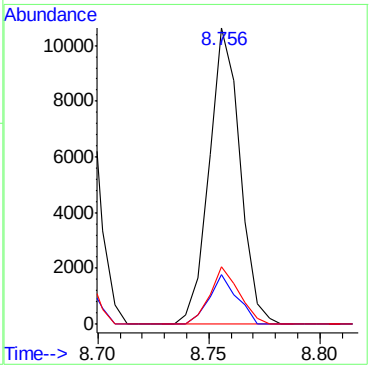


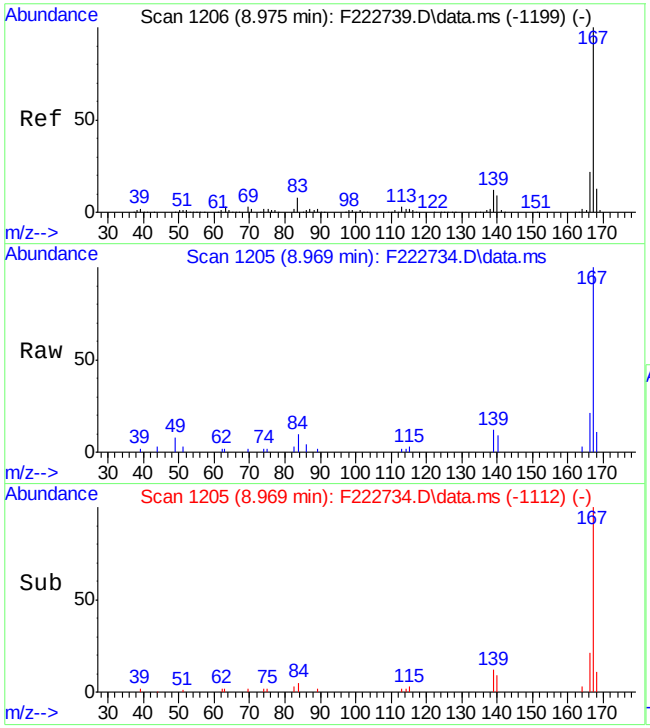


#78
Anthracene
Concen: 1.91 ppm
RT: 8.756 min Scan# 1165
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:178 Resp: 10268

Ion	Ratio	Lower	Upper
178	100		
179	16.8	0.0	45.1
176	19.3	0.0	48.4

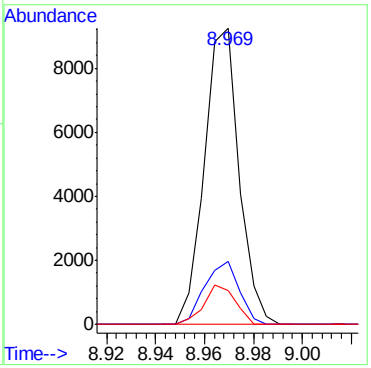


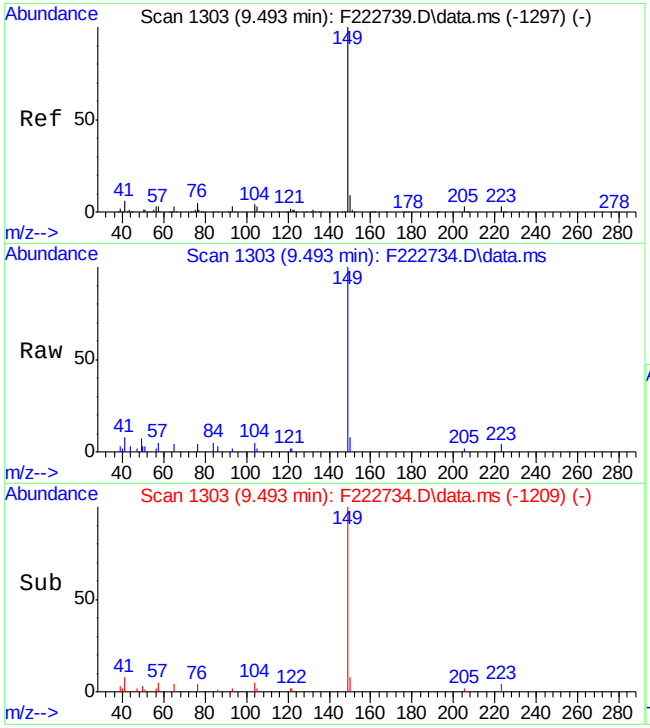


#79
Carbazole
Concen: 1.81 ppm
RT: 8.969 min Scan# 1205
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:167 Resp: 9125

Ion	Ratio	Lower	Upper
167	100		
166	21.2	0.0	51.7
139	11.5	0.0	41.9

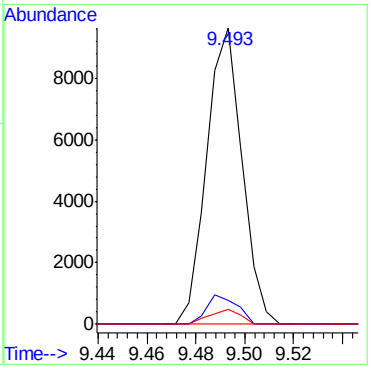


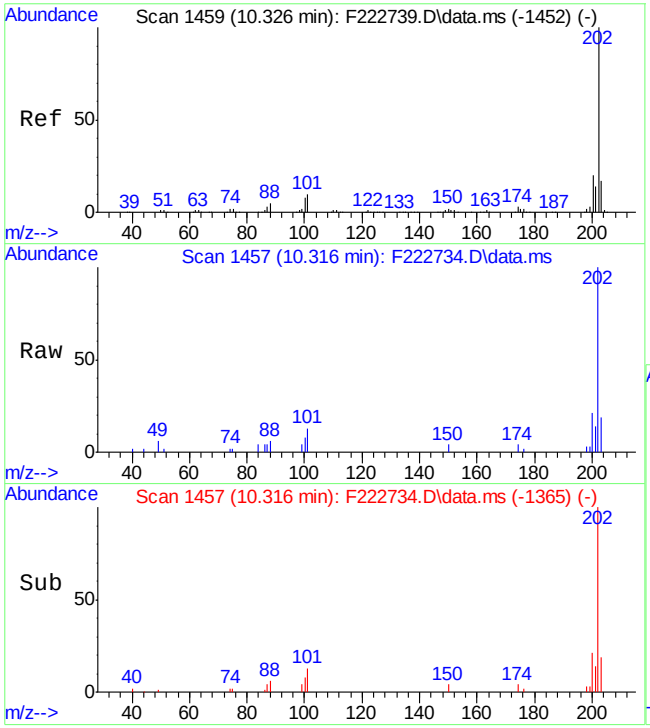


#80
Di-n-butylphthalate
Concen: 1.59 ppm
RT: 9.493 min Scan# 1303
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:149 Resp: 9717

Ion	Ratio	Lower	Upper
149	100		
150	7.8	0.0	39.1
104	5.2	0.0	34.4

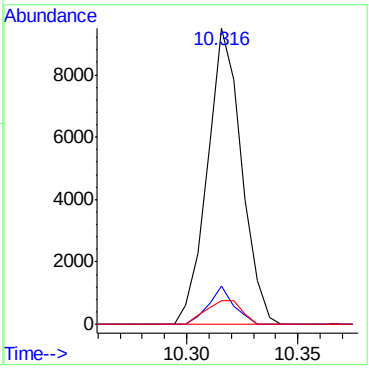


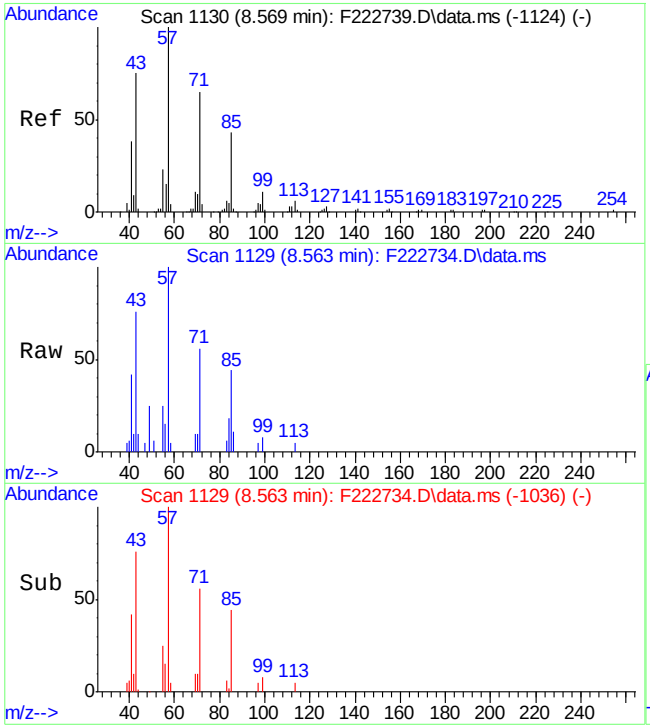


#81
Fluoranthene
Concen: 1.66 ppm
RT: 10.316 min Scan# 1457
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:202 Resp: 10165

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	39.8
100	8.1	0.0	37.7

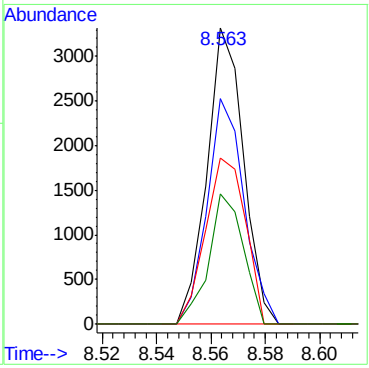


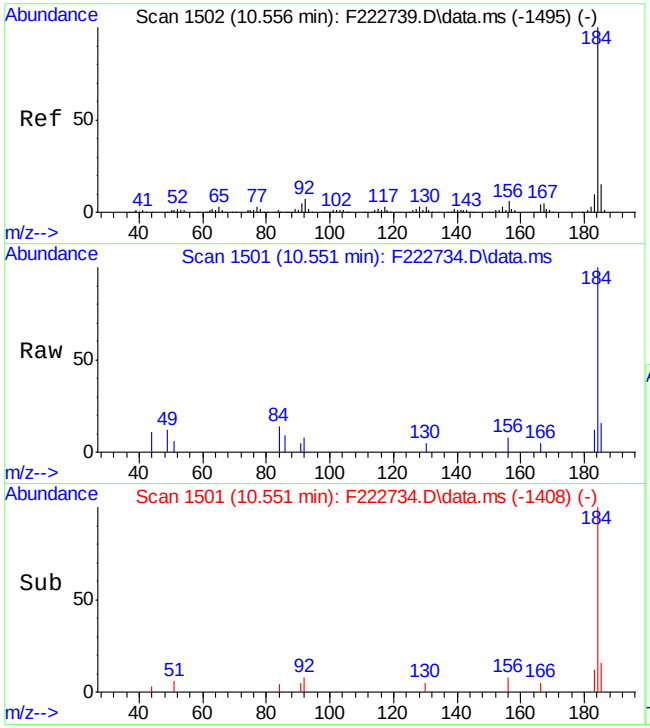


#82
Octadecane
Concen: 1.61 ppm
RT: 8.563 min Scan# 1129
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion: 57 Resp: 3094

Ion	Ratio	Lower	Upper
57	100		
43	76.2	44.5	104.5
71	56.0	35.4	95.4
85	44.0	12.7	72.7

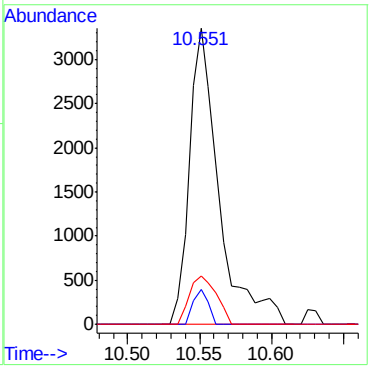


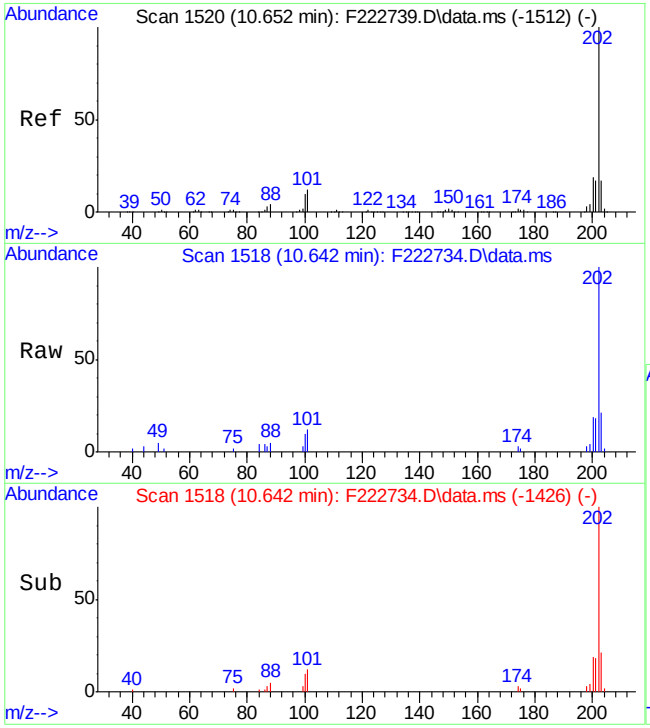


#84
Benzidine
Concen: 1.51 ppm
RT: 10.551 min Scan# 1501
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:184 Resp: 4819

Ion	Ratio	Lower	Upper
184	100		
183	11.7	0.0	60.5
185	16.3	0.0	65.2

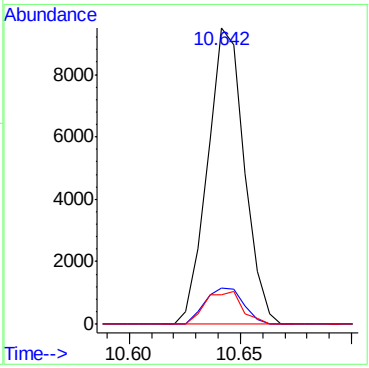


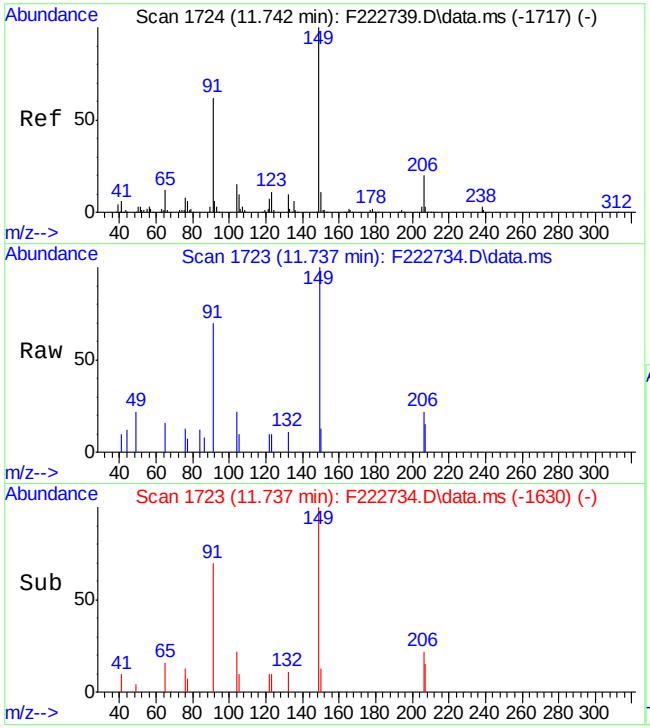


#85
Pyrene
Concen: 1.81 ppm
RT: 10.642 min Scan# 1518
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:202 Resp: 10909

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	41.9
100	9.8	0.0	39.8

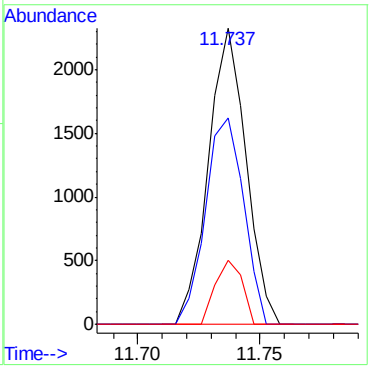


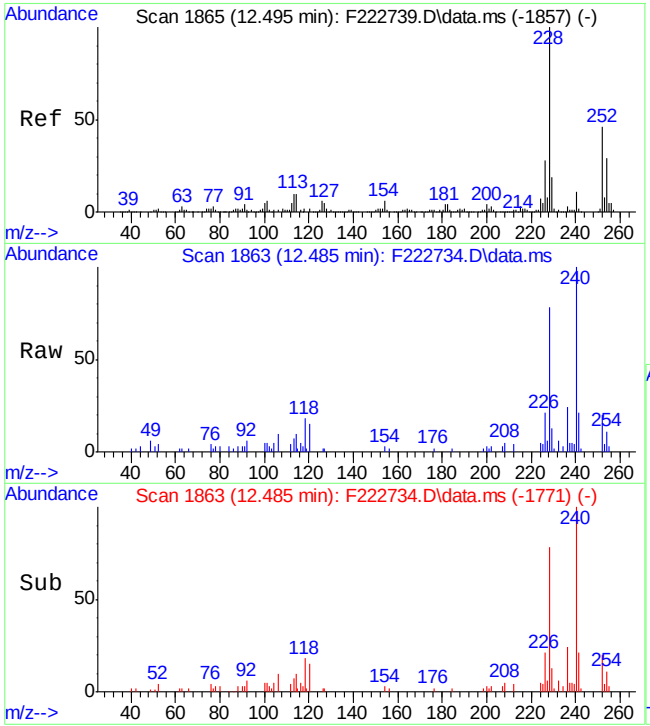


#87
Butylbenzylphthalate
Concen: 1.09 ppm
RT: 11.737 min Scan# 1723
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:149 Resp: 2498

Ion	Ratio	Lower	Upper
149	100		
91	69.5	31.6	91.6
206	21.5	0.0	49.8

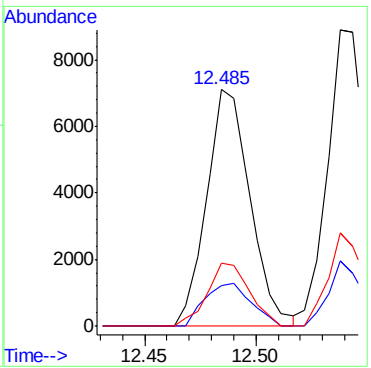


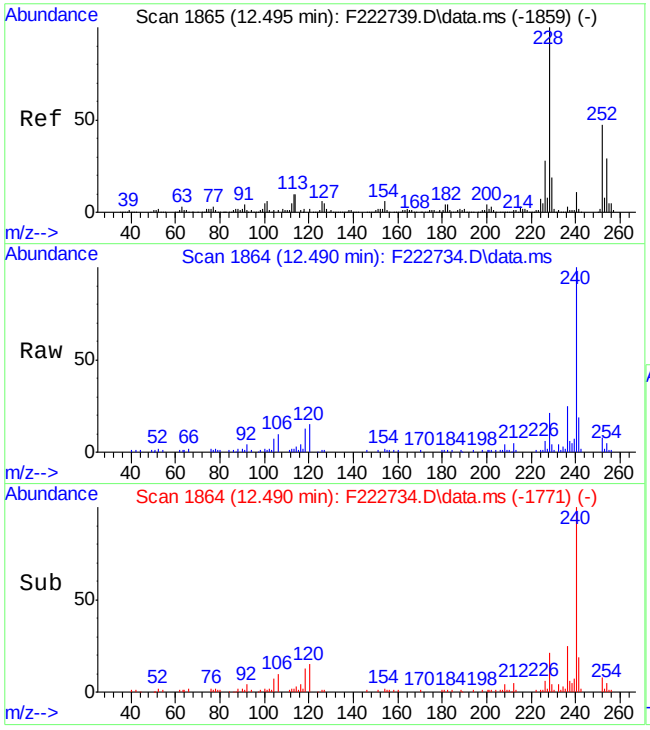


#88
Benzo[a]anthracene
Concen: 1.73 ppm
RT: 12.485 min Scan# 1863
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:228 Resp: 9696

Ion	Ratio	Lower	Upper
228	100		
229	17.5	0.0	49.1
226	27.2	0.0	57.6

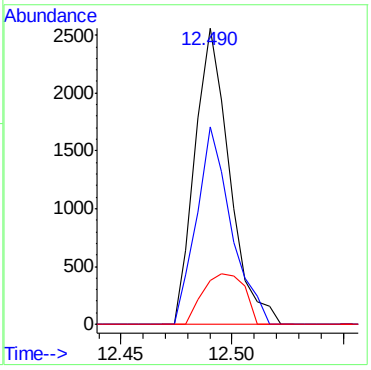


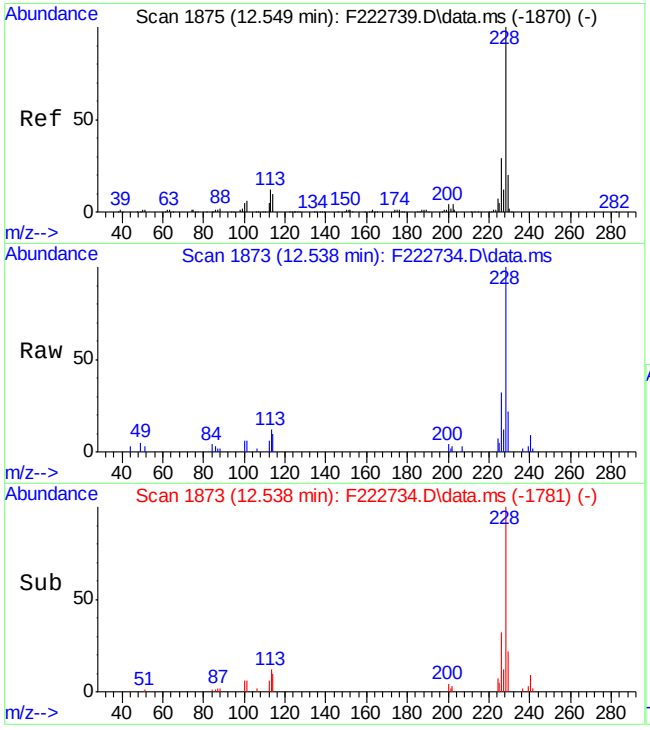


#89
3,3'-Dichlorobenzidine
Concen: 1.24 ppm
RT: 12.490 min Scan# 1864
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:252 Resp: 2773

Ion	Ratio	Lower	Upper
252	100		
254	66.6	32.3	92.3
126	15.0	0.0	42.5

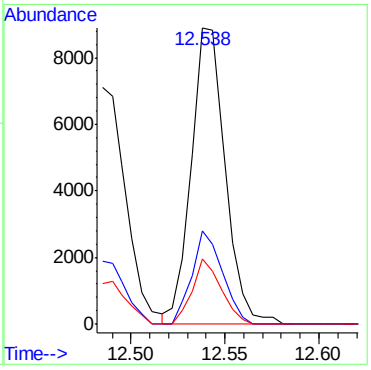


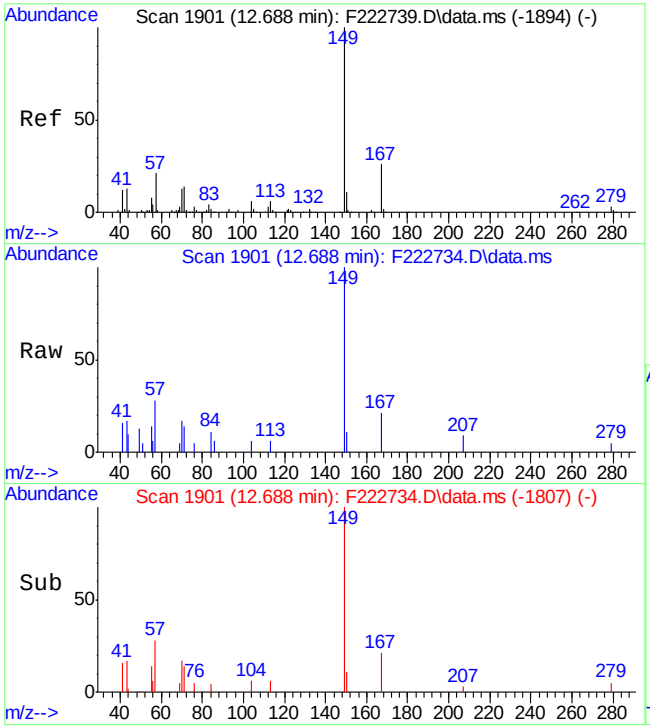


#90
Chrysene
Concen: 1.96 ppm
RT: 12.538 min Scan# 1873
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:228 Resp: 11143

Ion	Ratio	Lower	Upper
228	100		
226	32.1	0.0	58.9
229	22.3	0.0	49.6

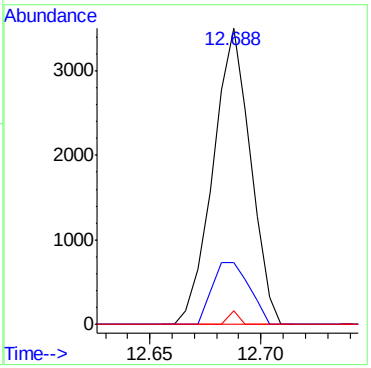


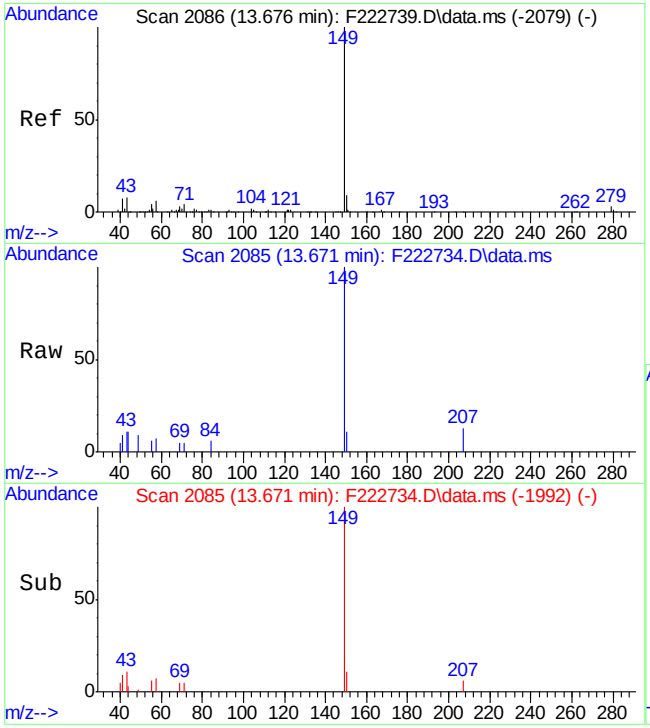


#91
bis(2-Ethylhexyl)phthalate
Concen: 1.12 ppm
RT: 12.688 min Scan# 1901
Delta R.T. 0.000 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:149 Resp: 4101

Ion	Ratio	Lower	Upper
149	100		
167	20.9	0.0	55.6
279	4.6	0.0	33.2

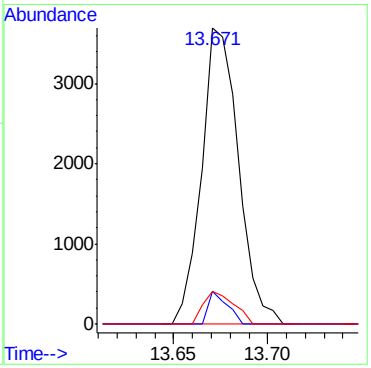


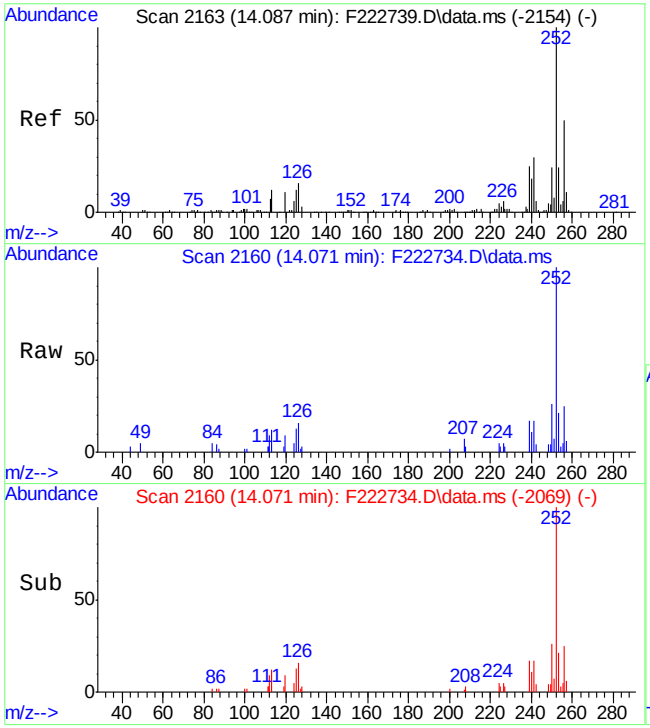


#93
Di-n-octylphthalate
Concen: 0.82 ppm
RT: 13.671 min Scan# 2085
Delta R.T. -0.005 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:149 Resp: 5019

Ion	Ratio	Lower	Upper
149	100		
150	11.0	0.0	39.4
43	10.9	0.0	38.5

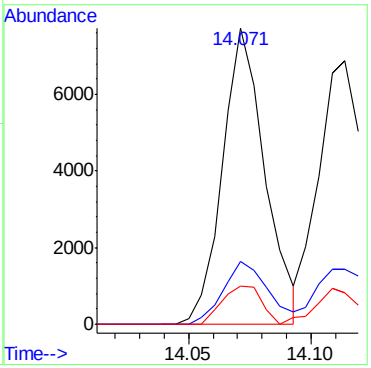


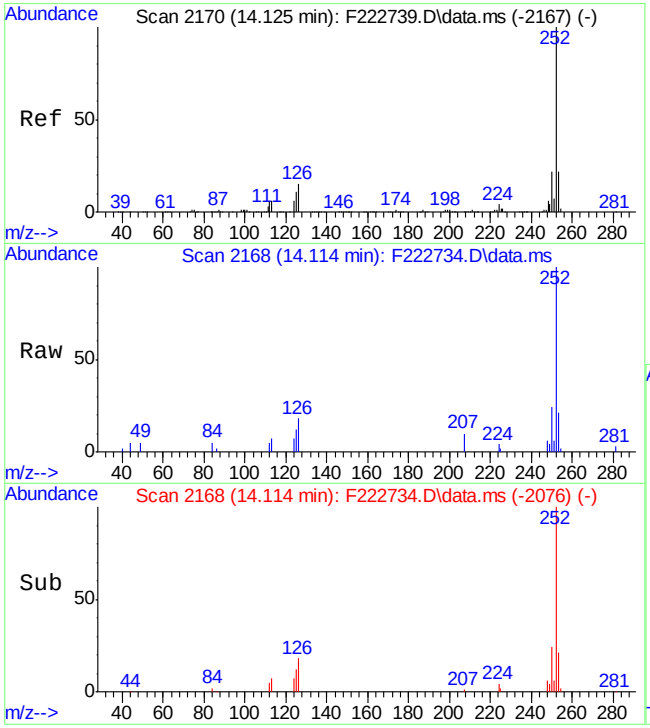


#94
Benzo[b]fluoranthene
Concen: 1.51 ppm
RT: 14.071 min Scan# 2160
Delta R.T. -0.016 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:252 Resp: 9386

Ion	Ratio	Lower	Upper
252	100		
253	20.2	0.0	53.7
125	12.8	0.0	42.3

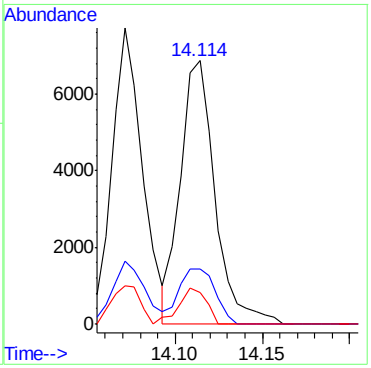


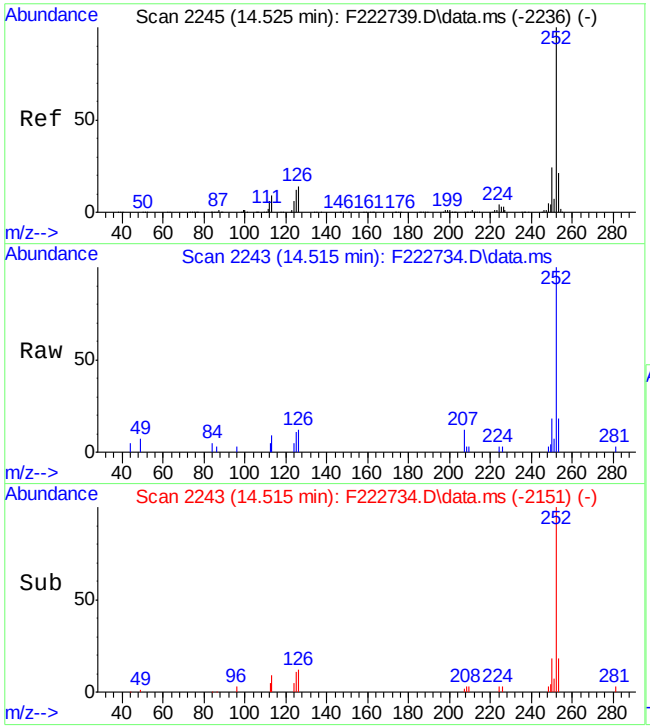


#95
Benzo[k]fluoranthene
Concen: 1.57 ppm
RT: 14.114 min Scan# 2168
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:252 Resp: 9483

Ion	Ratio	Lower	Upper
252	100		
253	19.9	0.0	52.2
125	11.8	0.0	41.3

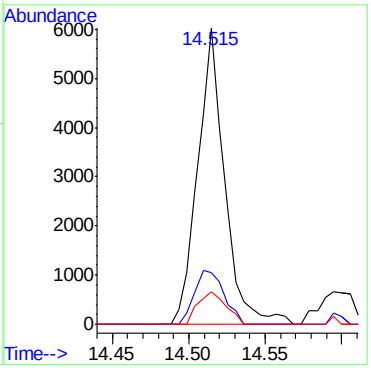


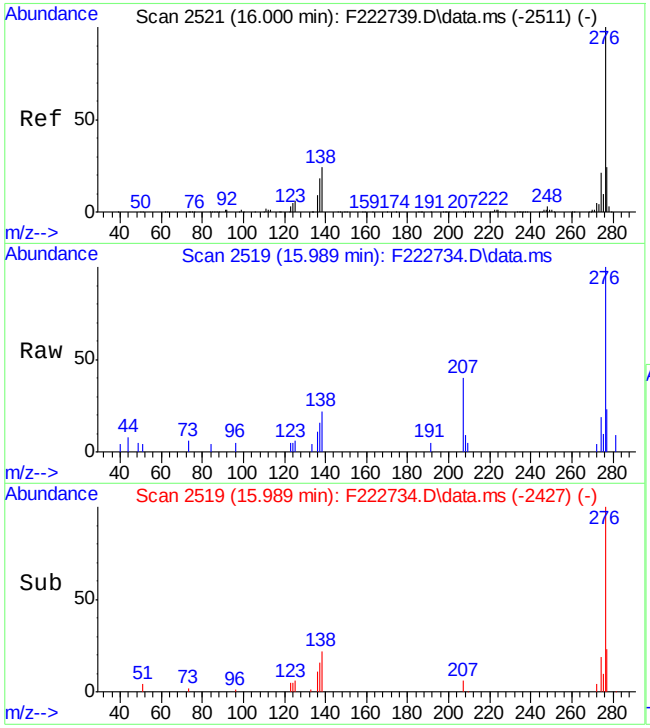


#96
Benzo[a]pyrene
Concen: 1.43 ppm
RT: 14.515 min Scan# 2243
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:252 Resp: 7360

Ion	Ratio	Lower	Upper
252	100		
253	17.5	0.0	50.6
125	11.1	0.0	41.7

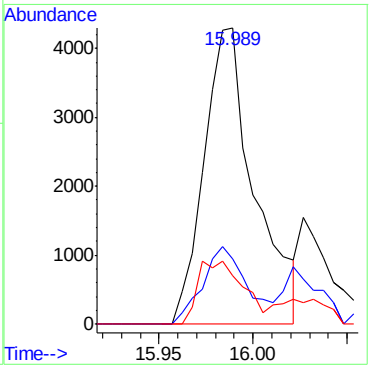


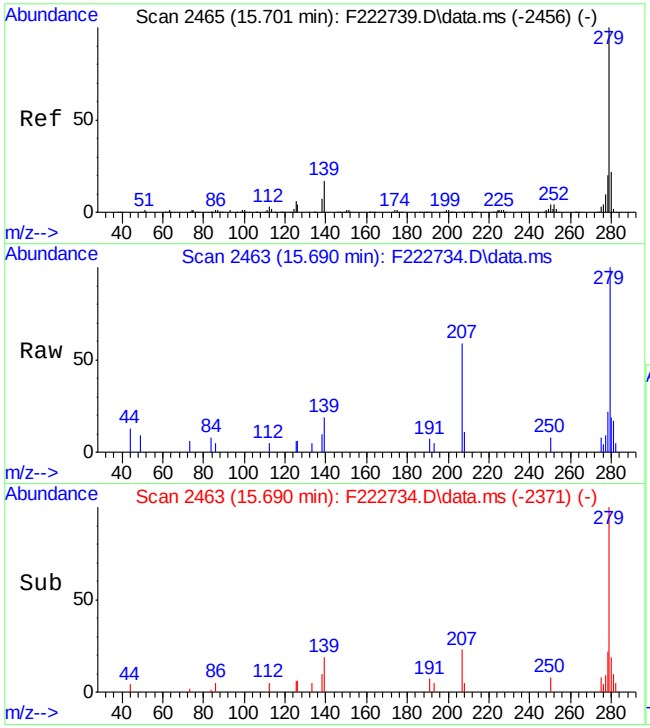


#97
Indeno[1,2,3-cd]pyrene
Concen: 1.46 ppm
RT: 15.989 min Scan# 2519
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:276 Resp: 7946

Ion	Ratio	Lower	Upper
276	100		
138	13.9	0.0	52.1
137	13.4	0.0	46.5

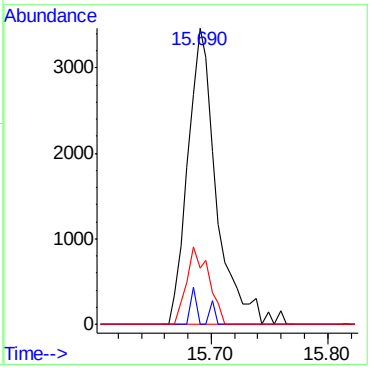


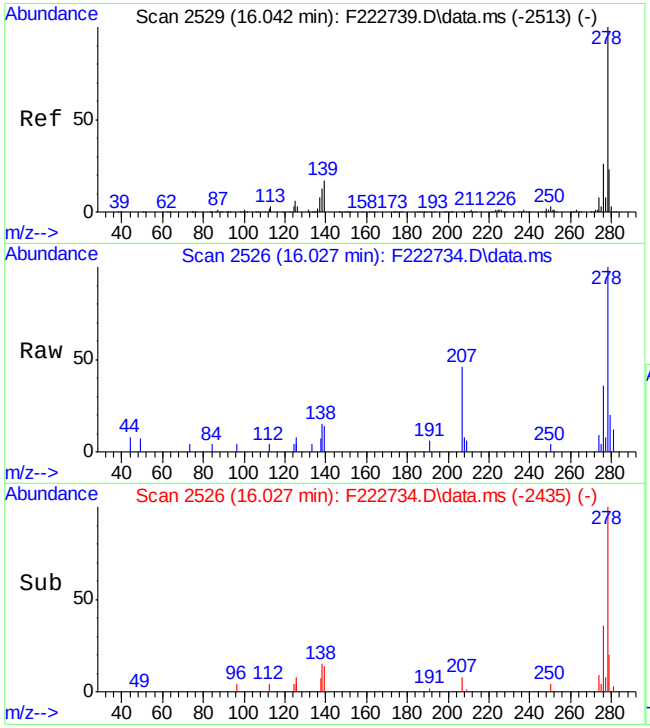


#98
Dibenz(a,h)acridine
Concen: 1.34 ppm
RT: 15.690 min Scan# 2463
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:279 Resp: 5900

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	19.0	0.0	52.3

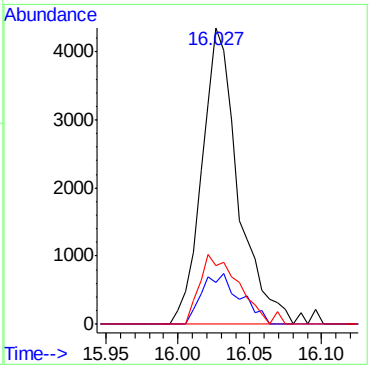


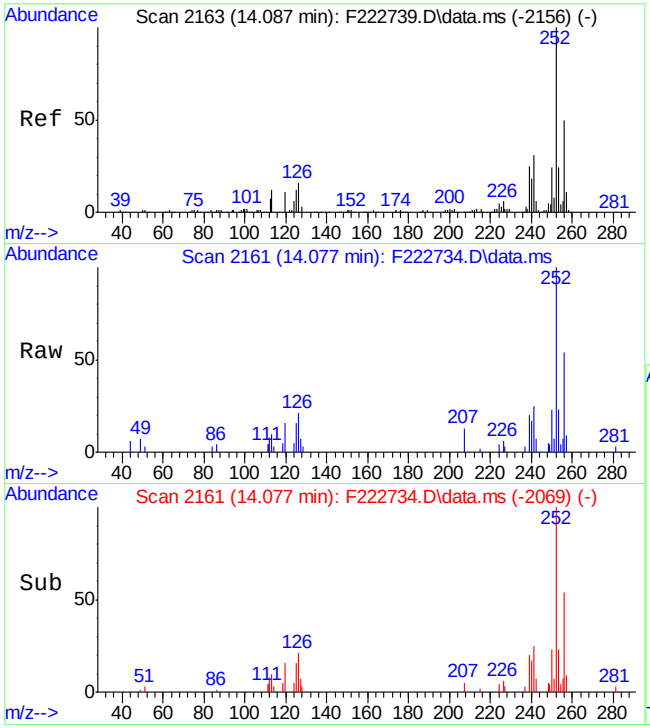


#99
Dibenz[a,h]anthracene
Concen: 1.39 ppm
RT: 16.027 min Scan# 2526
Delta R.T. -0.016 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:278 Resp: 7601

Ion	Ratio	Lower	Upper
278	100		
139	14.0	0.0	47.4
279	19.9	0.0	53.3

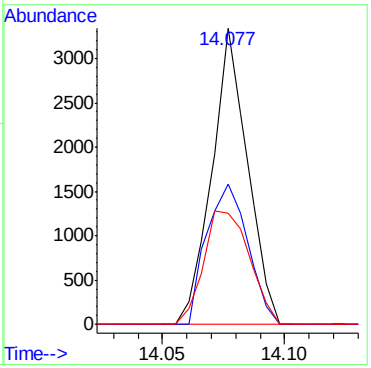


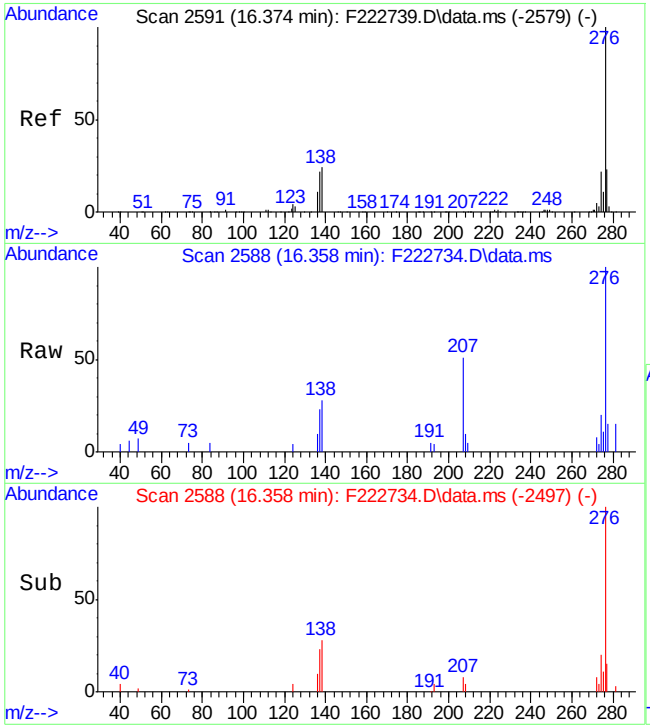


#100
7,12-Dimethylbenz(a)anthracene
Concen: 1.33 ppm
RT: 14.077 min Scan# 2161
Delta R.T. -0.011 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:256 Resp: 3406

Ion	Ratio	Lower	Upper
256	100		
241	47.3	31.1	91.1
239	37.4	19.1	79.1

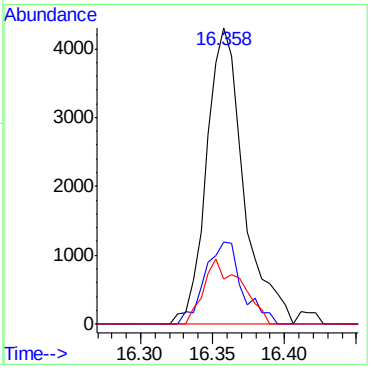




#101
Benzo[g,h,i]perylene
Concen: 1.47 ppm
RT: 16.358 min Scan# 2588
Delta R.T. -0.016 min
Lab File: F222734.D
Acq: 7 Nov 2024 9:23 am

Tgt Ion:276 Resp: 7648

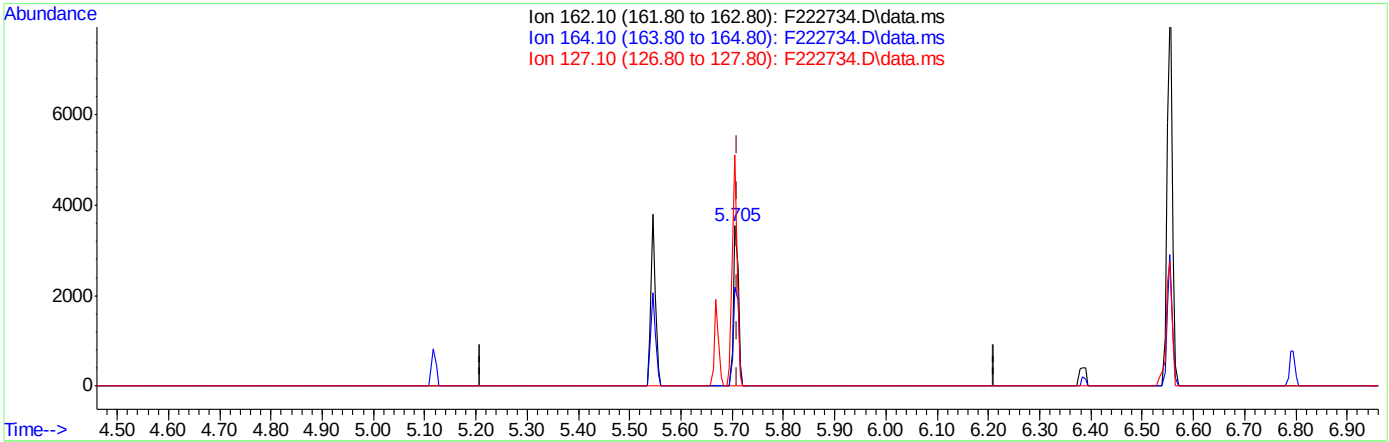
Ion	Ratio	Lower	Upper
276	100		
138	27.6	0.0	54.3
277	15.0	0.0	53.1

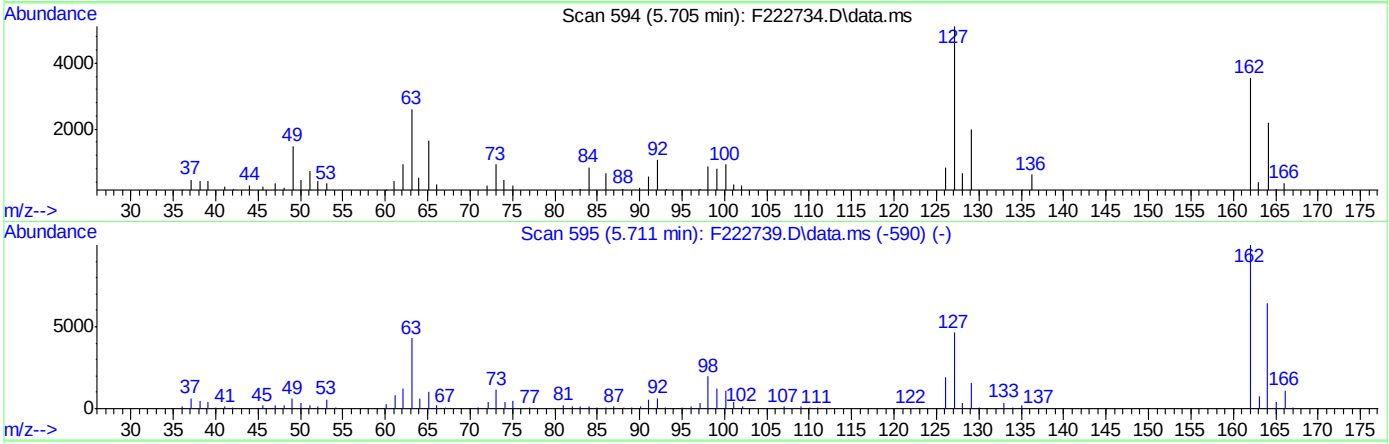


Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222734.D
Acq On : 7 Nov 2024 9:23 am
Operator : jackleey
Sample : ic9899-2
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 08 09:01:51 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration





TIC: F222734.D\data.ms

(52) 2-Chloronaphthalene (t)

5.705min (-0.005) 1.64ppm

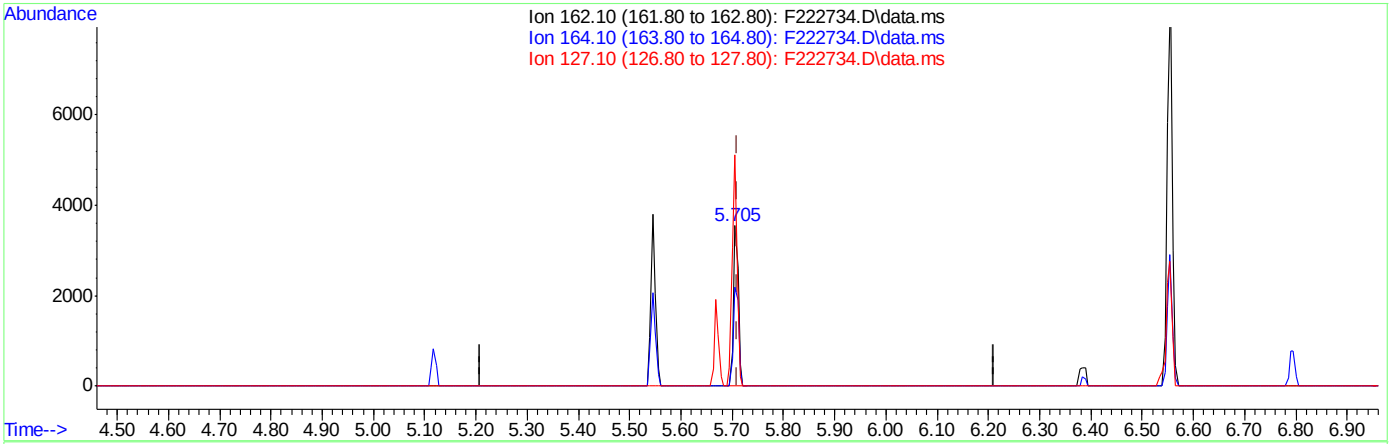
response 2367

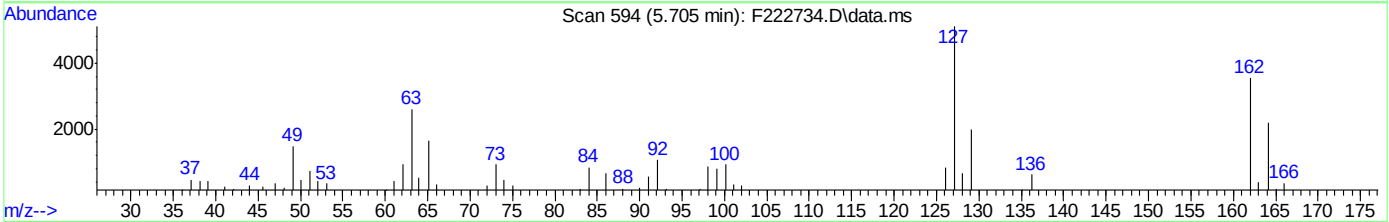
Ion	Exp%	Act%
162.10	100	100
164.10	64.30	61.77
127.10	46.90	144.28#
0.00	0.00	0.00

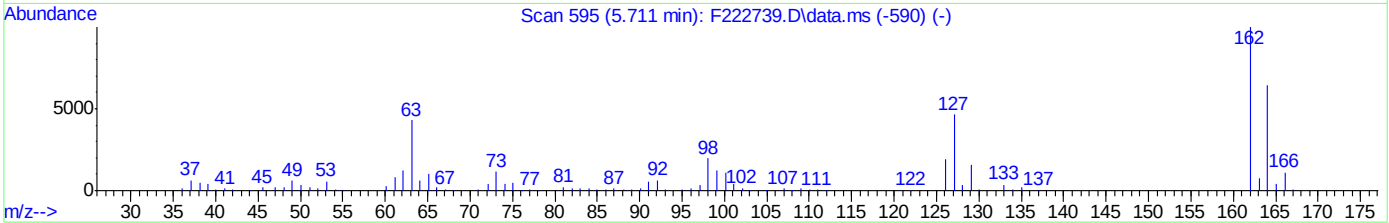
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222734.D
Acq On : 7 Nov 2024 9:23 am
Operator : jackleey
Sample : ic9899-2
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 08 09:01:51 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222734.D\data.ms

(52) 2-Chloronaphthalene (t)

5.705min (-0.005) 1.64ppm

response 2367

Ion	Exp%	Act%
162.10	100	100
164.10	64.30	61.77
127.10	46.90	144.28#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222735.D
Acq On : 7 Nov 2024 9:46 am
Operator : jackleey
Sample : ic9899-5
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 06 10:38:09 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.765	152	50724	40.00	ppm	0.00
24) Naphthalene-d8	5.652	136	198150	40.00	ppm	0.00
46) Acenaphthene-d10	7.041	164	106522	40.00	ppm	0.00
69) Phenanthrene-d10	8.665	188	209691	40.00	ppm	0.00
83) Chrysene-d12	12.506	240	185266	40.00	ppm	0.00
92) Perylene-d12	14.600	264	206139	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.765	152	50724	40.00	ppm	0.00
112) Naphthalene-d8A	5.652	136	198150	40.00	ppm	0.00
121) Acenaphthene-d10A	7.041	164	106522	40.00	ppm	0.00
132) Phenanthrene-d10A	8.665	188	209691	40.00	ppm	0.00
147) Chrysene-d12A	12.506	240	185266	40.00	ppm	0.00
154) Perylene-d12A	14.600	264	206139	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.765	152	50724	40.00	ppm	0.00
159) Phenanthrene-d10b	8.665	188	209691	40.00	ppm	0.00
161) Naphthalene-d8b	5.652	136	198150	40.00	ppm	0.00
163) Naphthalene-d8c	5.652	136	198150	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.765	152	50724	40.00	ppm	0.00
169) Chrysene-d12c	12.506	240	185266	40.00	ppm	0.00
171) Chrysene-d12d	12.506	240	185266	40.00	ppm	0.00
173) Naphthalene-d8d	5.652	136	198150	40.00	ppm	0.00
175) Chrysene-d12e	12.506	240	185266	40.00	ppm	0.00
177) Perylene-d12b	14.600	264	206139	40.00	ppm	0.00
179) Naphthalene-d8e	5.652	136	198150	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.852	112	6133	4.30	ppm	0.00
Spiked Amount 50.000			Recovery = 8.60%			
8) Phenol-d5	4.487	99	7748	4.61	ppm	0.00
Spiked Amount 50.000			Recovery = 9.22%			
25) Nitrobenzene-d5	5.144	82	6154	4.07	ppm	0.00
Spiked Amount 50.000			Recovery = 8.14%			
51) 2-Fluorobiphenyl	6.453	172	17607	4.48	ppm	0.00
Spiked Amount 50.000			Recovery = 8.96%			
73) 2,4,6-Tribromophenol	7.837	330	2098	3.79	ppm	0.00
Spiked Amount 50.000			Recovery = 7.58%			
86) Terphenyl-d14	10.930	244	20426	4.48	ppm	0.00
Spiked Amount 50.000			Recovery = 8.96%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.708	88	3393	5.94	ppm	76
3) Pyridine	2.954	79	7514	4.64	ppm	97
4) N-Nitrosodimethylamine	2.922	42	3356	4.51	ppm	96
6) Indene	4.941	116	13045	4.74	ppm	98
7) Cumene	4.220	105	14233	4.81	ppm	99
9) Phenol	4.498	94	8269	4.48	ppm	98
10) Aniline	4.535	93	10610	4.59	ppm	98
11) bis(2-Chloroethyl)ether	4.573	93	6744	4.72	ppm	98
12) 2-Chlorophenol	4.616	128	6913	4.30	ppm	94
13) Decane	4.642	43	7092	4.68	ppm	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222735.D
Acq On : 7 Nov 2024 9:46 am
Operator : jackleey
Sample : ic9899-5
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 06 10:38:09 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
14)	1,3-Dichlorobenzene	4.722	146	8630	4.67	ppm		97
15)	1,4-Dichlorobenzene	4.776	146	9007	4.75	ppm		97
16)	Benzyl alcohol	4.851	108	4391	4.41	ppm		96
17)	1,2-Dichlorobenzene	4.883	146	8473	4.74	ppm		96
18)	Acetophenone	5.038	105	10694	4.64	ppm		94
19)	2-Methylphenol	4.920	108	6382	4.61	ppm		98
20)	2,2'-oxybis(1-Chloropr...	4.941	121	2134	4.77	ppm	#	86
21)	3&4-Methylphenol	5.027	108	12600	8.45	ppm		95
22)	n-Nitroso-di-n-propyla...	5.038	70	4979	4.68	ppm		98
23)	Hexachloroethane	5.118	201	3185	4.24	ppm		83
26)	Nitrobenzene	5.160	77	7003	4.30	ppm		99
27)	Quinoline	5.908	129	14350	4.49	ppm		97
28)	Isophorone	5.326	82	13307	4.61	ppm		98
29)	2-Nitrophenol	5.385	139	2848	3.67	ppm		67
30)	2,4-Dimethylphenol	5.401	107	7106	4.35	ppm		96
31)	Benzoic acid	5.428	105	2406	2.55	ppm	#	66
32)	bis(2-Chloroethoxy)met...	5.476	93	8433	4.50	ppm		98
33)	2,4-Dichlorophenol	5.545	162	6324	4.39	ppm		95
34)	2,6-Dichlorophenol	5.705	162	6394	4.31	ppm		99
35)	1,3,5-Trichlorobenzene	5.390	180	8332	4.54	ppm		97
36)	1,2,4-Trichlorobenzene	5.609	180	7603	4.42	ppm		98
37)	1,2,3-Trichlorobenzene	5.769	180	7901	4.48	ppm		96
38)	Naphthalene	5.668	128	22862	4.69	ppm		99
39)	4-Chloroaniline	5.705	127	9235	4.34	ppm		96
40)	2,3-Dichloroaniline	6.384	161	7849	4.53	ppm		96
41)	Hydroquinone	5.919	110	6087	4.24	ppm		98
42)	Hexachlorobutadiene	5.753	225	4931	4.43	ppm		97
43)	4-Chloro-3-methylphenol	6.037	107	5483	4.10	ppm		97
44)	2-Methylnaphthalene	6.170	141	13532	4.54	ppm		99
45)	1-Methylnaphthalene	6.245	142	14260	4.64	ppm		97
47)	Hexachlorocyclopentadiene	6.288	237	7968	7.09	ppm		93
48)	1,2,4,5-tetrachloroben...	6.293	216	8235	4.31	ppm		98
49)	2,4,6-Trichlorophenol	6.379	196	4869	4.21	ppm		91
50)	2,4,5-Trichlorophenol	6.405	196	5001	3.84	ppm		97
52)	2-Chloronaphthalene	6.555	162	14874m	10.04	ppm		
53)	Biphenyl	6.533	154	19257	4.49	ppm		96
54)	2-Nitroaniline	6.635	65	2845	3.58	ppm		92
55)	Dimethylphthalate	6.795	163	16864	4.59	ppm		99
56)	Acenaphthylene	6.913	152	20463	4.34	ppm		99
57)	2,6-Dinitrotoluene	6.843	165	2151	3.07	ppm		91
58)	3-Nitroaniline	6.998	138	2825	3.37	ppm		90
59)	Acenaphthene	7.073	153	16075	4.64	ppm		94
60)	2,4-Dinitrophenol	7.089	184	1627	4.33	ppm		84
61)	4-Nitrophenol	7.132	109	1687	3.53	ppm	#	72
62)	Dibenzofuran	7.239	168	22661	4.61	ppm		98
63)	2,4-Dinitrotoluene	7.217	165	2821	2.82	ppm		85
64)	2,3,4,6-Tetrachlorophenol	7.351	232	3480	3.51	ppm		99
65)	Diethylphthalate	7.463	149	17939	4.64	ppm		97
66)	Fluorene	7.581	166	16663	4.26	ppm		99
67)	4-Chlorophenyl-phenyle...	7.586	204	9395	4.58	ppm		93

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222735.D
Acq On : 7 Nov 2024 9:46 am
Operator : jackleey
Sample : ic9899-5
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 06 10:38:09 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

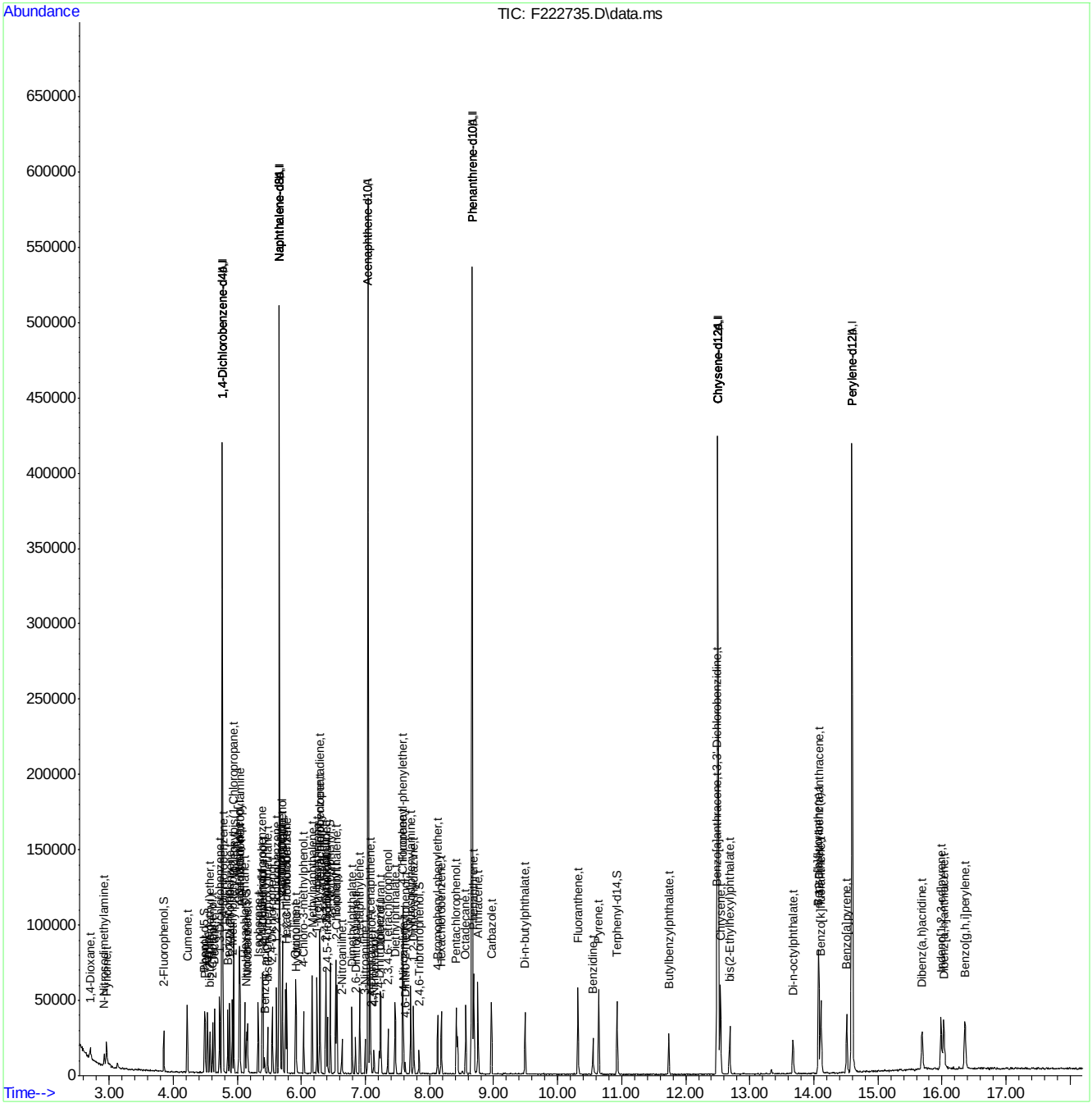
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 4-Nitroaniline	7.597	138	3203	3.50	ppm	89
70) 4,6-Dinitro-2-methylph...	7.623	198	1044	2.21	ppm	81
71) n-Nitrosodiphenylamine	7.703	169	14557	4.43	ppm	95
72) 1,2-Diphenylhydrazine	7.751	77	16288	4.83	ppm	99
74) 4-Bromophenyl-phenylether	8.125	248	5041	4.31	ppm	92
75) Hexachlorobenzene	8.184	284	5635	4.51	ppm	100
76) Pentachlorophenol	8.419	266	5440	6.50	ppm	97
77) Phenanthrene	8.692	178	26228	4.64	ppm	99
78) Anthracene	8.756	178	25353	4.39	ppm	97
79) Carbazole	8.970	167	22862	4.24	ppm	99
80) Di-n-butylphthalate	9.493	149	26069	3.97	ppm	97
81) Fluoranthene	10.316	202	27167	4.14	ppm	98
82) Octadecane	8.563	57	8823	4.27	ppm	92
84) Benzidine	10.551	184	13921	4.10	ppm	99
85) Pyrene	10.642	202	29023	4.54	ppm	99
87) Butylbenzylphthalate	11.737	149	7842	3.23	ppm	91
88) Benzo[a]anthracene	12.485	228	24652	4.14	ppm	98
89) 3,3'-Dichlorobenzidine	12.490	252	8328	3.49	ppm	94
90) Chrysene	12.543	228	28232	4.68	ppm	95
91) bis(2-Ethylhexyl)phtha...	12.688	149	12679	3.26	ppm	97
93) Di-n-octylphthalate	13.676	149	17463	2.65	ppm	98
94) Benzo[b]fluoranthene	14.071	252	25817	3.86	ppm	98
95) Benzo[k]fluoranthene	14.114	252	26683	4.10	ppm	95
96) Benzo[a]pyrene	14.515	252	21367	3.85	ppm	96
97) Indeno[1,2,3-cd]pyrene	15.984	276	21001	3.58	ppm	97
98) Dibenz(a,h)acridine	15.690	279	17626	3.72	ppm	94
99) Dibenz[a,h]anthracene	16.032	278	22936	3.90	ppm	95
100) 7,12-Dimethylbenz(a)an...	14.077	256	10188	3.70	ppm	95
101) Benzo[g,h,i]perylene	16.358	276	22169	3.97	ppm	98

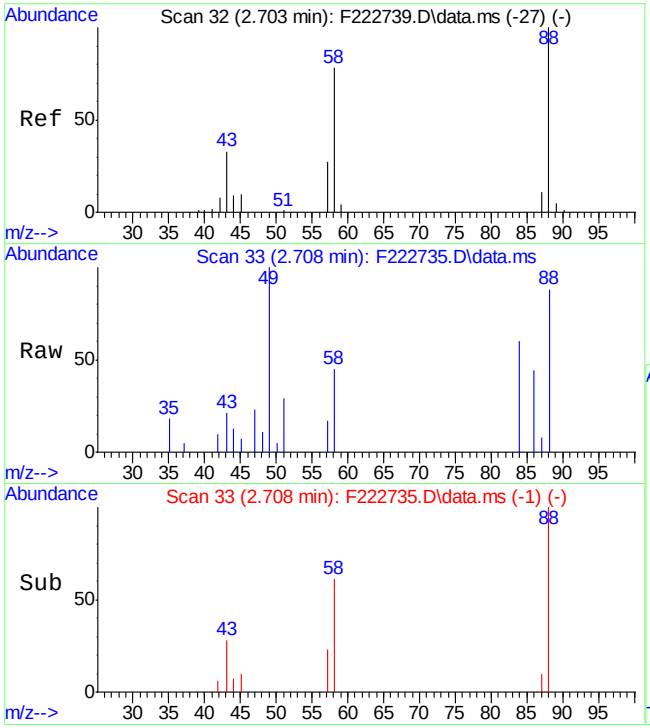
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222735.D
Acq On : 7 Nov 2024 9:46 am
Operator : jackleey
Sample : ic9899-5
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 06 10:38:09 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

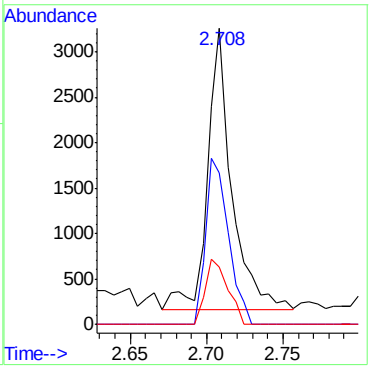


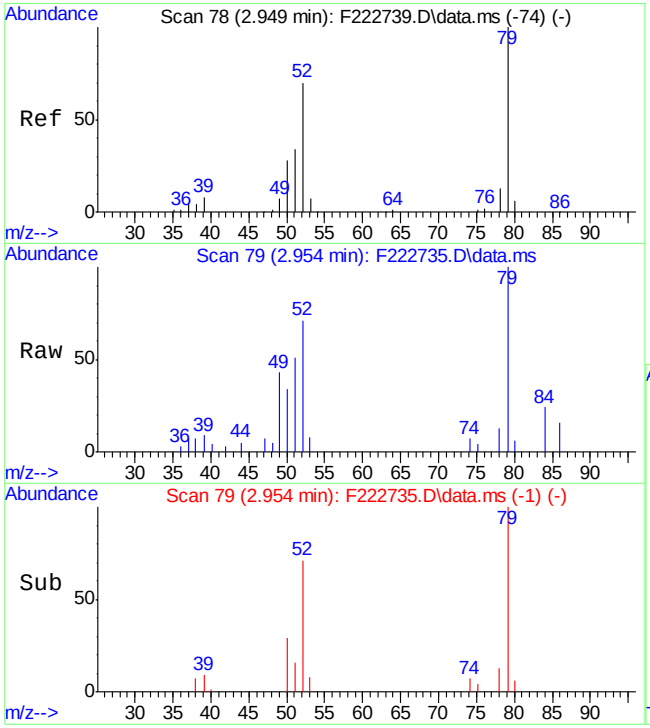


#2
1,4-Dioxane
Concen: 5.94 ppm
RT: 2.708 min Scan# 33
Delta R.T. 0.006 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 88 Resp: 3393

Ion	Ratio	Lower	Upper
88	100		
58	53.9	47.6	107.6
57	20.3	0.0	57.2

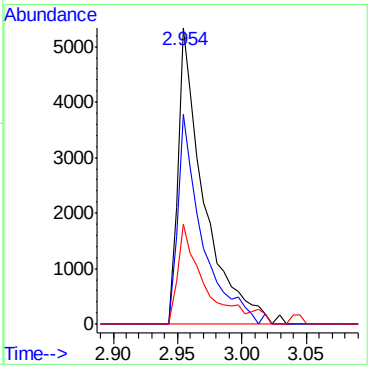


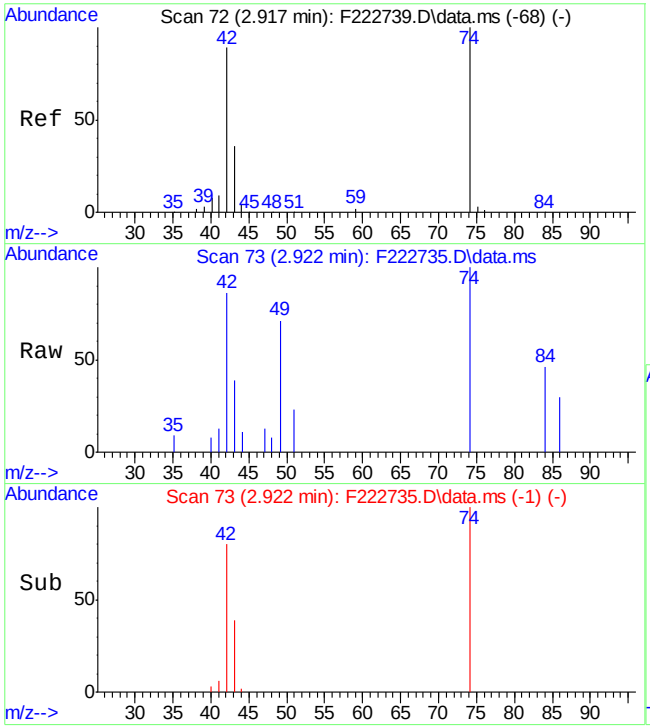


#3
Pyridine
Concen: 4.64 ppm
RT: 2.954 min Scan# 79
Delta R.T. 0.006 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 79 Resp: 7514

Ion	Ratio	Lower	Upper
79	100		
52	70.8	39.7	99.7
50	32.1	0.0	58.3

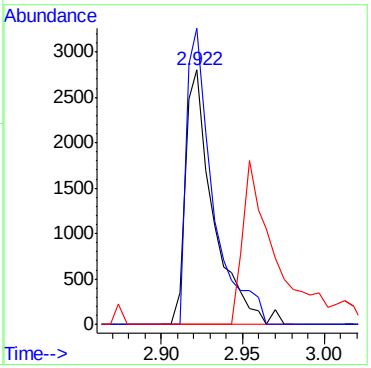


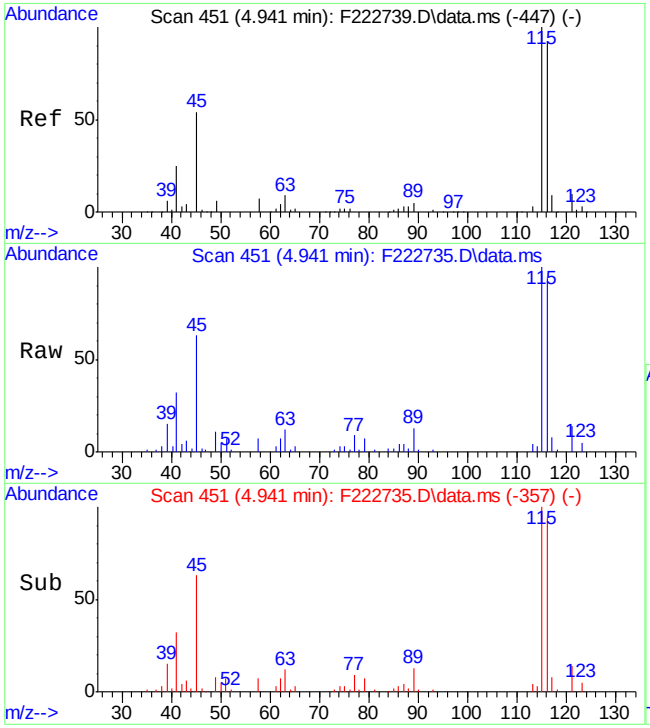


#4
N-Nitrosodimethylamine
Concen: 4.51 ppm
RT: 2.922 min Scan# 73
Delta R.T. 0.006 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 42 Resp: 3356

Ion	Ratio	Lower	Upper
42	100		
74	116.4	82.2	142.2
50	0.0	0.0	30.0

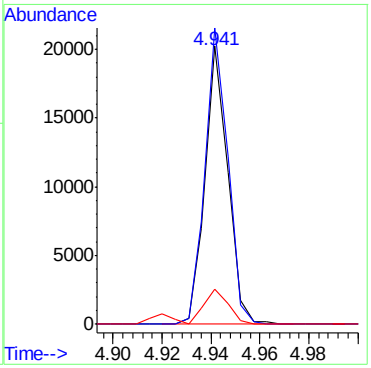


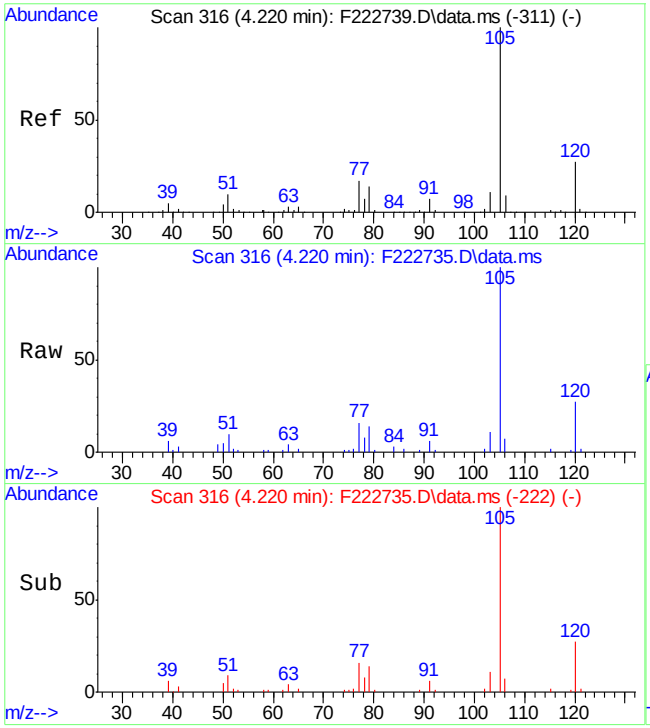


#6
Indene
Concen: 4.74 ppm
RT: 4.941 min Scan# 451
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:116 Resp: 13045

Ion	Ratio	Lower	Upper
116	100		
115	106.5	78.5	138.5
63	11.0	0.0	42.1

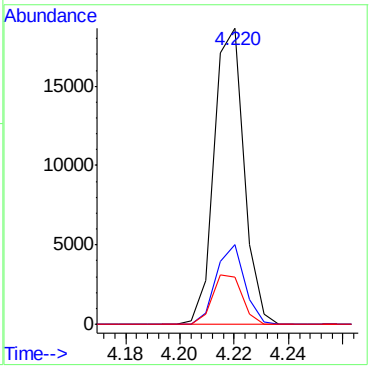


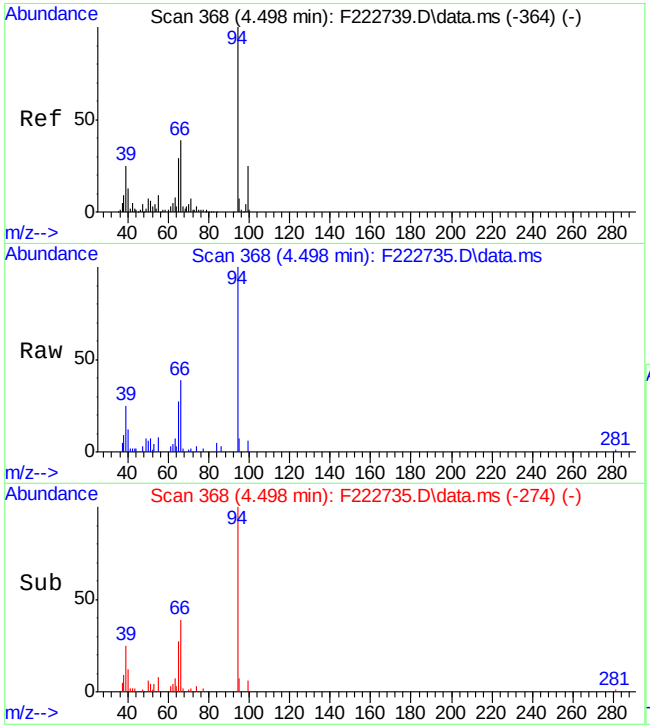


#7
Cumene
Concen: 4.81 ppm
RT: 4.220 min Scan# 316
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:105 Resp: 14233

Ion	Ratio	Lower	Upper
105	100		
120	27.0	0.0	57.2
77	16.0	0.0	46.5

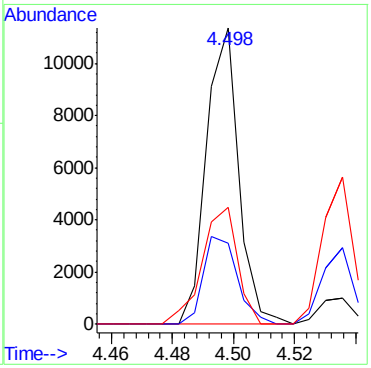


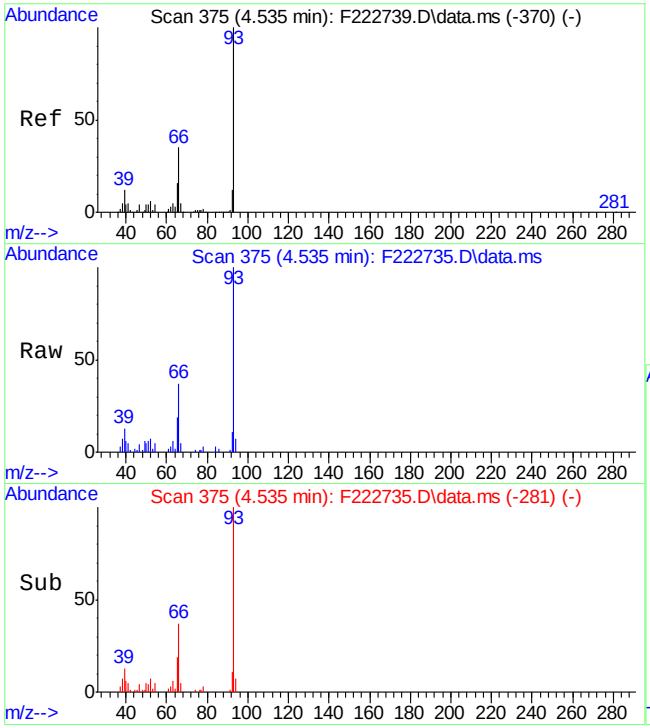


#9
Phenol
Concen: 4.48 ppm
RT: 4.498 min Scan# 368
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 94 Resp: 8269

Ion	Ratio	Lower	Upper
94	100		
65	27.2	0.0	59.0
66	39.3	8.6	68.6

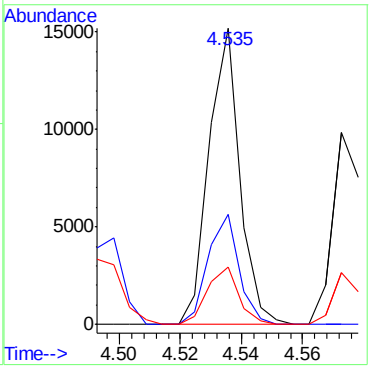


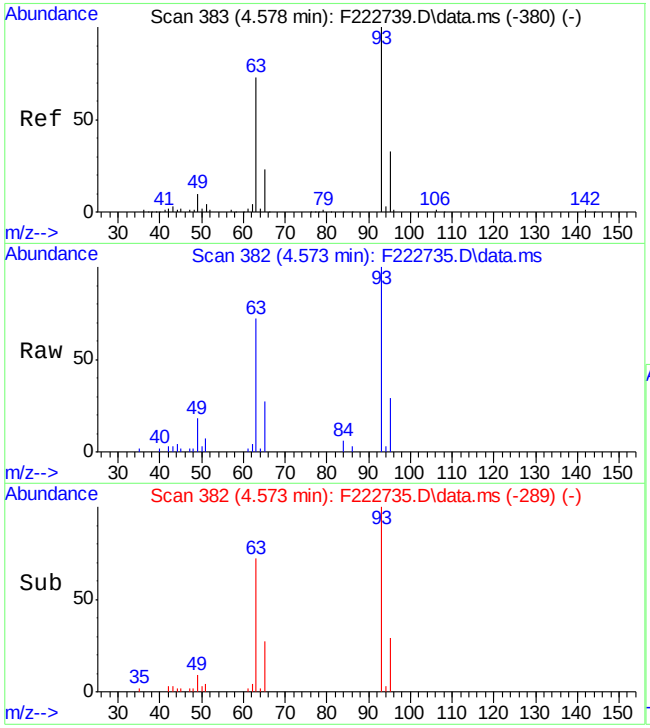


#10
Aniline
Concen: 4.59 ppm
RT: 4.535 min Scan# 375
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 93 Resp: 10610

Ion	Ratio	Lower	Upper
93	100		
66	37.1	6.6	66.6
65	19.2	0.0	47.6

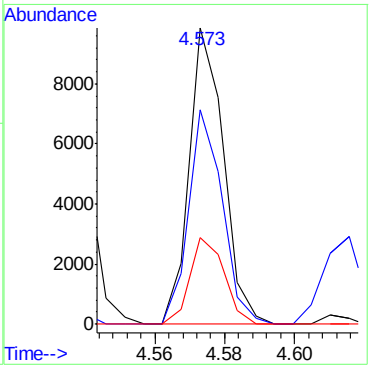


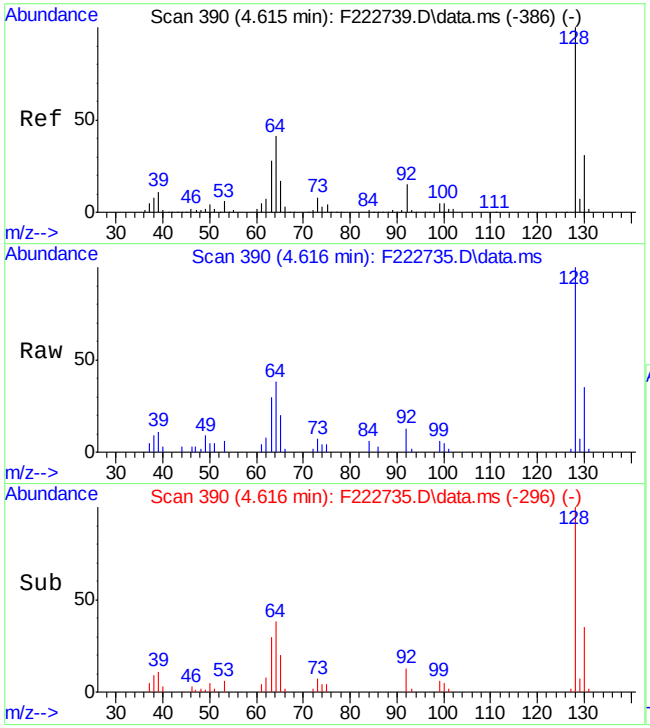


#11
bis(2-Chloroethyl)ether
Concen: 4.72 ppm
RT: 4.573 min Scan# 382
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 93 Resp: 6744

Ion	Ratio	Lower	Upper
93	100		
63	72.4	42.1	102.1
95	29.3	2.4	62.4

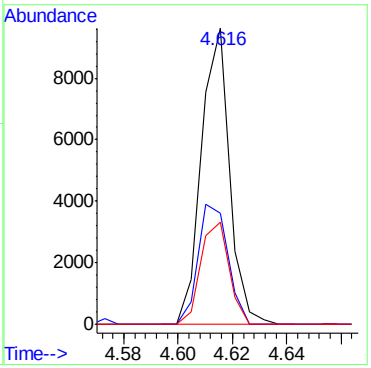


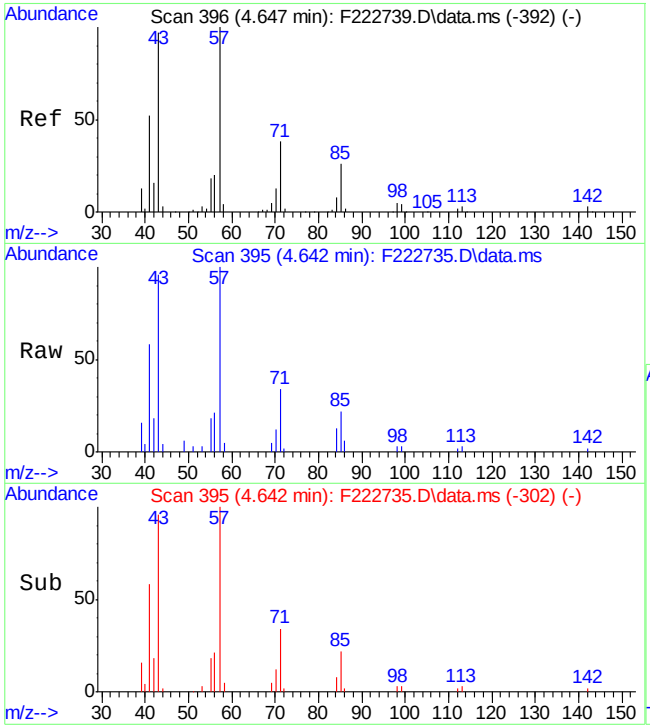


#12
2-Chlorophenol
Concen: 4.30 ppm
RT: 4.616 min Scan# 390
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:128 Resp: 6913

Ion	Ratio	Lower	Upper
128	100		
64	37.7	10.9	70.9
130	34.5	1.2	61.2

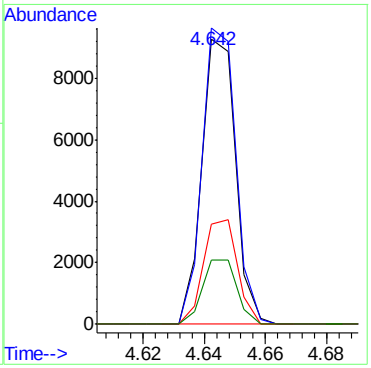


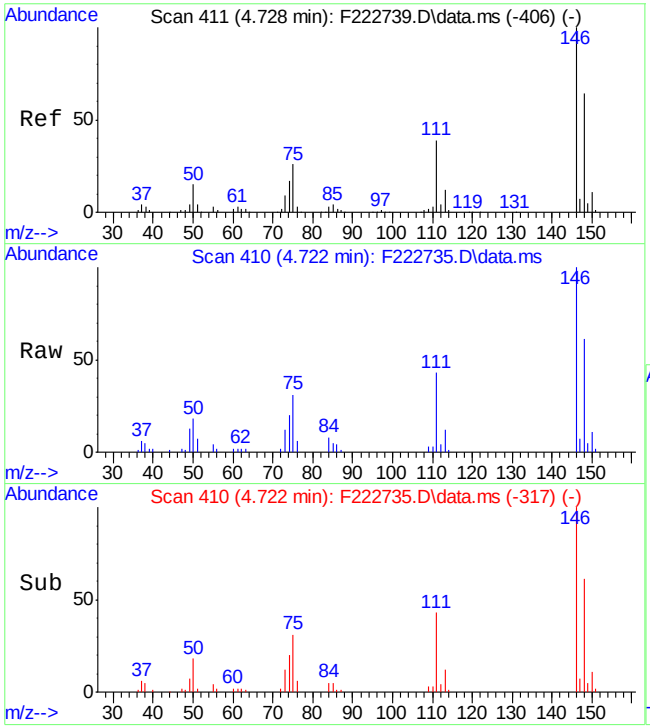


#13
Decane
Concen: 4.68 ppm
RT: 4.642 min Scan# 395
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 43 Resp: 7092

Ion	Ratio	Lower	Upper
43	100		
57	103.8	73.5	133.5
71	34.8	9.4	69.4
85	22.4	0.0	56.4

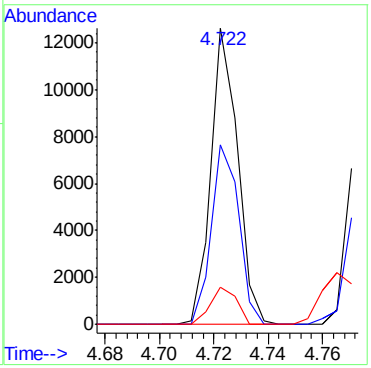


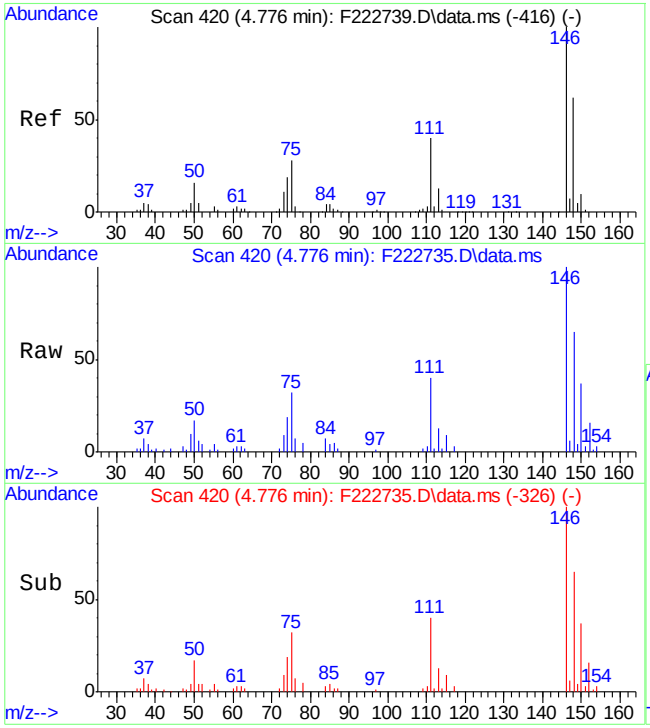


#14
1,3-Dichlorobenzene
Concen: 4.67 ppm
RT: 4.722 min Scan# 410
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:146 Resp: 8630

Ion	Ratio	Lower	Upper
146	100		
148	60.7	33.6	93.6
113	12.4	0.0	41.9

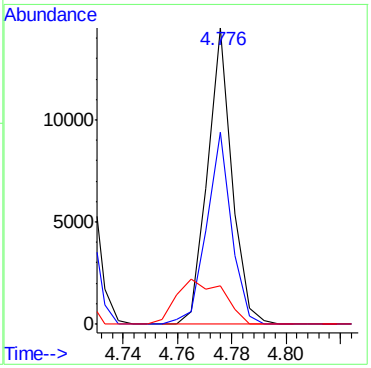


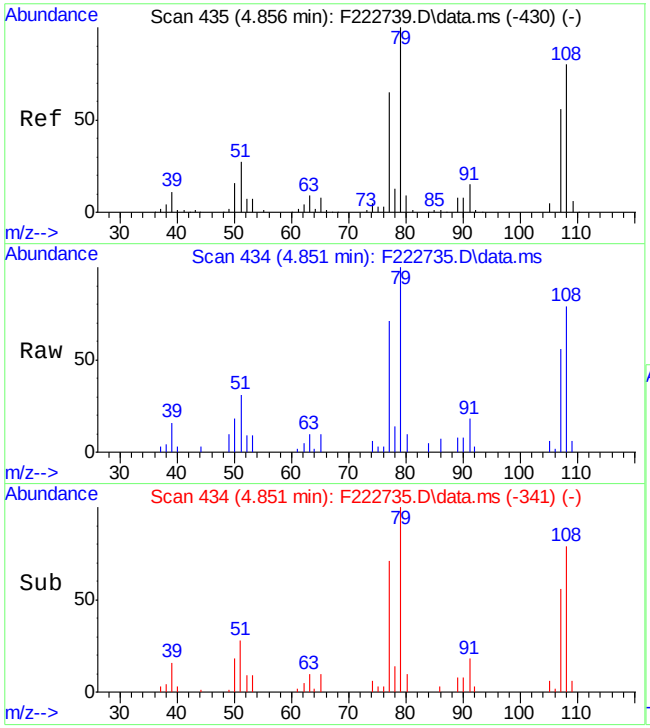


#15
1,4-Dichlorobenzene
Concen: 4.75 ppm
RT: 4.776 min Scan# 420
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:146 Resp: 9007

Ion	Ratio	Lower	Upper
146	100		
148	64.8	32.0	92.0
113	12.2	0.0	42.6

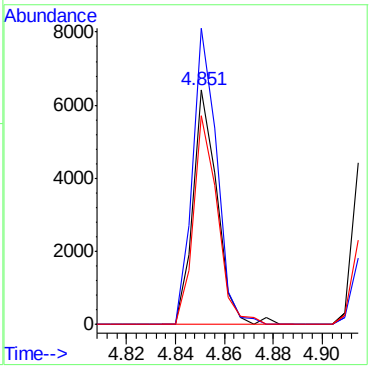


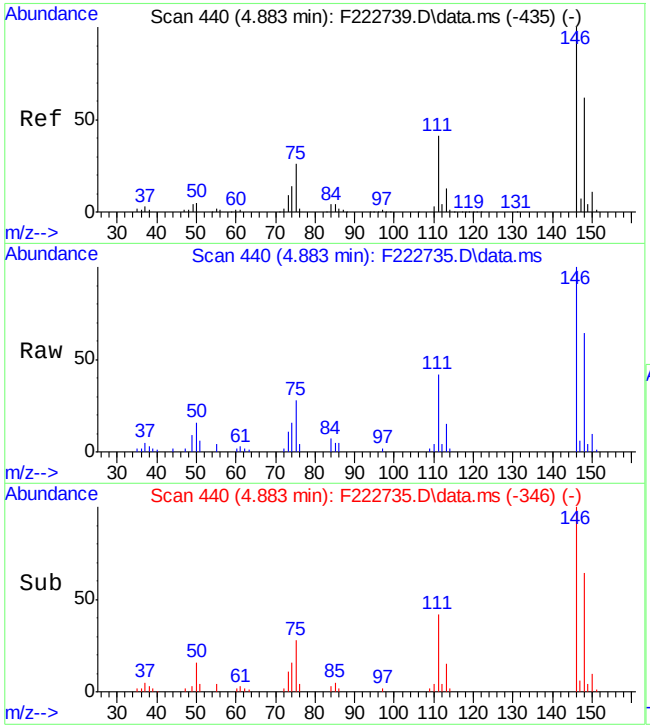


#16
Benzyl alcohol
Concen: 4.41 ppm
RT: 4.851 min Scan# 434
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:108 Resp: 4391

Ion	Ratio	Lower	Upper
108	100		
79	126.5	95.7	155.7
77	89.2	51.3	111.3

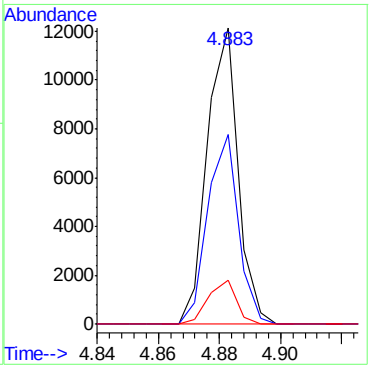


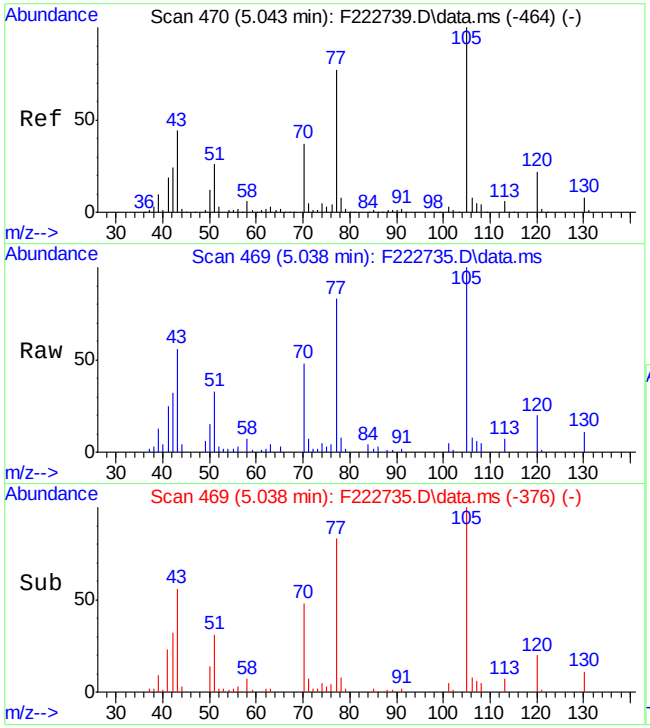


#17
1,2-Dichlorobenzene
Concen: 4.74 ppm
RT: 4.883 min Scan# 440
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:146 Resp: 8473

Ion	Ratio	Lower	Upper
146	100		
148	64.2	31.8	91.8
113	14.8	0.0	42.3

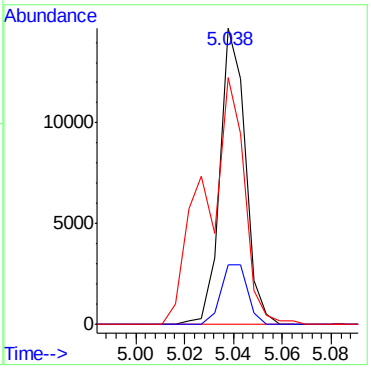


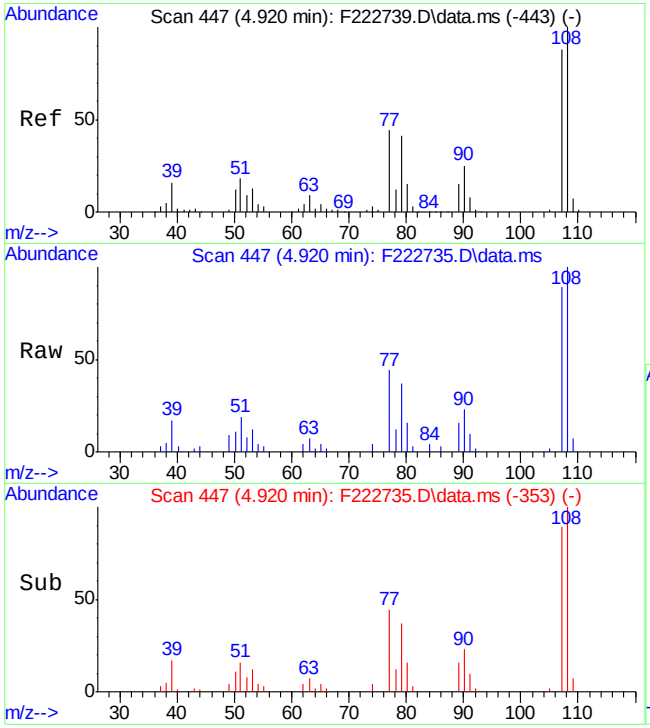


#18
Acetophenone
Concen: 4.64 ppm
RT: 5.038 min Scan# 469
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:105 Resp: 10694

Ion	Ratio	Lower	Upper
105	100		
120	20.0	0.0	51.5
77	82.6	46.5	106.5

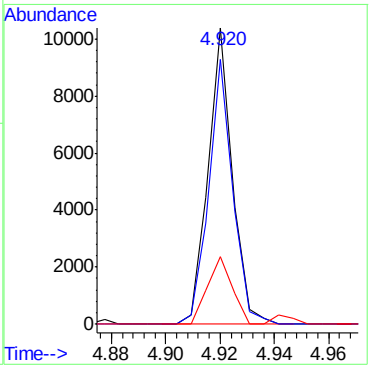


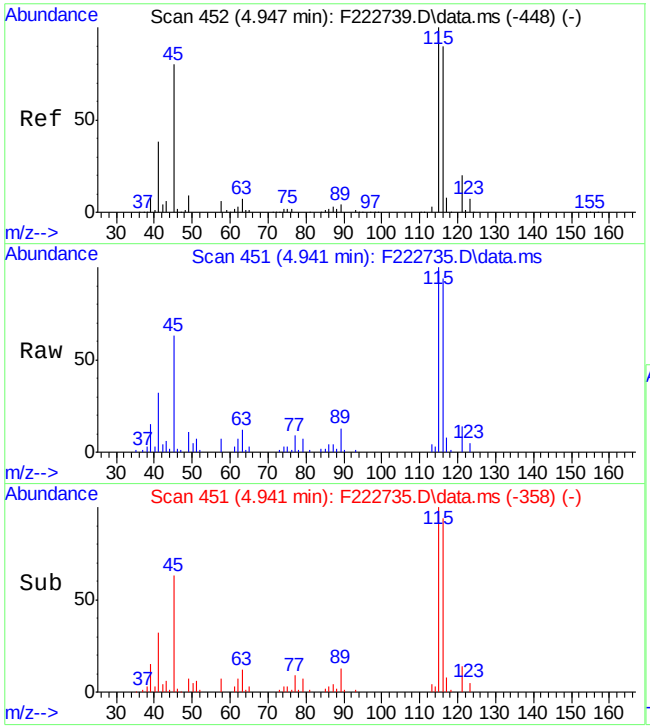


#19
2-Methylphenol
Concen: 4.61 ppm
RT: 4.920 min Scan# 447
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:108 Resp: 6382

Ion	Ratio	Lower	Upper
108	100		
107	89.3	58.3	118.3
90	22.0	0.0	55.3

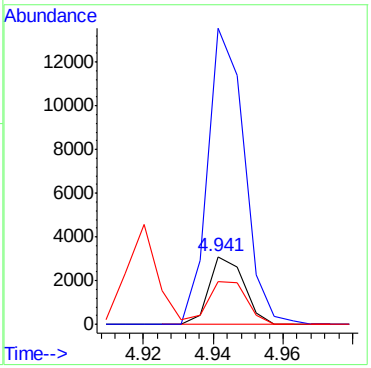


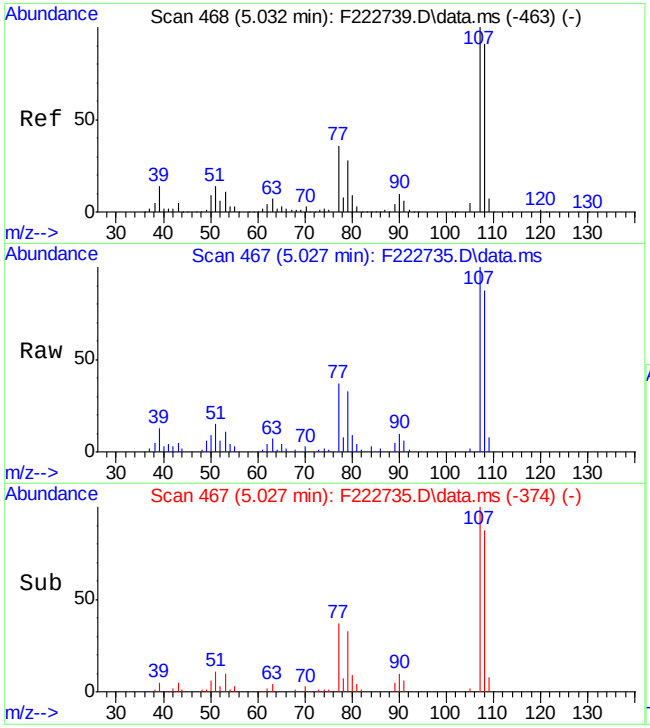


#20
2,2'-oxybis(1-Chloropropane
Concen: 4.77 ppm
RT: 4.941 min Scan# 451
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:121 Resp: 2134

Ion	Ratio	Lower	Upper
121	100		
45	435.7	374.4	434.4#
77	38.0	0.0	49.9

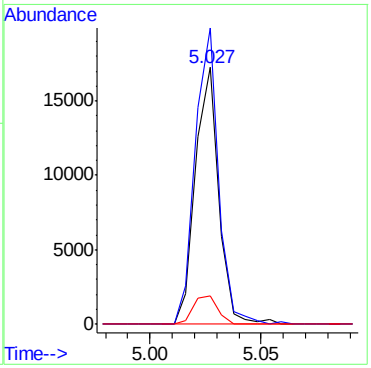


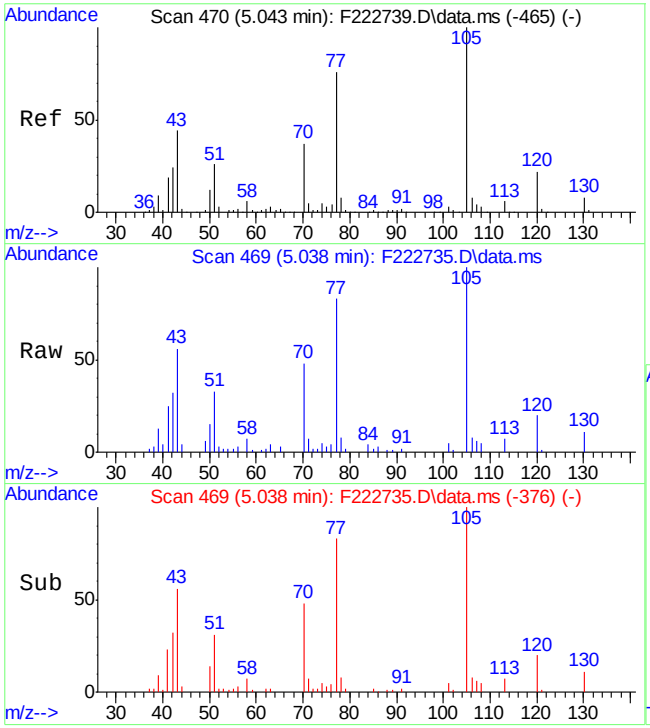


#21
3&4-Methylphenol
Concen: 8.45 ppm
RT: 5.027 min Scan# 467
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:108 Resp: 12600

Ion	Ratio	Lower	Upper
108	100		
107	115.4	80.0	140.0
90	11.0	0.0	41.5

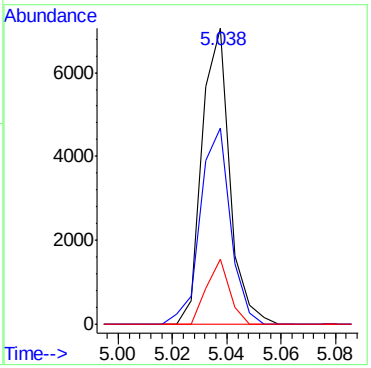


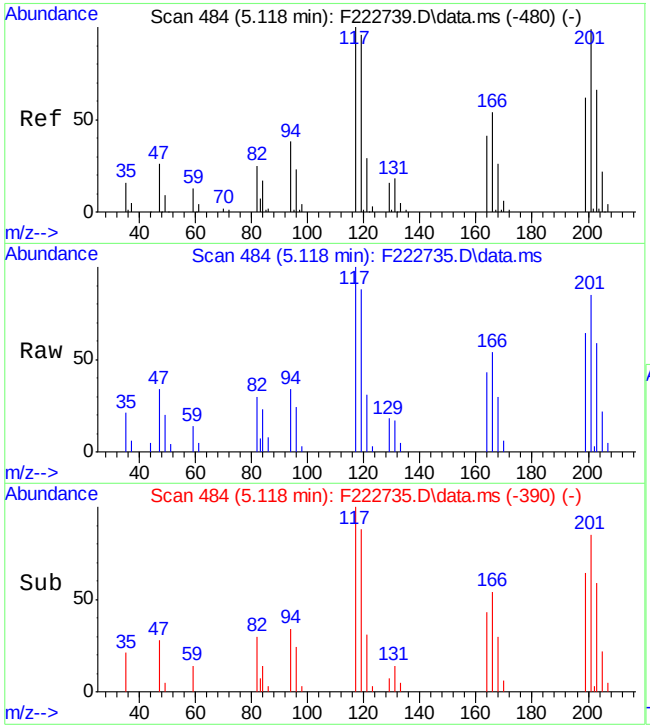


#22
n-Nitroso-di-n-propylamine
Concen: 4.68 ppm
RT: 5.038 min Scan# 469
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 70 Resp: 4979

Ion	Ratio	Lower	Upper
70	100		
42	66.3	44.9	83.5
130	22.1	15.4	28.6

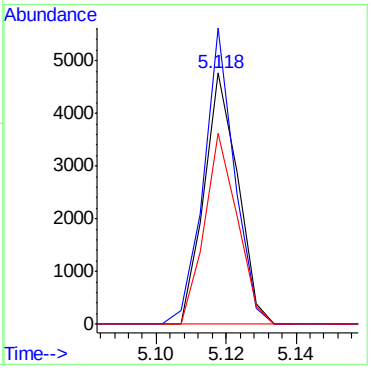




#23
Hexachloroethane
Concen: 4.24 ppm
RT: 5.118 min Scan# 484
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

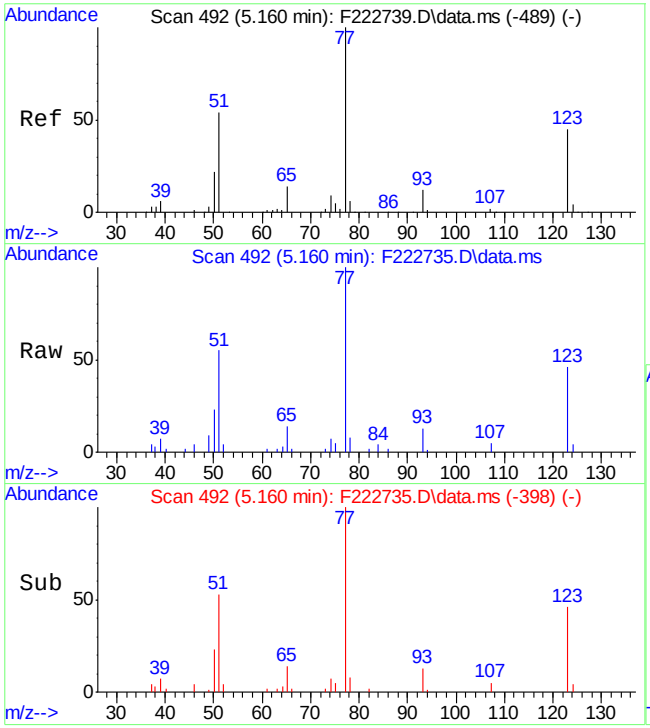
Tgt Ion:201 Resp: 3185

Ion	Ratio	Lower	Upper
201	100		
117	118.1	70.8	130.8
199	76.0	32.9	92.9



7.6.24

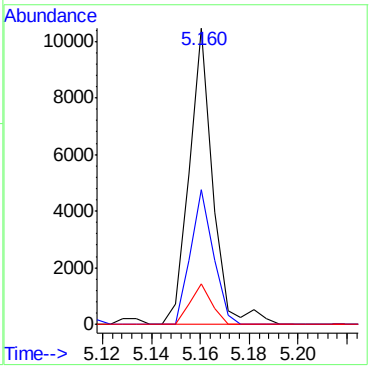
7

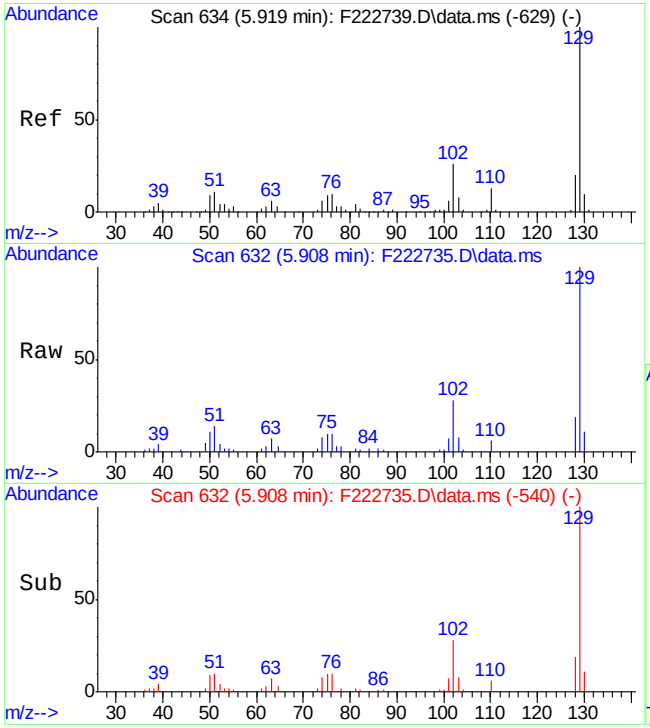


#26
Nitrobenzene
Concen: 4.30 ppm
RT: 5.160 min Scan# 492
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 77 Resp: 7003

Ion	Ratio	Lower	Upper
77	100		
123	45.5	14.9	74.9
65	13.5	0.0	44.3

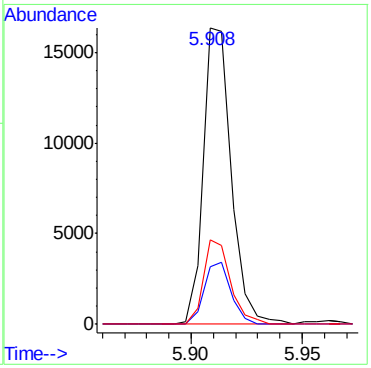


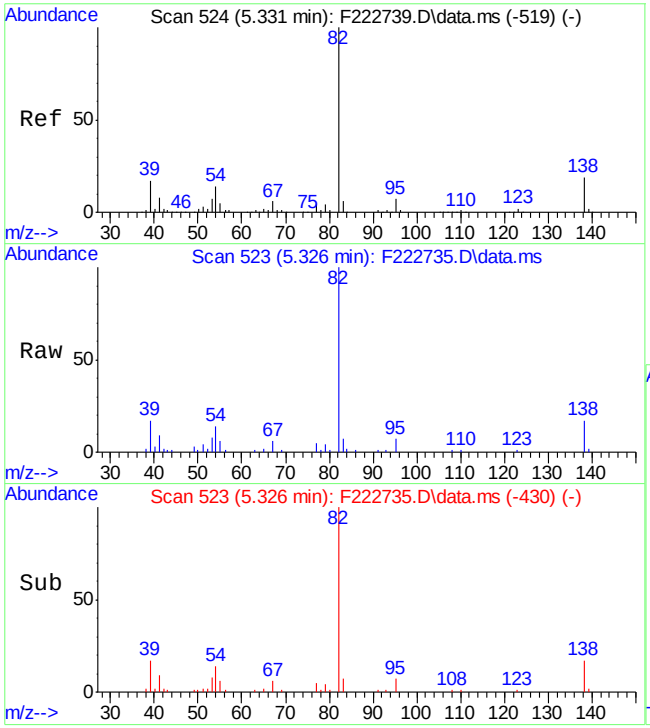


#27
Quinoline
Concen: 4.49 ppm
RT: 5.908 min Scan# 632
Delta R.T. -0.010 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:129 Resp: 14350

Ion	Ratio	Lower	Upper
129	100		
128	19.4	0.0	49.8
102	28.3	0.0	55.7

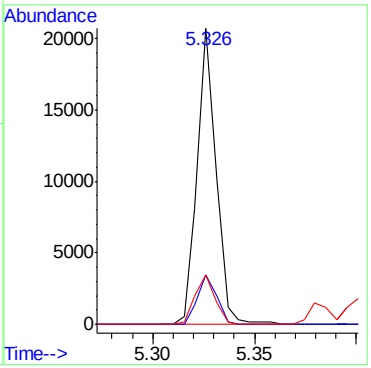


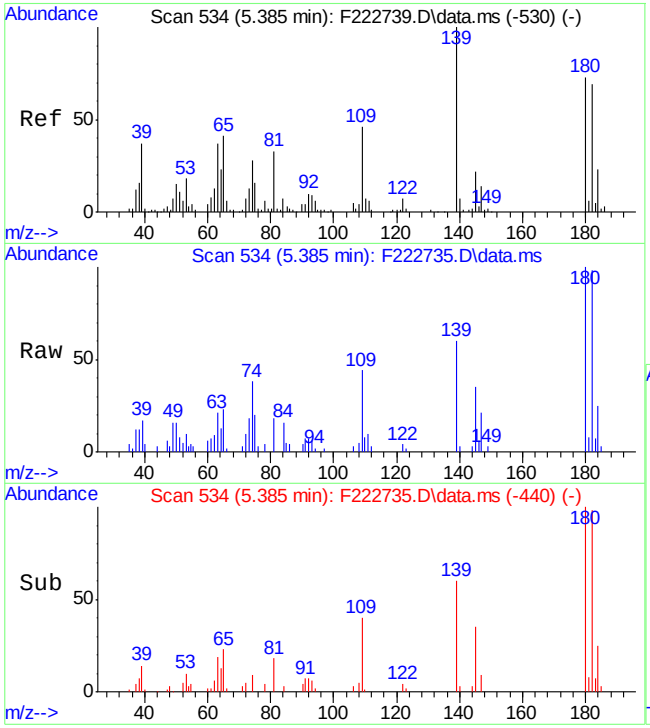


#28
Isophorone
Concen: 4.61 ppm
RT: 5.326 min Scan# 523
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 82 Resp: 13307

Ion	Ratio	Lower	Upper
82	100		
138	16.7	0.0	48.7
39	16.6	0.0	46.7

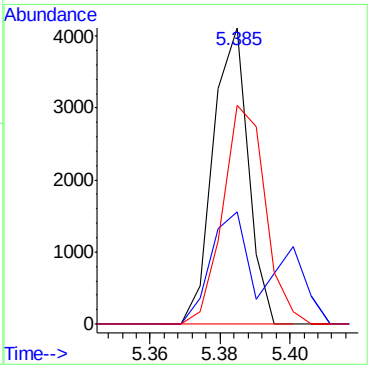


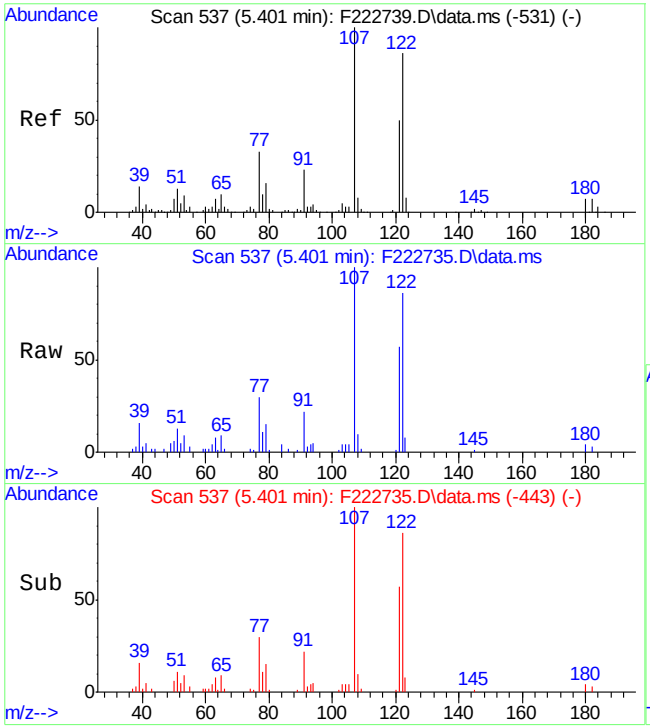


#29
2-Nitrophenol
Concen: 3.67 ppm
RT: 5.385 min Scan# 534
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:139 Resp: 2848

Ion	Ratio	Lower	Upper
139	100		
65	24.8	10.5	70.5
109	71.8	16.1	76.1

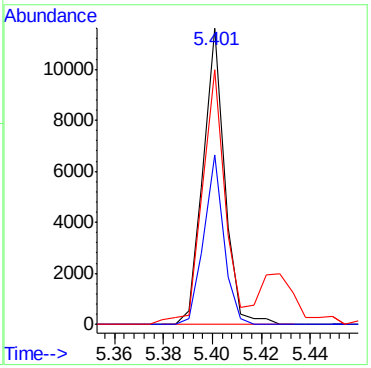


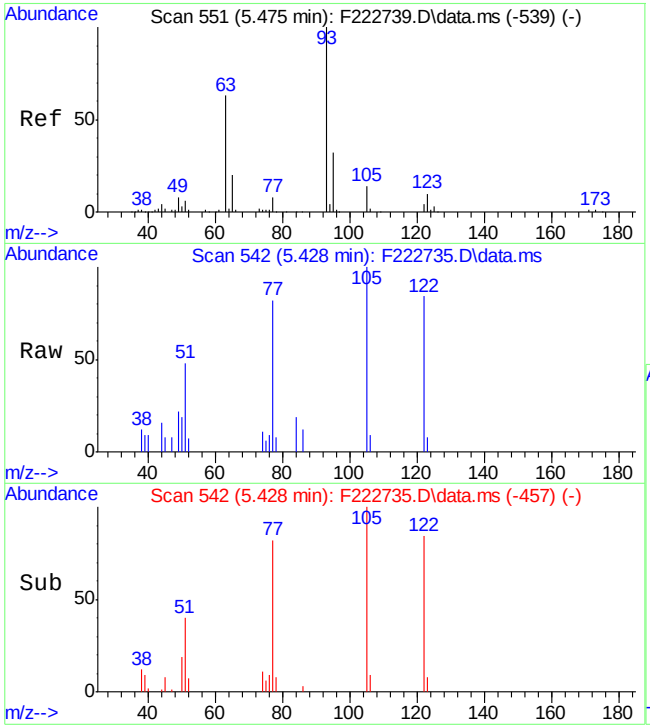


#30
2,4-Dimethylphenol
Concen: 4.35 ppm
RT: 5.401 min Scan# 537
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:107 Resp: 7106

Ion	Ratio	Lower	Upper
107	100		
121	57.3	20.1	80.1
122	79.7	49.3	109.3

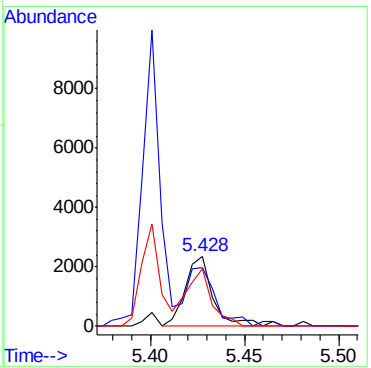


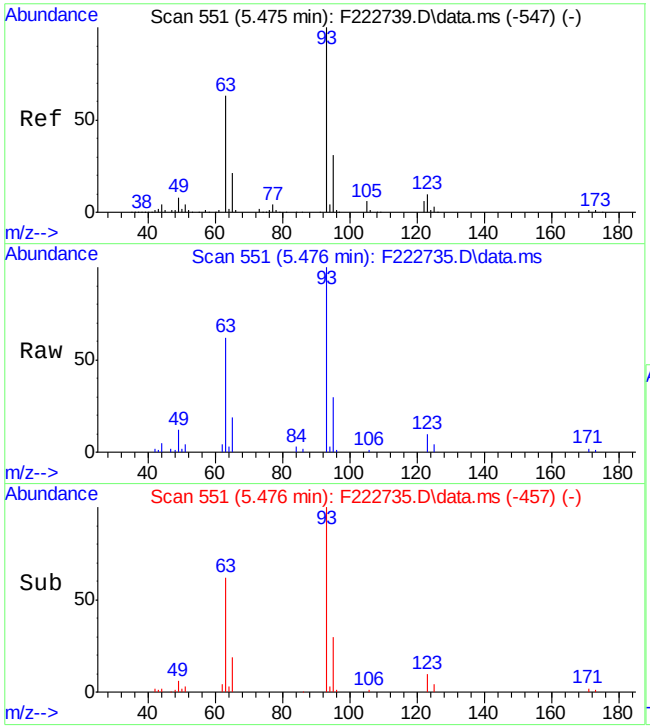


#31
Benzoic acid
Concen: 2.55 ppm
RT: 5.428 min Scan# 542
Delta R.T. -0.048 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:105 Resp: 2406

Ion	Ratio	Lower	Upper
105	100		
122	9.8	28.8	88.8#
77	59.9	34.7	94.7

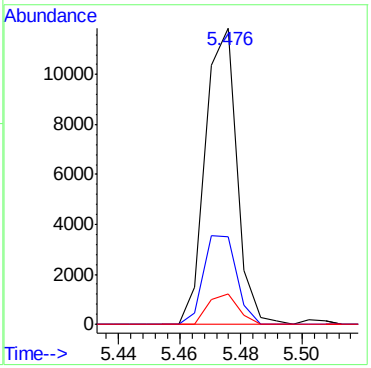


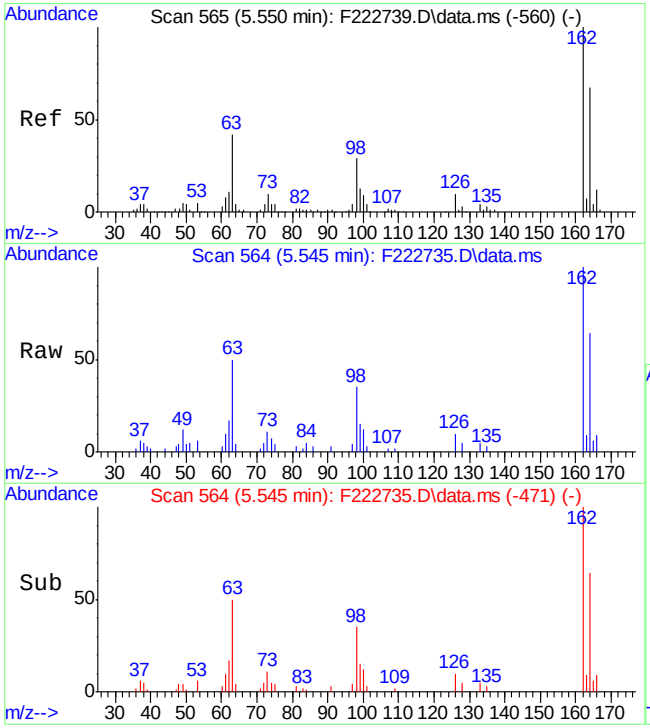


#32
bis(2-Chloroethoxy)methane
Concen: 4.50 ppm
RT: 5.476 min Scan# 551
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 93 Resp: 8433

Ion	Ratio	Lower	Upper
93	100		
95	29.7	1.4	61.4
123	10.2	0.0	40.0

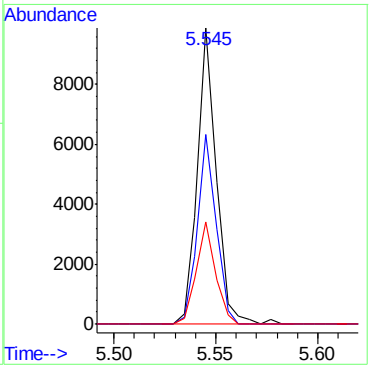


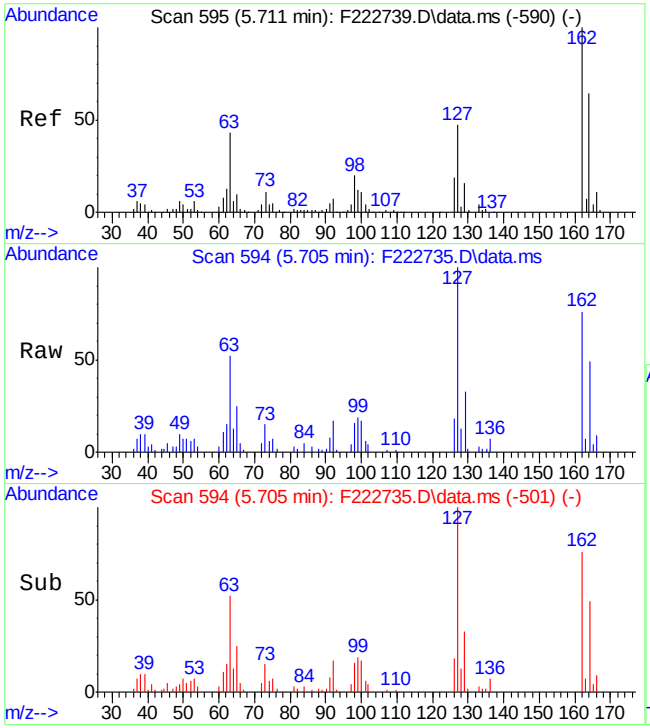


#33
2,4-Dichlorophenol
Concen: 4.39 ppm
RT: 5.545 min Scan# 564
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:162 Resp: 6324

Ion	Ratio	Lower	Upper
162	100		
164	64.1	36.7	96.7
98	34.6	0.0	59.1

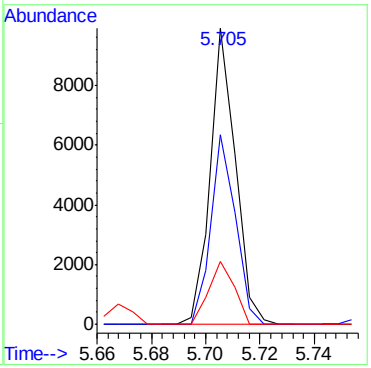


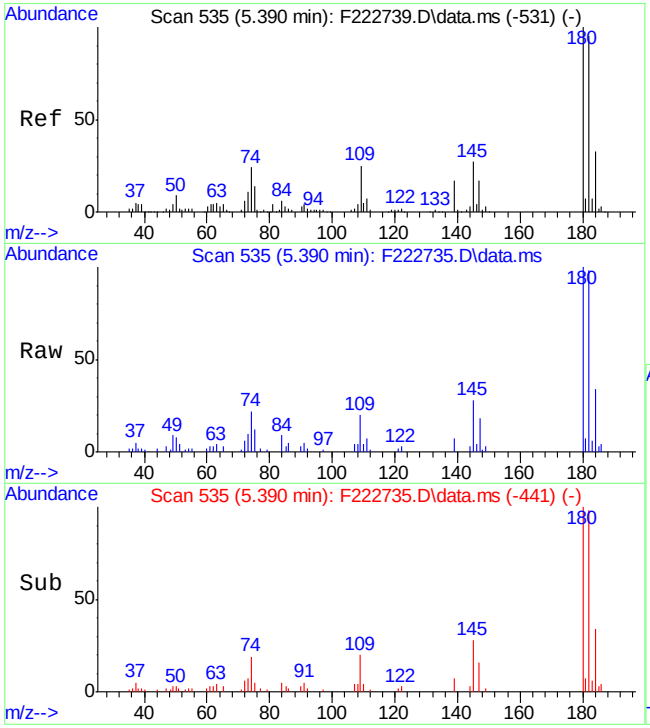


#34
2,6-Dichlorophenol
Concen: 4.31 ppm
RT: 5.705 min Scan# 594
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:162 Resp: 6394

Ion	Ratio	Lower	Upper
162	100		
164	64.0	34.3	94.3
98	21.4	0.0	49.7

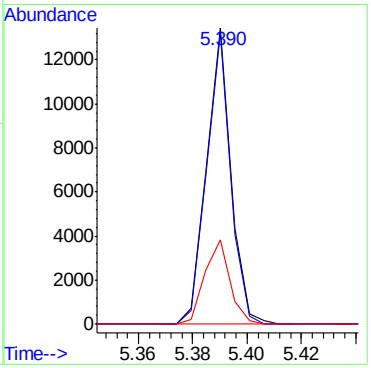


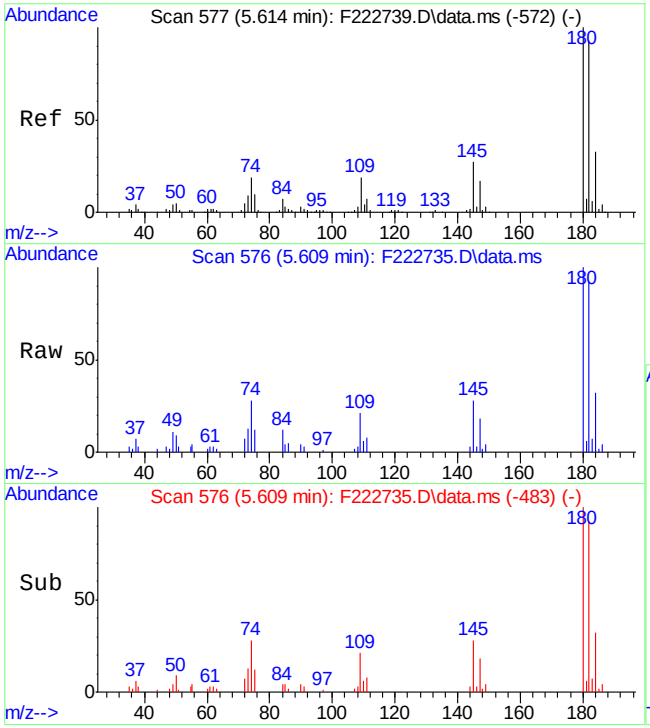


#35
1,3,5-Trichlorobenzene
Concen: 4.54 ppm
RT: 5.390 min Scan# 535
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:180 Resp: 8332

Ion	Ratio	Lower	Upper
180	100		
182	98.5	65.3	125.3
145	28.4	0.0	57.4

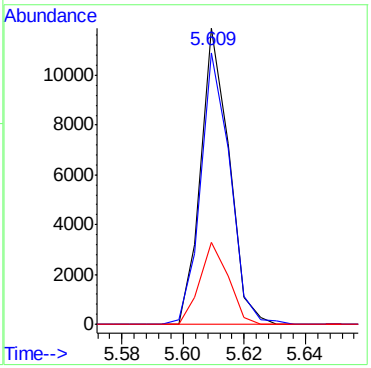


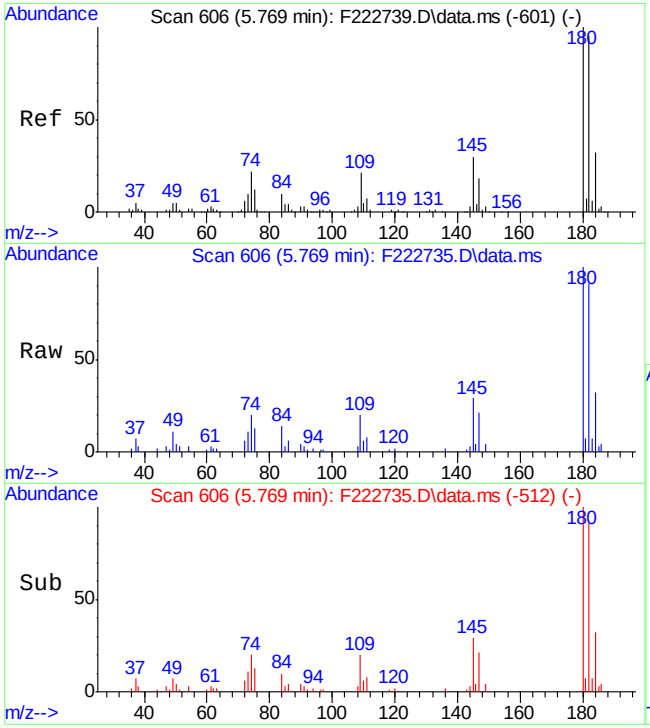


#36
1,2,4-Trichlorobenzene
Concen: 4.42 ppm
RT: 5.609 min Scan# 576
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:180 Resp: 7603

Ion	Ratio	Lower	Upper
180	100		
182	91.6	63.3	123.3
145	27.8	0.0	56.9

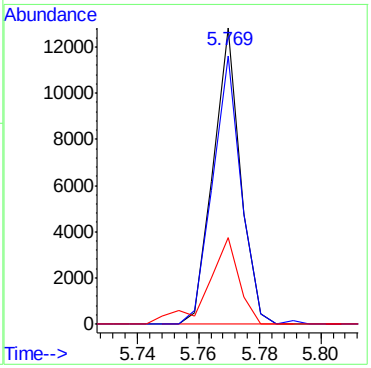


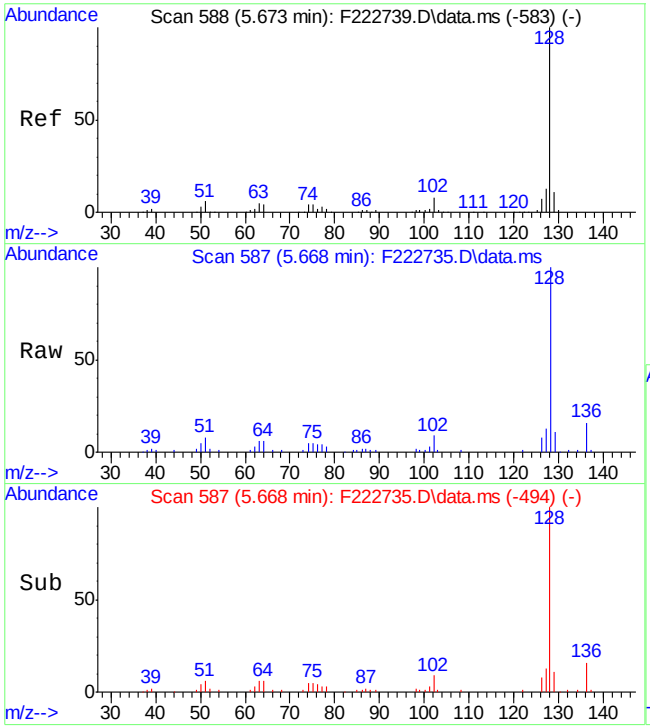


#37
1,2,3-Trichlorobenzene
Concen: 4.48 ppm
RT: 5.769 min Scan# 606
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:180 Resp: 7901

Ion	Ratio	Lower	Upper
180	100		
182	90.0	64.7	124.7
145	28.0	0.0	59.8

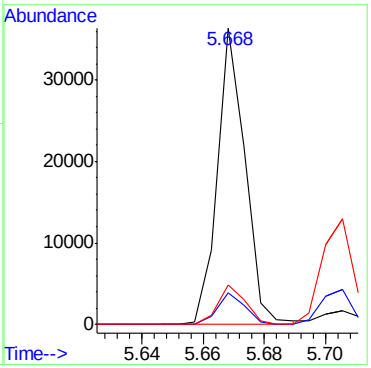


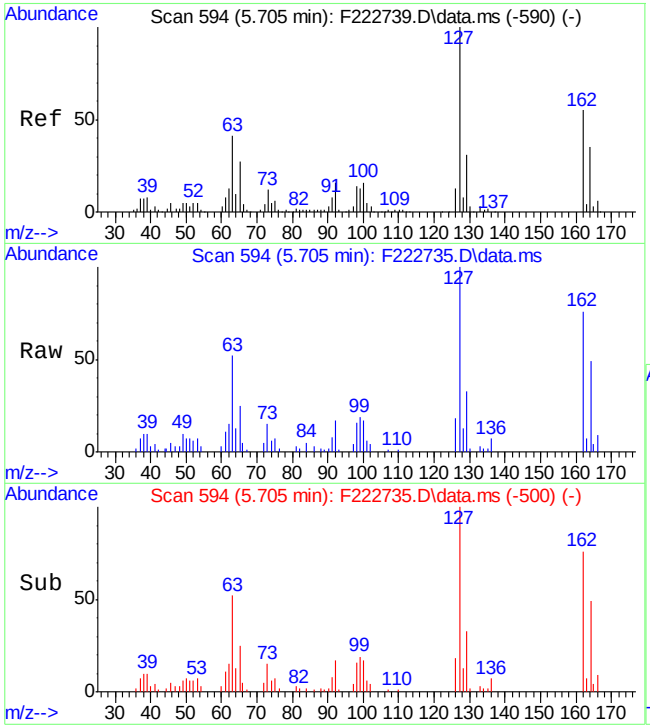


#38
Naphthalene
Concen: 4.69 ppm
RT: 5.668 min Scan# 587
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:128 Resp: 22862

Ion	Ratio	Lower	Upper
128	100		
129	10.9	0.0	40.5
127	13.3	0.0	42.8

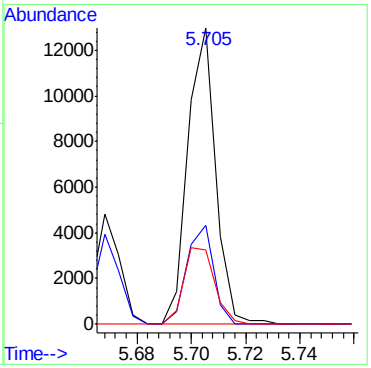


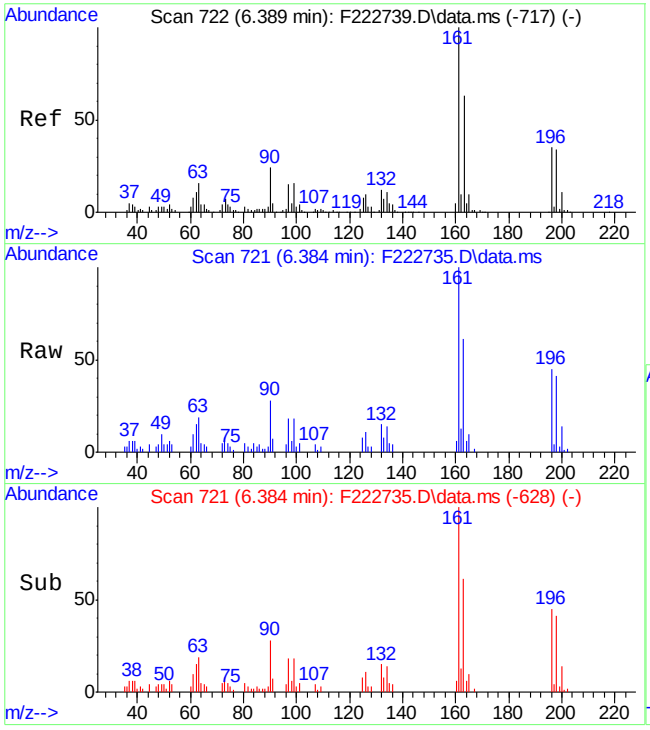


#39
4-Chloroaniline
Concen: 4.34 ppm
RT: 5.705 min Scan# 594
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:127 Resp: 9235

Ion	Ratio	Lower	Upper
127	100		
129	33.4	1.4	61.4
65	25.0	0.0	57.0

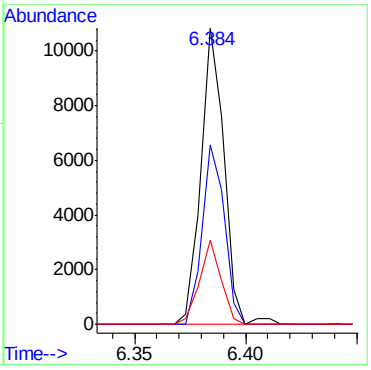


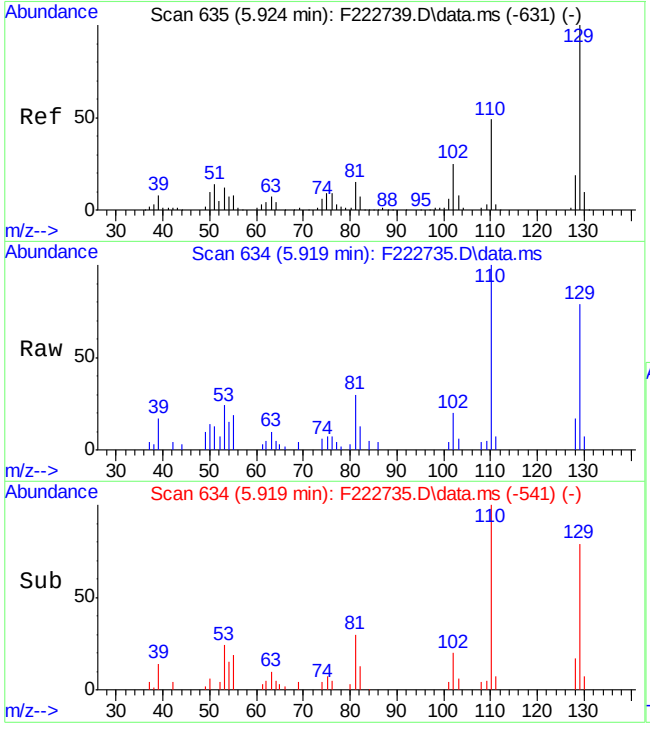


#40
2,3-Dichloroaniline
Concen: 4.53 ppm
RT: 6.384 min Scan# 721
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:161 Resp: 7849

Ion	Ratio	Lower	Upper
161	100		
163	60.8	32.9	92.9
90	28.5	0.0	54.3

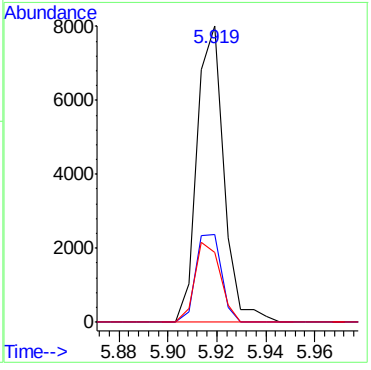


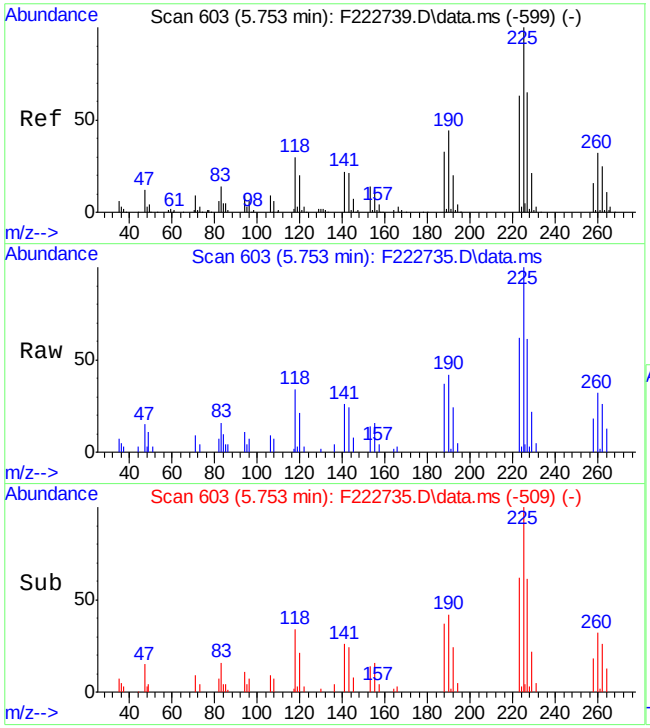


#41
Hydroquinone
Concen: 4.24 ppm
RT: 5.919 min Scan# 634
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:110 Resp: 6087

Ion	Ratio	Lower	Upper
110	100		
81	29.6	0.7	60.7
53	23.6	0.0	54.6

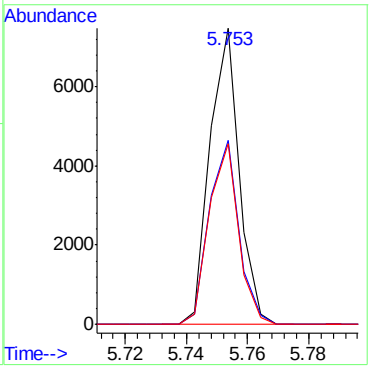


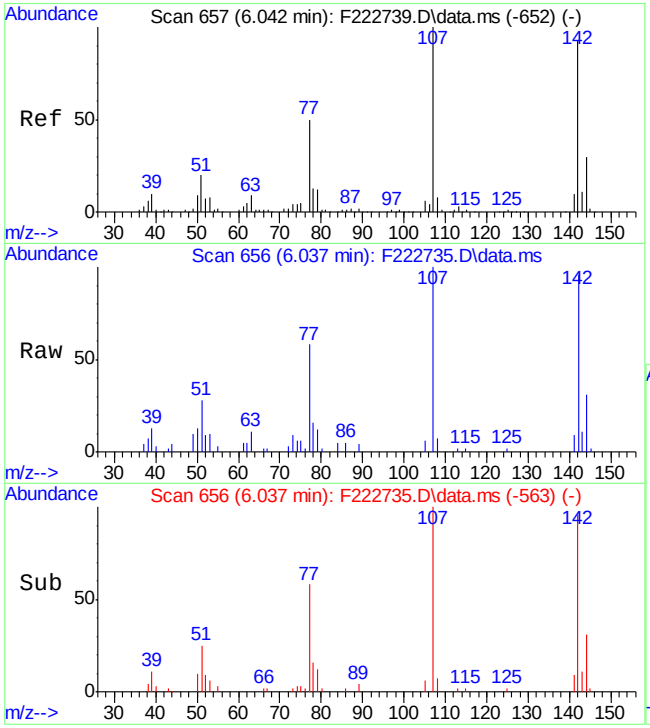


#42
Hexachlorobutadiene
Concen: 4.43 ppm
RT: 5.753 min Scan# 603
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:225 Resp: 4931

Ion	Ratio	Lower	Upper
225	100		
223	62.2	33.1	93.1
227	61.0	35.0	95.0

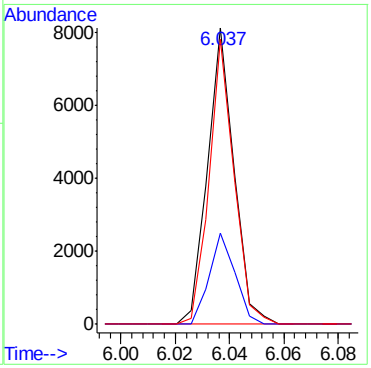


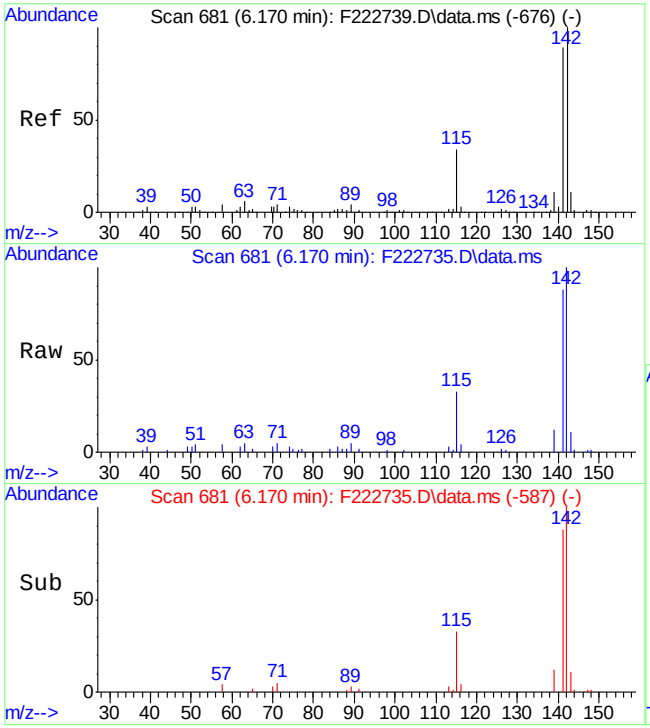


#43
4-Chloro-3-methylphenol
Concen: 4.10 ppm
RT: 6.037 min Scan# 656
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:107 Resp: 5483

Ion	Ratio	Lower	Upper
107	100		
144	30.7	0.0	59.6
142	96.3	62.6	122.6

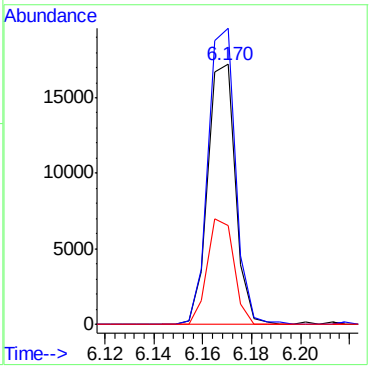


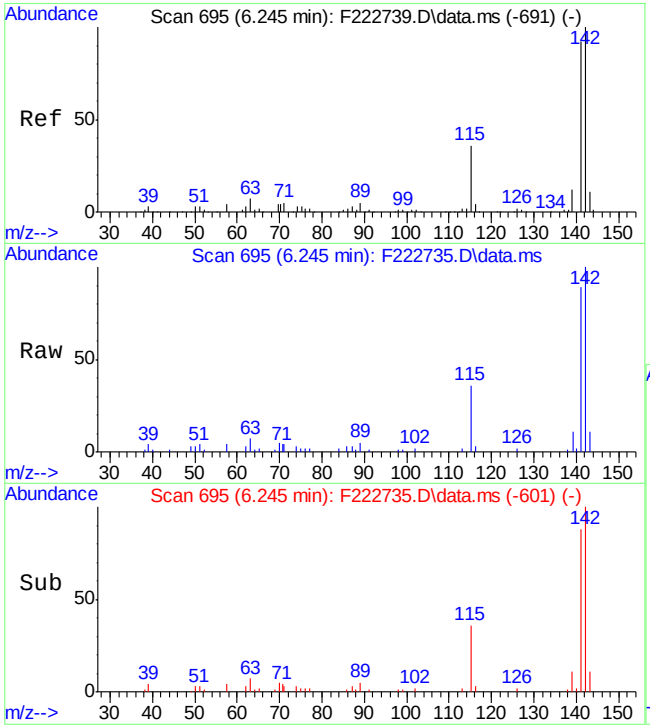


#44
2-Methylnaphthalene
Concen: 4.54 ppm
RT: 6.170 min Scan# 681
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:141 Resp: 13532

Ion	Ratio	Lower	Upper
141	100		
142	114.0	82.0	142.0
115	38.0	8.2	68.2

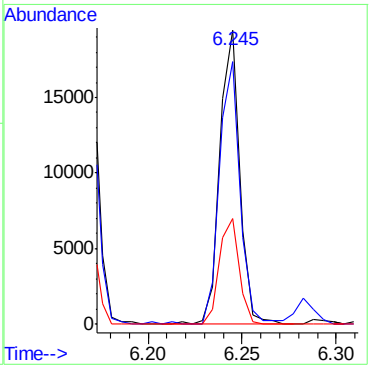


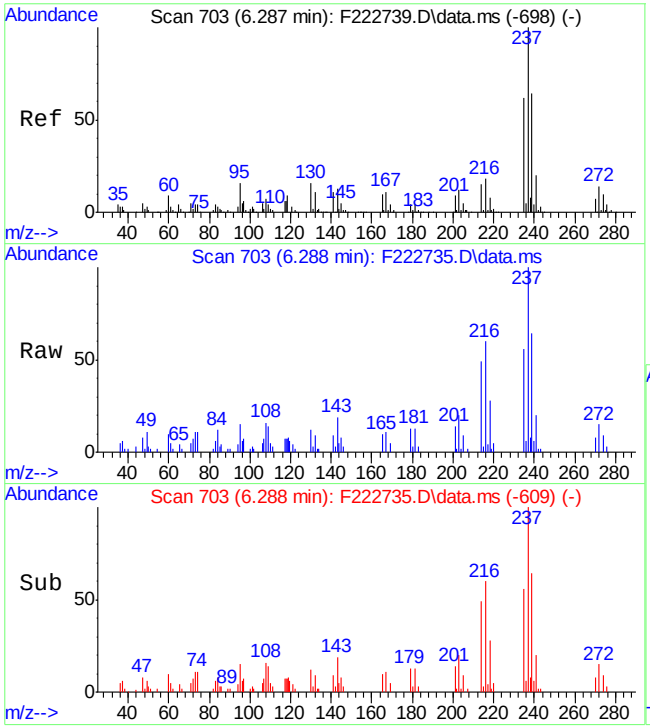


#45
1-Methylnaphthalene
Concen: 4.64 ppm
RT: 6.245 min Scan# 695
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:142 Resp: 14260

Ion	Ratio	Lower	Upper
142	100		
141	87.6	61.5	121.5
115	35.9	5.8	65.8

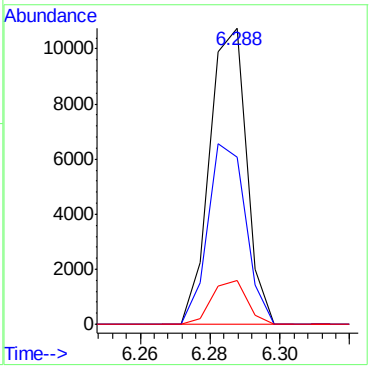


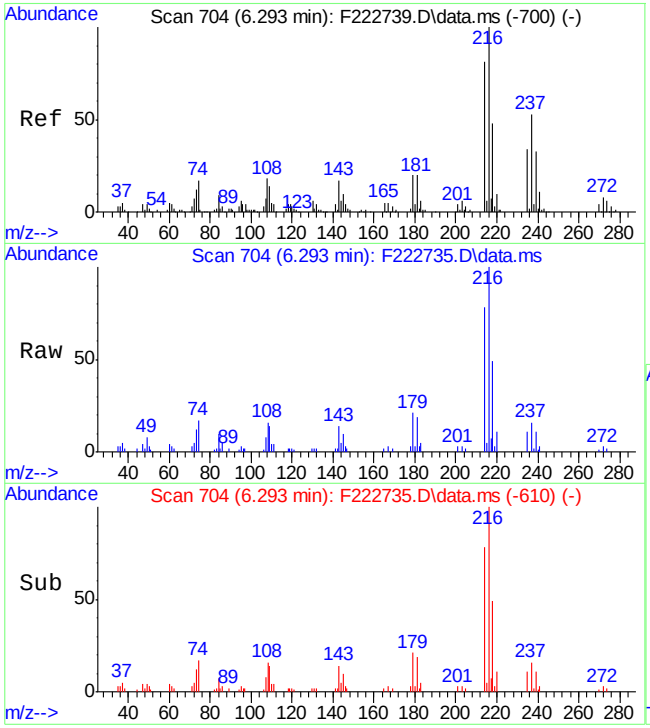


#47
Hexachlorocyclopentadiene
Concen: 7.09 ppm
RT: 6.288 min Scan# 703
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:237 Resp: 7968

Ion	Ratio	Lower	Upper
237	100		
235	56.4	32.2	92.2
272	15.0	0.0	43.6

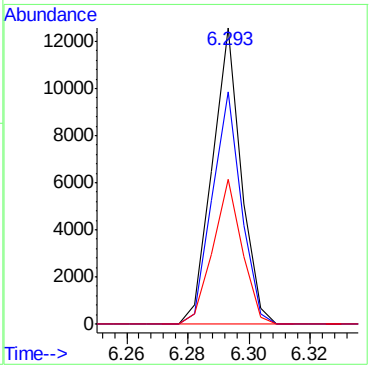


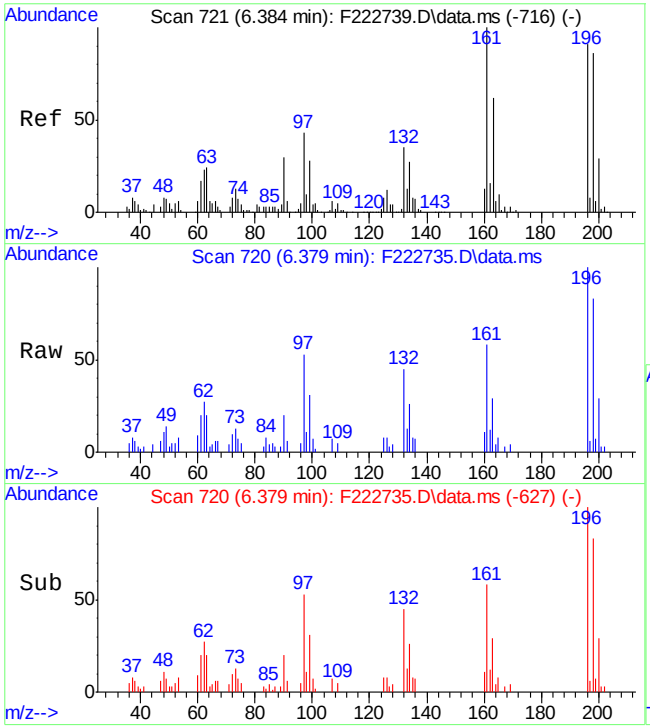


#48
1,2,4,5-tetrachlorobenzene
Concen: 4.31 ppm
RT: 6.293 min Scan# 704
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:216 Resp: 8235

Ion	Ratio	Lower	Upper
216	100		
214	78.4	55.4	103.0
218	49.7	33.4	62.0

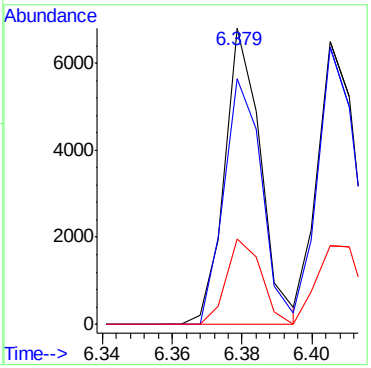


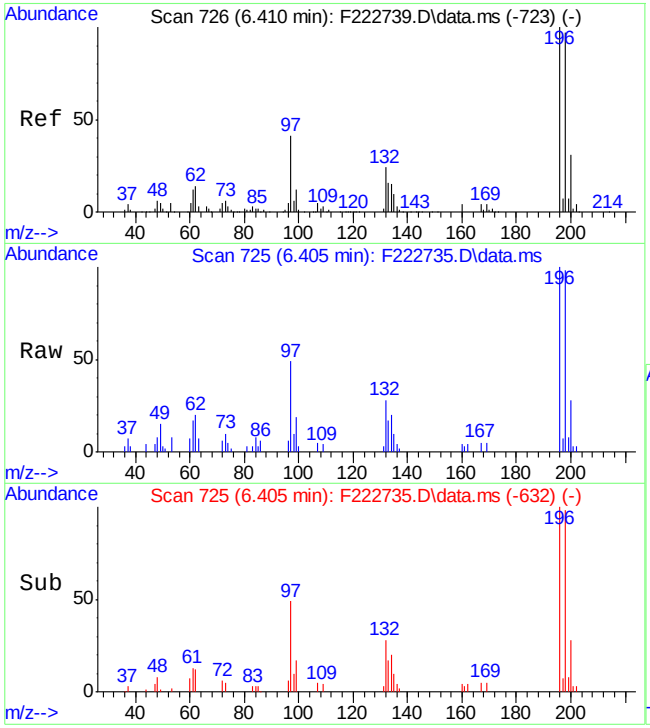


#49
2,4,6-Trichlorophenol
Concen: 4.21 ppm
RT: 6.379 min Scan# 720
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:196 Resp: 4869

Ion	Ratio	Lower	Upper
196	100		
198	83.5	64.2	124.2
200	29.8	2.2	62.2

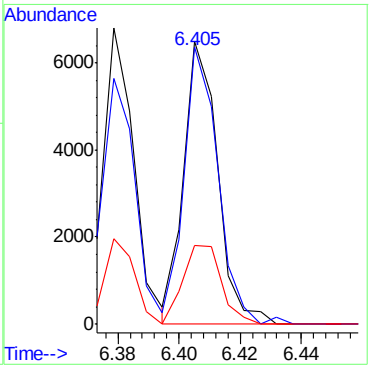


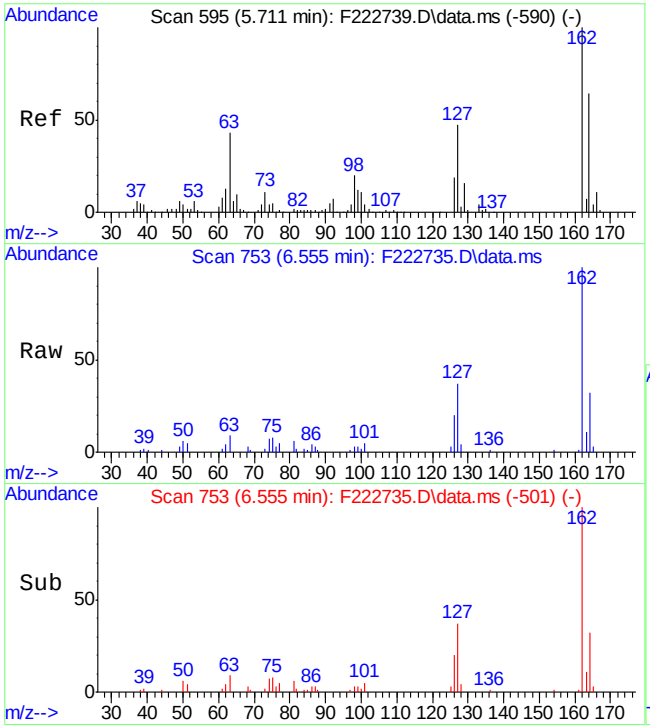


#50
2,4,5-Trichlorophenol
Concen: 3.84 ppm
RT: 6.405 min Scan# 725
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:196 Resp: 5001

Ion	Ratio	Lower	Upper
196	100		
198	99.3	67.0	127.0
200	28.6	1.2	61.2

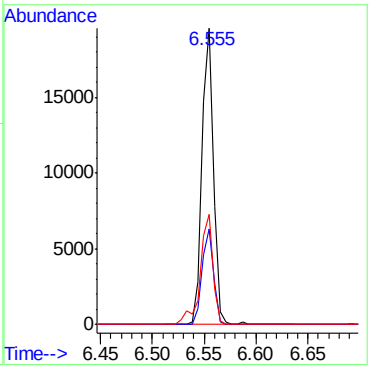


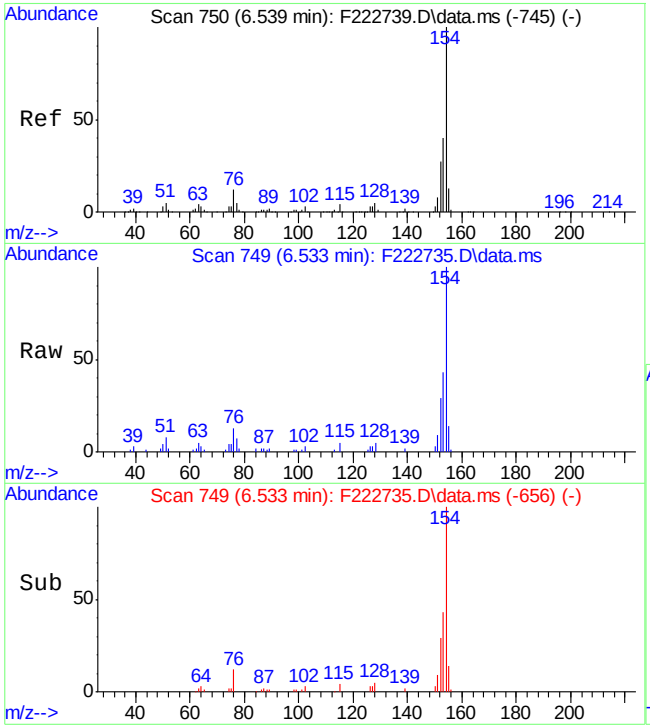


#52
2-Chloronaphthalene
Concen: 10.04 ppm m
RT: 6.555 min Scan# 753
Delta R.T. 0.844 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:162 Resp: 14874

Ion	Ratio	Lower	Upper
162	100		
164	32.2	34.3	94.3#
127	37.1	16.9	76.9

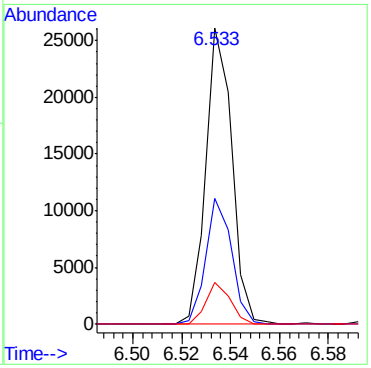


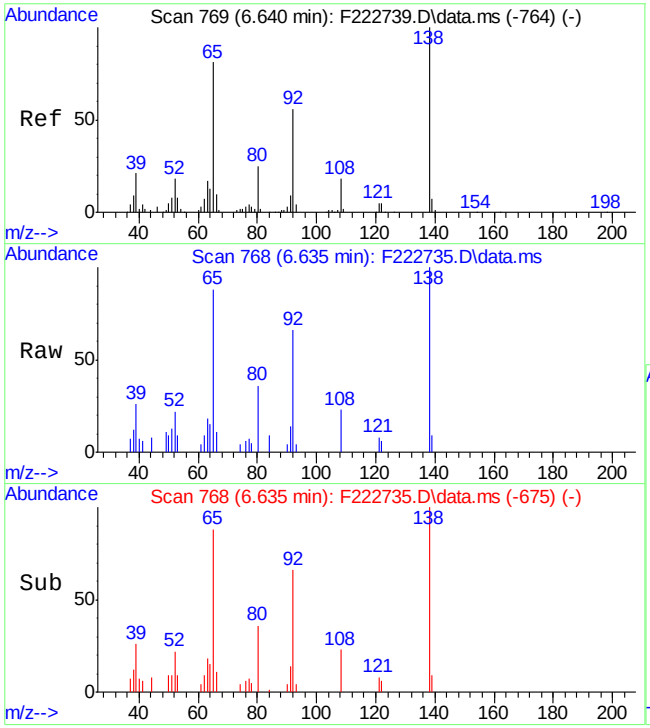


#53
Biphenyl
Concen: 4.49 ppm
RT: 6.533 min Scan# 749
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:154 Resp: 19257

Ion	Ratio	Lower	Upper
154	100		
153	42.6	9.8	69.8
155	14.2	0.0	42.7

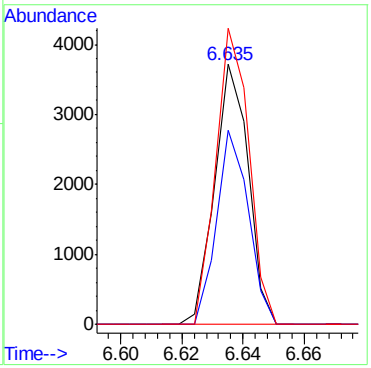


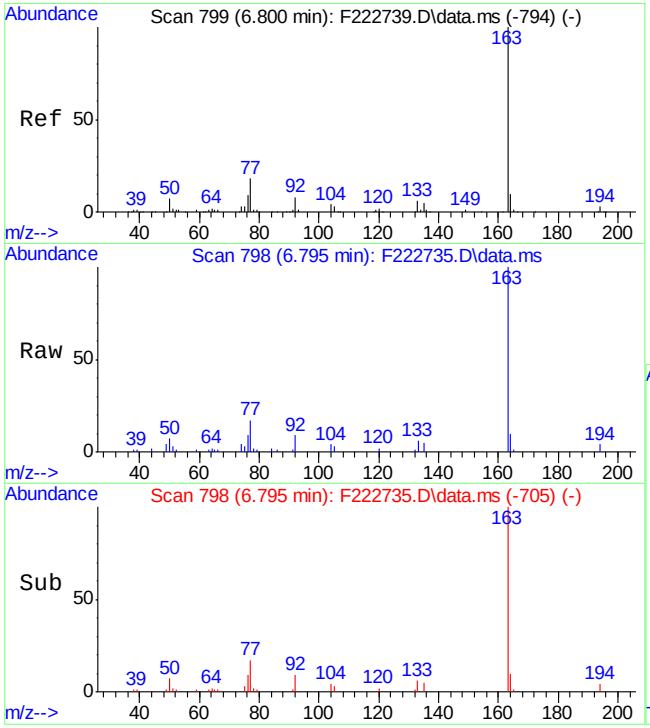


#54
2-Nitroaniline
Concen: 3.58 ppm
RT: 6.635 min Scan# 768
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 65 Resp: 2845

Ion	Ratio	Lower	Upper
65	100		
92	74.8	38.6	98.6
138	113.8	93.5	153.5

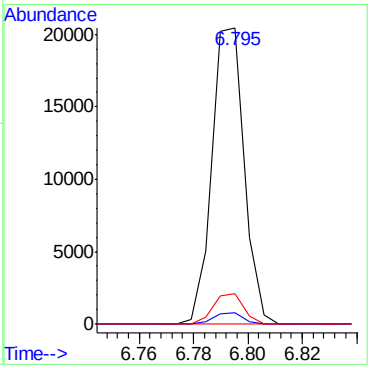


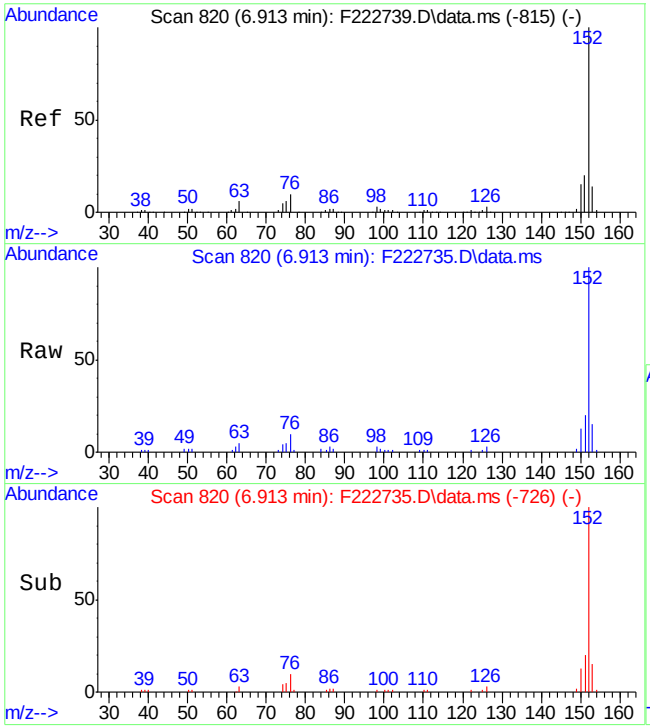


#55
Dimethylphthalate
Concen: 4.59 ppm
RT: 6.795 min Scan# 798
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:163 Resp: 16864

Ion	Ratio	Lower	Upper
163	100		
194	3.8	0.0	33.4
164	10.2	0.0	40.3

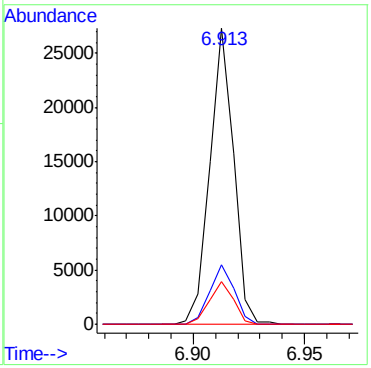


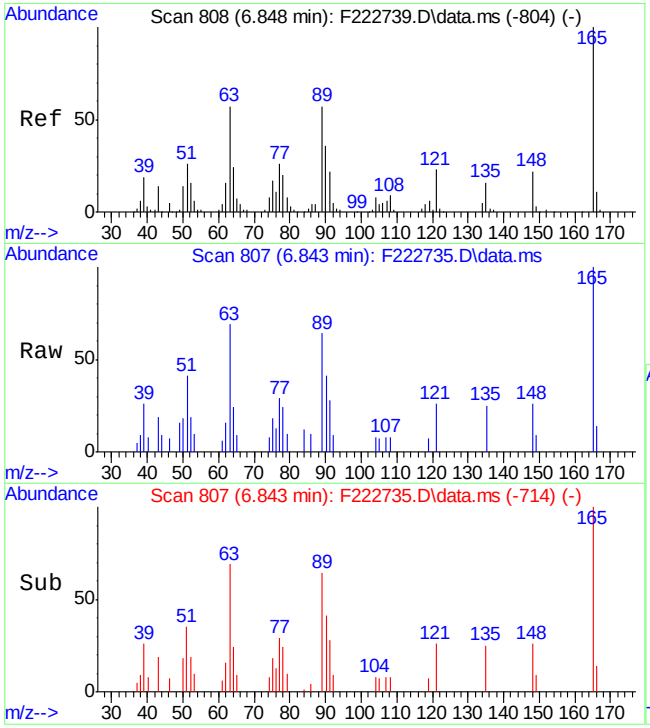


#56
Acenaphthylene
Concen: 4.34 ppm
RT: 6.913 min Scan# 820
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:152 Resp: 20463

Ion	Ratio	Lower	Upper
152	100		
151	20.1	0.0	49.9
153	14.5	0.0	43.5

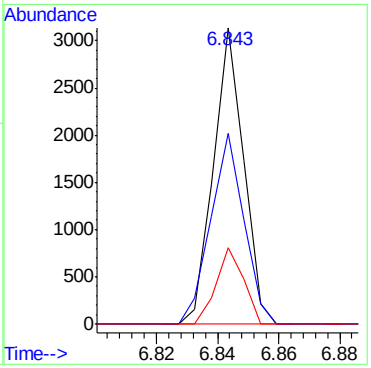


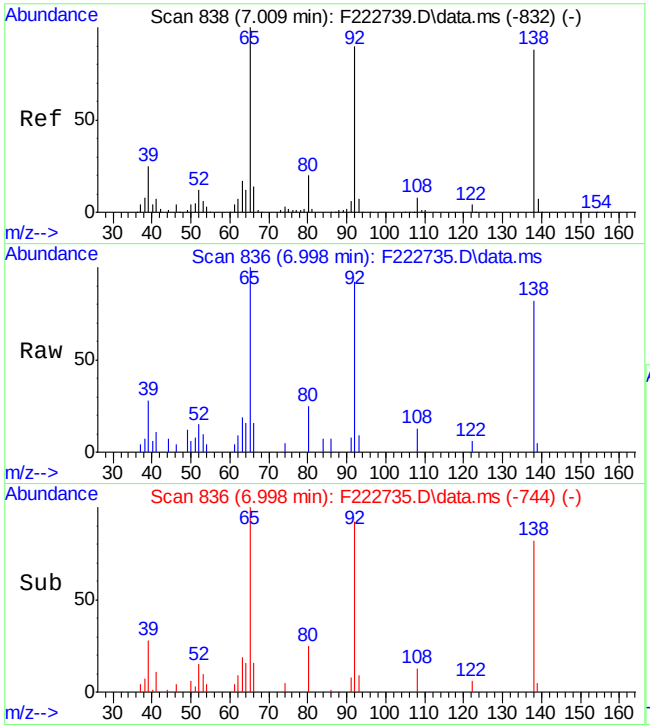


#57
2,6-Dinitrotoluene
Concen: 3.07 ppm
RT: 6.843 min Scan# 807
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:165 Resp: 2151

Ion	Ratio	Lower	Upper
165	100		
89	64.4	27.1	87.1
121	25.6	0.0	52.5

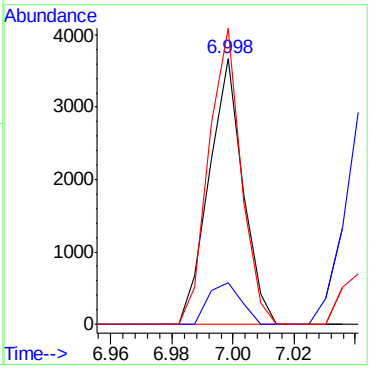


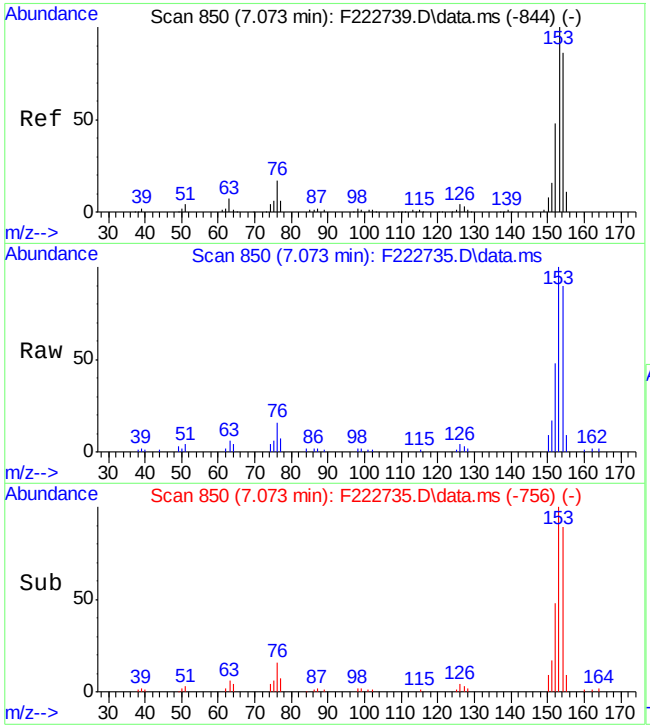


#58
3-Nitroaniline
Concen: 3.37 ppm
RT: 6.998 min Scan# 836
Delta R.T. -0.010 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:138 Resp: 2825

Ion	Ratio	Lower	Upper
138	100		
108	15.7	0.0	37.0
92	111.2	72.1	132.1

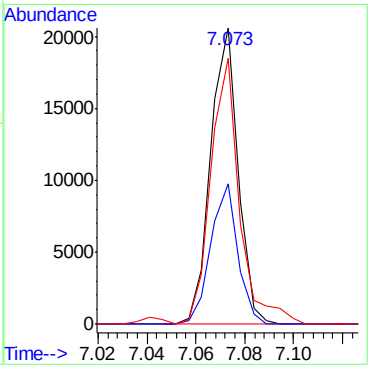


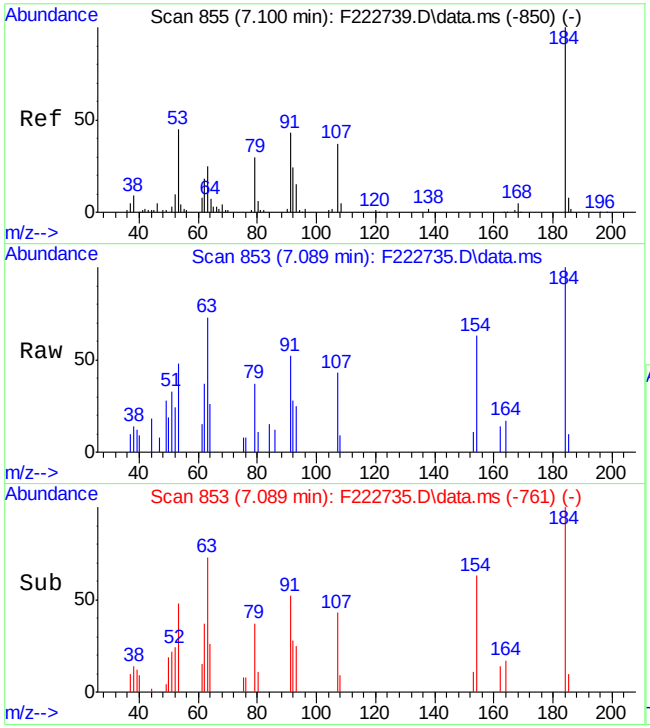


#59
Acenaphthene
Concen: 4.64 ppm
RT: 7.073 min Scan# 850
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:153 Resp: 16075

Ion	Ratio	Lower	Upper
153	100		
152	47.5	17.5	77.5
154	87.8	49.9	109.9

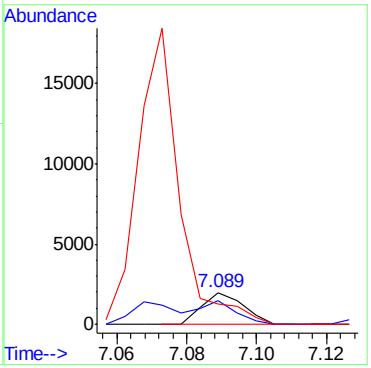


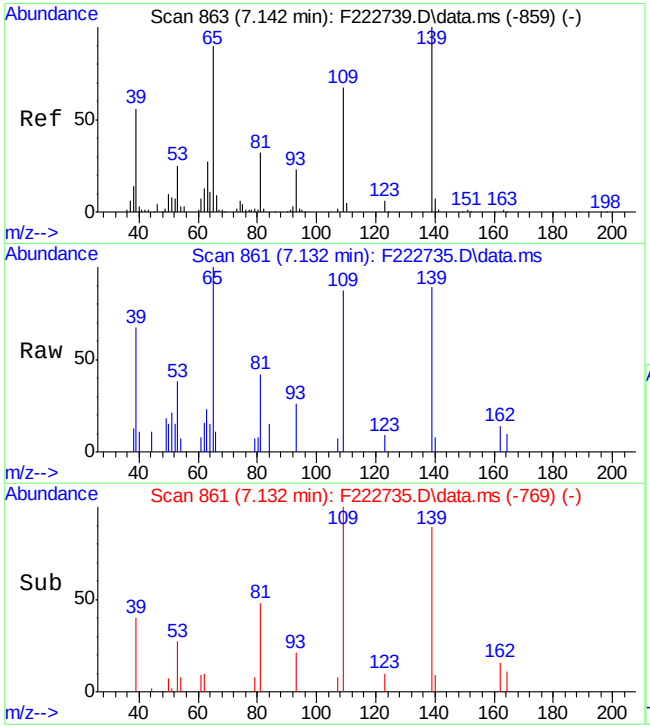


#60
2,4-Dinitrophenol
Concen: 4.33 ppm
RT: 7.089 min Scan# 853
Delta R.T. -0.011 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:184 Resp: 1627

Ion	Ratio	Lower	Upper
184	100		
63	43.1	4.1	64.1
154	0.0	0.0	30.0

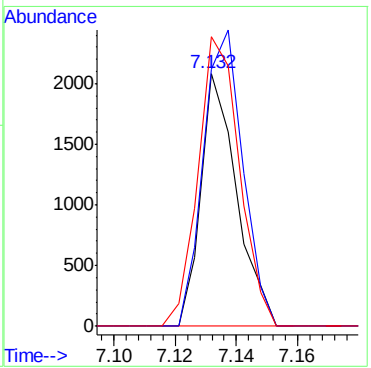


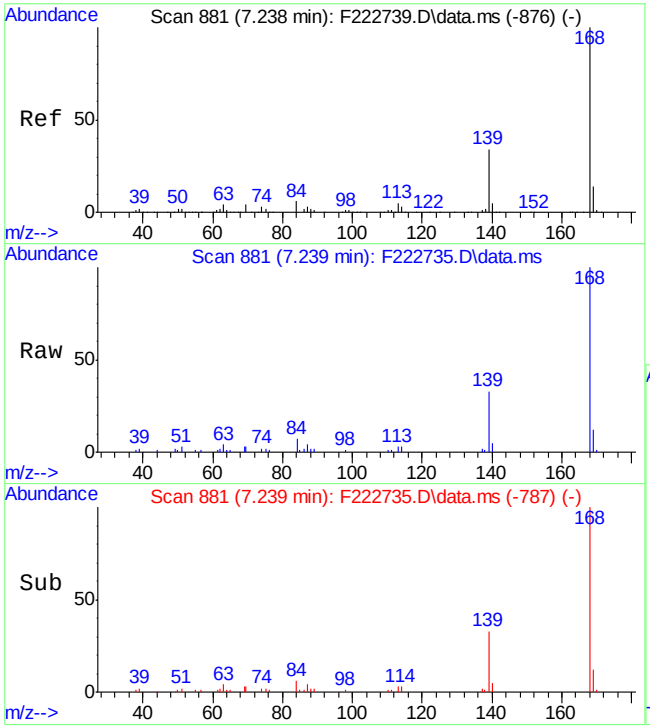


#61
4-Nitrophenol
Concen: 3.53 ppm
RT: 7.132 min Scan# 861
Delta R.T. -0.011 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:109 Resp: 1687

Ion	Ratio	Lower	Upper
109	100		
139	101.6	119.2	179.2#
65	114.3	104.1	164.1

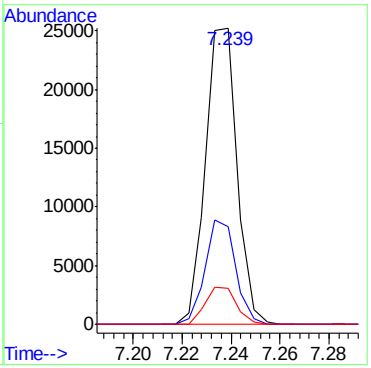


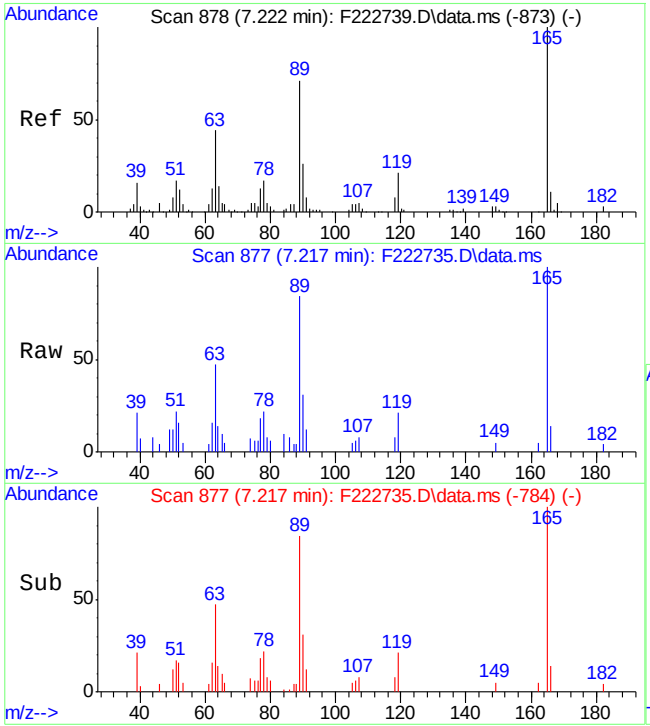


#62
Dibenzofuran
Concen: 4.61 ppm
RT: 7.239 min Scan# 881
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:168 Resp: 22661

Ion	Ratio	Lower	Upper
168	100		
139	33.1	4.3	64.3
169	12.3	0.0	43.5

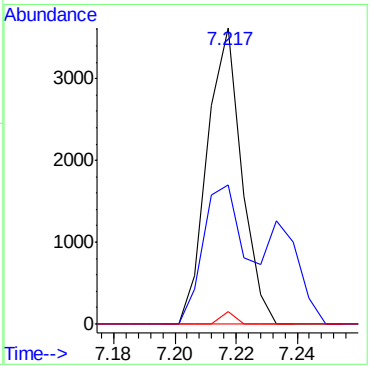


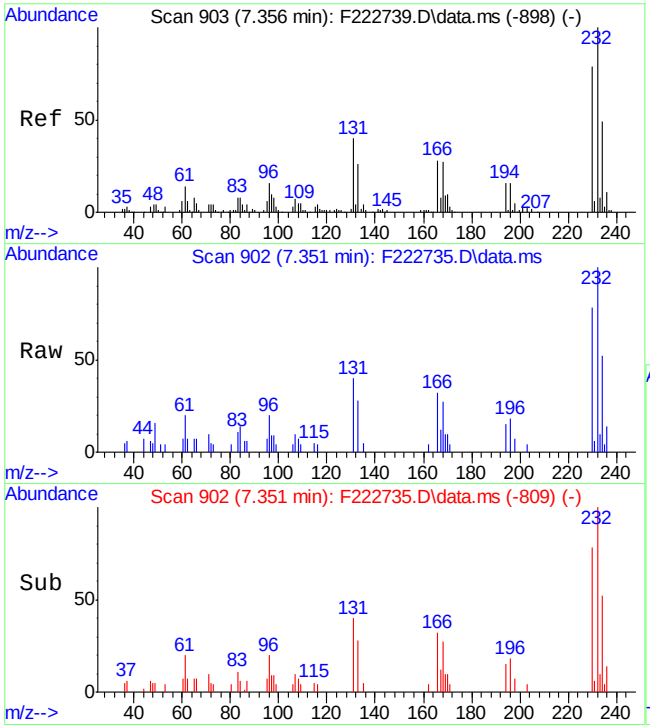


#63
2,4-Dinitrotoluene
Concen: 2.82 ppm
RT: 7.217 min Scan# 877
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:165 Resp: 2821

Ion	Ratio	Lower	Upper
165	100		
63	33.2	13.5	73.5
182	4.4	0.0	33.0

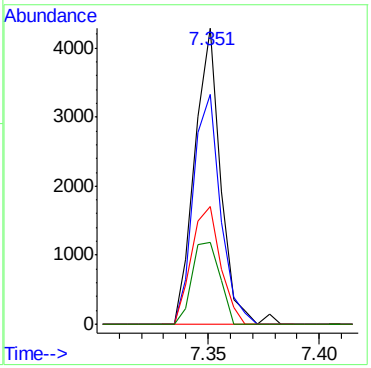


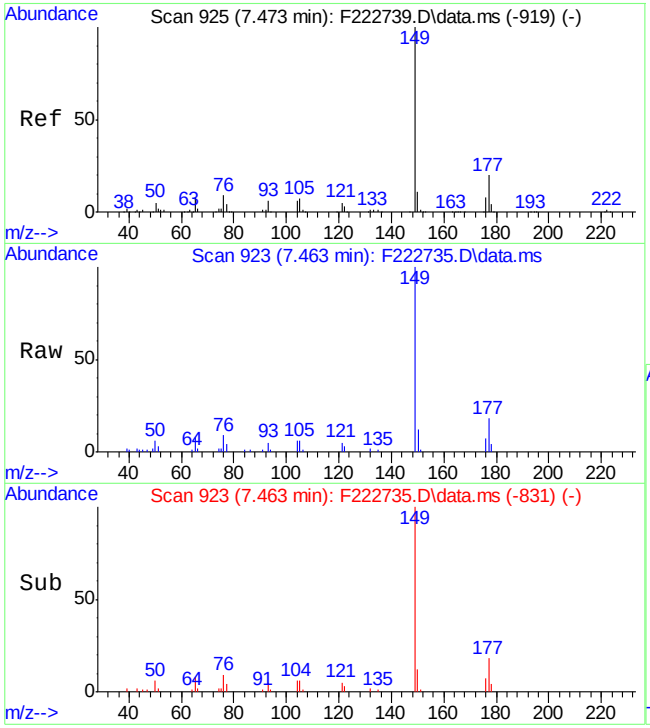


#64
2,3,4,6-Tetrachlorophenol
Concen: 3.51 ppm
RT: 7.351 min Scan# 902
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:232 Resp: 3480

Ion	Ratio	Lower	Upper
232	100		
230	77.8	49.1	109.1
131	39.9	9.6	69.6
133	27.5	0.0	55.9

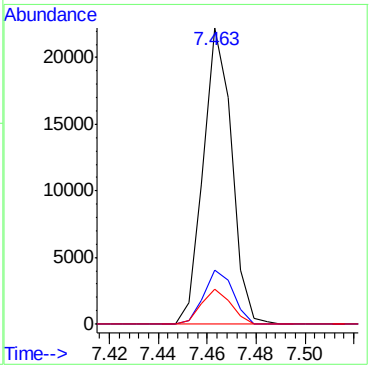


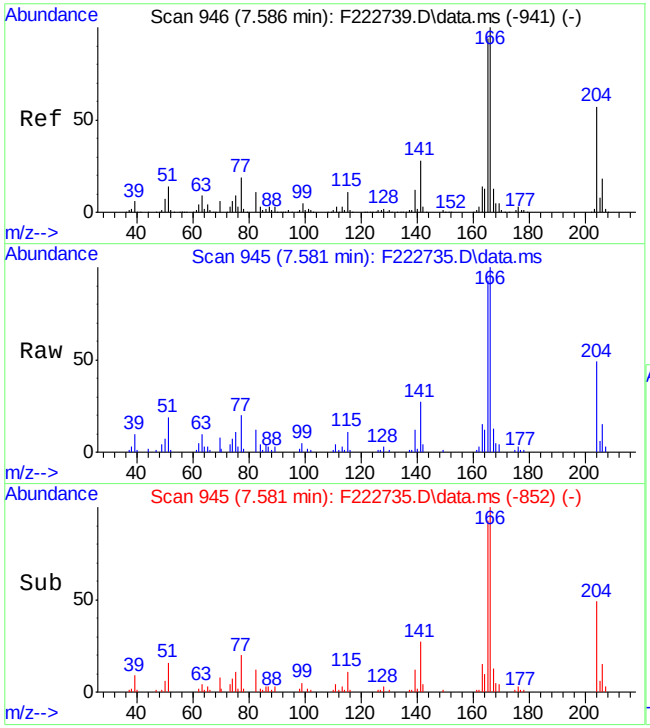


#65
Diethylphthalate
Concen: 4.64 ppm
RT: 7.463 min Scan# 923
Delta R.T. -0.010 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:149 Resp: 17939

Ion	Ratio	Lower	Upper
149	100		
177	18.2	0.0	50.0
150	11.8	0.0	41.3

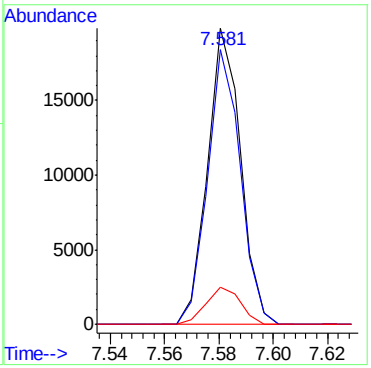


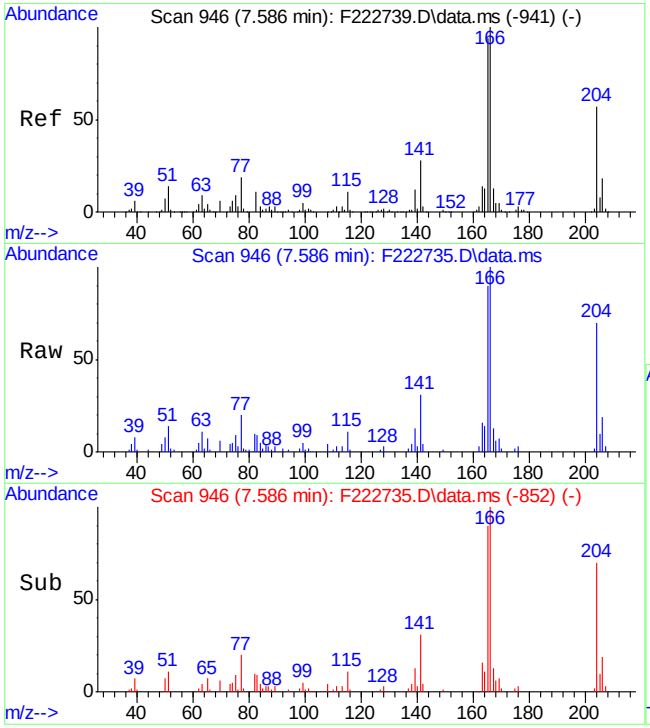


#66
Fluorene
Concen: 4.26 ppm
RT: 7.581 min Scan# 945
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:166 Resp: 16663

Ion	Ratio	Lower	Upper
166	100		
165	92.7	63.9	123.9
167	12.7	0.0	43.3

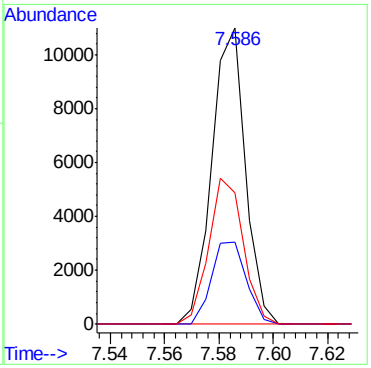




#67
4-Chlorophenyl-phenylether
Concen: 4.58 ppm
RT: 7.586 min Scan# 946
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

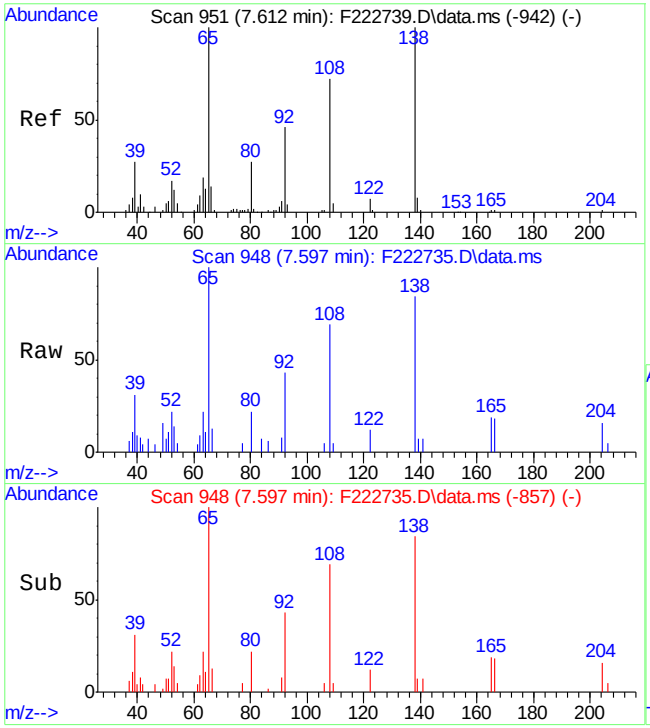
Tgt Ion:204 Resp: 9395

Ion	Ratio	Lower	Upper
204	100		
206	27.6	1.1	61.1
141	44.4	19.4	79.4



7.6.24

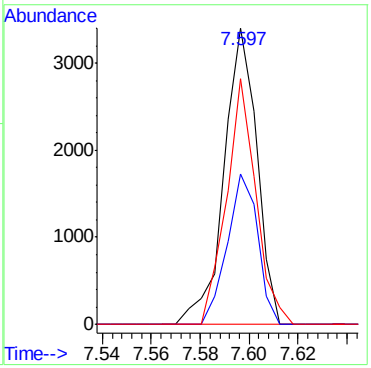
7

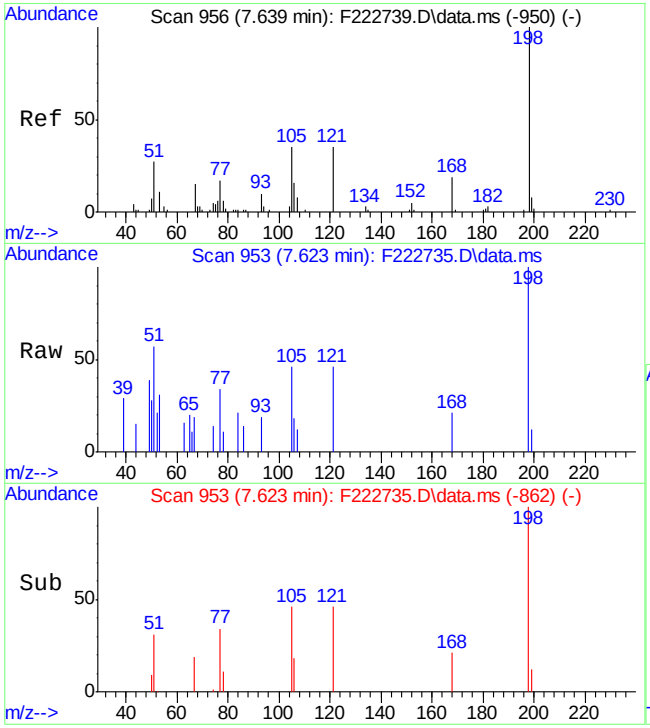


#68
4-Nitroaniline
Concen: 3.50 ppm
RT: 7.597 min Scan# 948
Delta R.T. -0.016 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:138 Resp: 3203

Ion	Ratio	Lower	Upper
138	100		
92	50.8	15.6	75.6
108	82.8	42.0	102.0

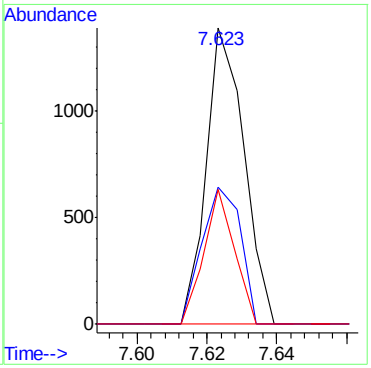


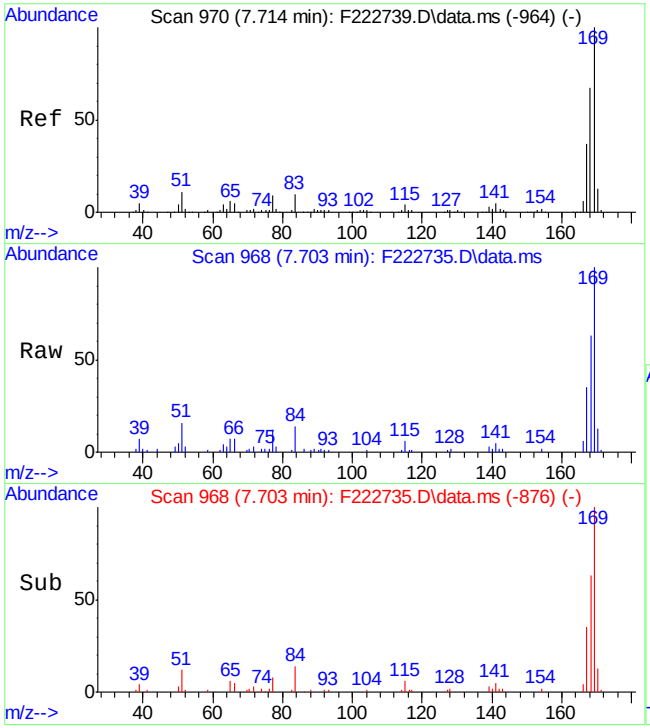


#70
4,6-Dinitro-2-methylphenol
Concen: 2.21 ppm
RT: 7.623 min Scan# 953
Delta R.T. -0.016 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:198 Resp: 1044

Ion	Ratio	Lower	Upper
198	100		
105	46.4	5.1	65.1
121	45.5	4.9	64.9

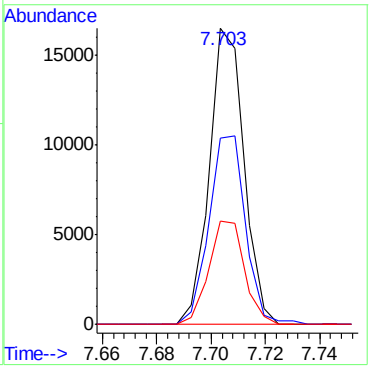


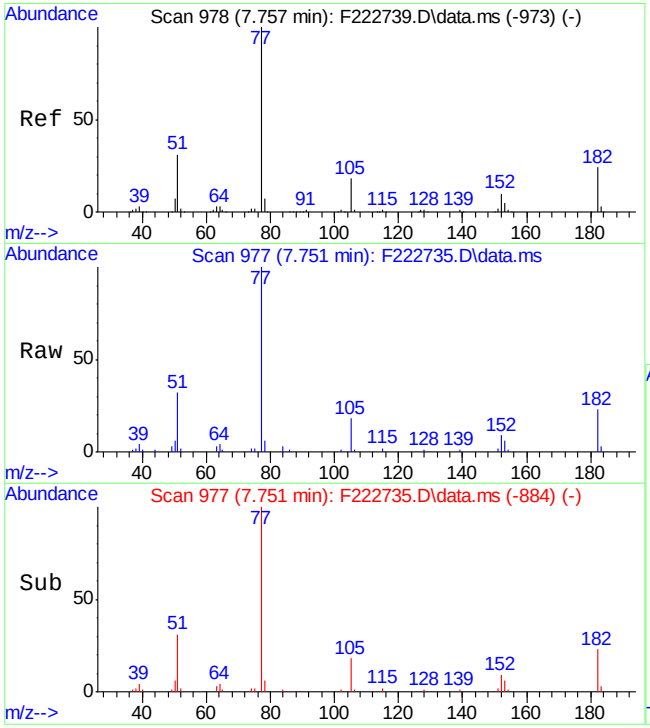


#71
n-Nitrosodiphenylamine
Concen: 4.43 ppm
RT: 7.703 min Scan# 968
Delta R.T. -0.010 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:169 Resp: 14557

Ion	Ratio	Lower	Upper
169	100		
168	62.5	36.8	96.8
167	34.9	6.9	66.9

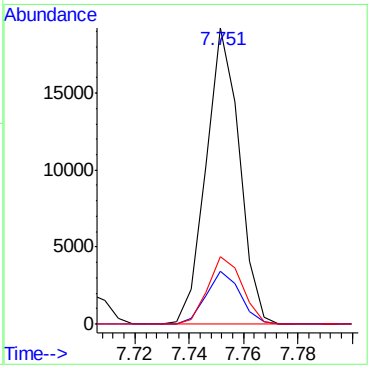


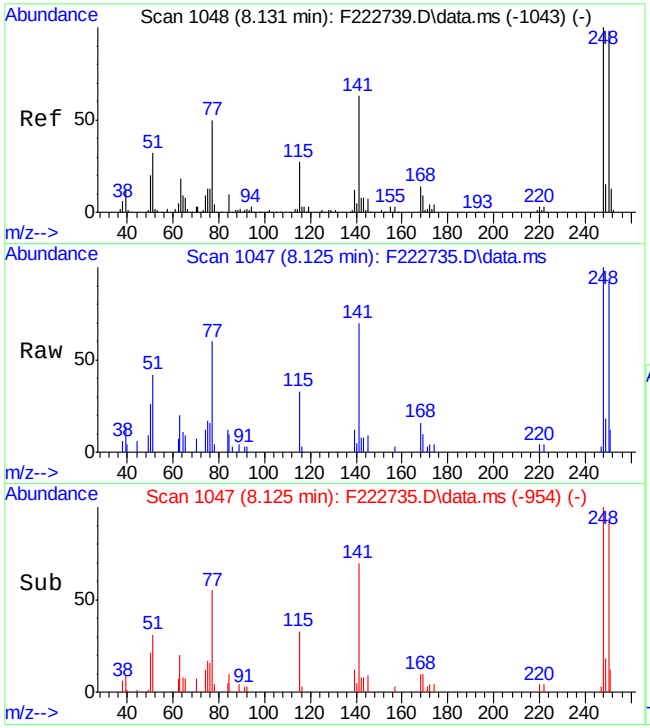


#72
1,2-Diphenylhydrazine
Concen: 4.83 ppm
RT: 7.751 min Scan# 977
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 77 Resp: 16288

Ion	Ratio	Lower	Upper
77	100		
105	17.8	0.0	48.0
182	22.9	0.0	54.0

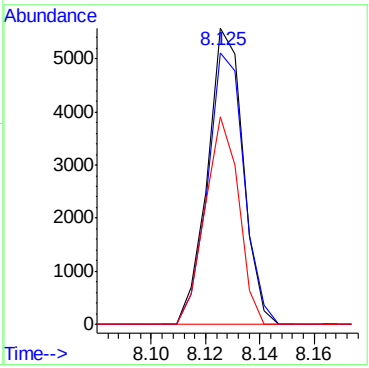


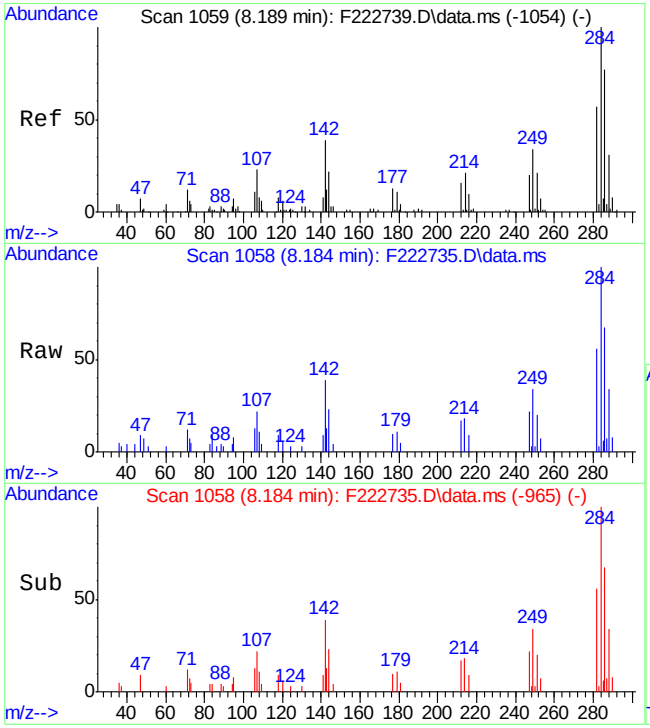


#74
4-Bromophenyl-phenylether
Concen: 4.31 ppm
RT: 8.125 min Scan# 1047
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:248 Resp: 5041

Ion	Ratio	Lower	Upper
248	100		
250	91.6	68.5	128.5
141	70.0	33.3	93.3

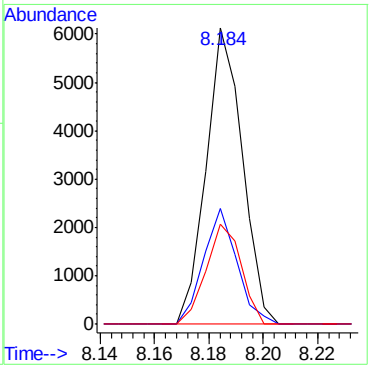


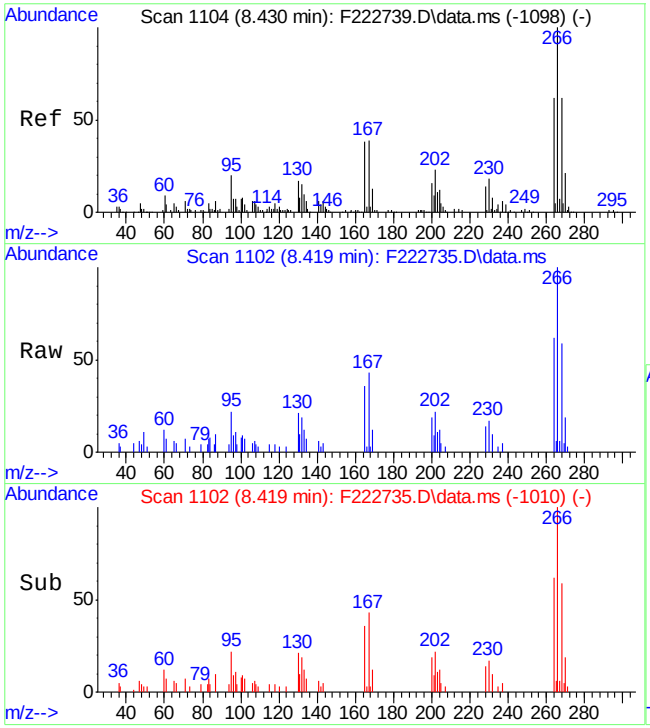


#75
Hexachlorobenzene
Concen: 4.51 ppm
RT: 8.184 min Scan# 1058
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:284 Resp: 5635

Ion	Ratio	Lower	Upper
284	100		
142	38.9	8.8	68.8
249	33.9	4.3	64.3

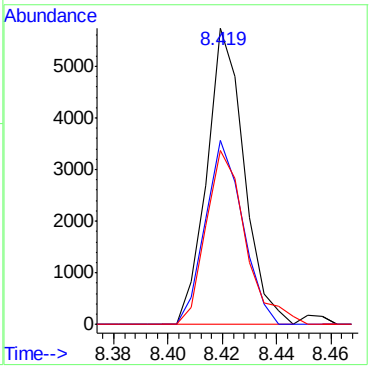


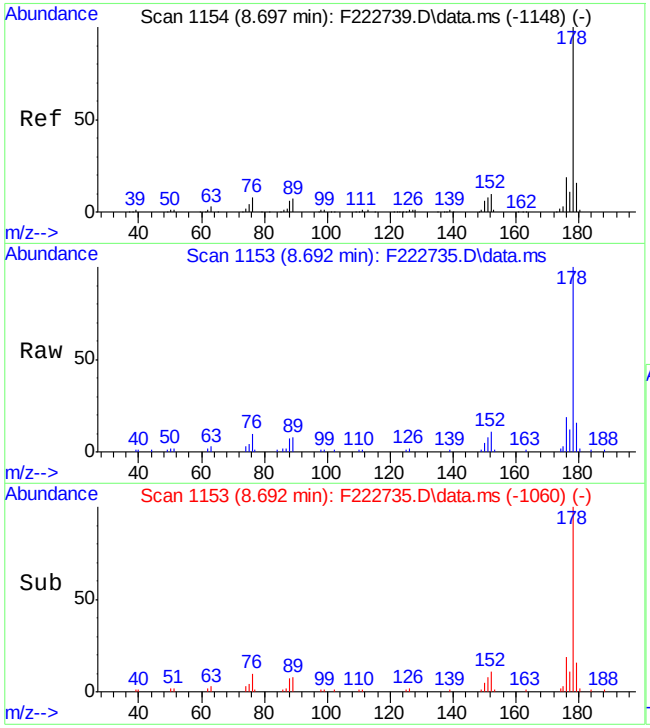


#76
Pentachlorophenol
Concen: 6.50 ppm
RT: 8.419 min Scan# 1102
Delta R.T. -0.011 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:266 Resp: 5440

Ion	Ratio	Lower	Upper
266	100		
264	62.0	31.7	91.7
268	57.5	32.1	92.1

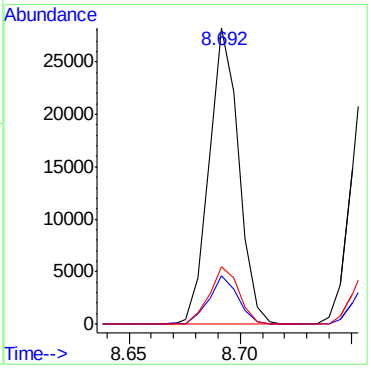


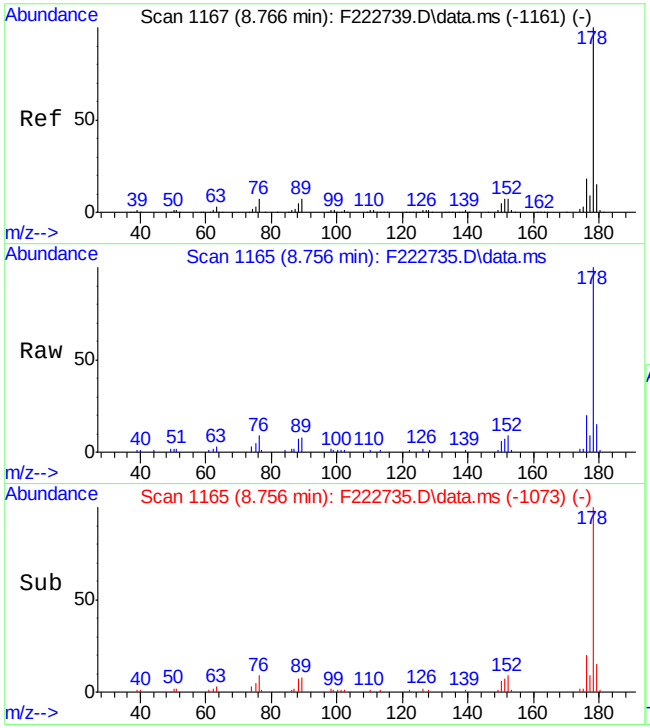


#77
Phenanthrene
Concen: 4.64 ppm
RT: 8.692 min Scan# 1153
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:178 Resp: 26228

Ion	Ratio	Lower	Upper
178	100		
179	16.4	0.0	45.6
176	19.5	0.0	49.0

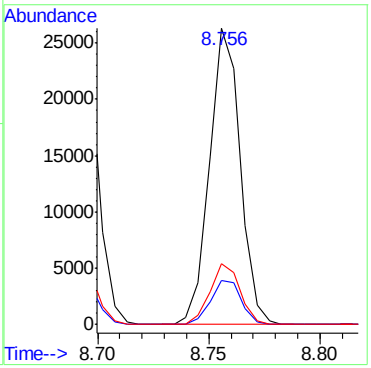


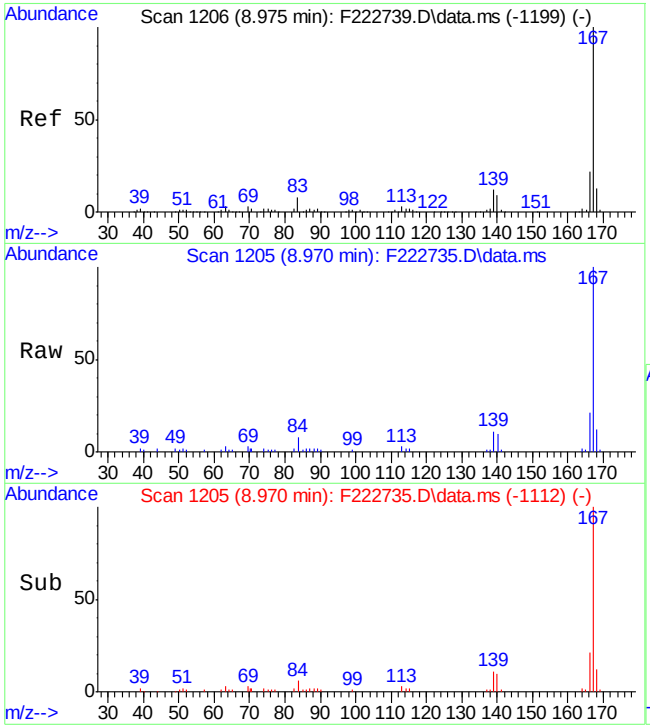


#78
Anthracene
Concen: 4.39 ppm
RT: 8.756 min Scan# 1165
Delta R.T. -0.010 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:178 Resp: 25353

Ion	Ratio	Lower	Upper
178	100		
179	14.8	0.0	45.1
176	20.4	0.0	48.4

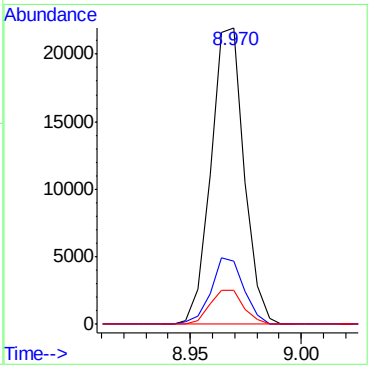


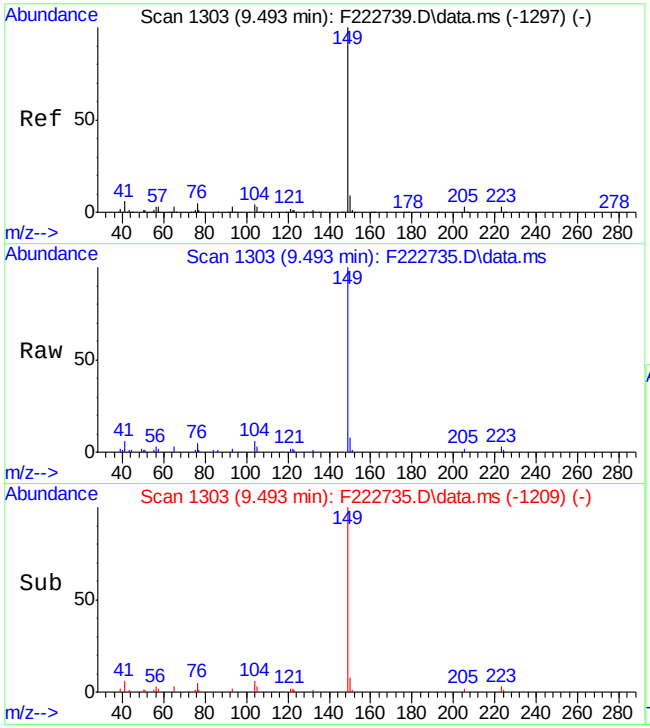


#79
Carbazole
Concen: 4.24 ppm
RT: 8.970 min Scan# 1205
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:167 Resp: 22862

Ion	Ratio	Lower	Upper
167	100		
166	21.2	0.0	51.7
139	11.4	0.0	41.9

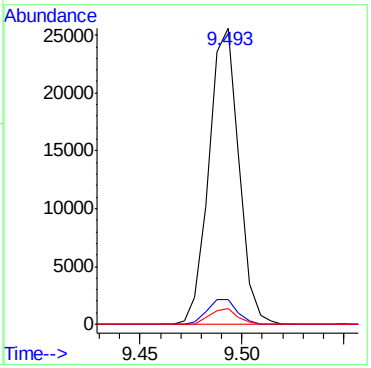


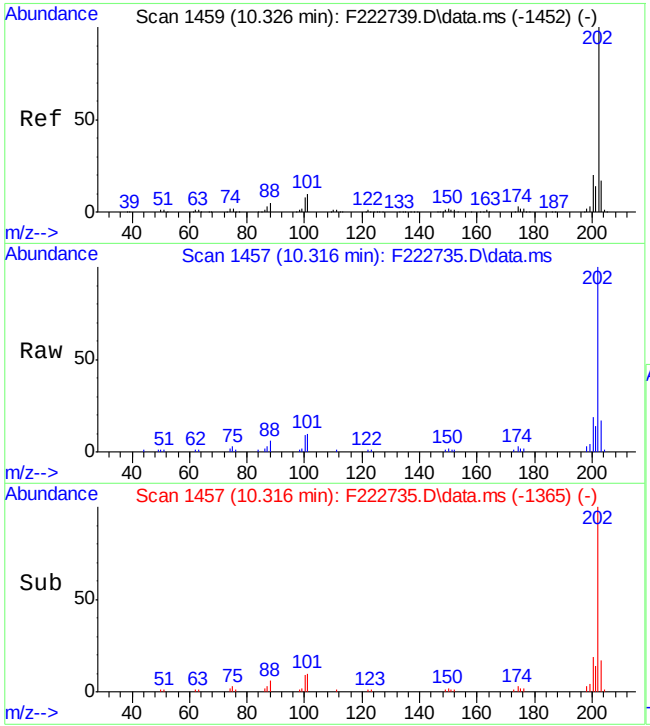


#80
Di-n-butylphthalate
Concen: 3.97 ppm
RT: 9.493 min Scan# 1303
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:149 Resp: 26069

Ion	Ratio	Lower	Upper
149	100		
150	8.3	0.0	39.1
104	5.5	0.0	34.4

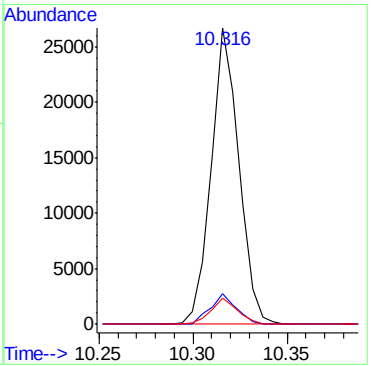


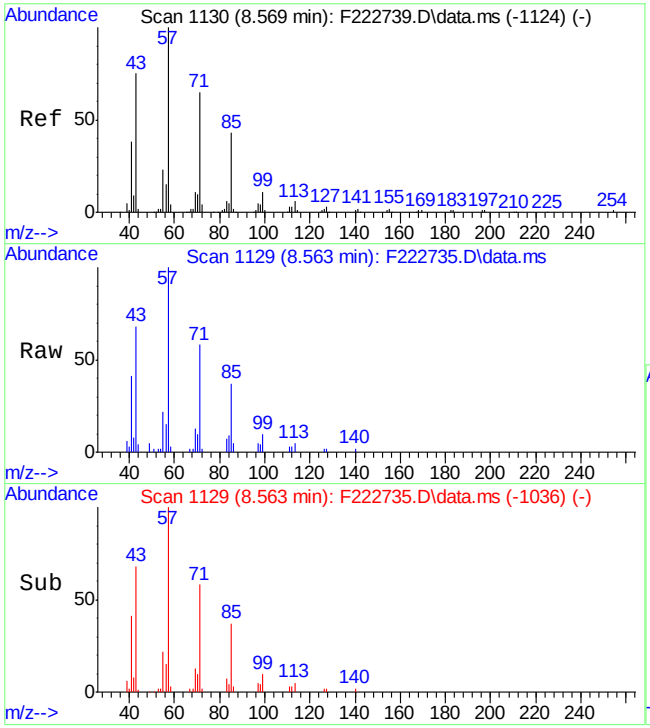


#81
Fluoranthene
Concen: 4.14 ppm
RT: 10.316 min Scan# 1457
Delta R.T. -0.011 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:202 Resp: 27167

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	39.8
100	8.6	0.0	37.7

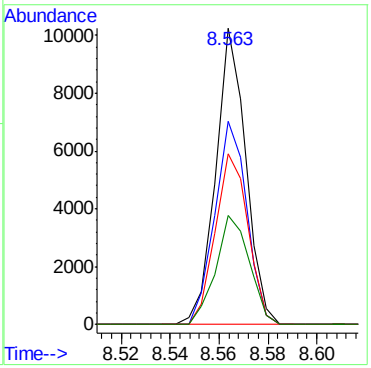


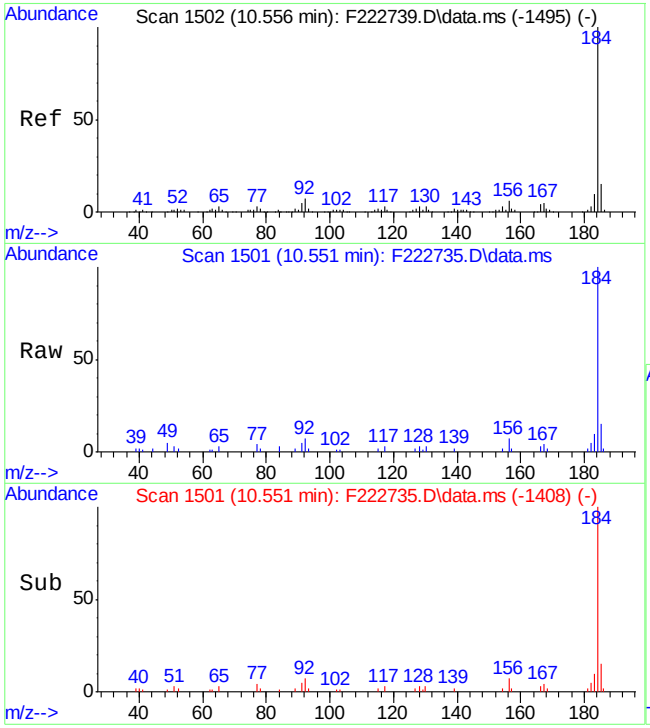


#82
Octadecane
Concen: 4.27 ppm
RT: 8.563 min Scan# 1129
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion: 57 Resp: 8823

Ion	Ratio	Lower	Upper
57	100		
43	68.5	44.5	104.5
71	57.7	35.4	95.4
85	36.9	12.7	72.7

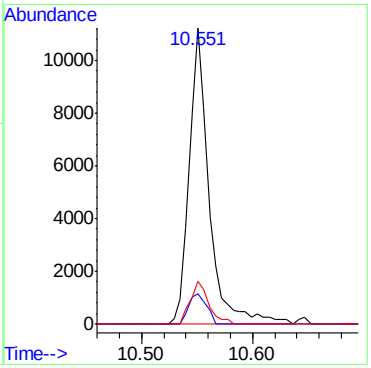


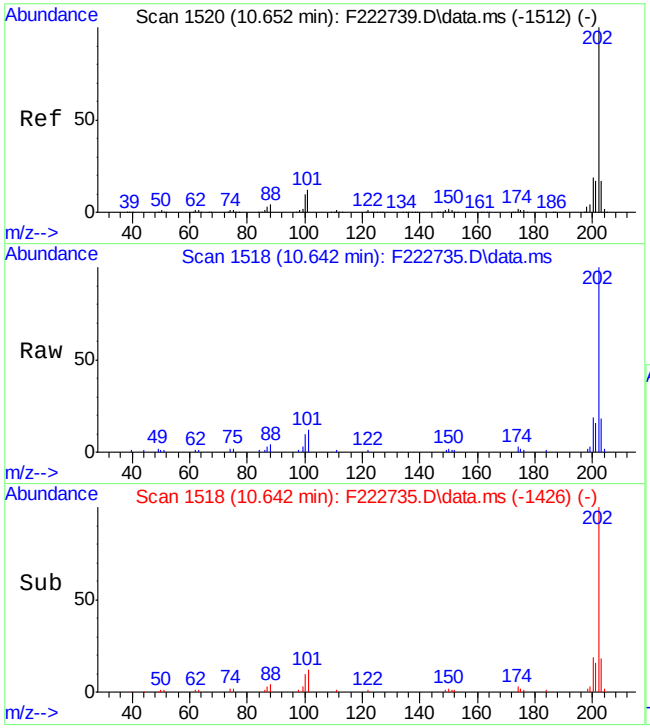


#84
Benzidine
Concen: 4.10 ppm
RT: 10.551 min Scan# 1501
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:184 Resp: 13921

Ion	Ratio	Lower	Upper
184	100		
183	10.3	0.0	60.5
185	14.6	0.0	65.2

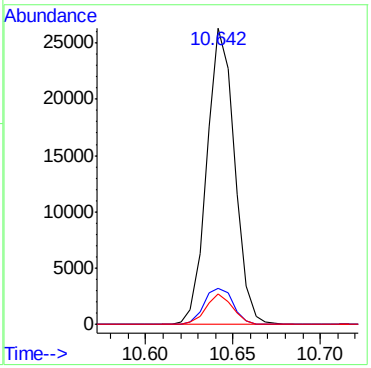


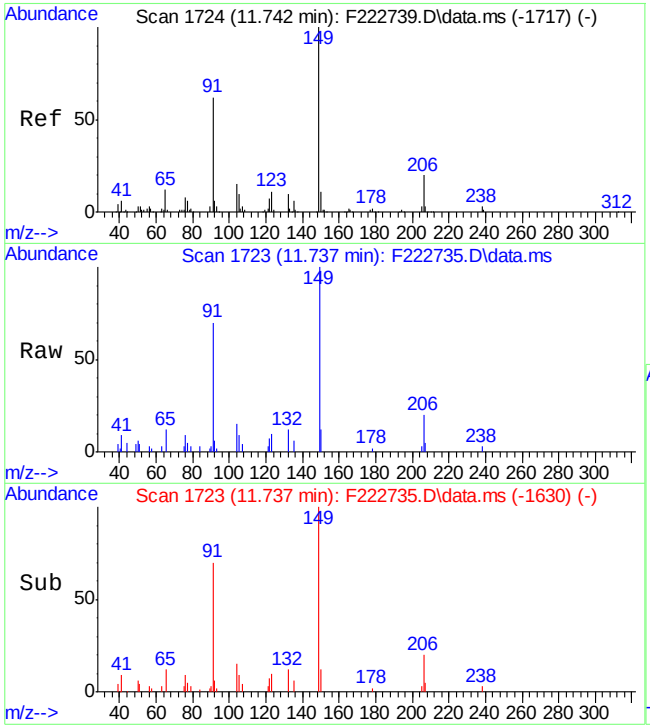


#85
Pyrene
Concen: 4.54 ppm
RT: 10.642 min Scan# 1518
Delta R.T. -0.010 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:202 Resp: 29023

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	41.9
100	10.4	0.0	39.8

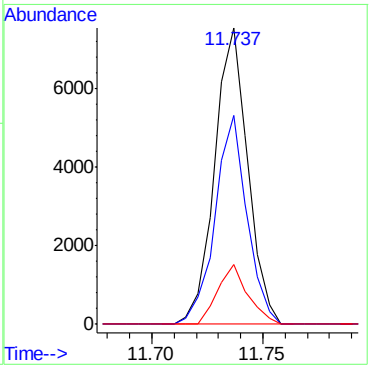


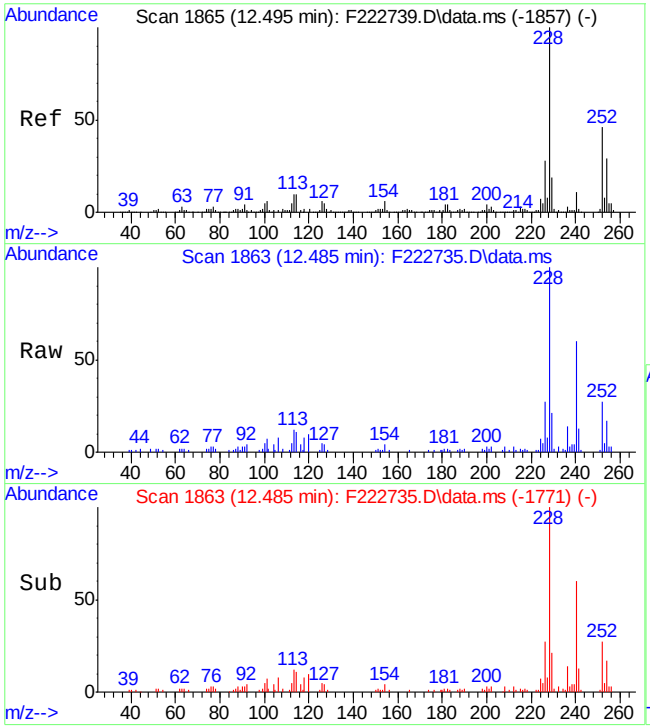


#87
Butylbenzylphthalate
Concen: 3.23 ppm
RT: 11.737 min Scan# 1723
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:149 Resp: 7842

Ion	Ratio	Lower	Upper
149	100		
91	70.3	31.6	91.6
206	20.2	0.0	49.8

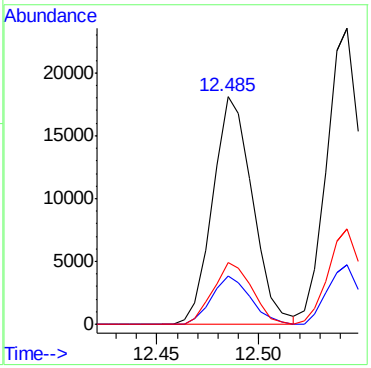


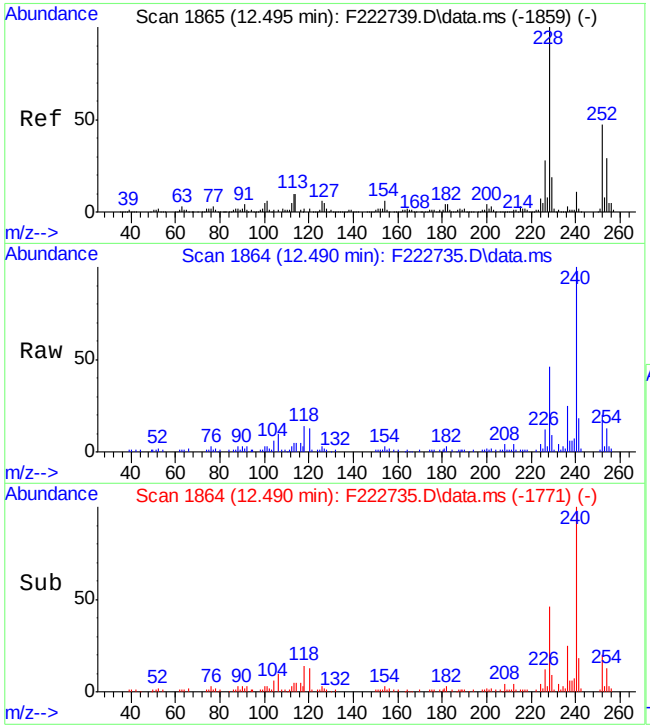


#88
Benzo[a]anthracene
Concen: 4.14 ppm
RT: 12.485 min Scan# 1863
Delta R.T. -0.011 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:228 Resp: 24652

Ion	Ratio	Lower	Upper
228	100		
229	21.5	0.0	49.1
226	27.5	0.0	57.6

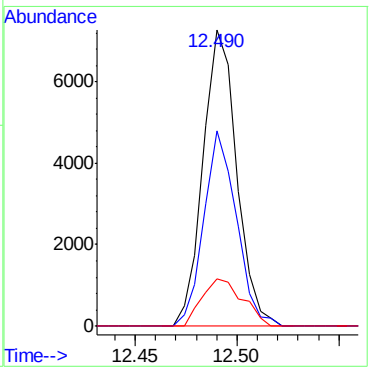


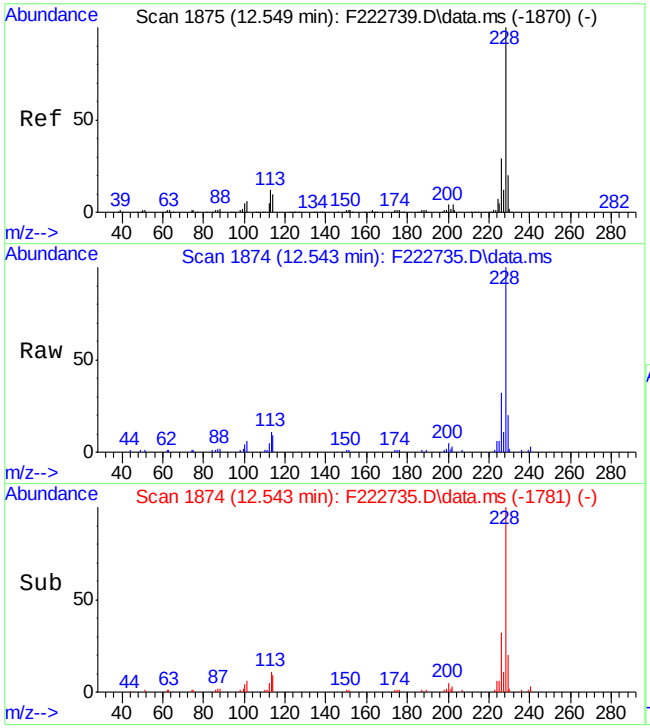


#89
3,3'-Dichlorobenzidine
Concen: 3.49 ppm
RT: 12.490 min Scan# 1864
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:252 Resp: 8328

Ion	Ratio	Lower	Upper
252	100		
254	66.1	32.3	92.3
126	16.1	0.0	42.5

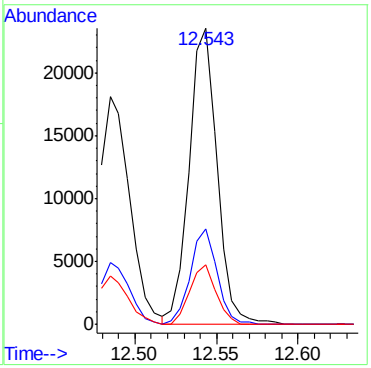


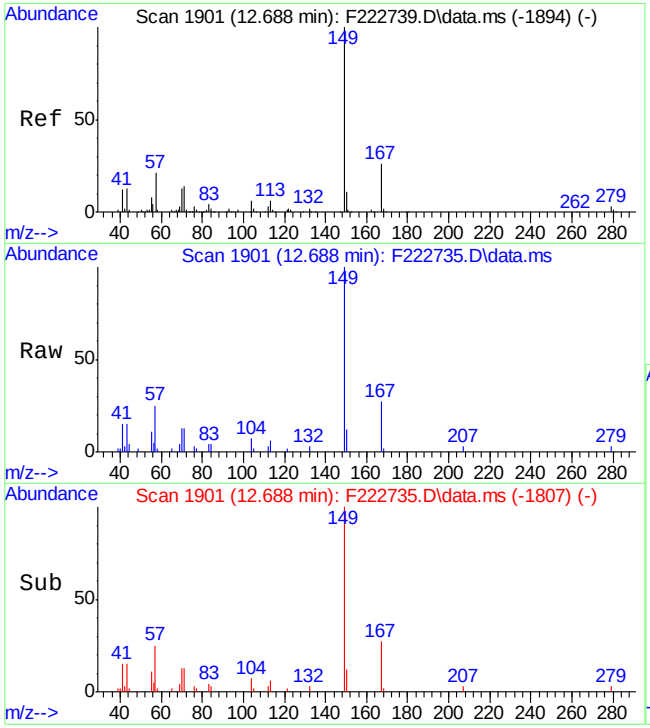


#90
Chrysene
Concen: 4.68 ppm
RT: 12.543 min Scan# 1874
Delta R.T. -0.005 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:228 Resp: 28232

Ion	Ratio	Lower	Upper
228	100		
226	32.6	0.0	58.9
229	20.4	0.0	49.6

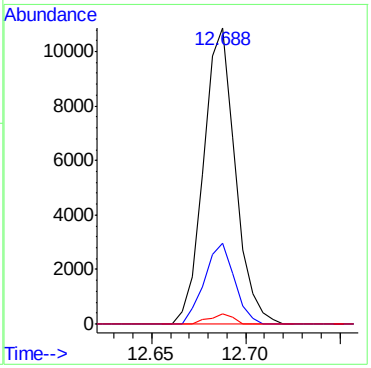


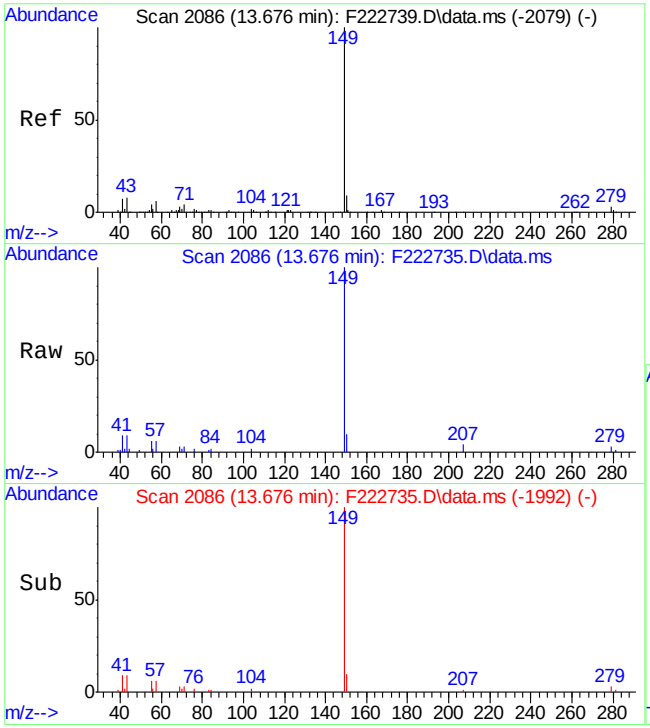


#91
bis(2-Ethylhexyl)phthalate
Concen: 3.26 ppm
RT: 12.688 min Scan# 1901
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:149 Resp: 12679

Ion	Ratio	Lower	Upper
149	100		
167	27.1	0.0	55.6
279	3.4	0.0	33.2

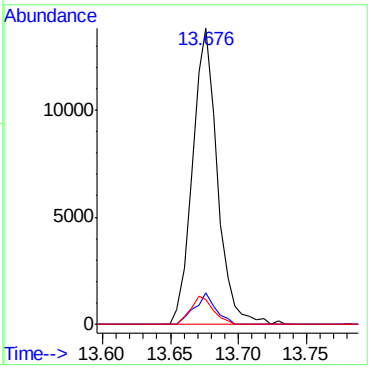


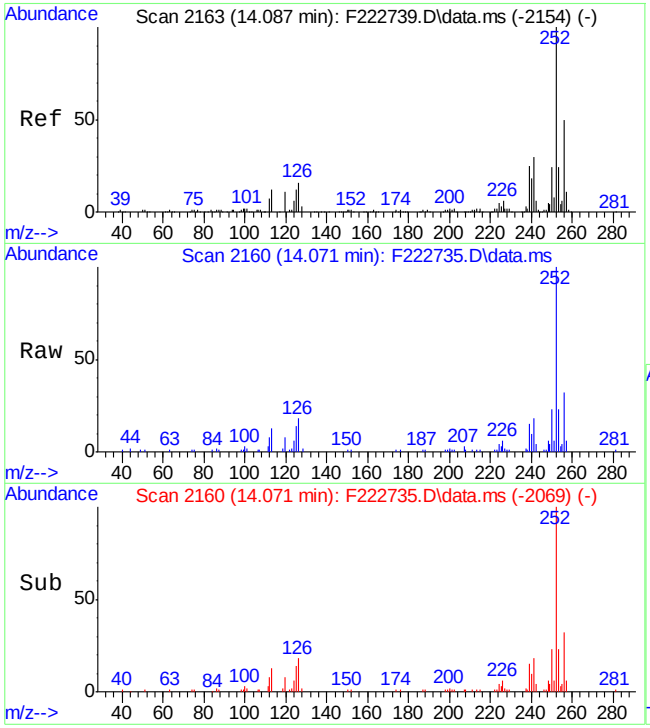


#93
Di-n-octylphthalate
Concen: 2.65 ppm
RT: 13.676 min Scan# 2086
Delta R.T. 0.000 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:149 Resp: 17463

Ion	Ratio	Lower	Upper
149	100		
150	10.5	0.0	39.4
43	8.5	0.0	38.5

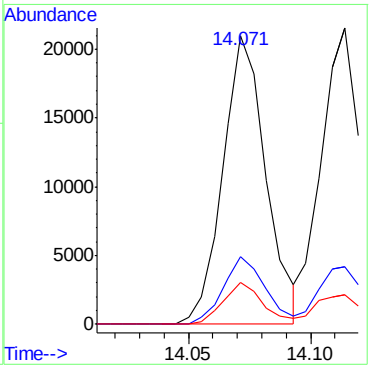


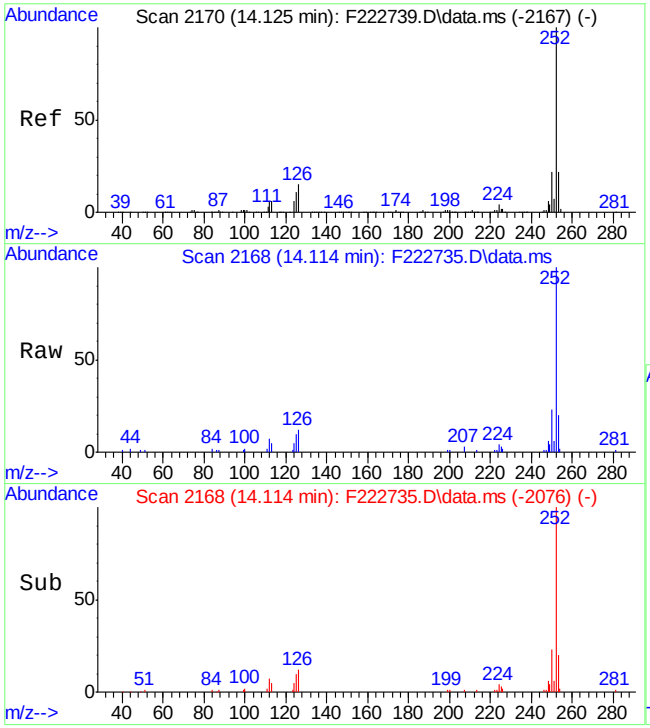


#94
Benzo[b]fluoranthene
Concen: 3.86 ppm
RT: 14.071 min Scan# 2160
Delta R.T. -0.016 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:252 Resp: 25817

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	53.7
125	14.5	0.0	42.3

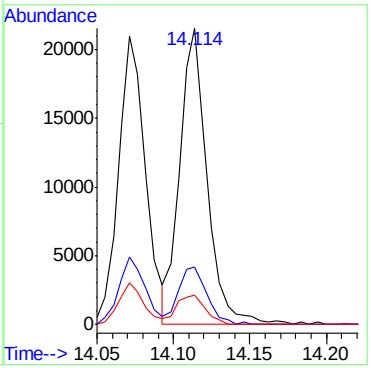


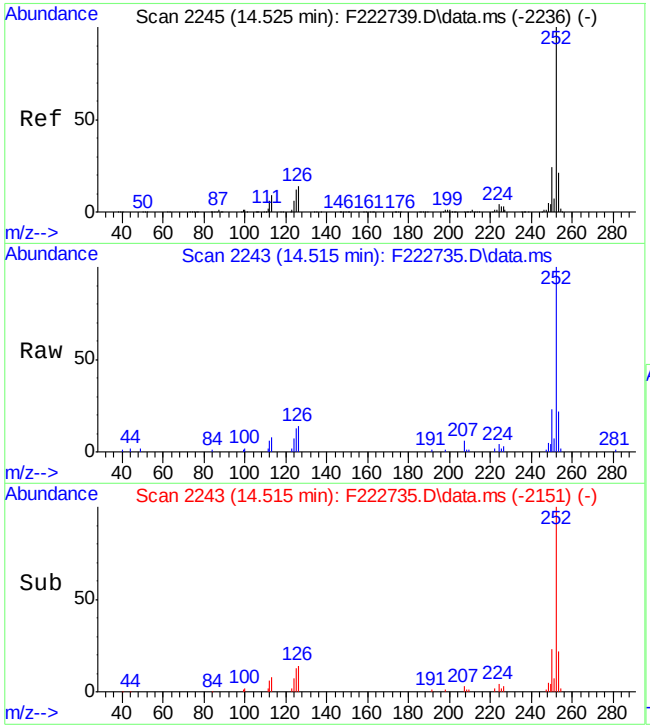


#95
Benzo[k]fluoranthene
Concen: 4.10 ppm
RT: 14.114 min Scan# 2168
Delta R.T. -0.011 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:252 Resp: 26683

Ion	Ratio	Lower	Upper
252	100		
253	19.5	0.0	52.2
125	9.7	0.0	41.3

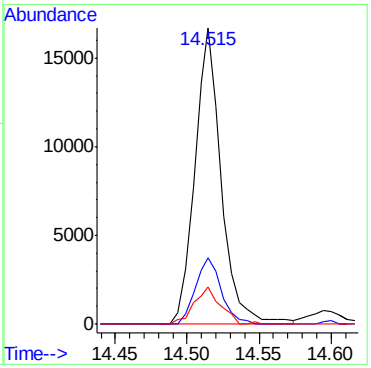


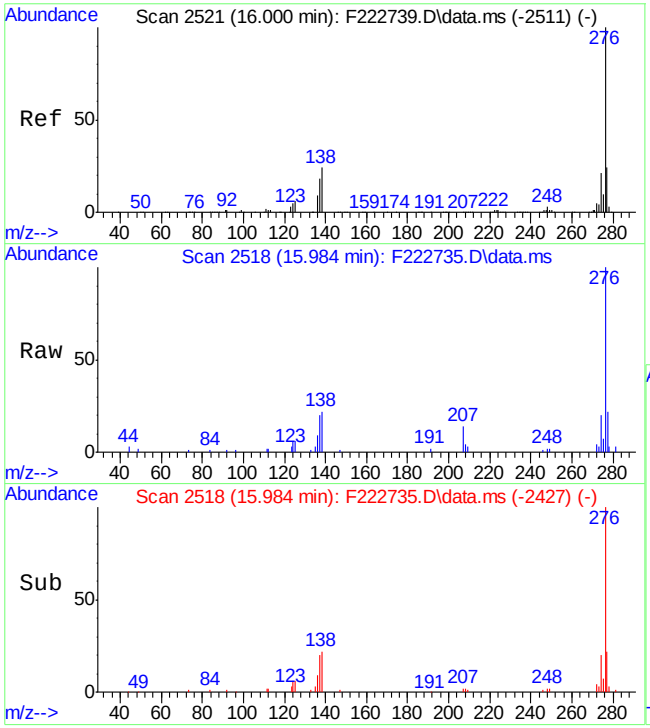


#96
Benzo[a]pyrene
Concen: 3.85 ppm
RT: 14.515 min Scan# 2243
Delta R.T. -0.011 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:252 Resp: 21367

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	50.6
125	12.7	0.0	41.7

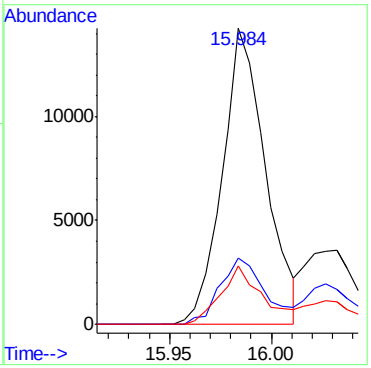


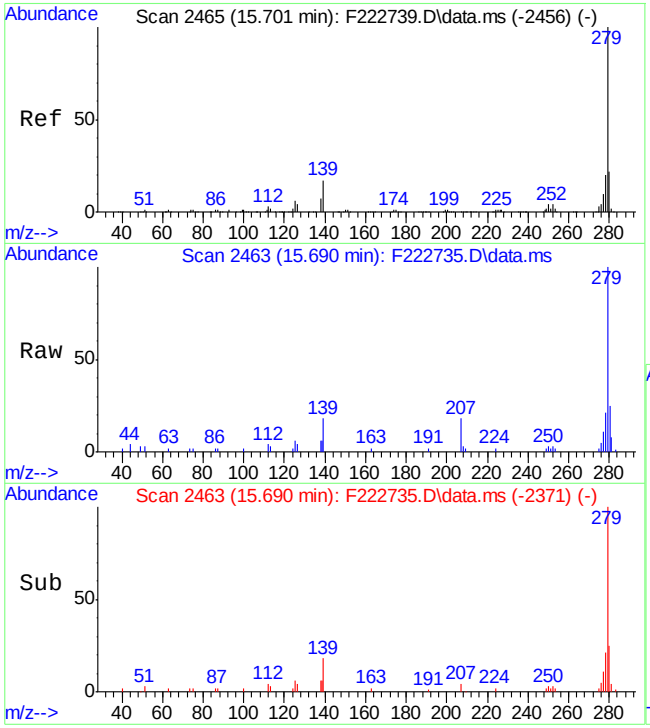


#97
Indeno[1,2,3-cd]pyrene
Concen: 3.58 ppm
RT: 15.984 min Scan# 2518
Delta R.T. -0.016 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:276 Resp: 21001

Ion	Ratio	Lower	Upper
276	100		
138	21.1	0.0	52.1
137	18.8	0.0	46.5

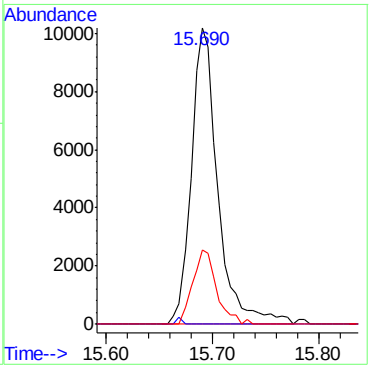


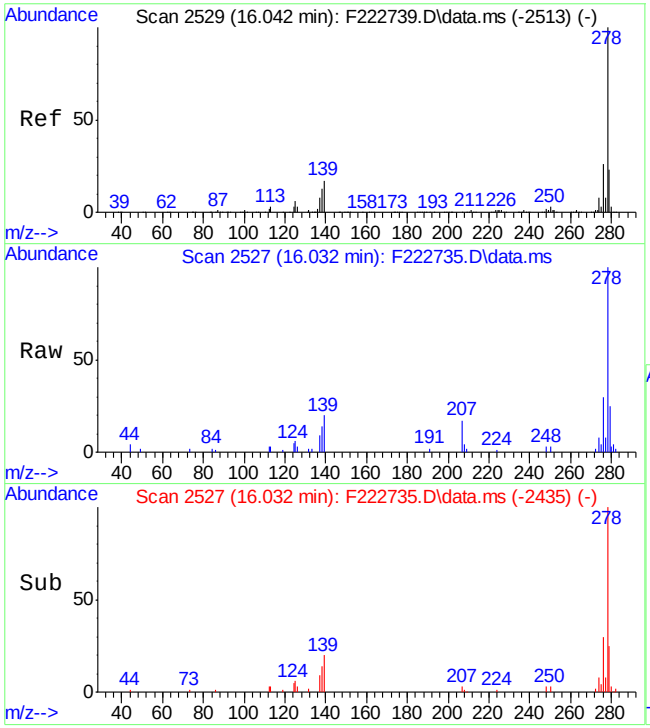


#98
Dibenz(a,h)acridine
Concen: 3.72 ppm
RT: 15.690 min Scan# 2463
Delta R.T. -0.010 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:279 Resp: 17626

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	25.0	0.0	52.3

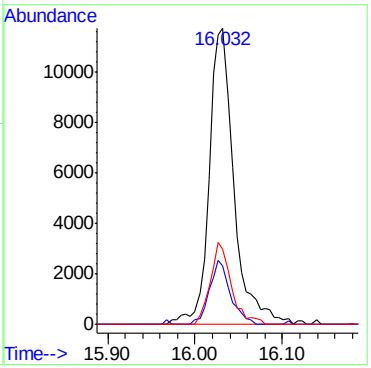


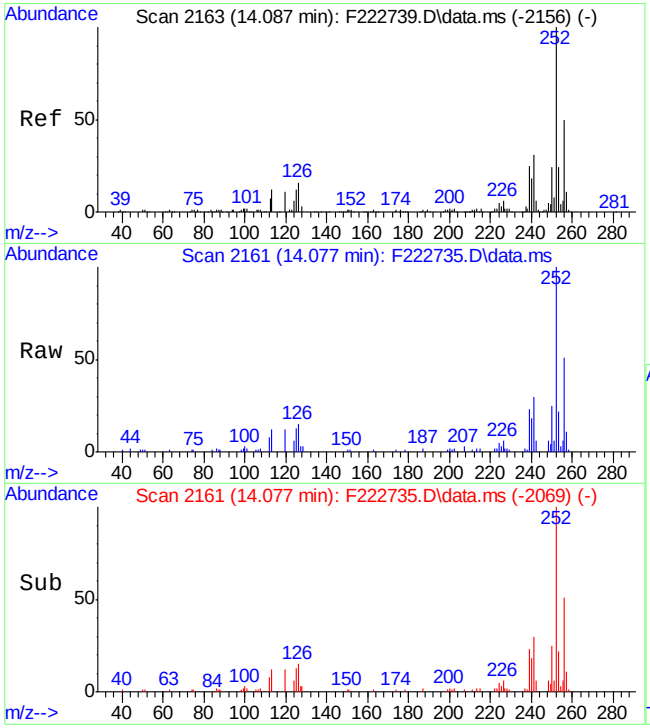


#99
Dibenz[a,h]anthracene
Concen: 3.90 ppm
RT: 16.032 min Scan# 2527
Delta R.T. -0.011 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:278 Resp: 22936

Ion	Ratio	Lower	Upper
278	100		
139	19.7	0.0	47.4
279	25.3	0.0	53.3

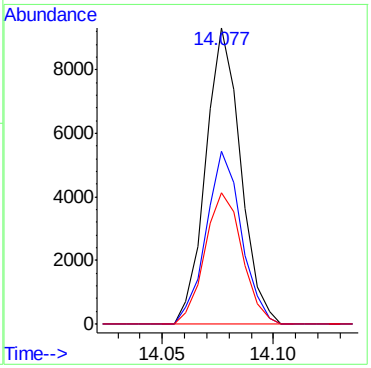


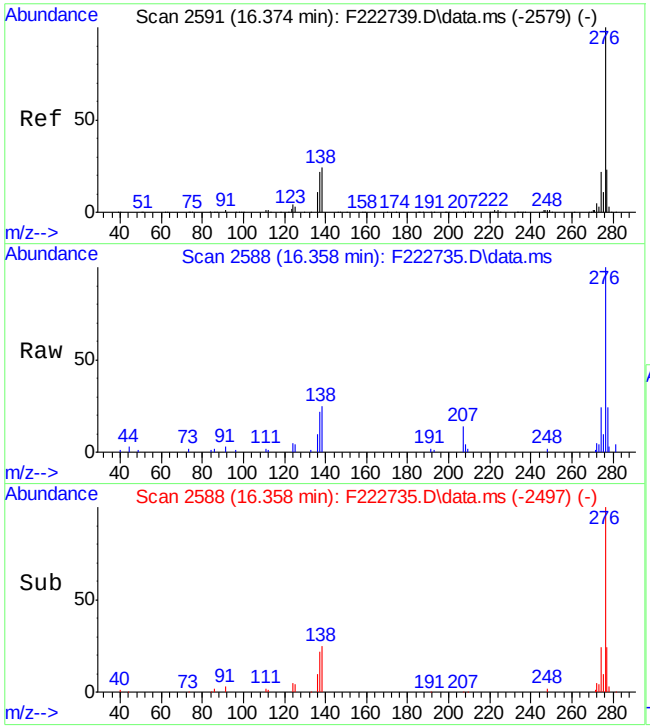


#100
7,12-Dimethylbenz(a)anthracene
Concen: 3.70 ppm
RT: 14.077 min Scan# 2161
Delta R.T. -0.011 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:256 Resp: 10188

Ion	Ratio	Lower	Upper
256	100		
241	58.3	31.1	91.1
239	44.5	19.1	79.1

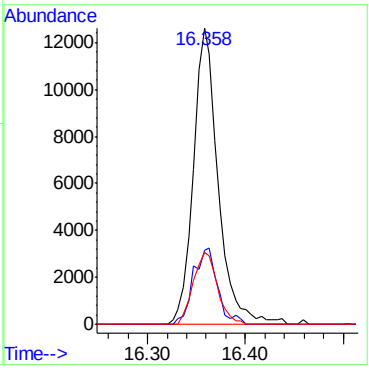




#101
Benzo[g,h,i]perylene
Concen: 3.97 ppm
RT: 16.358 min Scan# 2588
Delta R.T. -0.016 min
Lab File: F222735.D
Acq: 7 Nov 2024 9:46 am

Tgt Ion:276 Resp: 22169

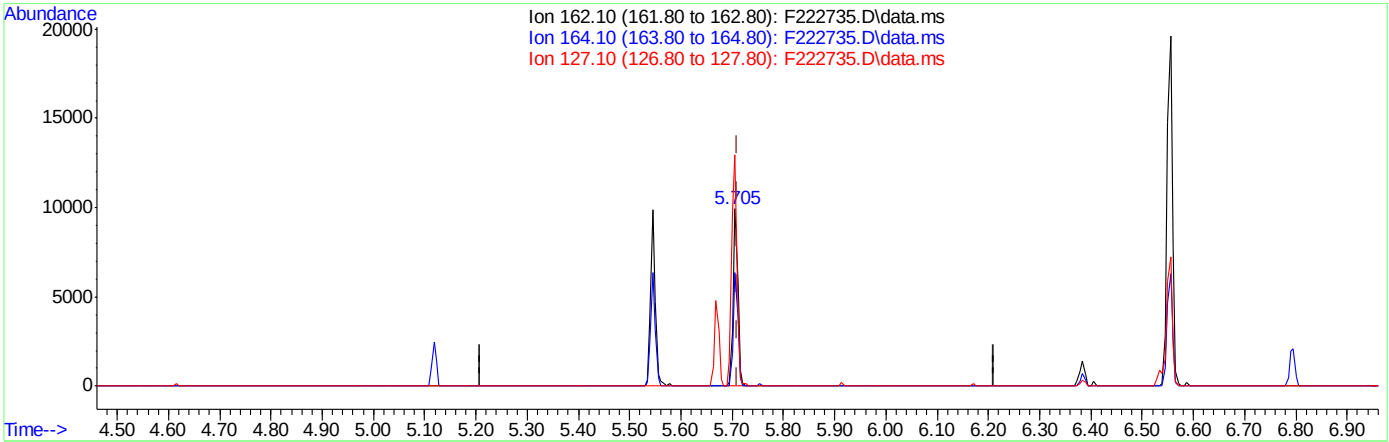
Ion	Ratio	Lower	Upper
276	100		
138	25.1	0.0	54.3
277	24.4	0.0	53.1

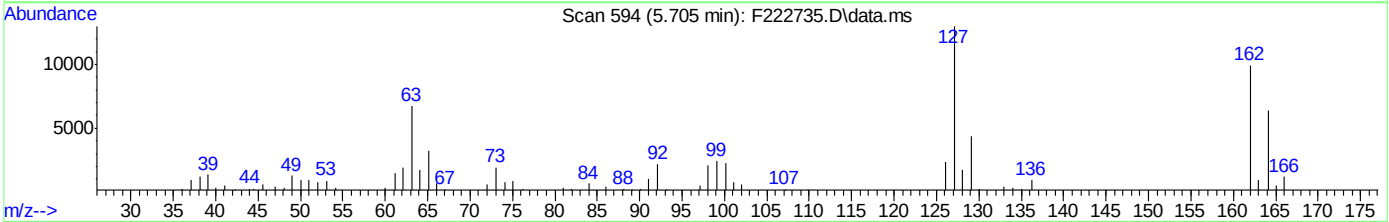


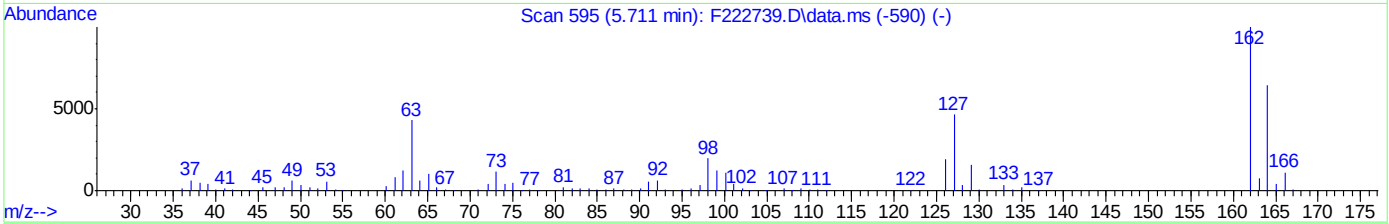
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222735.D
Acq On : 7 Nov 2024 9:46 am
Operator : jackleey
Sample : ic9899-5
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 08 09:04:36 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222735.D\data.ms

(52) 2-Chloronaphthalene (t)

5.705min (-0.005) 4.32ppm

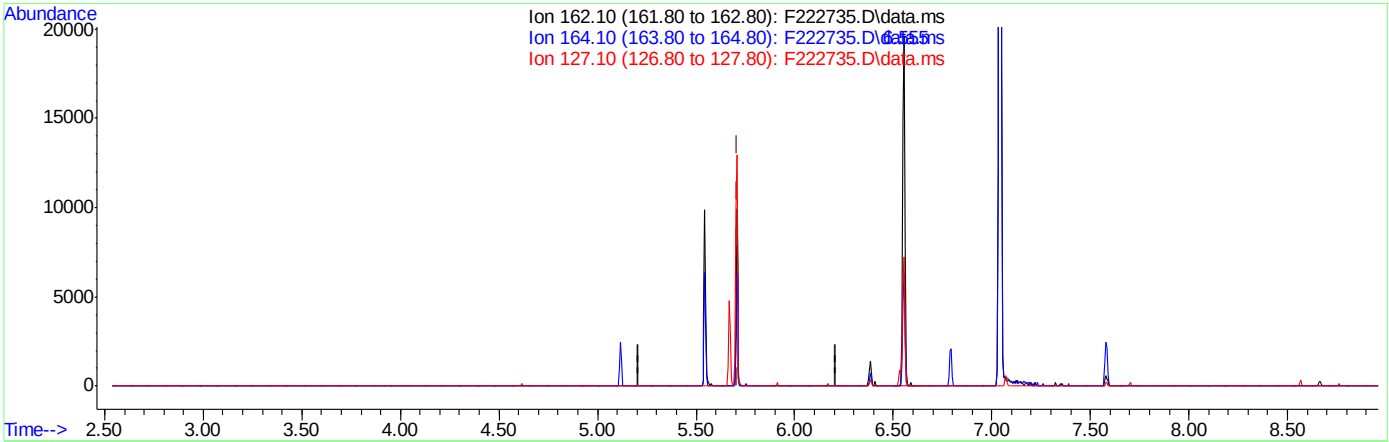
response 6394

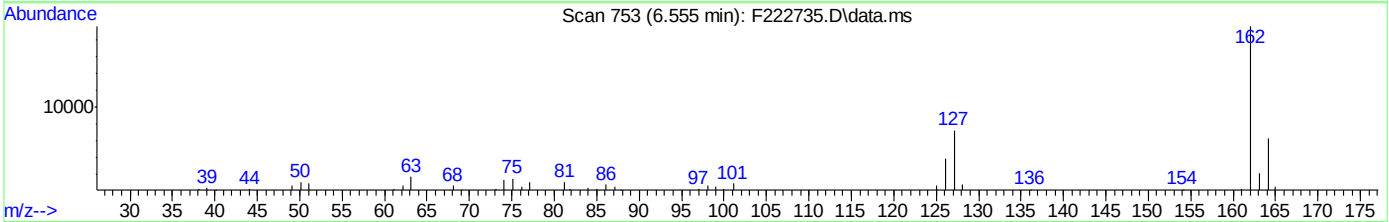
Ion	Exp%	Act%
162.10	100	100
164.10	64.30	64.01
127.10	46.90	130.82#
0.00	0.00	0.00

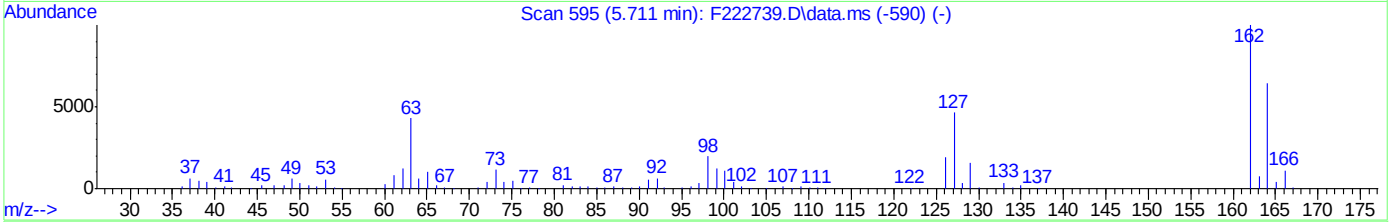
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222735.D
Acq On : 7 Nov 2024 9:46 am
Operator : jackleey
Sample : ic9899-5
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 08 09:04:36 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222735.D\data.ms

(52) 2-Chloronaphthalene (t)

6.555min (+0.844) 10.04ppm m

response 14874

Ion	Exp%	Act%
162.10	100	100
164.10	64.30	32.17#
127.10	46.90	37.09
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222736.D
Acq On : 7 Nov 2024 10:10 am
Operator : jackleey
Sample : ic9899-10
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 06 10:39:13 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.765	152	53214	40.00	ppm	0.00
24) Naphthalene-d8	5.657	136	200542	40.00	ppm	0.00
46) Acenaphthene-d10	7.041	164	107704	40.00	ppm	0.00
69) Phenanthrene-d10	8.665	188	208718	40.00	ppm	0.00
83) Chrysene-d12	12.506	240	193962	40.00	ppm	0.00
92) Perylene-d12	14.600	264	213655	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.765	152	53214	40.00	ppm	0.00
112) Naphthalene-d8A	5.657	136	200542	40.00	ppm	0.00
121) Acenaphthene-d10A	7.041	164	107704	40.00	ppm	0.00
132) Phenanthrene-d10A	8.665	188	208718	40.00	ppm	0.00
147) Chrysene-d12A	12.506	240	193962	40.00	ppm	0.00
154) Perylene-d12A	14.600	264	213655	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.765	152	53214	40.00	ppm	0.00
159) Phenanthrene-d10b	8.665	188	208718	40.00	ppm	0.00
161) Naphthalene-d8b	5.657	136	200542	40.00	ppm	0.00
163) Naphthalene-d8c	5.657	136	200542	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.765	152	53214	40.00	ppm	0.00
169) Chrysene-d12c	12.506	240	193962	40.00	ppm	0.00
171) Chrysene-d12d	12.506	240	193962	40.00	ppm	0.00
173) Naphthalene-d8d	5.657	136	200542	40.00	ppm	0.00
175) Chrysene-d12e	12.506	240	193962	40.00	ppm	0.00
177) Perylene-d12b	14.600	264	213655	40.00	ppm	0.00
179) Naphthalene-d8e	5.657	136	200542	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.852	112	13606	9.08	ppm	0.00
Spiked Amount 50.000			Recovery = 18.16%			
8) Phenol-d5	4.487	99	16639	9.43	ppm	0.00
Spiked Amount 50.000			Recovery = 18.86%			
25) Nitrobenzene-d5	5.144	82	13867	9.07	ppm	0.00
Spiked Amount 50.000			Recovery = 18.14%			
51) 2-Fluorobiphenyl	6.453	172	36985	9.31	ppm	0.00
Spiked Amount 50.000			Recovery = 18.62%			
73) 2,4,6-Tribromophenol	7.837	330	4731	8.59	ppm	0.00
Spiked Amount 50.000			Recovery = 17.18%			
86) Terphenyl-d14	10.930	244	45159	9.45	ppm	0.00
Spiked Amount 50.000			Recovery = 18.90%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.703	88	6513	10.86	ppm	94
3) Pyridine	2.954	79	15218	8.95	ppm	95
4) N-Nitrosodimethylamine	2.917	42	7362	9.43	ppm	90
6) Indene	4.941	116	26635	9.22	ppm	99
7) Cumene	4.220	105	29778	9.59	ppm	98
9) Phenol	4.498	94	17652	9.11	ppm	97
10) Aniline	4.535	93	22349	9.21	ppm	96
11) bis(2-Chloroethyl)ether	4.573	93	14439	9.62	ppm	94
12) 2-Chlorophenol	4.615	128	15262	9.04	ppm	94
13) Decane	4.642	43	15683	9.87	ppm	93

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222736.D
Acq On : 7 Nov 2024 10:10 am
Operator : jackleey
Sample : ic9899-10
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 06 10:39:13 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
14) 1,3-Dichlorobenzene	4.722	146	17882	9.22	ppm		96
15) 1,4-Dichlorobenzene	4.776	146	18901	9.50	ppm		99
16) Benzyl alcohol	4.851	108	9178	8.79	ppm		90
17) 1,2-Dichlorobenzene	4.883	146	18107	9.65	ppm		99
18) Acetophenone	5.038	105	22366	9.26	ppm		95
19) 2-Methylphenol	4.920	108	13096	9.02	ppm		98
20) 2,2'-oxybis(1-Chloropr...	4.947	121	4379	9.33	ppm		99
21) 3&4-Methylphenol	5.027	108	27877	17.82	ppm		98
22) n-Nitroso-di-n-propyla...	5.038	70	10749	9.62	ppm		96
23) Hexachloroethane	5.118	201	7087	9.00	ppm		99
26) Nitrobenzene	5.160	77	15203	9.22	ppm		99
27) Quinoline	5.914	129	30168	9.32	ppm		97
28) Isophorone	5.326	82	27429	9.40	ppm		99
29) 2-Nitrophenol	5.385	139	5915	7.54	ppm		75
30) 2,4-Dimethylphenol	5.401	107	15261	9.22	ppm		95
31) Benzoic acid	5.433	105	6234	6.53	ppm	#	59
32) bis(2-Chloroethoxy)met...	5.476	93	17972	9.48	ppm		99
33) 2,4-Dichlorophenol	5.545	162	13086	8.98	ppm		95
34) 2,6-Dichlorophenol	5.705	162	13344	8.88	ppm		96
35) 1,3,5-Trichlorobenzene	5.390	180	17437	9.39	ppm		96
36) 1,2,4-Trichlorobenzene	5.609	180	15952	9.17	ppm		97
37) 1,2,3-Trichlorobenzene	5.769	180	16184	9.07	ppm		97
38) Naphthalene	5.668	128	47097	9.54	ppm		97
39) 4-Chloroaniline	5.705	127	19754	9.18	ppm		98
40) 2,3-Dichloroaniline	6.384	161	16529	9.43	ppm		98
41) Hydroquinone	5.919	110	13068	9.00	ppm		95
42) Hexachlorobutadiene	5.753	225	10277	9.13	ppm		97
43) 4-Chloro-3-methylphenol	6.037	107	12388	9.15	ppm		90
44) 2-Methylnaphthalene	6.170	141	28623	9.49	ppm		97
45) 1-Methylnaphthalene	6.245	142	29902	9.62	ppm		99
47) Hexachlorocyclopentadiene	6.288	237	18229	16.05	ppm		99
48) 1,2,4,5-tetrachloroben...	6.293	216	17656	9.14	ppm		99
49) 2,4,6-Trichlorophenol	6.378	196	9738	8.34	ppm		93
50) 2,4,5-Trichlorophenol	6.405	196	11067	8.41	ppm		94
52) 2-Chloronaphthalene	6.555	162	31749m	21.20	ppm		
53) Biphenyl	6.533	154	40999	9.46	ppm		98
54) 2-Nitroaniline	6.635	65	6345	7.89	ppm		92
55) Dimethylphthalate	6.795	163	35347	9.52	ppm		99
56) Acenaphthylene	6.913	152	45662	9.57	ppm		99
57) 2,6-Dinitrotoluene	6.843	165	5217	7.36	ppm		86
58) 3-Nitroaniline	6.998	138	6681	7.88	ppm		99
59) Acenaphthene	7.073	153	33430	9.54	ppm		94
60) 2,4-Dinitrophenol	7.089	184	4320	11.36	ppm		73
61) 4-Nitrophenol	7.137	109	4008	8.29	ppm		88
62) Dibenzofuran	7.239	168	46917	9.43	ppm		99
63) 2,4-Dinitrotoluene	7.217	165	7147	7.07	ppm		89
64) 2,3,4,6-Tetrachlorophenol	7.351	232	8405	8.39	ppm		96
65) Diethylphthalate	7.468	149	36760	9.40	ppm		98
66) Fluorene	7.586	166	35661	9.01	ppm		99
67) 4-Chlorophenyl-phenyle...	7.586	204	19383	9.34	ppm		97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222736.D
Acq On : 7 Nov 2024 10:10 am
Operator : jackleey
Sample : ic9899-10
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 06 10:39:13 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

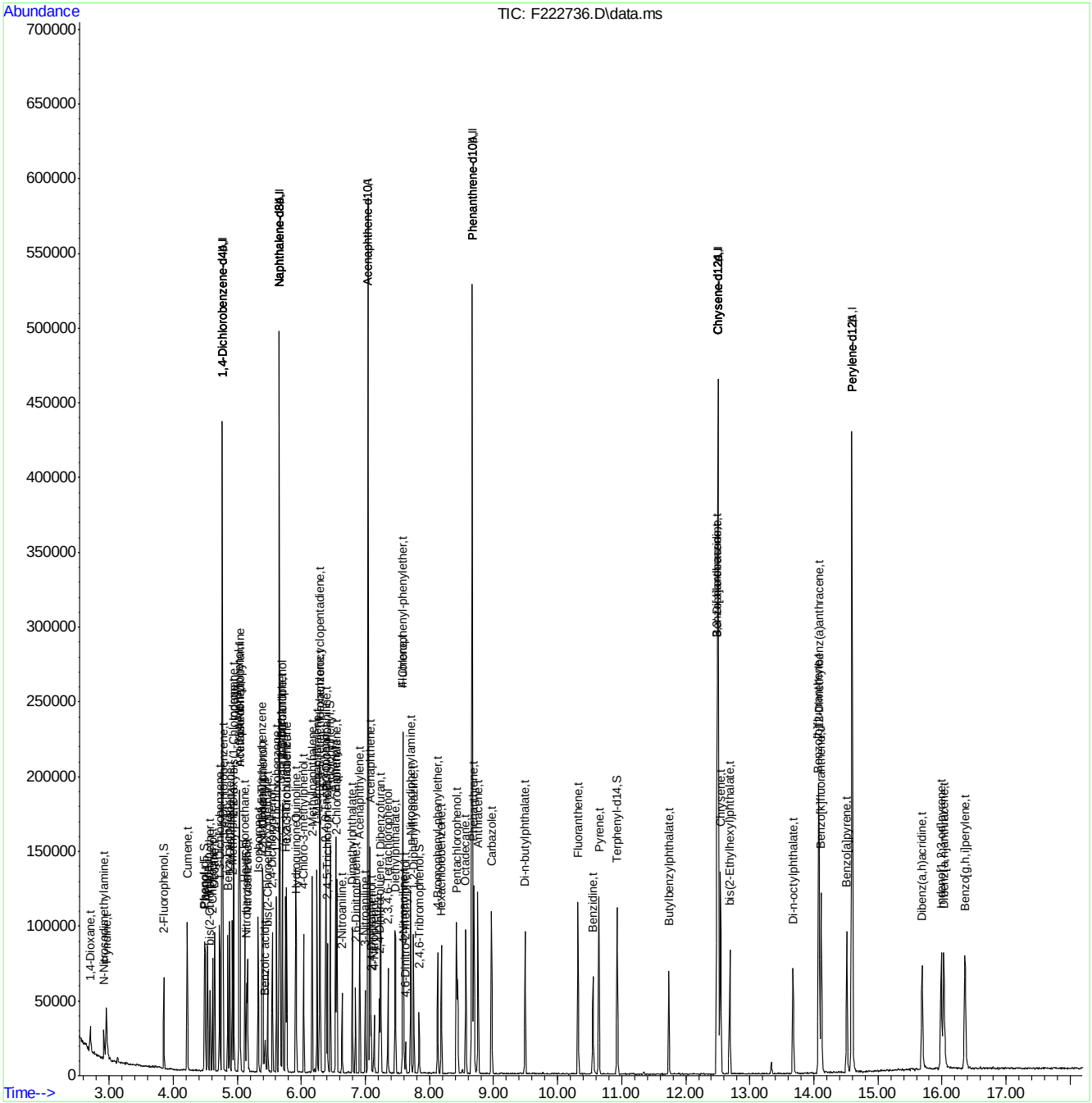
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 4-Nitroaniline	7.596	138	7450	8.06	ppm	91
70) 4,6-Dinitro-2-methylph...	7.629	198	2891	6.14	ppm	93
71) n-Nitrosodiphenylamine	7.709	169	30463	9.32	ppm	98
72) 1,2-Diphenylhydrazine	7.751	77	32901	9.80	ppm	99
74) 4-Bromophenyl-phenylether	8.125	248	10839	9.32	ppm	94
75) Hexachlorobenzene	8.189	284	12063	9.71	ppm	89
76) Pentachlorophenol	8.425	266	13223	15.87	ppm	98
77) Phenanthrene	8.692	178	54487	9.68	ppm	99
78) Anthracene	8.756	178	53164	9.25	ppm	98
79) Carbazole	8.969	167	48919	9.11	ppm	98
80) Di-n-butylphthalate	9.493	149	57253	8.77	ppm	99
81) Fluoranthene	10.316	202	58236	8.91	ppm	98
82) Octadecane	8.563	57	18878	9.18	ppm	95
84) Benzidine	10.551	184	31167	8.77	ppm	100
85) Pyrene	10.647	202	63339	9.46	ppm	99
87) Butylbenzylphthalate	11.737	149	20033	7.88	ppm	96
88) Benzo[a]anthracene	12.490	228	55440	8.89	ppm	96
89) 3,3'-Dichlorobenzidine	12.490	252	19503	7.82	ppm	98
90) Chrysene	12.543	228	60896	9.64	ppm	97
91) bis(2-Ethylhexyl)phtha...	12.688	149	32292	7.94	ppm	100
93) Di-n-octylphthalate	13.676	149	46713	6.85	ppm	99
94) Benzo[b]fluoranthene	14.071	252	57973	8.35	ppm	98
95) Benzo[k]fluoranthene	14.114	252	61189	9.06	ppm	98
96) Benzo[a]pyrene	14.515	252	48887	8.50	ppm	96
97) Indeno[1,2,3-cd]pyrene	15.989	276	49880	8.20	ppm	99
98) Dibenz(a,h)acridine	15.690	279	39651	8.08	ppm	97
99) Dibenz[a,h]anthracene	16.032	278	51755	8.50	ppm	99
100) 7,12-Dimethylbenz(a)an...	14.077	256	23409	8.20	ppm	95
101) Benzo[g,h,i]perylene	16.358	276	50270	8.69	ppm	98

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

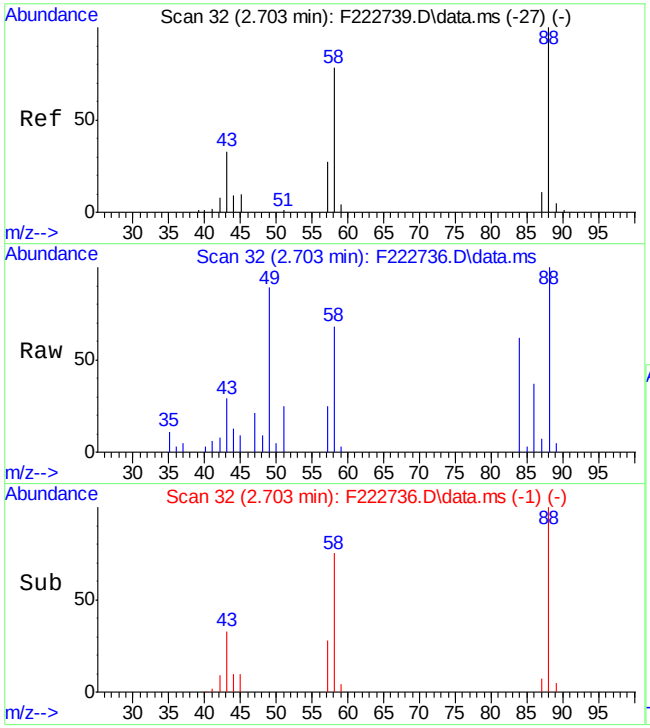
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222736.D
Acq On : 7 Nov 2024 10:10 am
Operator : jackleey
Sample : ic9899-10
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 06 10:39:13 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration



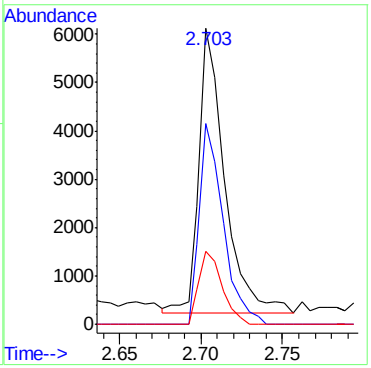
MF9899.M Fri Dec 06 10:40:04 2024 RT1 Page: 4

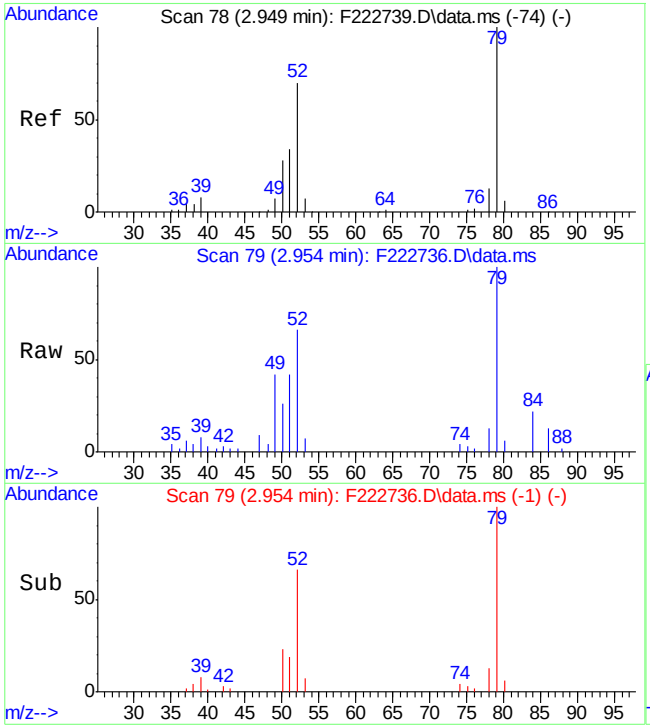


#2
1,4-Dioxane
Concen: 10.86 ppm
RT: 2.703 min Scan# 32
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 88 Resp: 6513

Ion	Ratio	Lower	Upper
88	100		
58	71.1	47.6	107.6
57	26.0	0.0	57.2

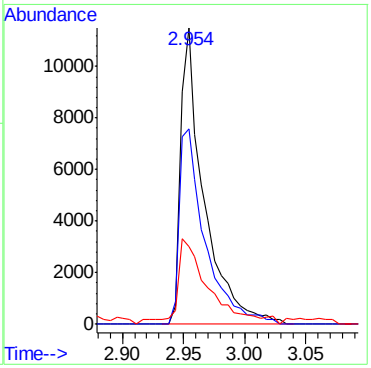


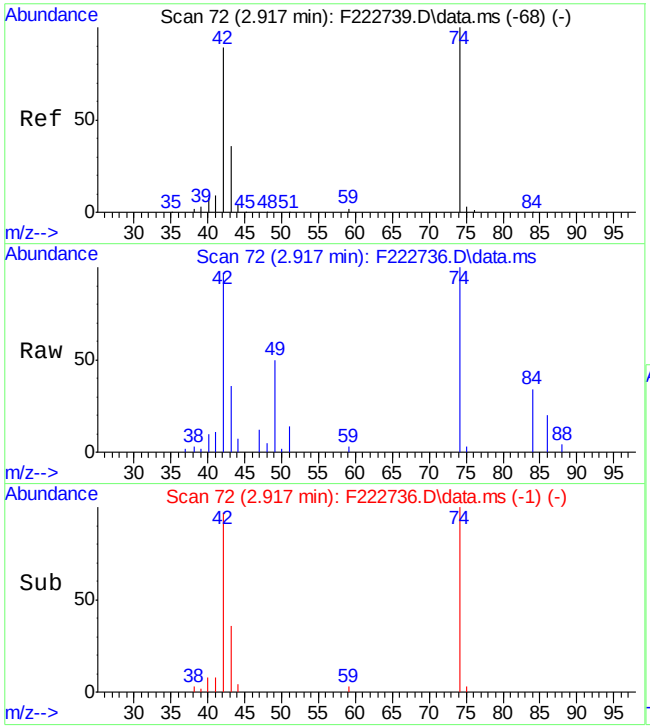


#3
Pyridine
Concen: 8.95 ppm
RT: 2.954 min Scan# 79
Delta R.T. 0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 79 Resp: 15218

Ion	Ratio	Lower	Upper
79	100		
52	66.1	39.7	99.7
50	24.7	0.0	58.3

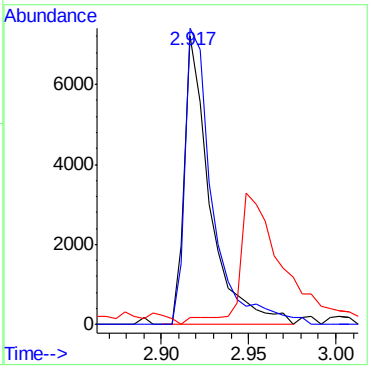


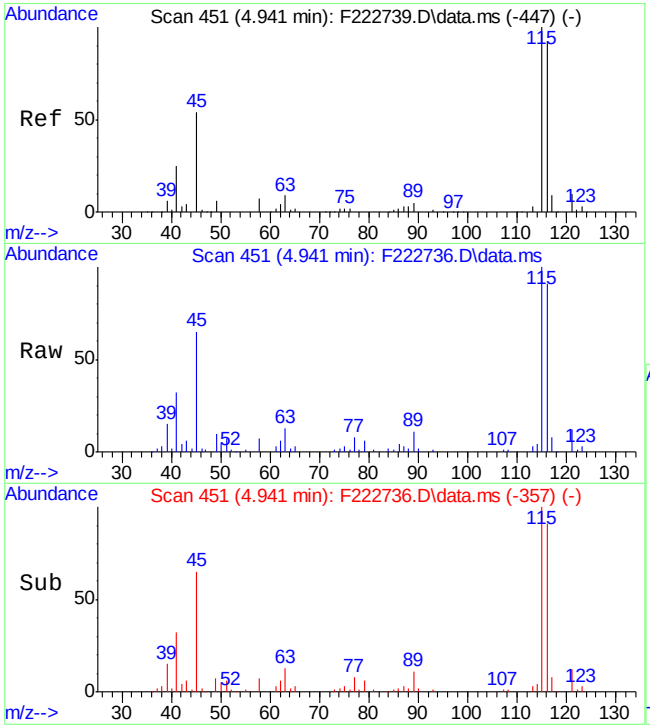


#4
N-Nitrosodimethylamine
Concen: 9.43 ppm
RT: 2.917 min Scan# 72
Delta R.T. 0.001 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 42 Resp: 7362

Ion	Ratio	Lower	Upper
42	100		
74	101.5	82.2	142.2
50	0.0	0.0	30.0

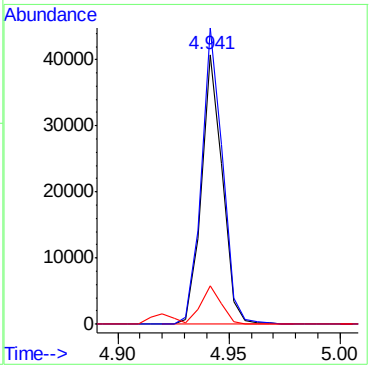


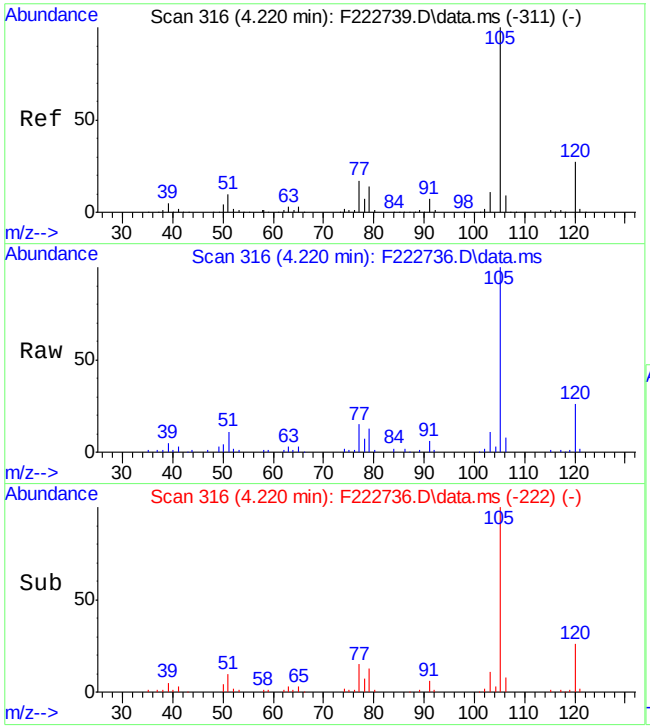


#6
Indene
Concen: 9.22 ppm
RT: 4.941 min Scan# 451
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:116 Resp: 26635

Ion	Ratio	Lower	Upper
116	100		
115	110.0	78.5	138.5
63	12.1	0.0	42.1

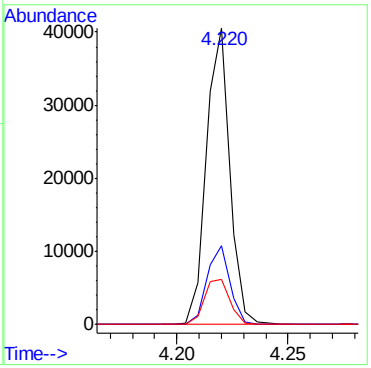


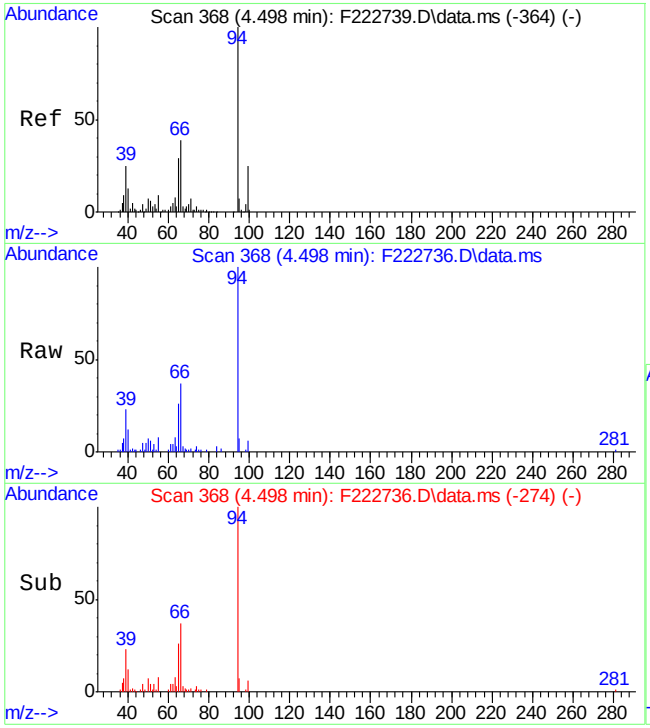


#7
Cumene
Concen: 9.59 ppm
RT: 4.220 min Scan# 316
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:105 Resp: 29778

Ion	Ratio	Lower	Upper
105	100		
120	26.4	0.0	57.2
77	15.2	0.0	46.5

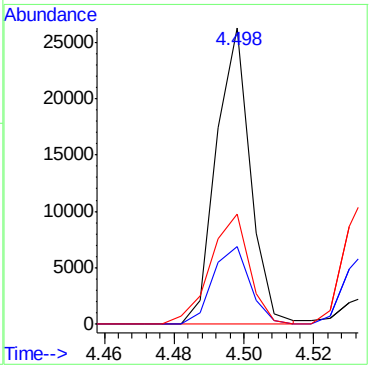


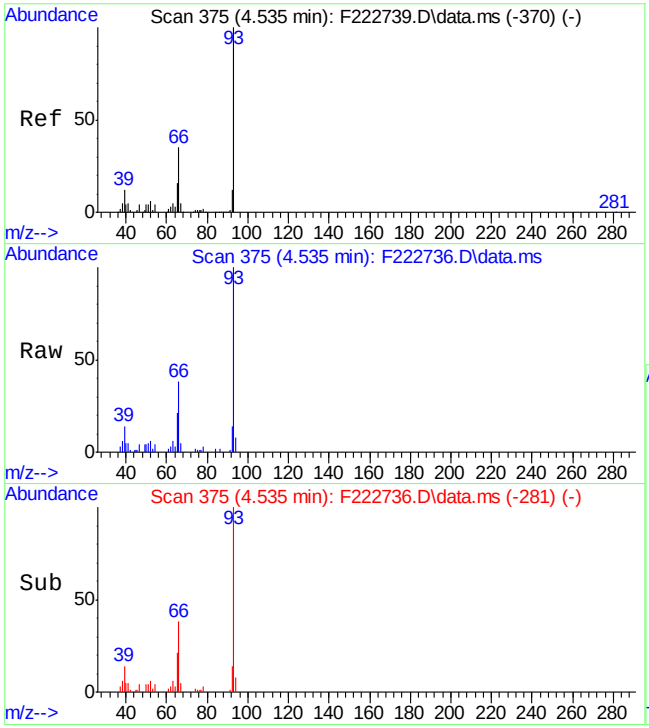


#9
Phenol
Concen: 9.11 ppm
RT: 4.498 min Scan# 368
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 94 Resp: 17652

Ion	Ratio	Lower	Upper
94	100		
65	26.1	0.0	59.0
66	37.5	8.6	68.6

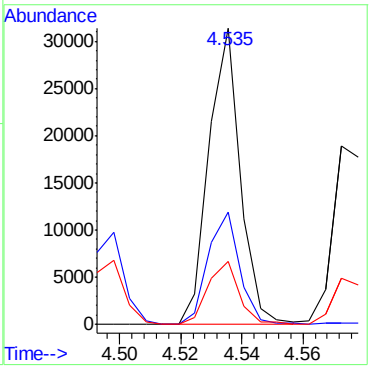


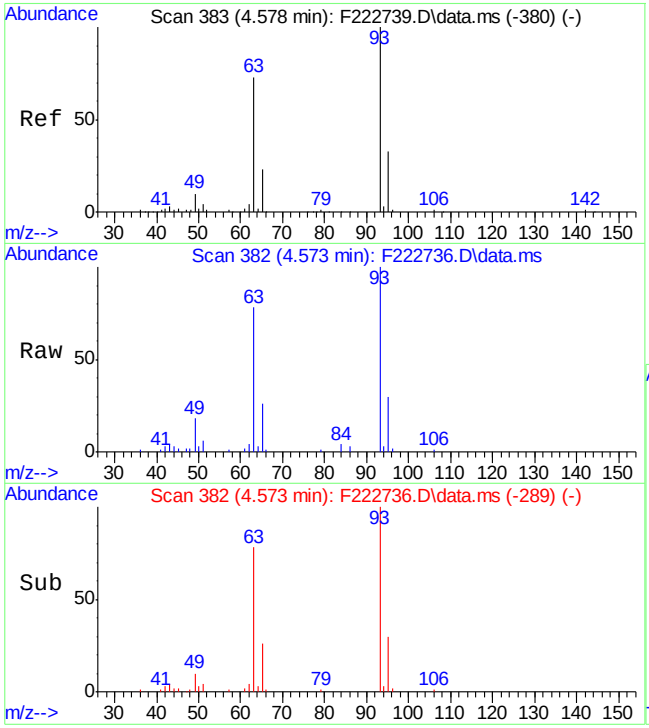


#10
Aniline
Concen: 9.21 ppm
RT: 4.535 min Scan# 375
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 93 Resp: 22349

Ion	Ratio	Lower	Upper
93	100		
66	37.9	6.6	66.6
65	21.2	0.0	47.6

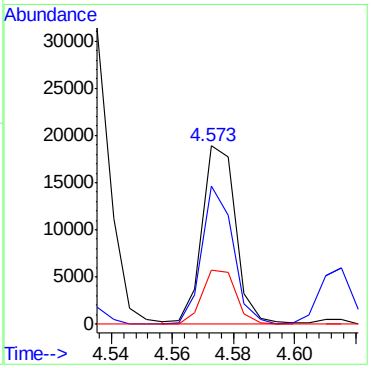


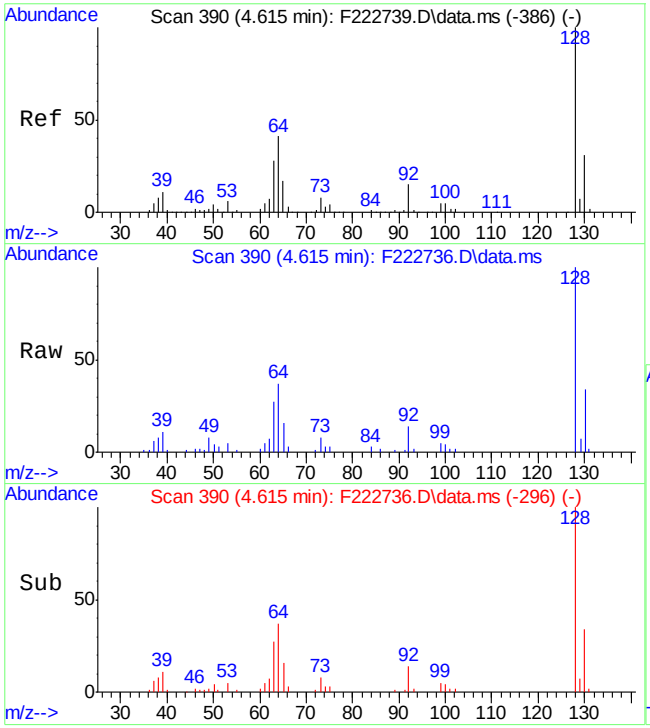


#11
bis(2-Chloroethyl)ether
Concen: 9.62 ppm
RT: 4.573 min Scan# 382
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 93 Resp: 14439

Ion	Ratio	Lower	Upper
93	100		
63	78.2	42.1	102.1
95	30.5	2.4	62.4

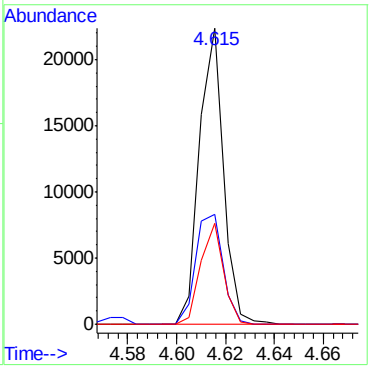


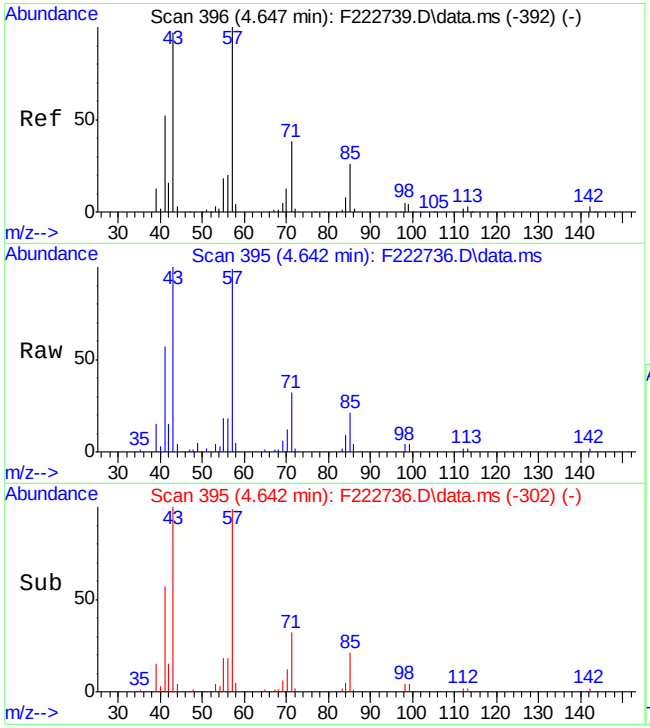


#12
2-Chlorophenol
Concen: 9.04 ppm
RT: 4.615 min Scan# 390
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:128 Resp: 15262

Ion	Ratio	Lower	Upper
128	100		
64	37.2	10.9	70.9
130	34.2	1.2	61.2

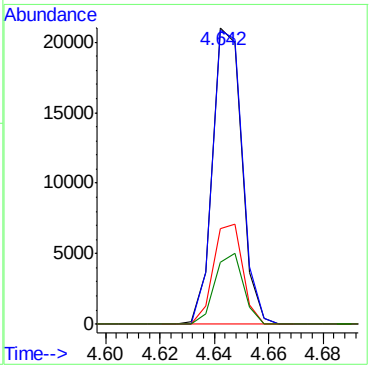


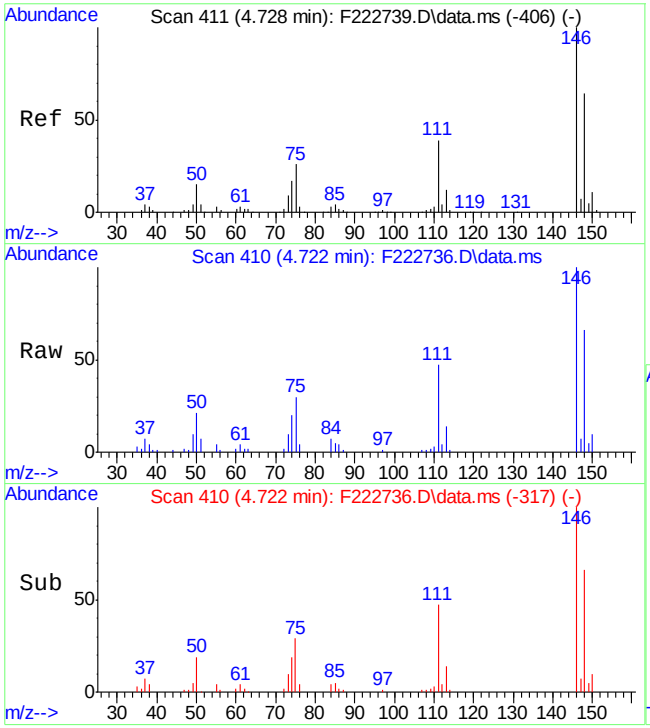


#13
Decane
Concen: 9.87 ppm
RT: 4.642 min Scan# 395
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 43 Resp: 15683

Ion	Ratio	Lower	Upper
43	100		
57	99.1	73.5	133.5
71	32.3	9.4	69.4
85	20.8	0.0	56.4

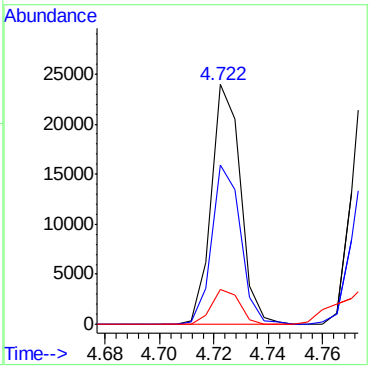


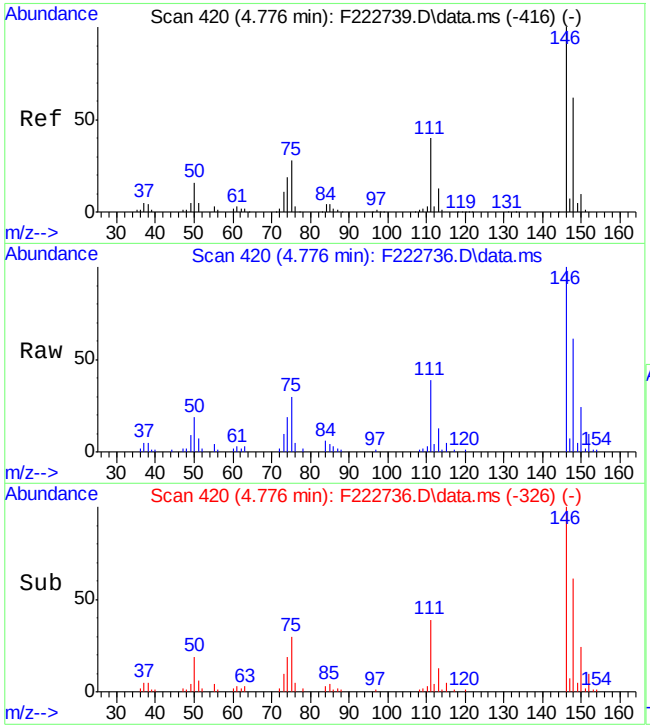


#14
1,3-Dichlorobenzene
Concen: 9.22 ppm
RT: 4.722 min Scan# 410
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:146 Resp: 17882

Ion	Ratio	Lower	Upper
146	100		
148	66.2	33.6	93.6
113	14.4	0.0	41.9

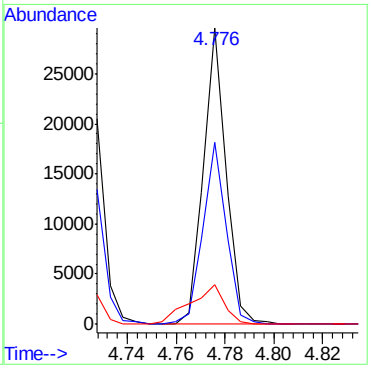


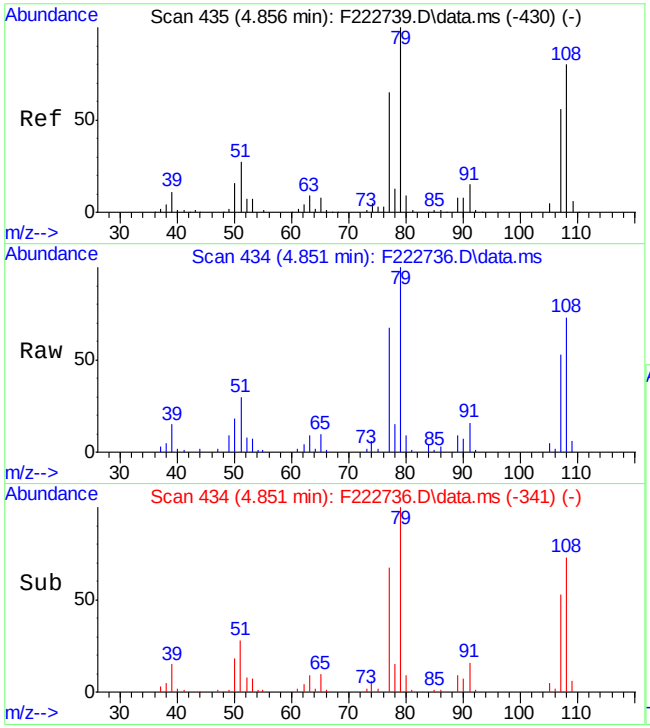


#15
1,4-Dichlorobenzene
Concen: 9.50 ppm
RT: 4.776 min Scan# 420
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:146 Resp: 18901

Ion	Ratio	Lower	Upper
146	100		
148	61.4	32.0	92.0
113	12.8	0.0	42.6

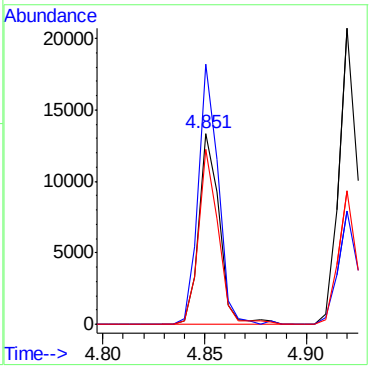


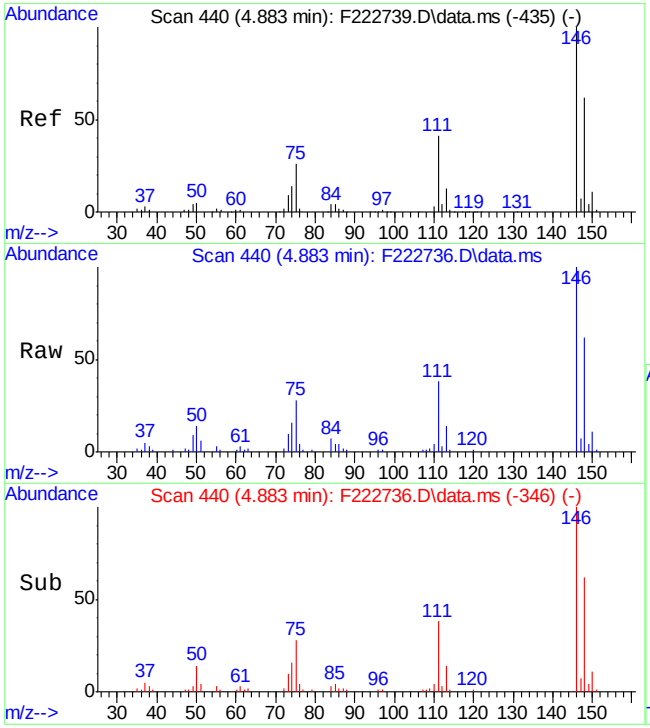


#16
Benzyl alcohol
Concen: 8.79 ppm
RT: 4.851 min Scan# 434
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:108 Resp: 9178

Ion	Ratio	Lower	Upper
108	100		
79	136.4	95.7	155.7
77	91.6	51.3	111.3

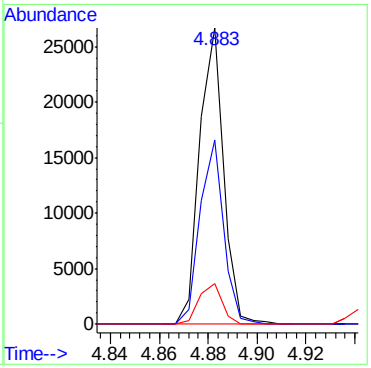


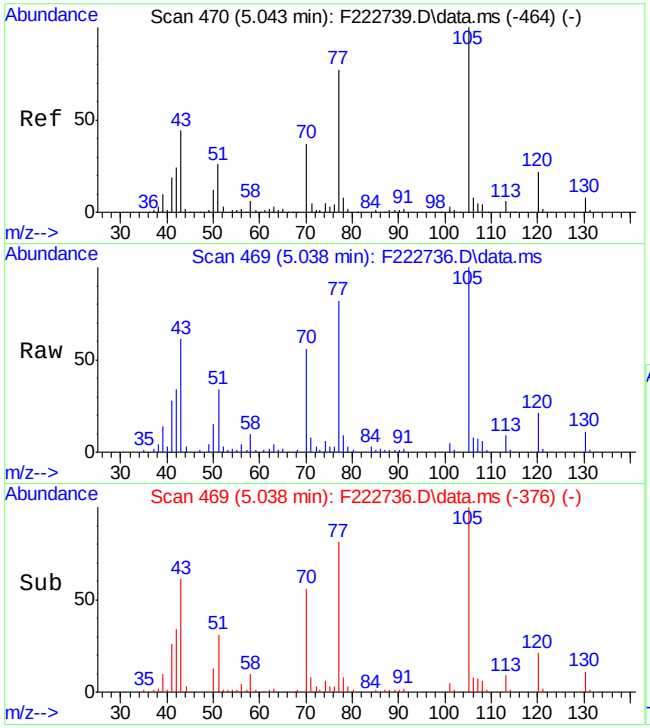


#17
1,2-Dichlorobenzene
Concen: 9.65 ppm
RT: 4.883 min Scan# 440
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:146 Resp: 18107

Ion	Ratio	Lower	Upper
146	100		
148	62.2	31.8	91.8
113	13.7	0.0	42.3

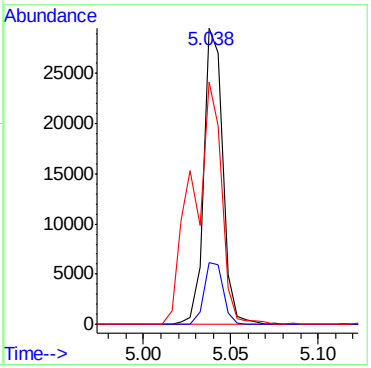


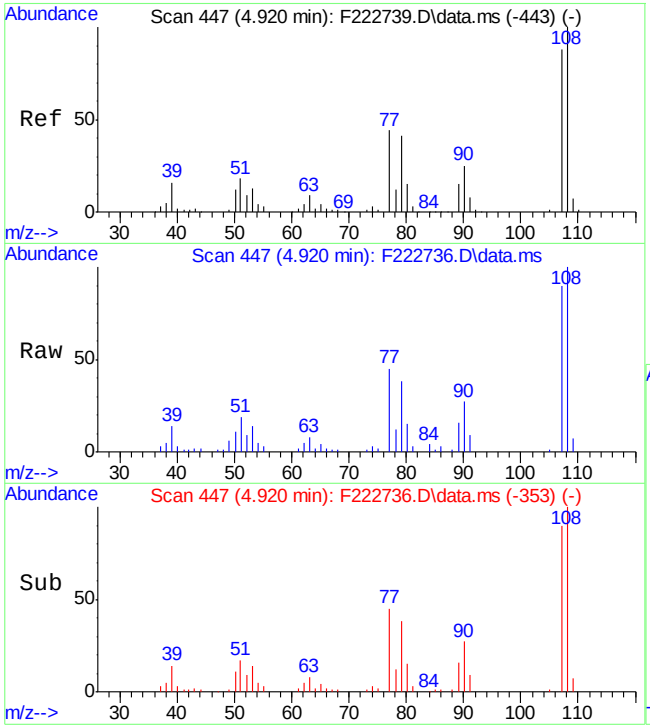


#18
Acetophenone
Concen: 9.26 ppm
RT: 5.038 min Scan# 469
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:105 Resp: 22366

Ion	Ratio	Lower	Upper
105	100		
120	20.8	0.0	51.5
77	81.4	46.5	106.5

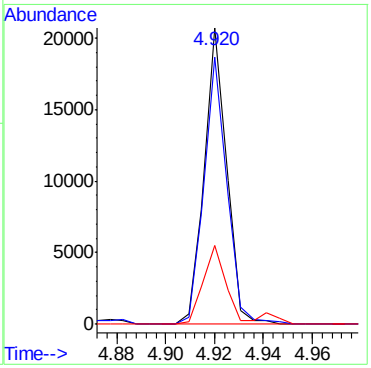


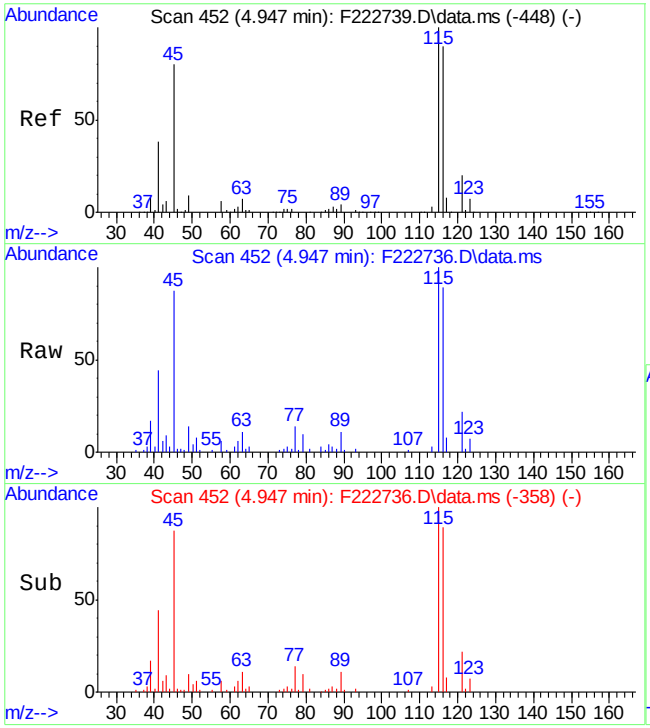


#19
2-Methylphenol
Concen: 9.02 ppm
RT: 4.920 min Scan# 447
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:108 Resp: 13096

Ion	Ratio	Lower	Upper
108	100		
107	90.1	58.3	118.3
90	26.6	0.0	55.3

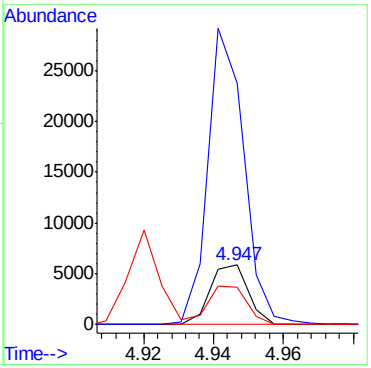


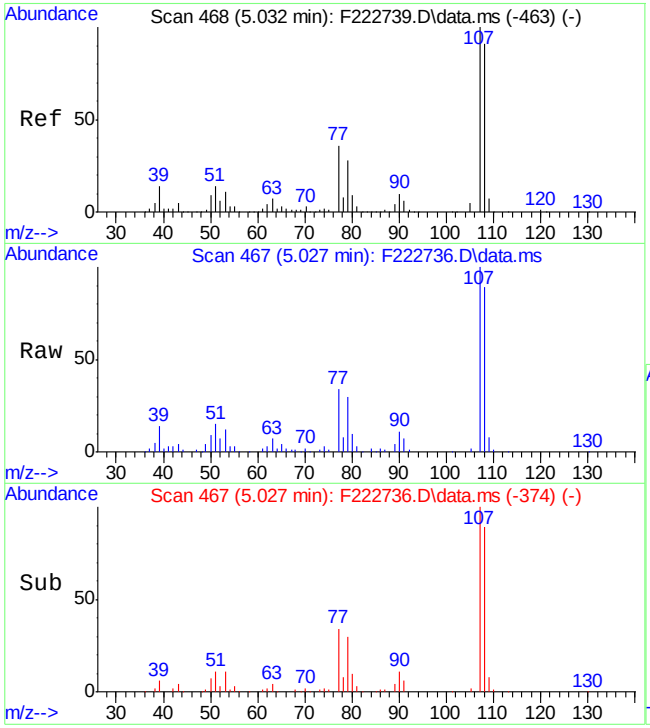


#20
2,2'-oxybis(1-Chloropropane
Concen: 9.33 ppm
RT: 4.947 min Scan# 452
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:121 Resp: 4379

Ion	Ratio	Lower	Upper
121	100		
45	403.7	374.4	434.4
77	31.0	0.0	49.9

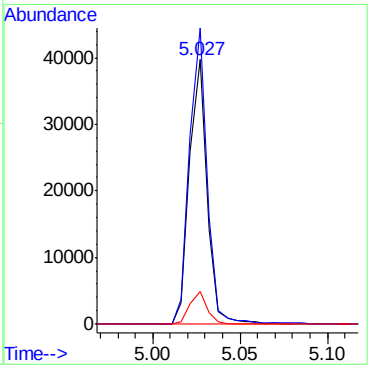


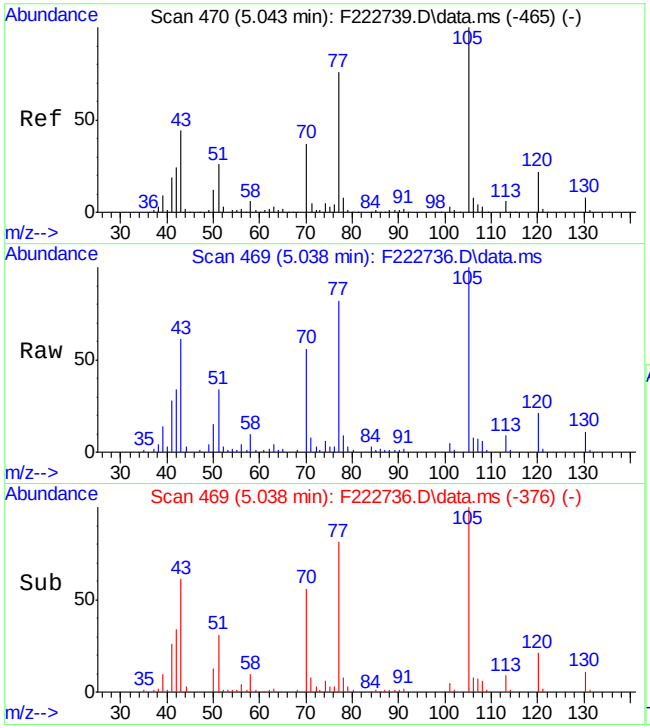


#21
3&4-Methylphenol
Concen: 17.82 ppm
RT: 5.027 min Scan# 467
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:108 Resp: 27877

Ion	Ratio	Lower	Upper
108	100		
107	111.7	80.0	140.0
90	12.3	0.0	41.5

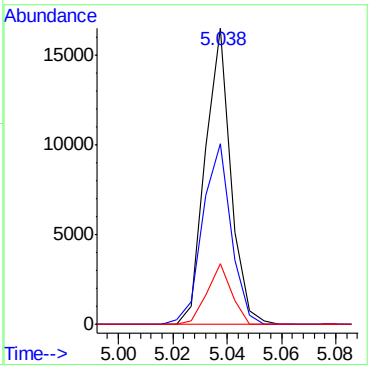


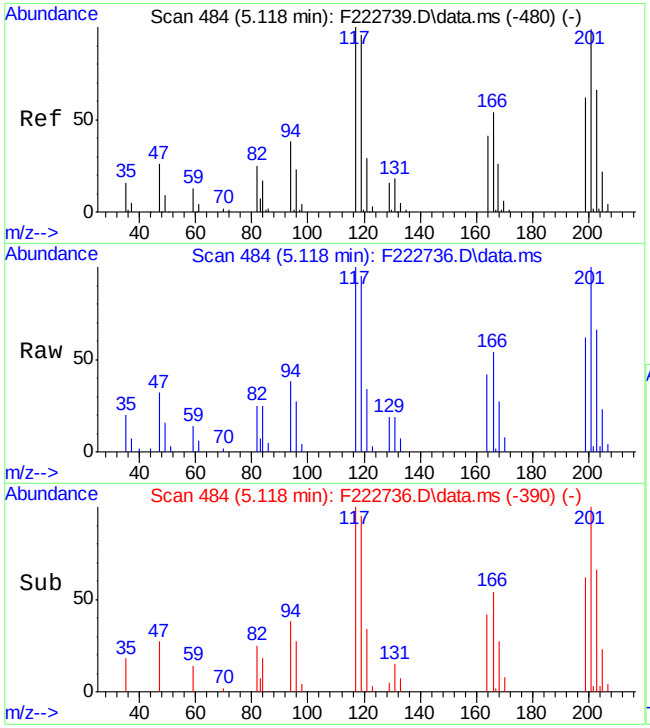


#22
n-Nitroso-di-n-propylamine
Concen: 9.62 ppm
RT: 5.038 min Scan# 469
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 70 Resp: 10749

Ion	Ratio	Lower	Upper
70	100		
42	60.9	44.9	83.5
130	20.4	15.4	28.6

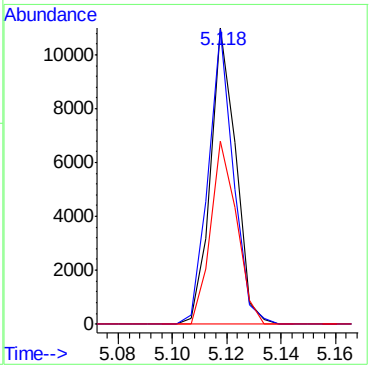


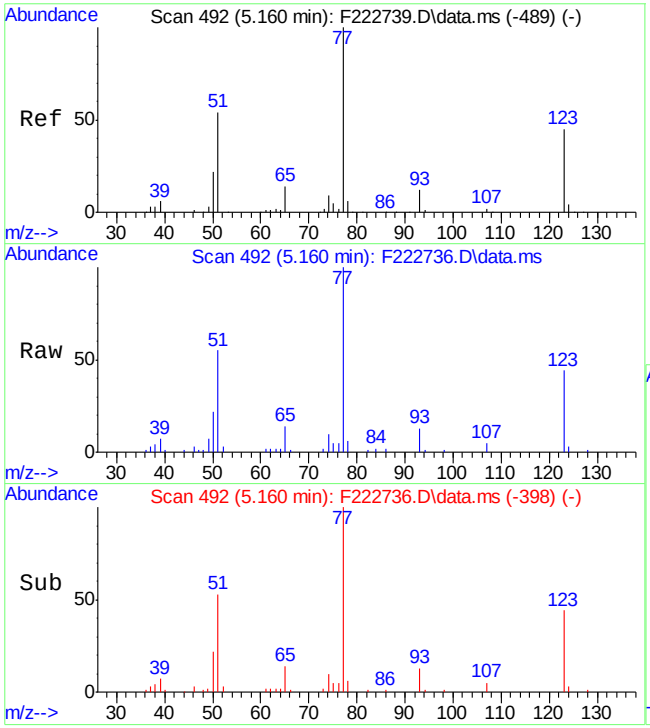


#23
Hexachloroethane
Concen: 9.00 ppm
RT: 5.118 min Scan# 484
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:201 Resp: 7087

Ion	Ratio	Lower	Upper
201	100		
117	99.7	70.8	130.8
199	61.8	32.9	92.9

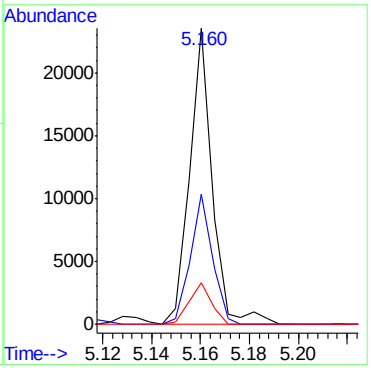


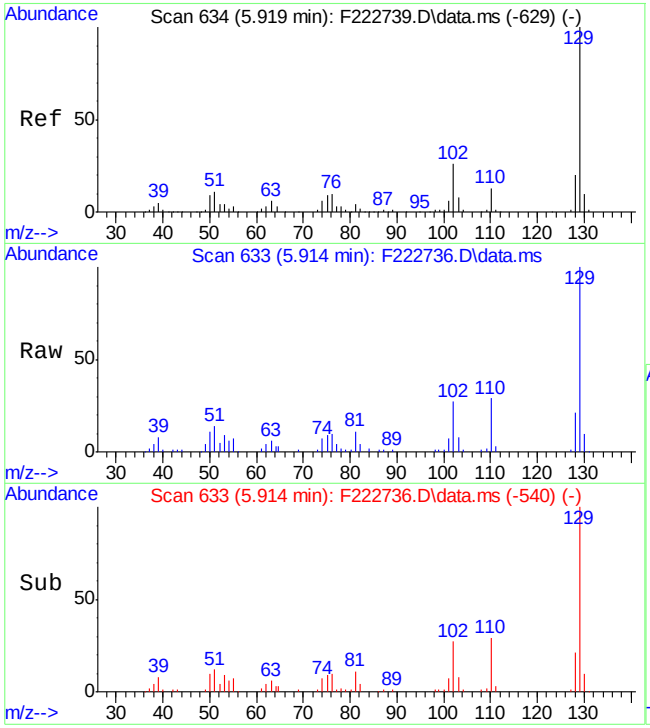


#26
Nitrobenzene
Concen: 9.22 ppm
RT: 5.160 min Scan# 492
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 77 Resp: 15203

Ion	Ratio	Lower	Upper
77	100		
123	44.1	14.9	74.9
65	14.1	0.0	44.3

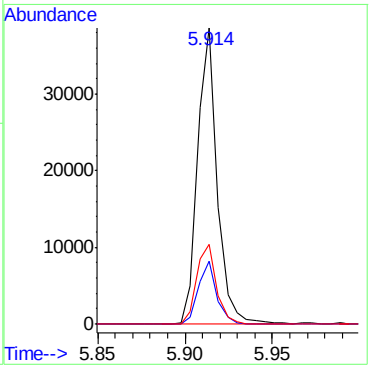


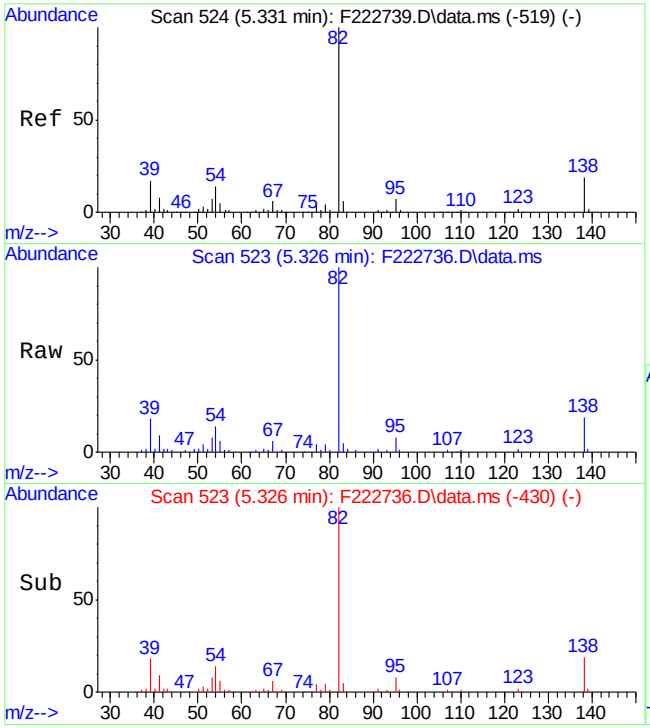


#27
Quinoline
Concen: 9.32 ppm
RT: 5.914 min Scan# 633
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:129 Resp: 30168

Ion	Ratio	Lower	Upper
129	100		
128	21.3	0.0	49.8
102	26.8	0.0	55.7

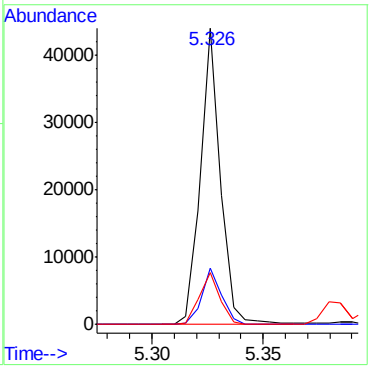


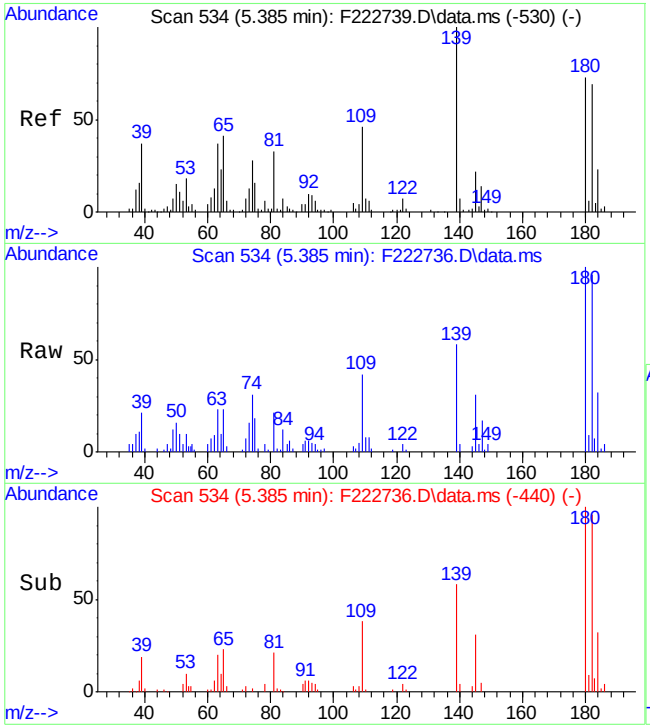


#28
Isophorone
Concen: 9.40 ppm
RT: 5.326 min Scan# 523
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 82 Resp: 27429

Ion	Ratio	Lower	Upper
82	100		
138	18.8	0.0	48.7
39	17.7	0.0	46.7

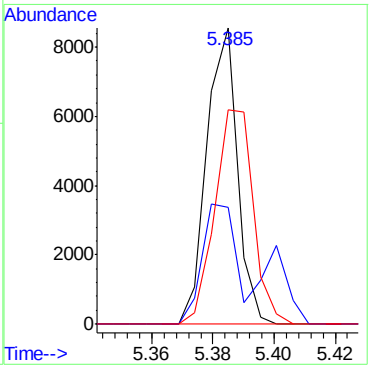


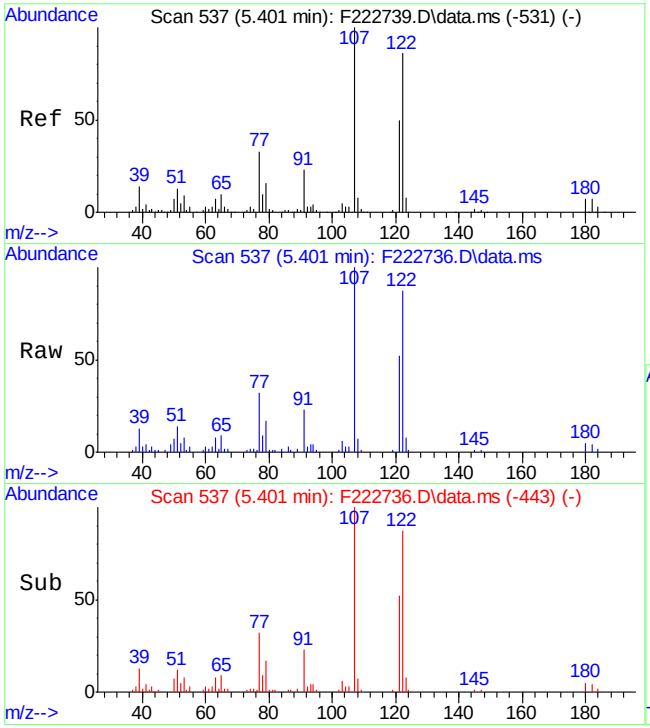


#29
2-Nitrophenol
Concen: 7.54 ppm
RT: 5.385 min Scan# 534
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:139 Resp: 5915

Ion	Ratio	Lower	Upper
139	100		
65	35.4	10.5	70.5
109	72.5	16.1	76.1

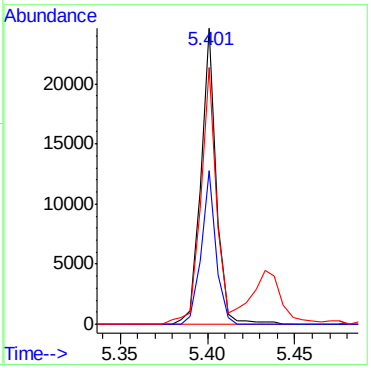


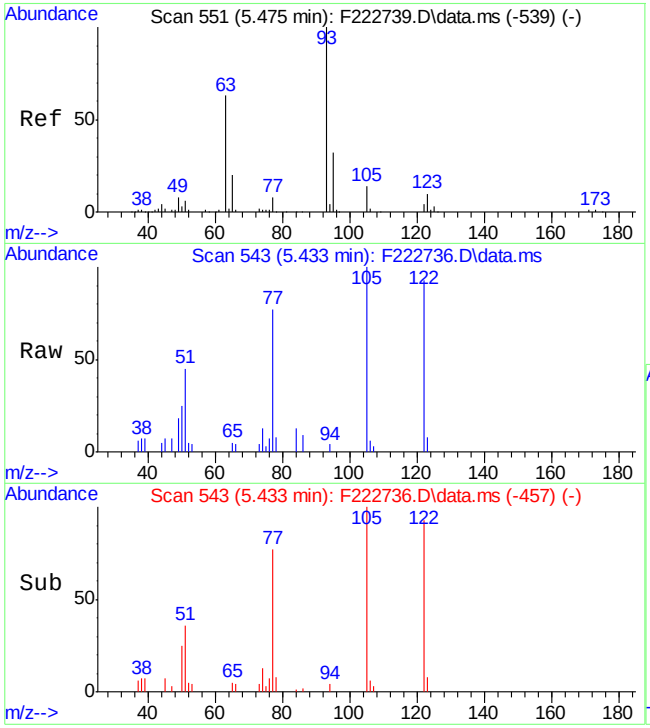


#30
2,4-Dimethylphenol
Concen: 9.22 ppm
RT: 5.401 min Scan# 537
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:107 Resp: 15261

Ion	Ratio	Lower	Upper
107	100		
121	51.8	20.1	80.1
122	85.7	49.3	109.3

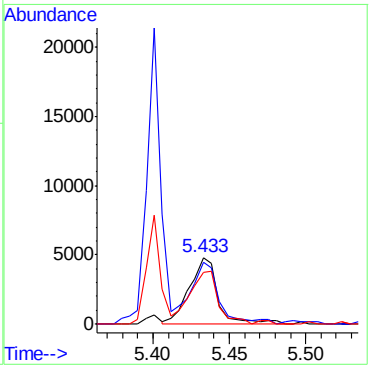


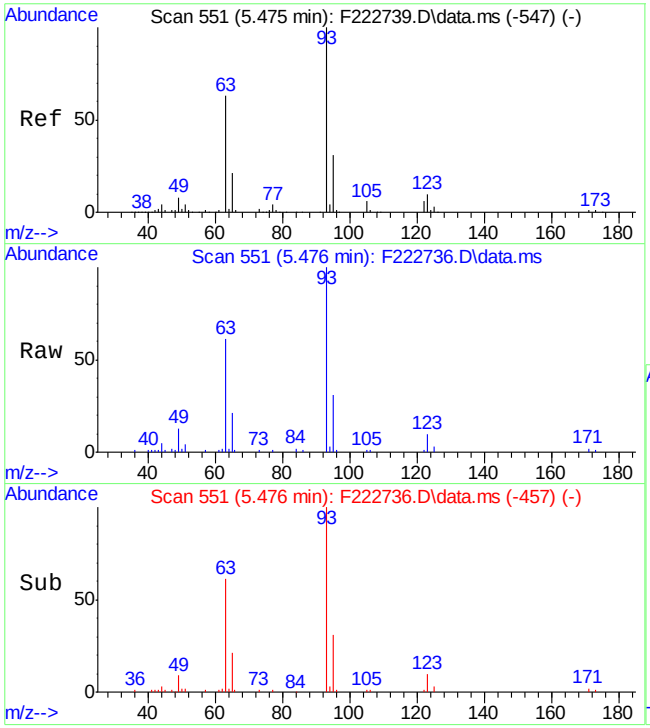


#31
Benzoic acid
Concen: 6.53 ppm
RT: 5.433 min Scan# 543
Delta R.T. -0.043 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:105 Resp: 6234

Ion	Ratio	Lower	Upper
105	100		
122	8.3	28.8	88.8#
77	51.9	34.7	94.7

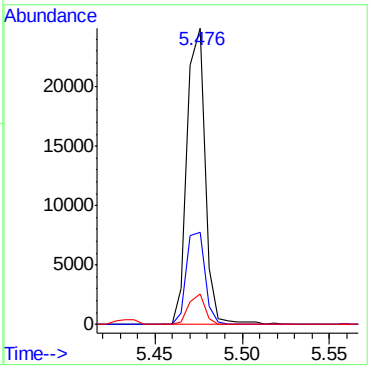


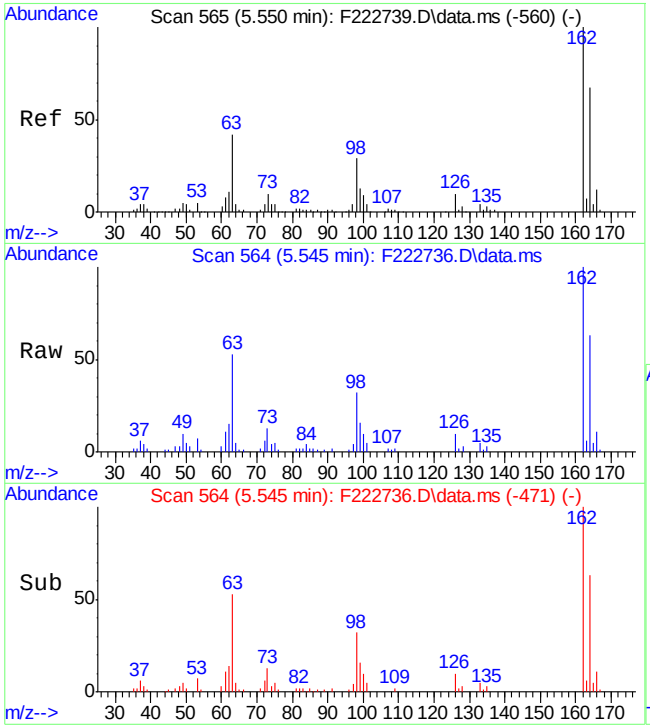


#32
bis(2-Chloroethoxy)methane
Concen: 9.48 ppm
RT: 5.476 min Scan# 551
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 93 Resp: 17972

Ion	Ratio	Lower	Upper
93	100		
95	30.9	1.4	61.4
123	10.4	0.0	40.0

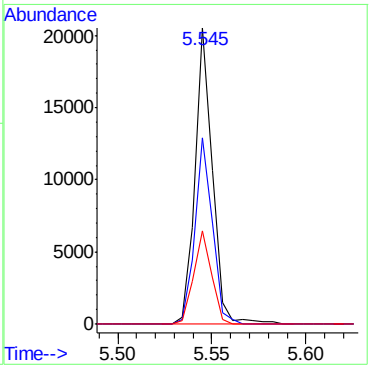


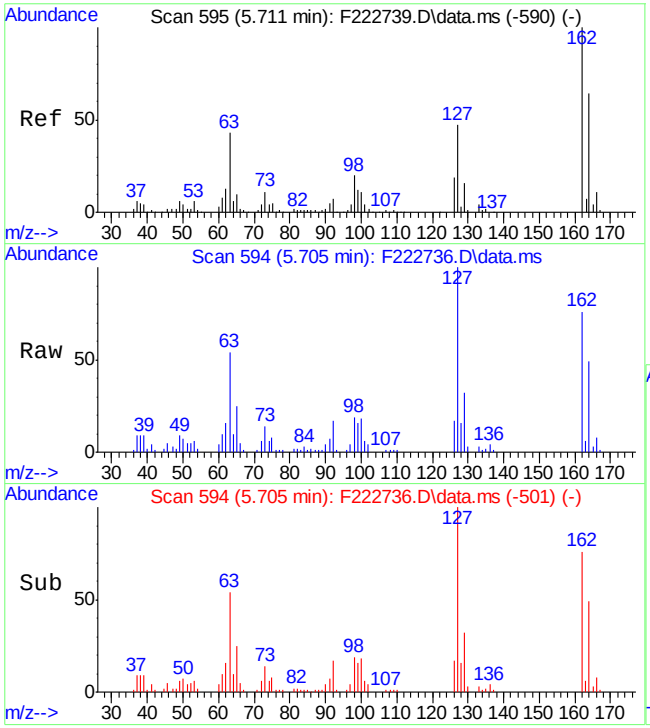


#33
2,4-Dichlorophenol
Concen: 8.98 ppm
RT: 5.545 min Scan# 564
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:162 Resp: 13086

Ion	Ratio	Lower	Upper
162	100		
164	62.9	36.7	96.7
98	31.5	0.0	59.1

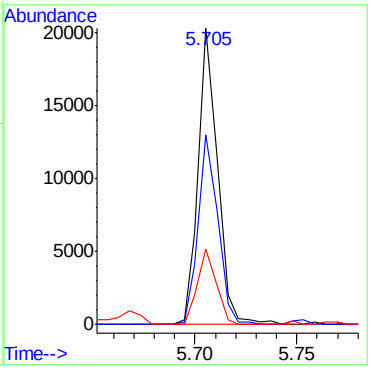


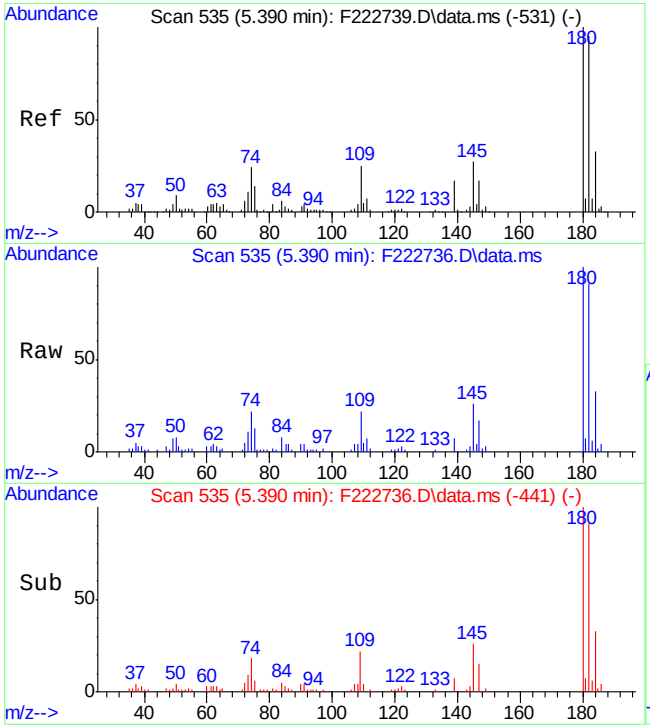


#34
2,6-Dichlorophenol
Concen: 8.88 ppm
RT: 5.705 min Scan# 594
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:162 Resp: 13344

Ion	Ratio	Lower	Upper
162	100		
164	63.4	34.3	94.3
98	24.8	0.0	49.7

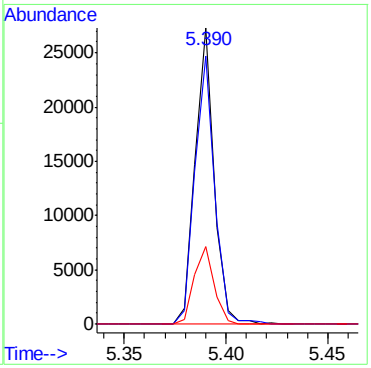


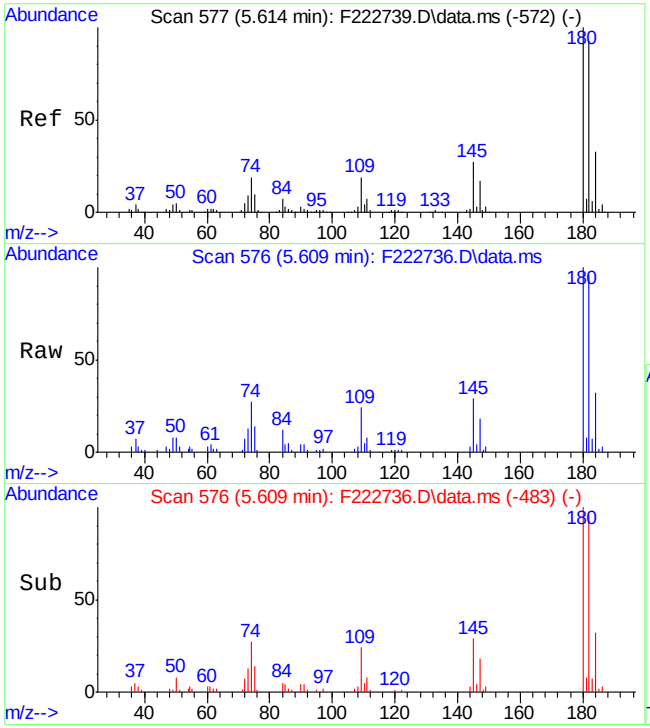


#35
1,3,5-Trichlorobenzene
Concen: 9.39 ppm
RT: 5.390 min Scan# 535
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:180 Resp: 17437

Ion	Ratio	Lower	Upper
180	100		
182	90.6	65.3	125.3
145	26.1	0.0	57.4

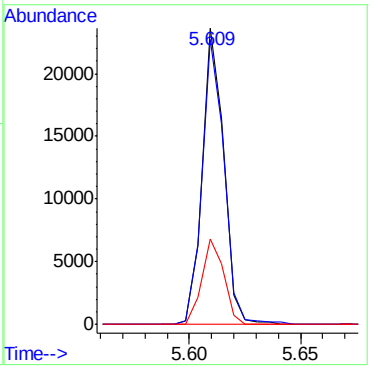


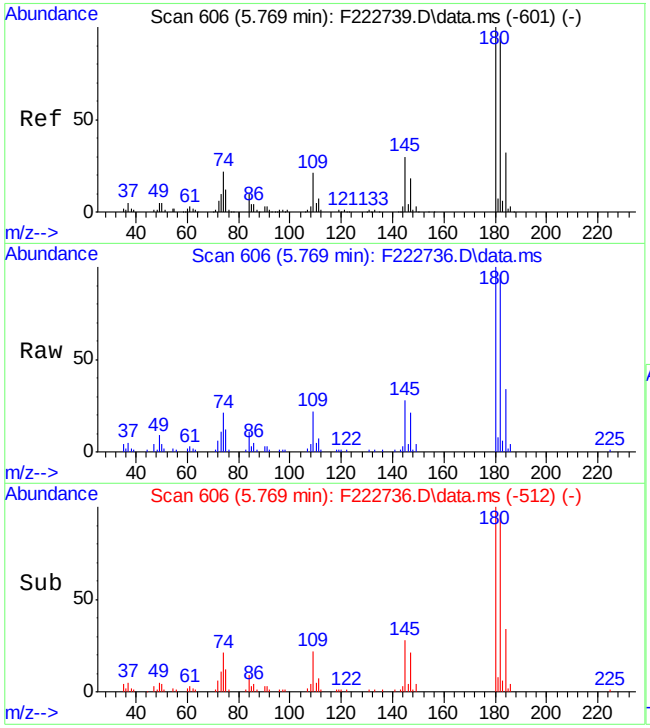


#36
1,2,4-Trichlorobenzene
Concen: 9.17 ppm
RT: 5.609 min Scan# 576
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:180 Resp: 15952

Ion	Ratio	Lower	Upper
180	100		
182	96.1	63.3	123.3
145	28.8	0.0	56.9

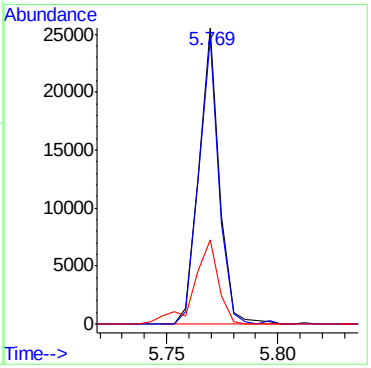


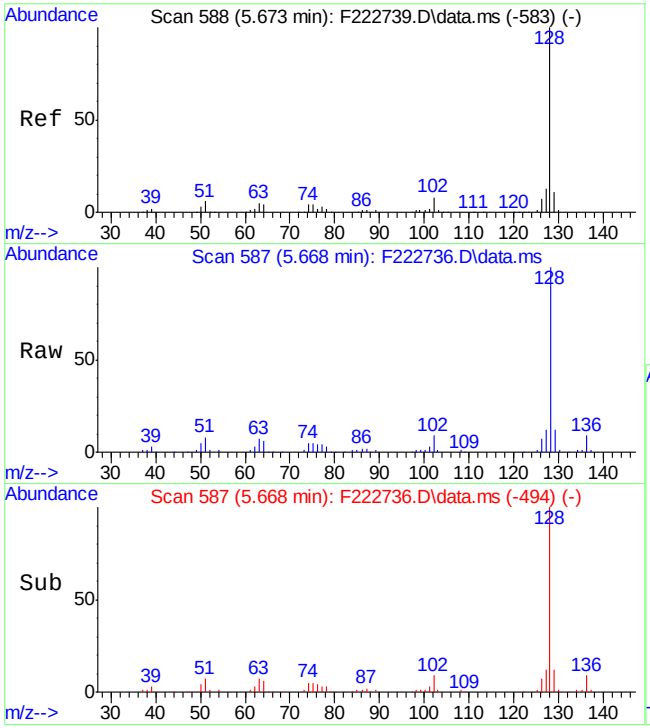


#37
1,2,3-Trichlorobenzene
Concen: 9.07 ppm
RT: 5.769 min Scan# 606
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:180 Resp: 16184

Ion	Ratio	Lower	Upper
180	100		
182	96.5	64.7	124.7
145	27.1	0.0	59.8

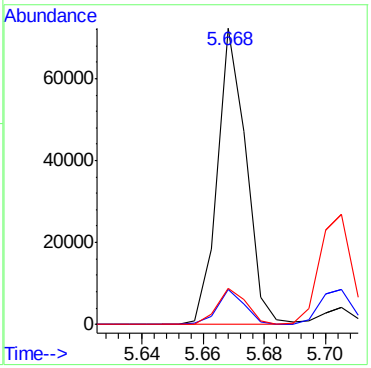


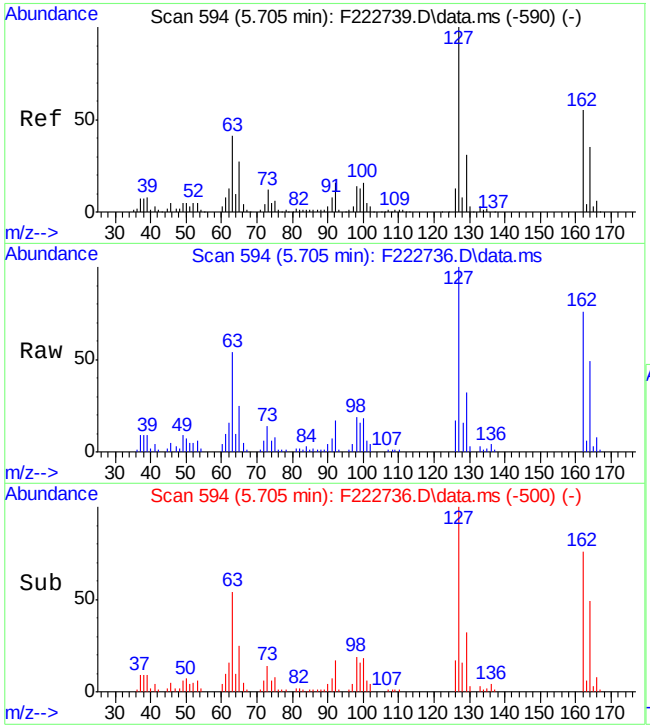


#38
Naphthalene
Concen: 9.54 ppm
RT: 5.668 min Scan# 587
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:128 Resp: 47097

Ion	Ratio	Lower	Upper
128	100		
129	11.7	0.0	40.5
127	12.0	0.0	42.8

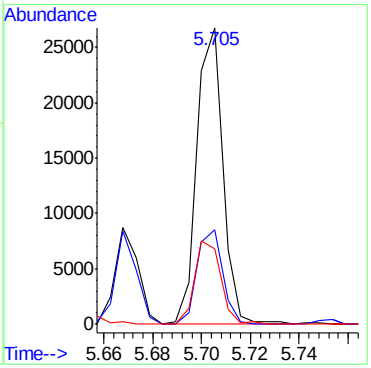


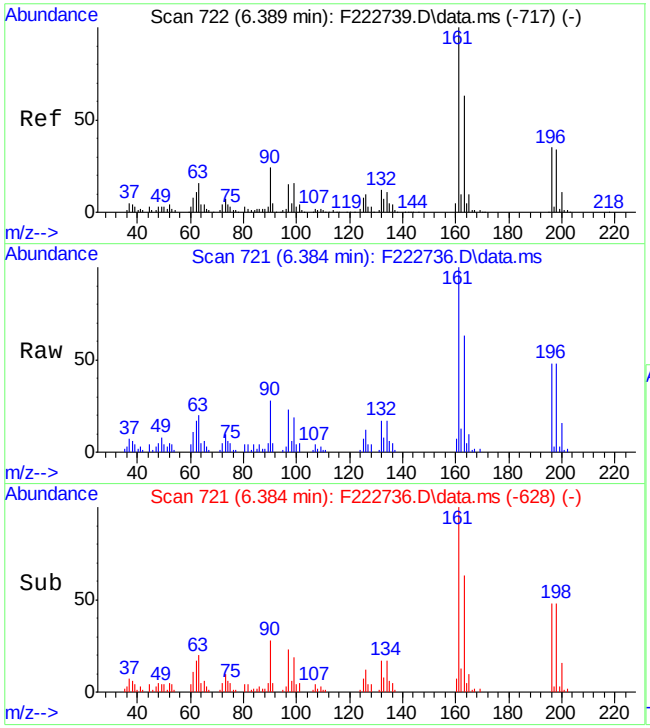


#39
4-Chloroaniline
Concen: 9.18 ppm
RT: 5.705 min Scan# 594
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:127 Resp: 19754

Ion	Ratio	Lower	Upper
127	100		
129	31.9	1.4	61.4
65	25.3	0.0	57.0

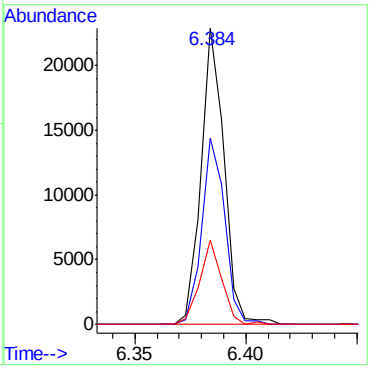


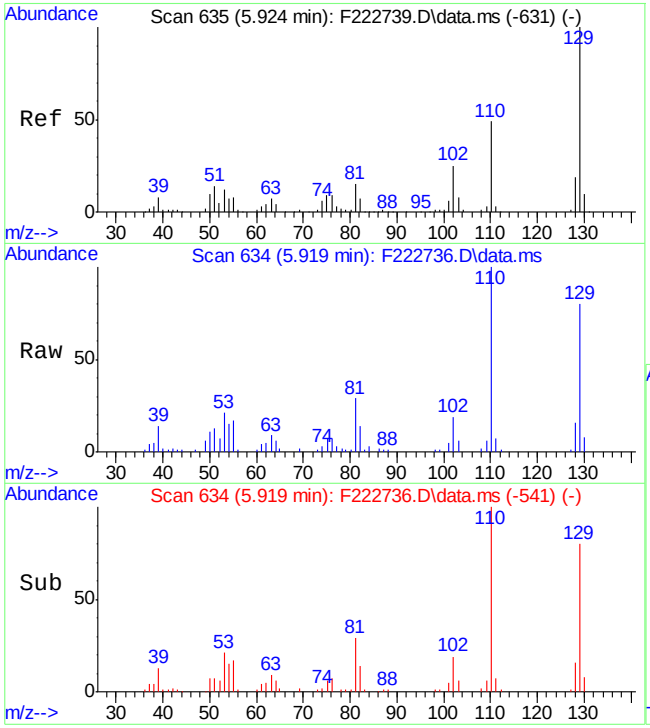


#40
2,3-Dichloroaniline
Concen: 9.43 ppm
RT: 6.384 min Scan# 721
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:161 Resp: 16529

Ion	Ratio	Lower	Upper
161	100		
163	62.8	32.9	92.9
90	28.3	0.0	54.3

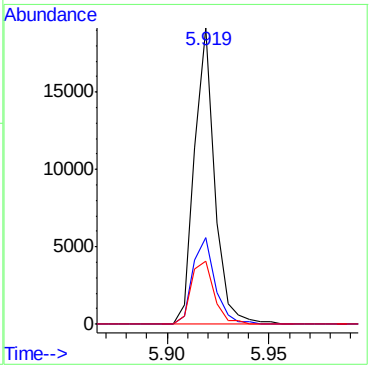


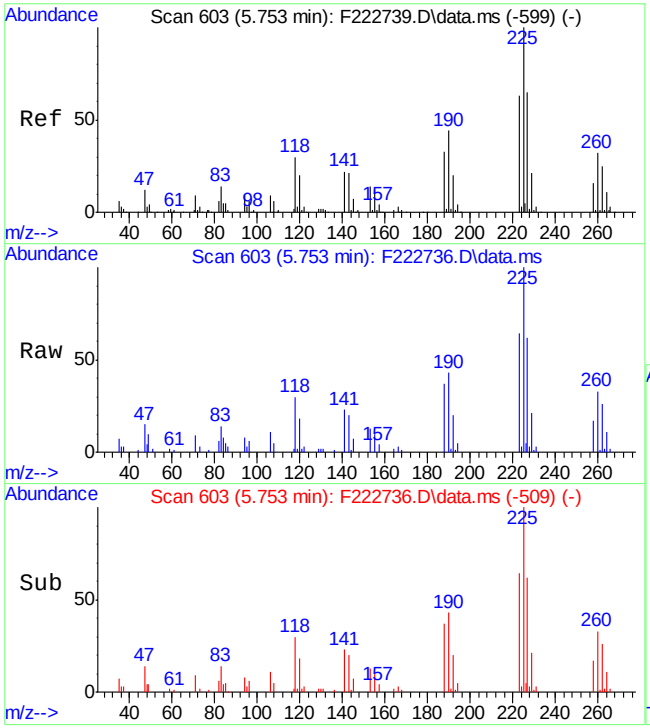


#41
Hydroquinone
Concen: 9.00 ppm
RT: 5.919 min Scan# 634
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:110 Resp: 13068

Ion	Ratio	Lower	Upper
110	100		
81	29.1	0.7	60.7
53	21.1	0.0	54.6

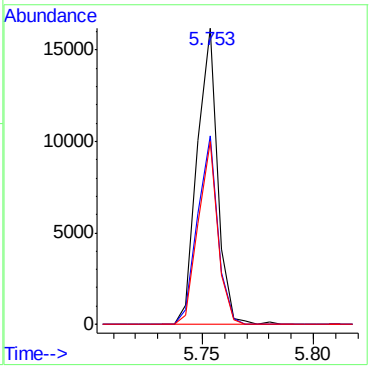


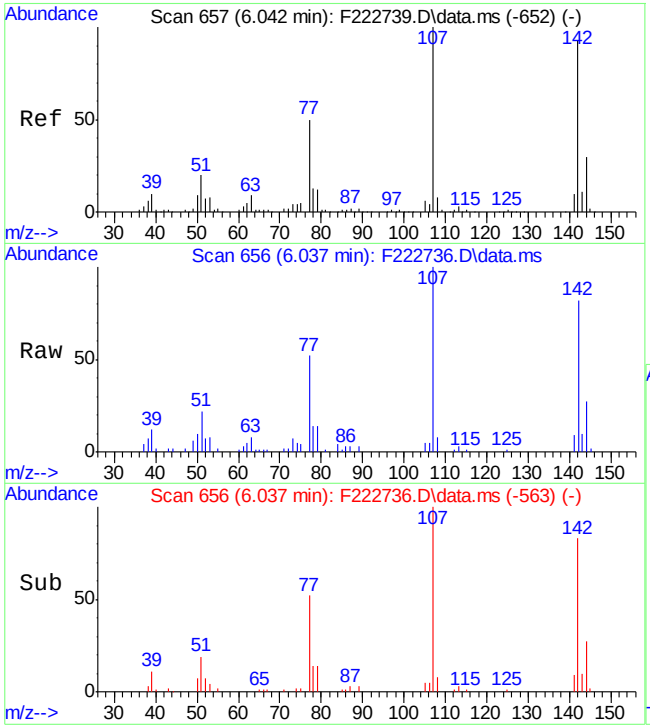


#42
Hexachlorobutadiene
Concen: 9.13 ppm
RT: 5.753 min Scan# 603
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:225 Resp: 10277

Ion	Ratio	Lower	Upper
225	100		
223	63.7	33.1	93.1
227	61.6	35.0	95.0

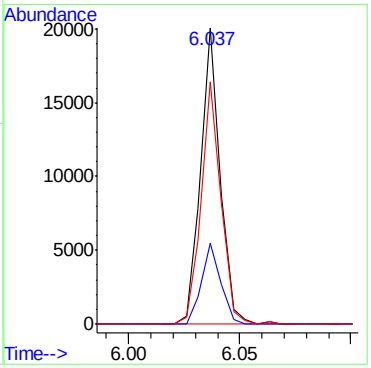


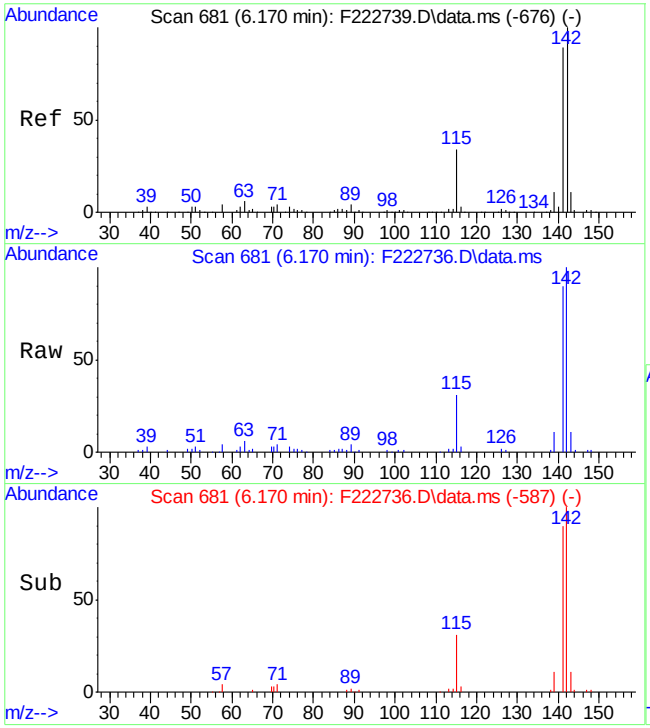


#43
4-Chloro-3-methylphenol
Concen: 9.15 ppm
RT: 6.037 min Scan# 656
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:107 Resp: 12388

Ion	Ratio	Lower	Upper
107	100		
144	27.1	0.0	59.6
142	81.8	62.6	122.6

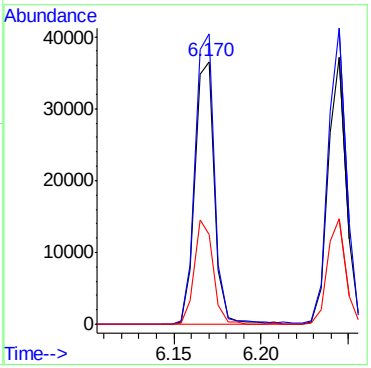


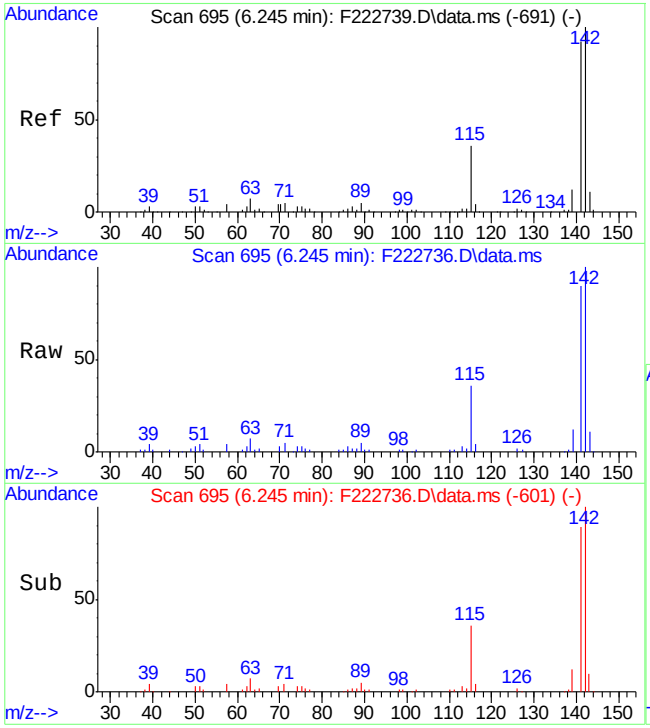


#44
2-Methylnaphthalene
Concen: 9.49 ppm
RT: 6.170 min Scan# 681
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:141 Resp: 28623

Ion	Ratio	Lower	Upper
141	100		
142	110.2	82.0	142.0
115	34.4	8.2	68.2

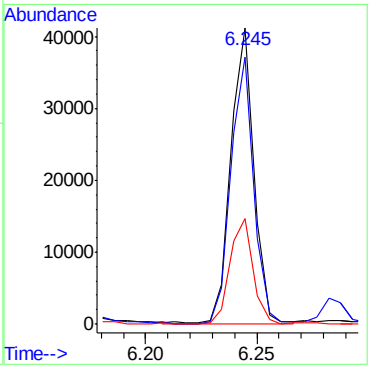


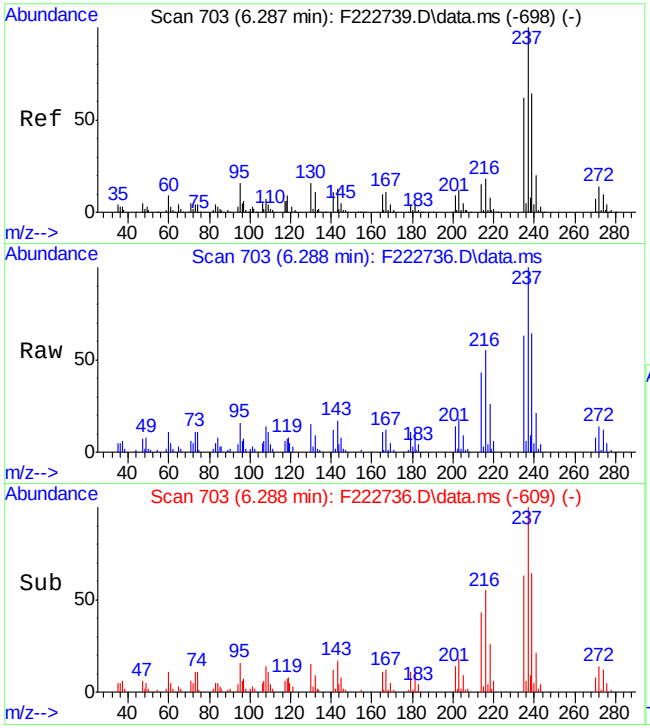


#45
1-Methylnaphthalene
Concen: 9.62 ppm
RT: 6.245 min Scan# 695
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:142 Resp: 29902

Ion	Ratio	Lower	Upper
142	100		
141	90.0	61.5	121.5
115	35.4	5.8	65.8

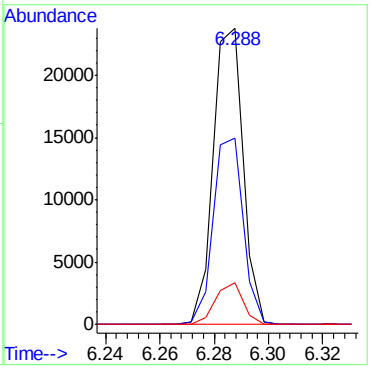


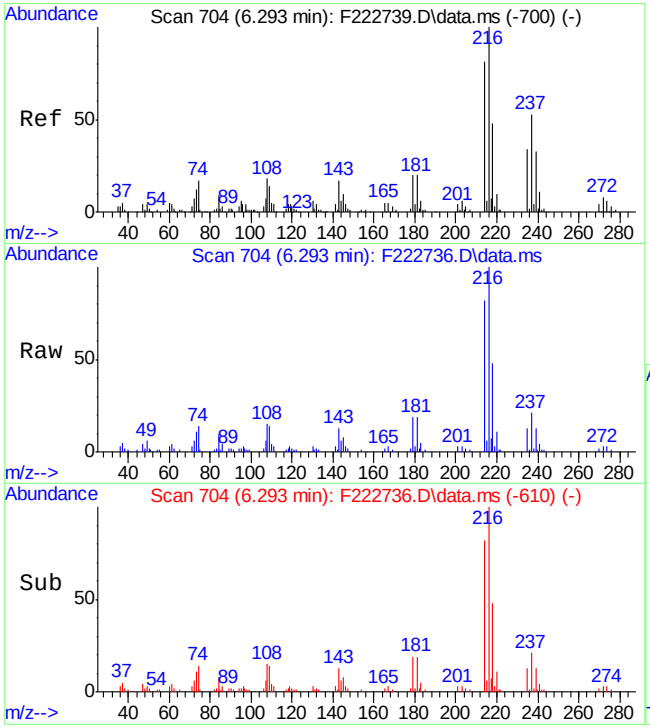


#47
Hexachlorocyclopentadiene
Concen: 16.05 ppm
RT: 6.288 min Scan# 703
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:237 Resp: 18229

Ion	Ratio	Lower	Upper
237	100		
235	62.7	32.2	92.2
272	13.9	0.0	43.6

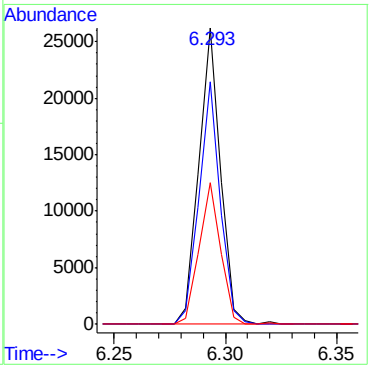


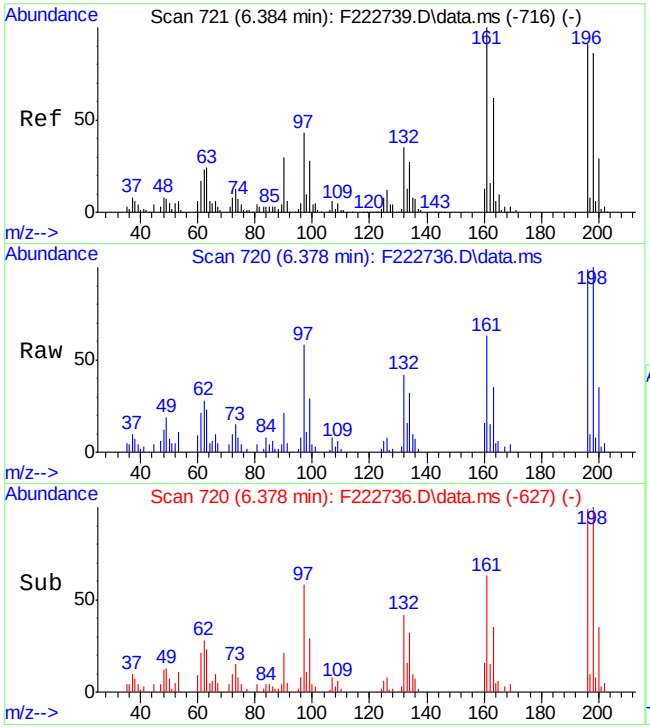


#48
1,2,4,5-tetrachlorobenzene
Concen: 9.14 ppm
RT: 6.293 min Scan# 704
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:216 Resp: 17656

Ion	Ratio	Lower	Upper
216	100		
214	79.9	55.4	103.0
218	47.2	33.4	62.0

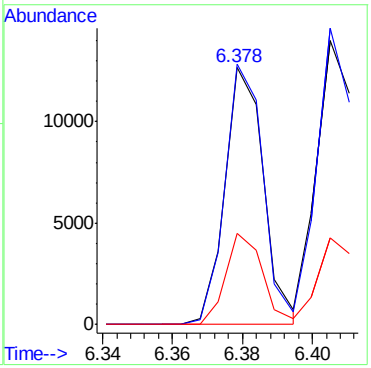


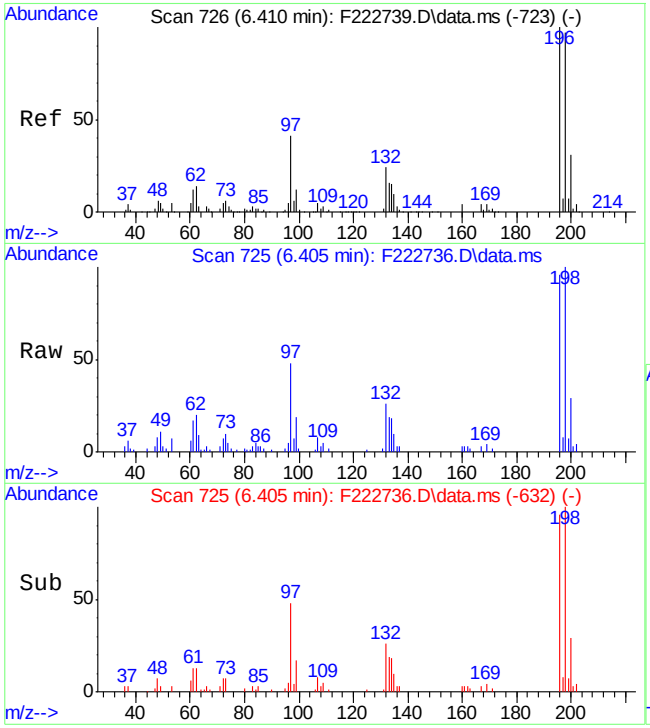


#49
2,4,6-Trichlorophenol
Concen: 8.34 ppm
RT: 6.378 min Scan# 720
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:196 Resp: 9738

Ion	Ratio	Lower	Upper
196	100		
198	101.3	64.2	124.2
200	35.2	2.2	62.2

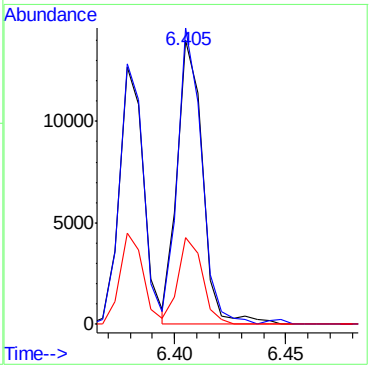


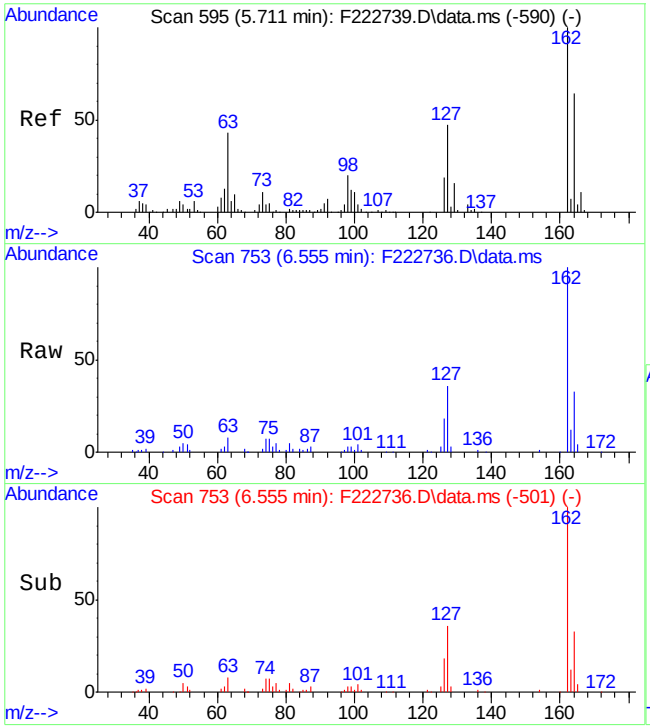


#50
2,4,5-Trichlorophenol
Concen: 8.41 ppm
RT: 6.405 min Scan# 725
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:196 Resp: 11067

Ion	Ratio	Lower	Upper
196	100		
198	104.6	67.0	127.0
200	30.0	1.2	61.2

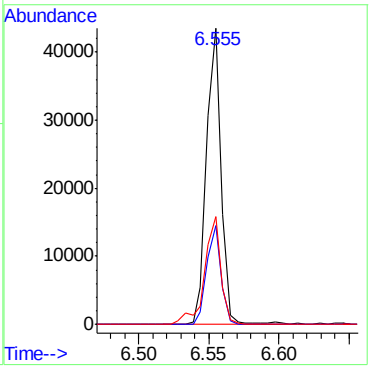


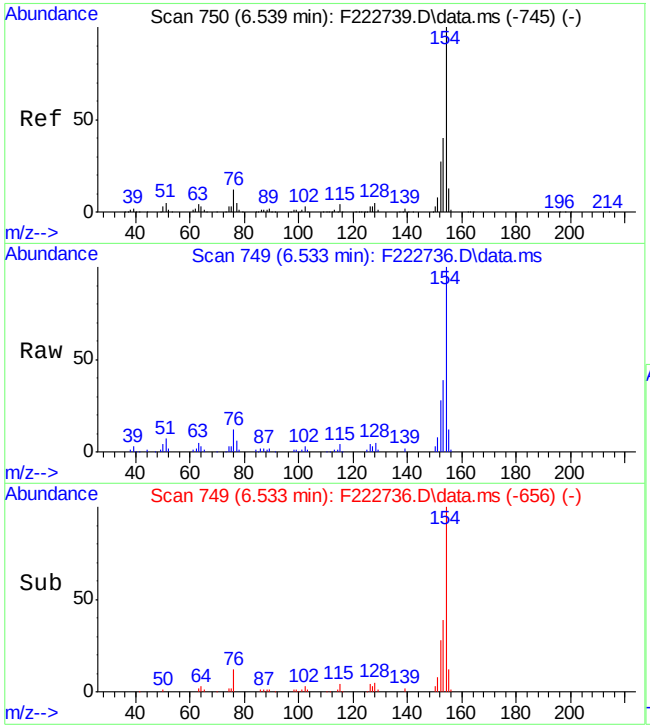


#52
2-Chloronaphthalene
Concen: 21.20 ppm m
RT: 6.555 min Scan# 753
Delta R.T. 0.844 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:162 Resp: 31749

Ion	Ratio	Lower	Upper
162	100		
164	33.3	34.3	94.3#
127	36.5	16.9	76.9

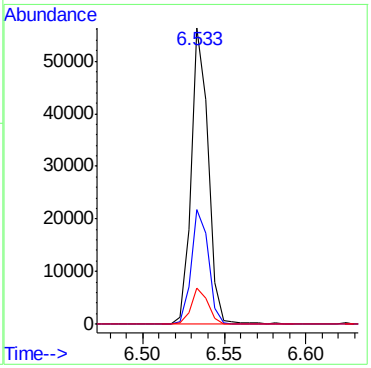


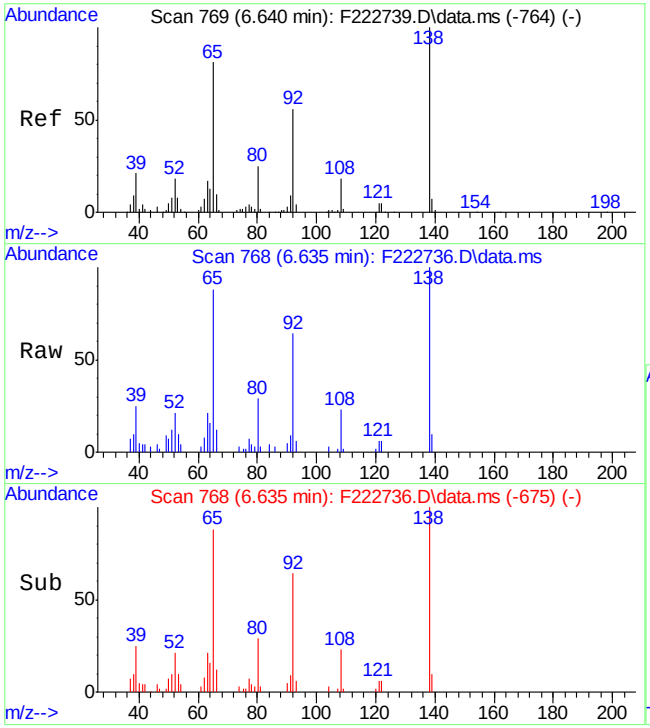


#53
Biphenyl
Concen: 9.46 ppm
RT: 6.533 min Scan# 749
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:154 Resp: 40999

Ion	Ratio	Lower	Upper
154	100		
153	38.6	9.8	69.8
155	12.2	0.0	42.7

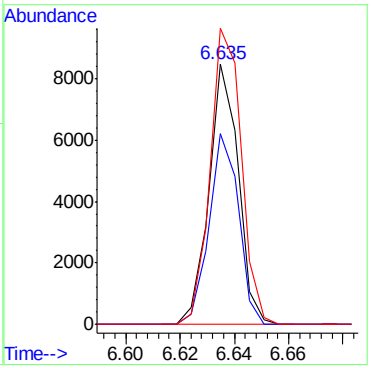


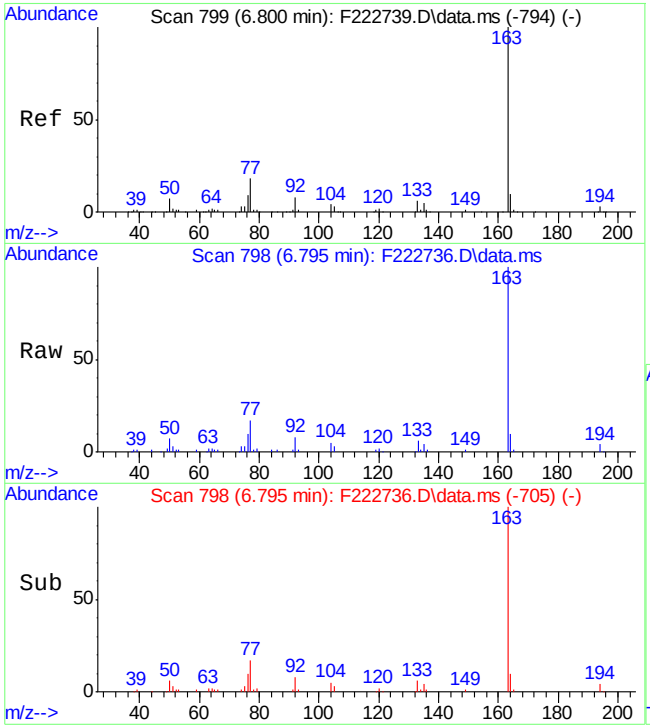


#54
2-Nitroaniline
Concen: 7.89 ppm
RT: 6.635 min Scan# 768
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 65 Resp: 6345

Ion	Ratio	Lower	Upper
65	100		
92	73.1	38.6	98.6
138	113.7	93.5	153.5

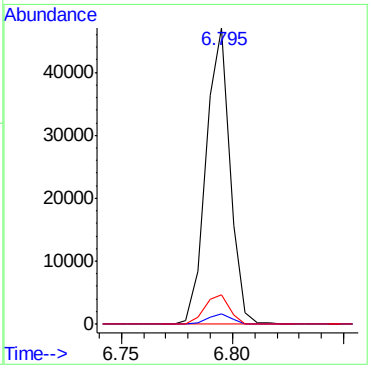


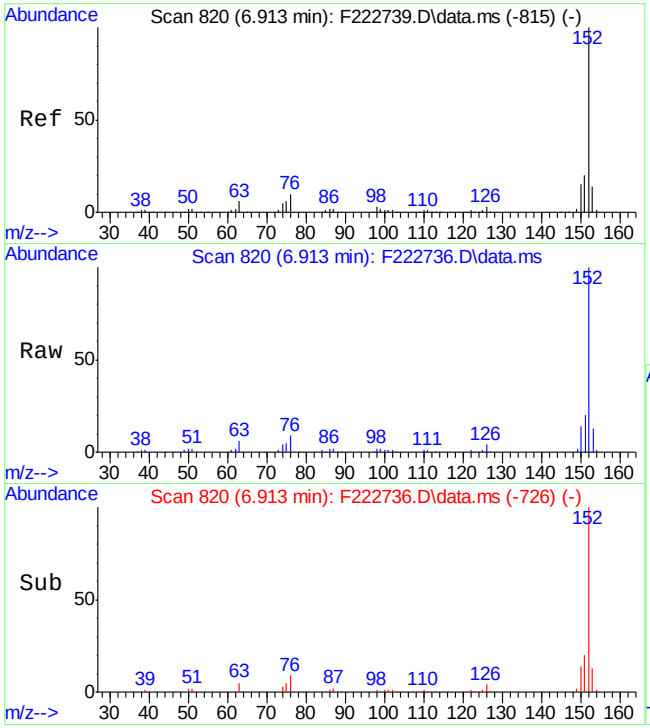


#55
Dimethylphthalate
Concen: 9.52 ppm
RT: 6.795 min Scan# 798
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:163 Resp: 35347

Ion	Ratio	Lower	Upper
163	100		
194	3.5	0.0	33.4
164	9.8	0.0	40.3

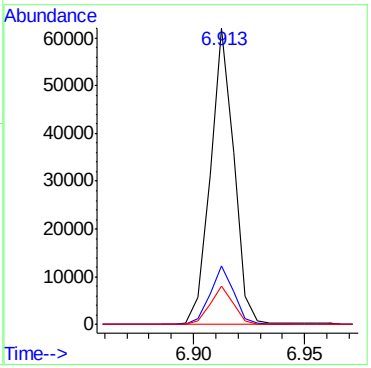


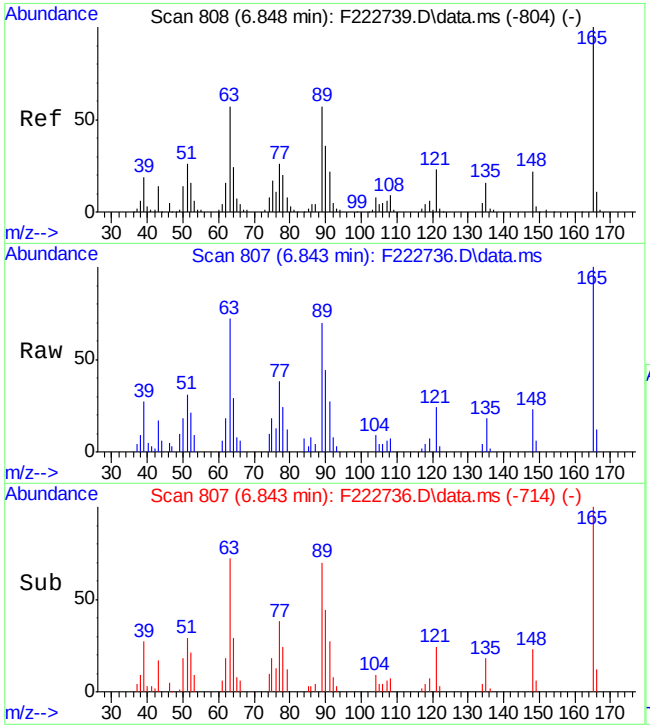


#56
Acenaphthylene
Concen: 9.57 ppm
RT: 6.913 min Scan# 820
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:152 Resp: 45662

Ion	Ratio	Lower	Upper
152	100		
151	19.6	0.0	49.9
153	12.8	0.0	43.5

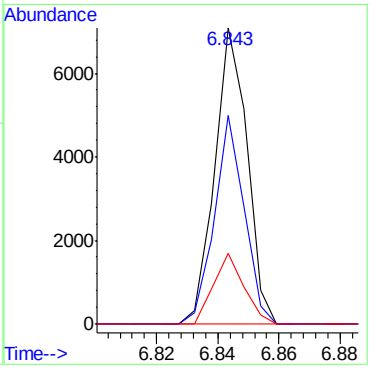


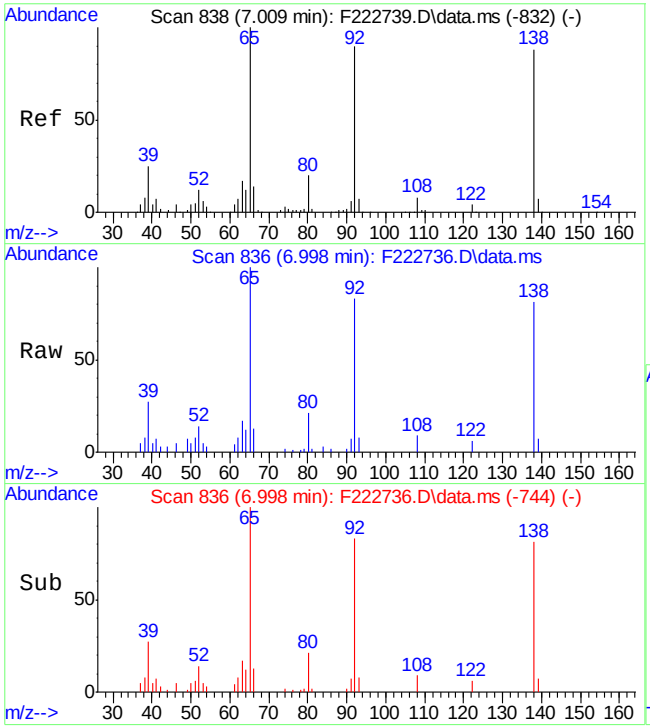


#57
2,6-Dinitrotoluene
Concen: 7.36 ppm
RT: 6.843 min Scan# 807
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:165 Resp: 5217

Ion	Ratio	Lower	Upper
165	100		
89	70.4	27.1	87.1
121	24.1	0.0	52.5

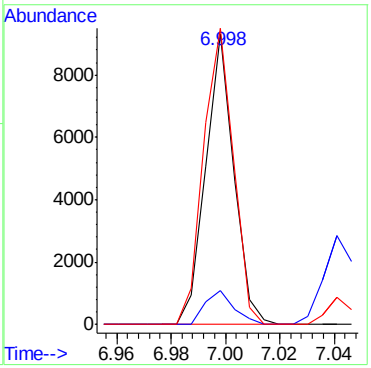


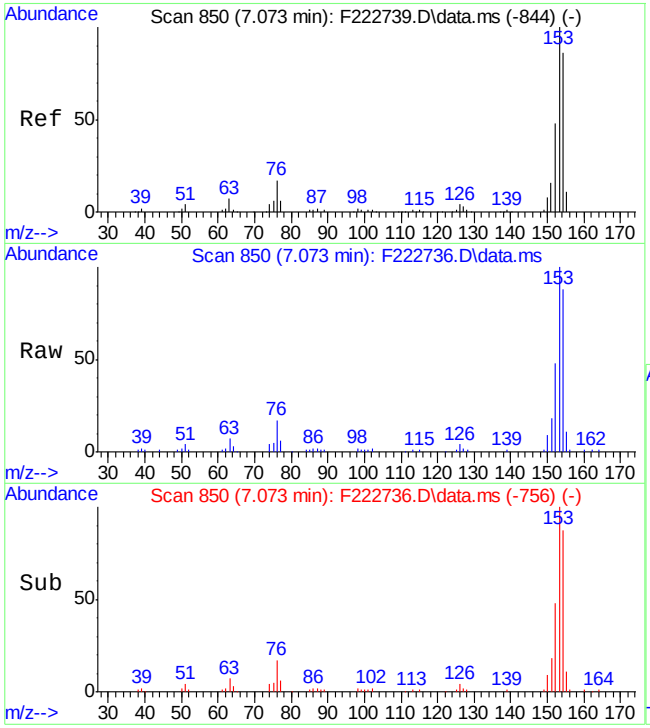


#58
3-Nitroaniline
Concen: 7.88 ppm
RT: 6.998 min Scan# 836
Delta R.T. -0.011 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:138 Resp: 6681

Ion	Ratio	Lower	Upper
138	100		
108	11.7	0.0	37.0
92	101.8	72.1	132.1

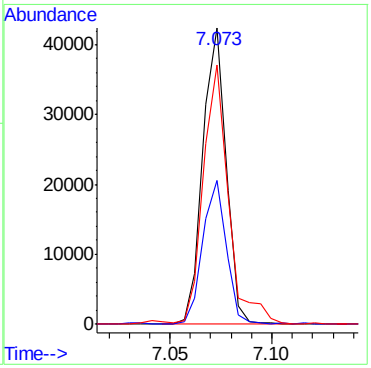


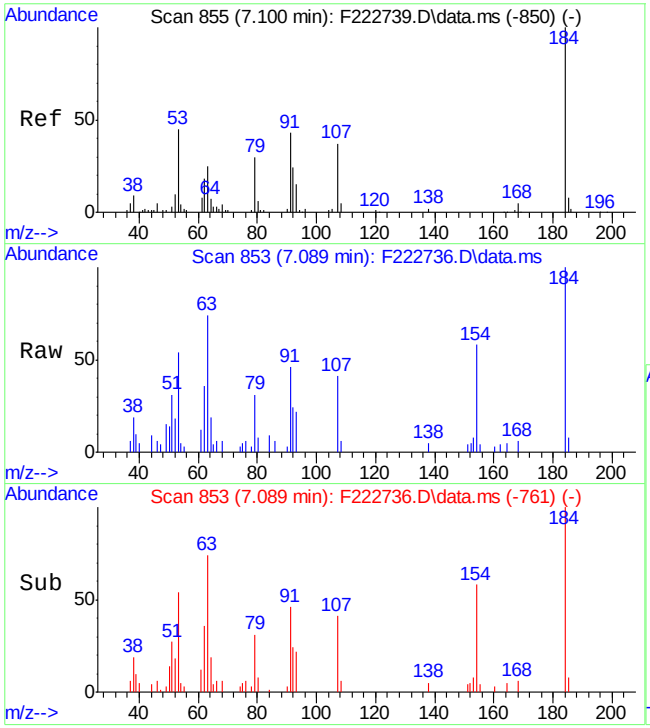


#59
Acenaphthene
Concen: 9.54 ppm
RT: 7.073 min Scan# 850
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:153 Resp: 33430

Ion	Ratio	Lower	Upper
153	100		
152	48.4	17.5	77.5
154	87.3	49.9	109.9

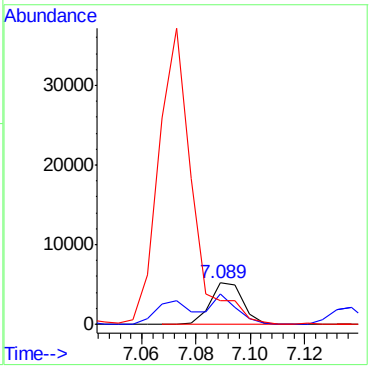


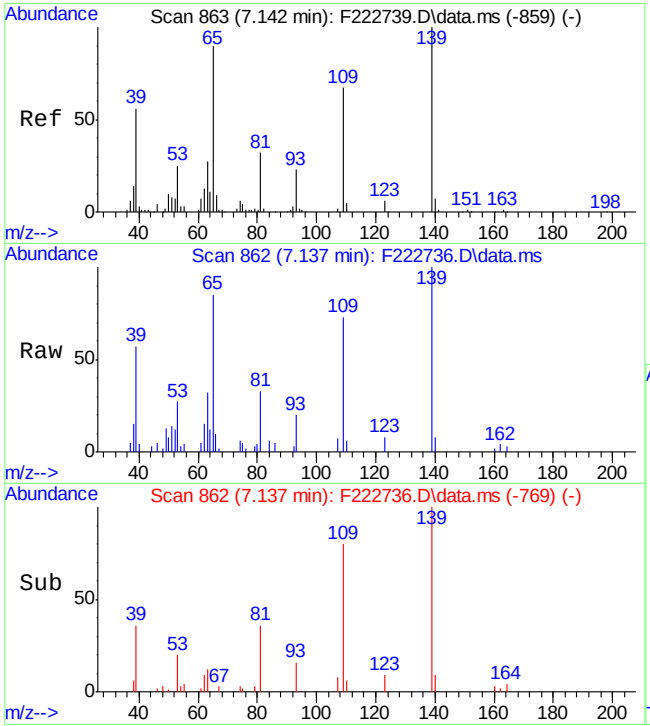


#60
2,4-Dinitrophenol
Concen: 11.36 ppm
RT: 7.089 min Scan# 853
Delta R.T. -0.011 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:184 Resp: 4320

Ion	Ratio	Lower	Upper
184	100		
63	49.6	4.1	64.1
154	0.0	0.0	30.0

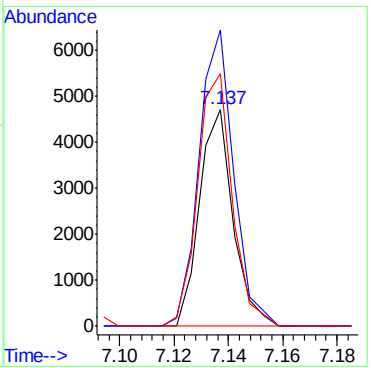


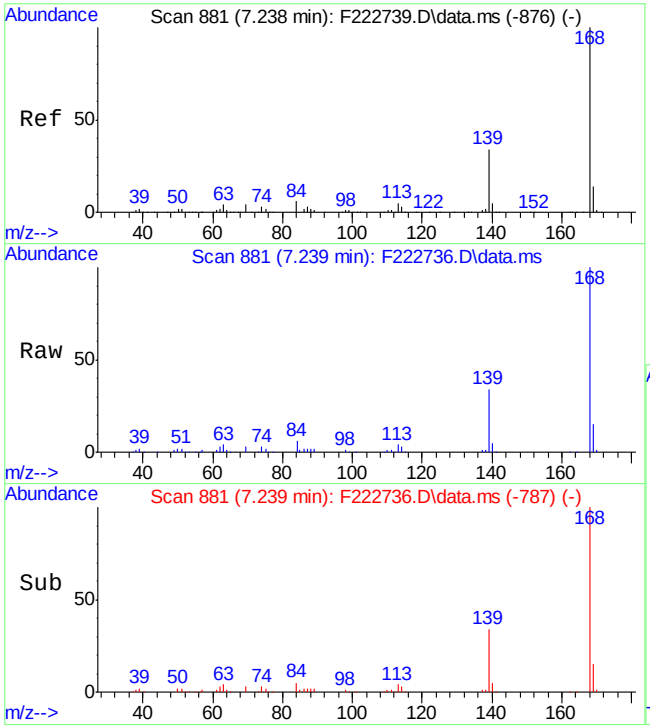


#61
4-Nitrophenol
Concen: 8.29 ppm
RT: 7.137 min Scan# 862
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:109 Resp: 4008

Ion	Ratio	Lower	Upper
109	100		
139	136.7	119.2	179.2
65	116.6	104.1	164.1

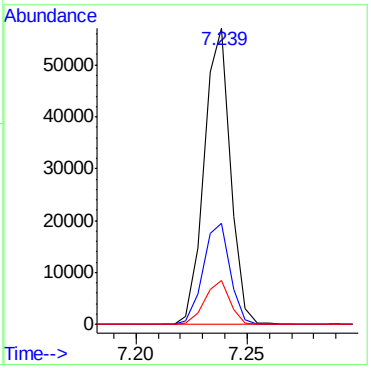


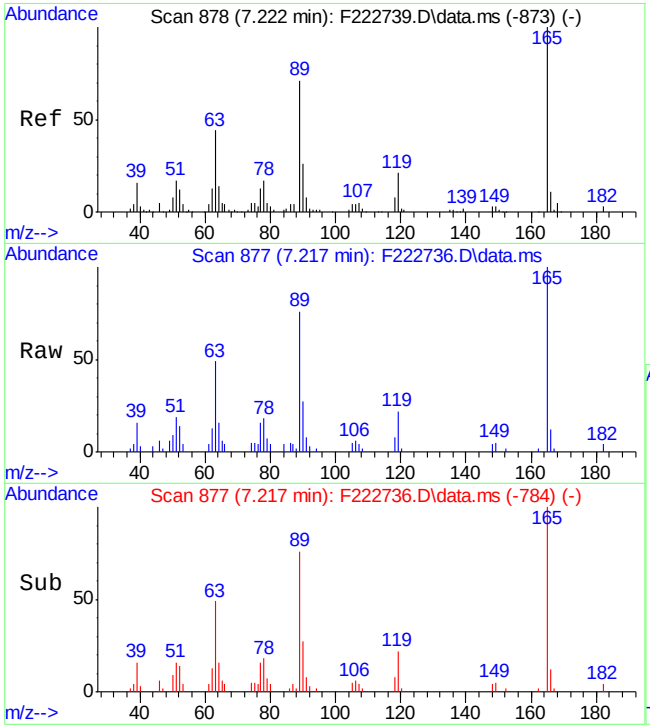


#62
Dibenzofuran
Concen: 9.43 ppm
RT: 7.239 min Scan# 881
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:168 Resp: 46917

Ion	Ratio	Lower	Upper
168	100		
139	34.1	4.3	64.3
169	14.6	0.0	43.5

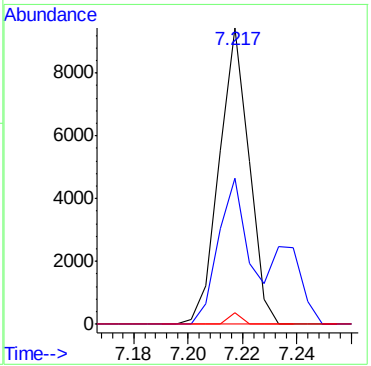


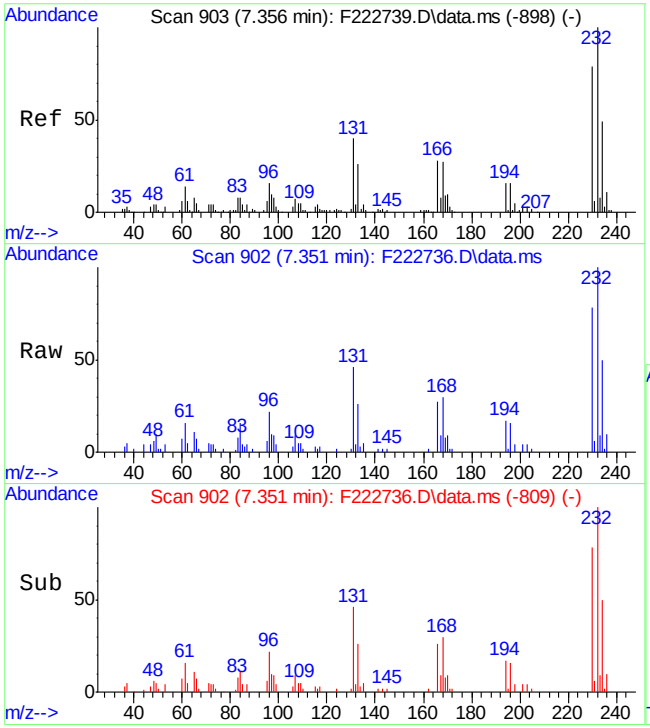


#63
2,4-Dinitrotoluene
Concen: 7.07 ppm
RT: 7.217 min Scan# 877
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:165 Resp: 7147

Ion	Ratio	Lower	Upper
165	100		
63	36.2	13.5	73.5
182	3.8	0.0	33.0

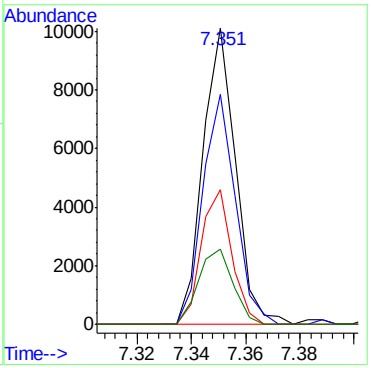


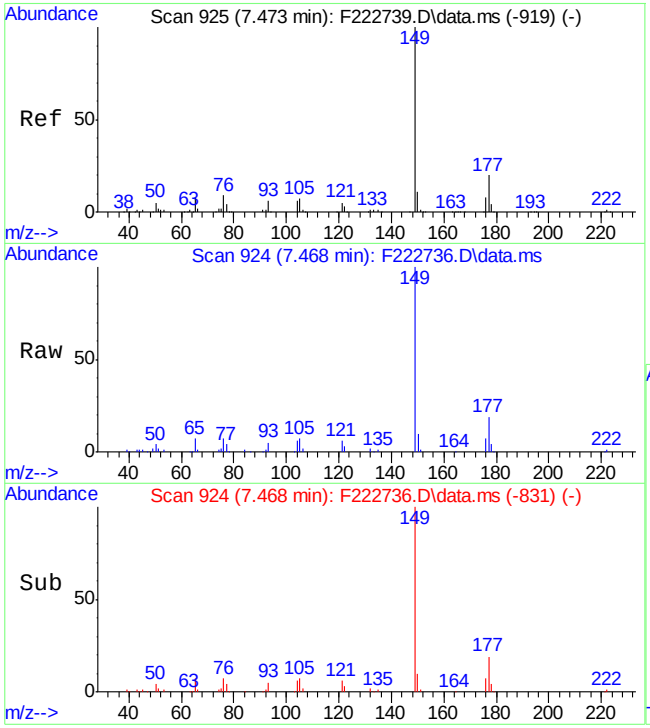


#64
2,3,4,6-Tetrachlorophenol
Concen: 8.39 ppm
RT: 7.351 min Scan# 902
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:232 Resp: 8405

Ion	Ratio	Lower	Upper
232	100		
230	77.8	49.1	109.1
131	45.6	9.6	69.6
133	25.6	0.0	55.9

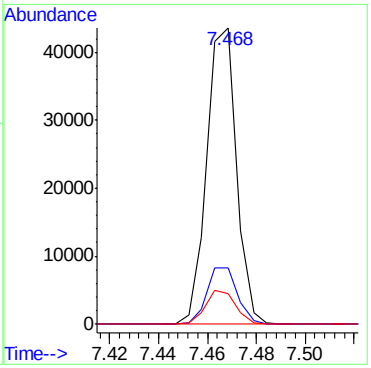


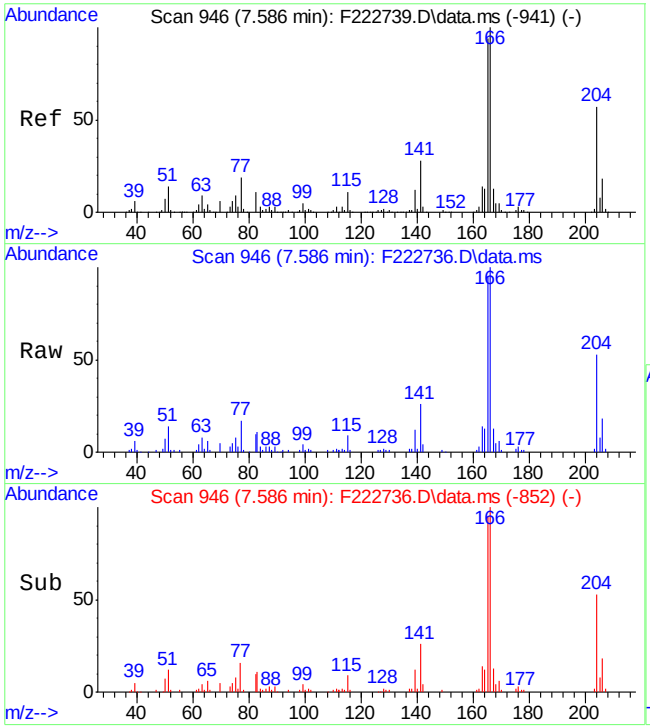


#65
Diethylphthalate
Concen: 9.40 ppm
RT: 7.468 min Scan# 924
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:149 Resp: 36760

Ion	Ratio	Lower	Upper
149	100		
177	19.2	0.0	50.0
150	10.1	0.0	41.3

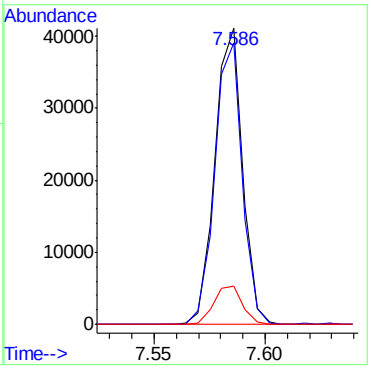


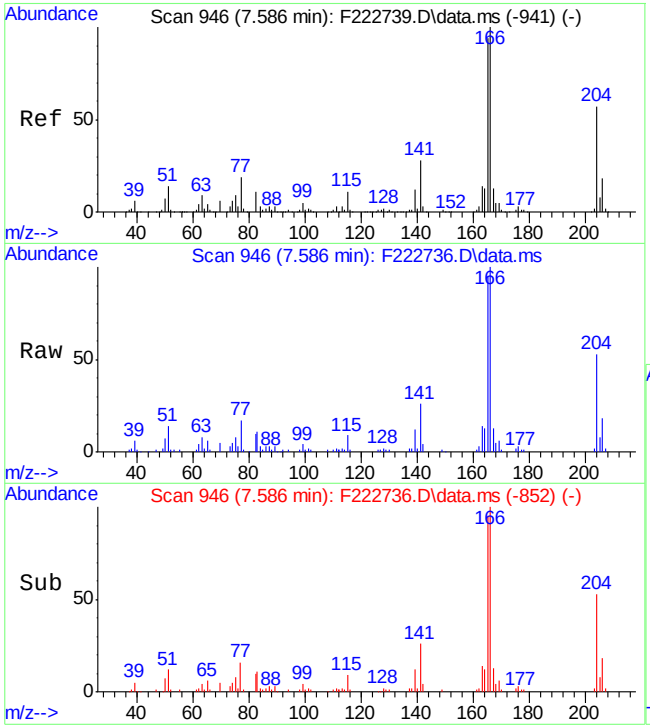


#66
Fluorene
Concen: 9.01 ppm
RT: 7.586 min Scan# 946
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:166 Resp: 35661

Ion	Ratio	Lower	Upper
166	100		
165	95.1	63.9	123.9
167	12.8	0.0	43.3

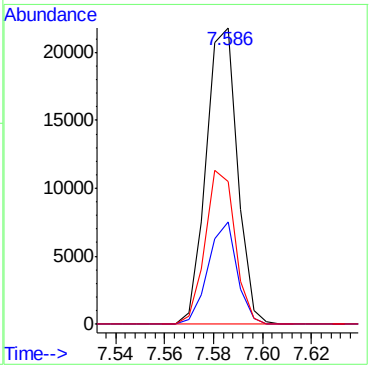


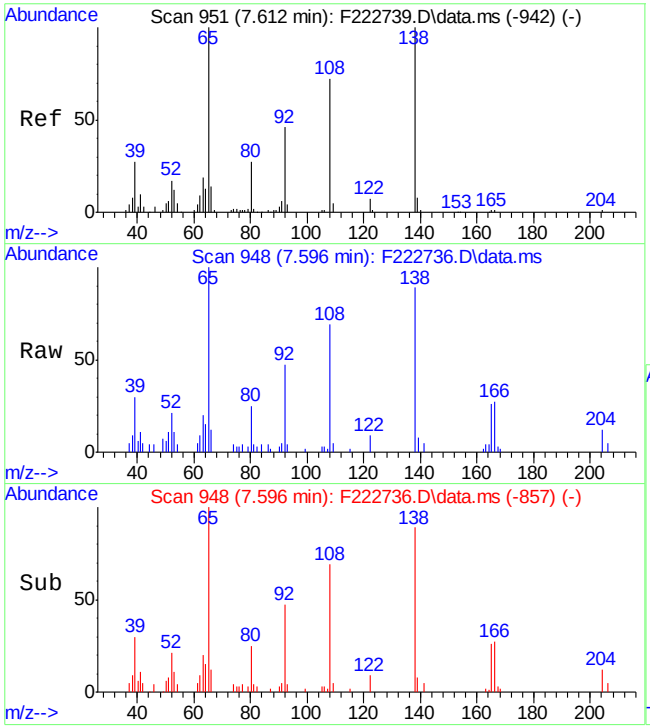


#67
4-Chlorophenyl-phenylether
Concen: 9.34 ppm
RT: 7.586 min Scan# 946
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:204 Resp: 19383

Ion	Ratio	Lower	Upper
204	100		
206	34.4	1.1	61.1
141	48.3	19.4	79.4

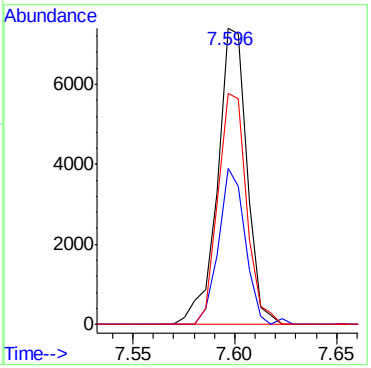


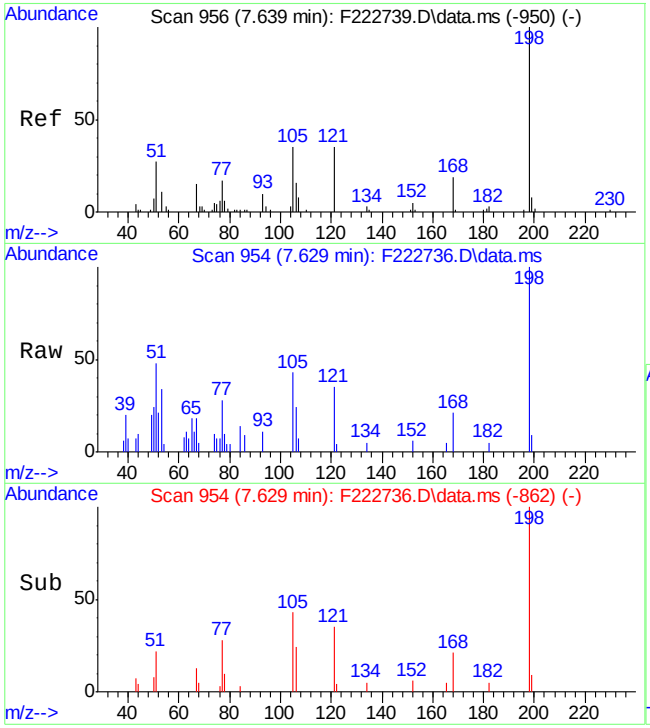


#68
4-Nitroaniline
Concen: 8.06 ppm
RT: 7.596 min Scan# 948
Delta R.T. -0.016 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:138 Resp: 7450

Ion	Ratio	Lower	Upper
138	100		
92	52.8	15.6	75.6
108	78.0	42.0	102.0

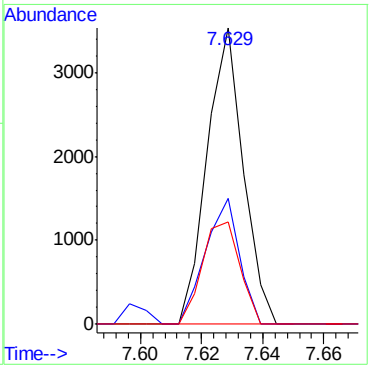


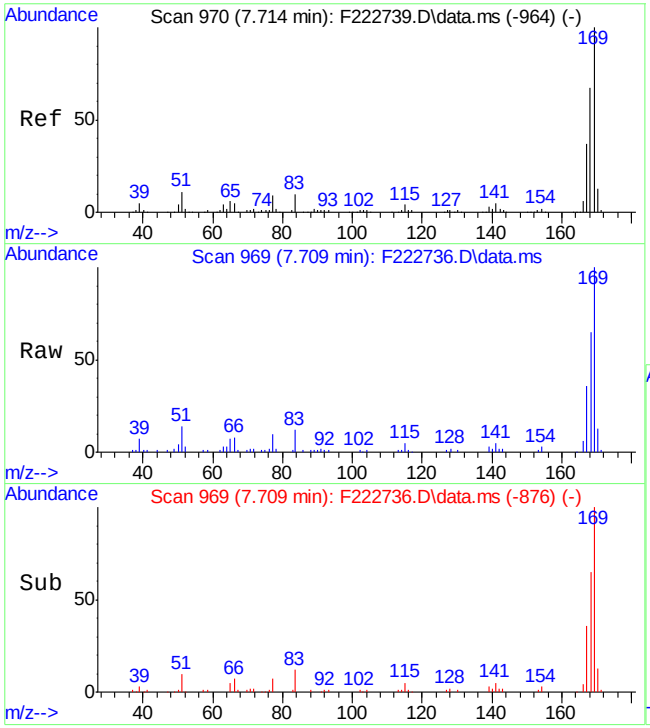


#70
4,6-Dinitro-2-methylphenol
Concen: 6.14 ppm
RT: 7.629 min Scan# 954
Delta R.T. -0.011 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:198 Resp: 2891

Ion	Ratio	Lower	Upper
198	100		
105	42.6	5.1	65.1
121	34.6	4.9	64.9

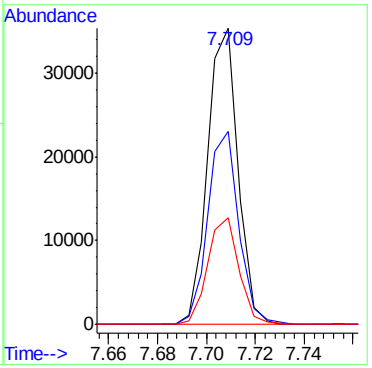


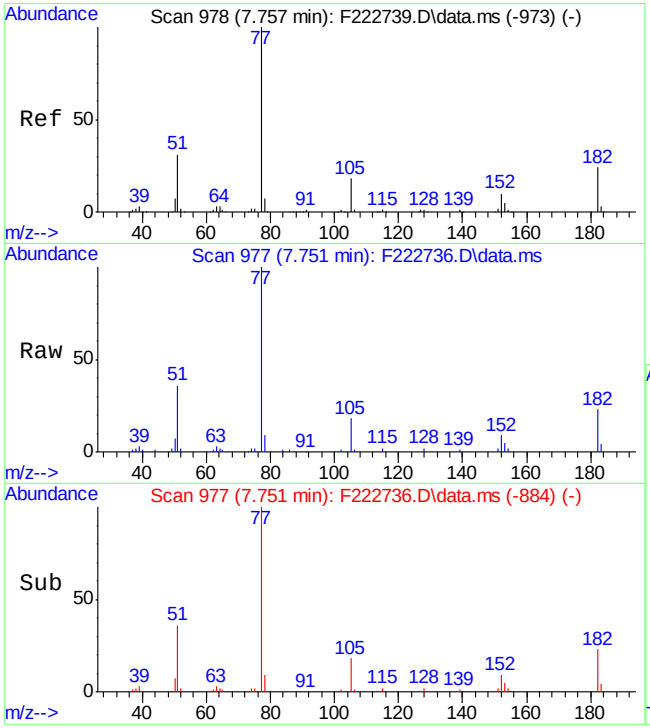


#71
n-Nitrosodiphenylamine
Concen: 9.32 ppm
RT: 7.709 min Scan# 969
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:169 Resp: 30463

Ion	Ratio	Lower	Upper
169	100		
168	65.1	36.8	96.8
167	36.2	6.9	66.9

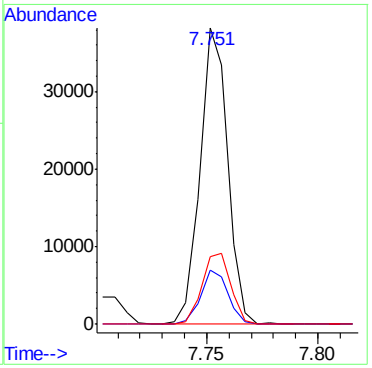


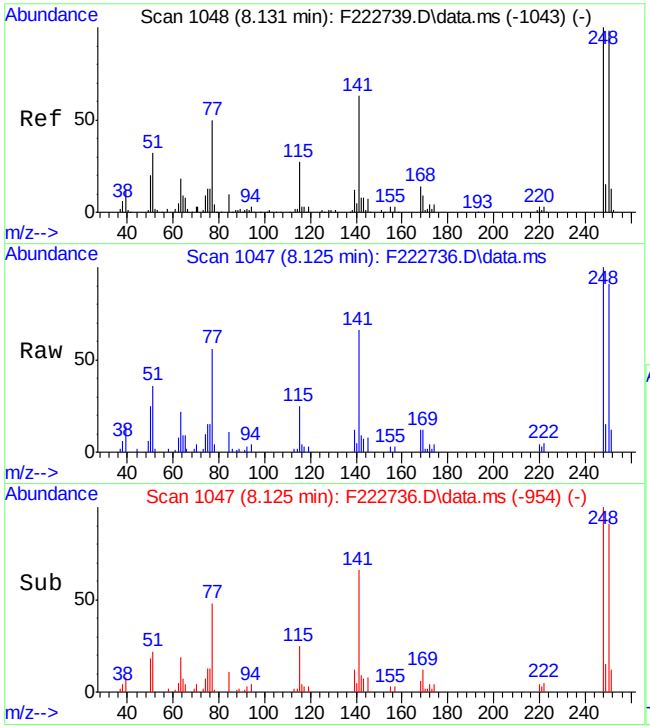


#72
1,2-Diphenylhydrazine
Concen: 9.80 ppm
RT: 7.751 min Scan# 977
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 77 Resp: 32901

Ion	Ratio	Lower	Upper
77	100		
105	18.2	0.0	48.0
182	22.9	0.0	54.0

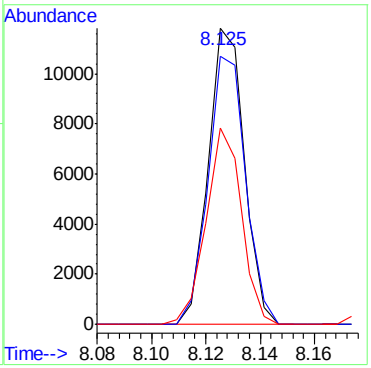


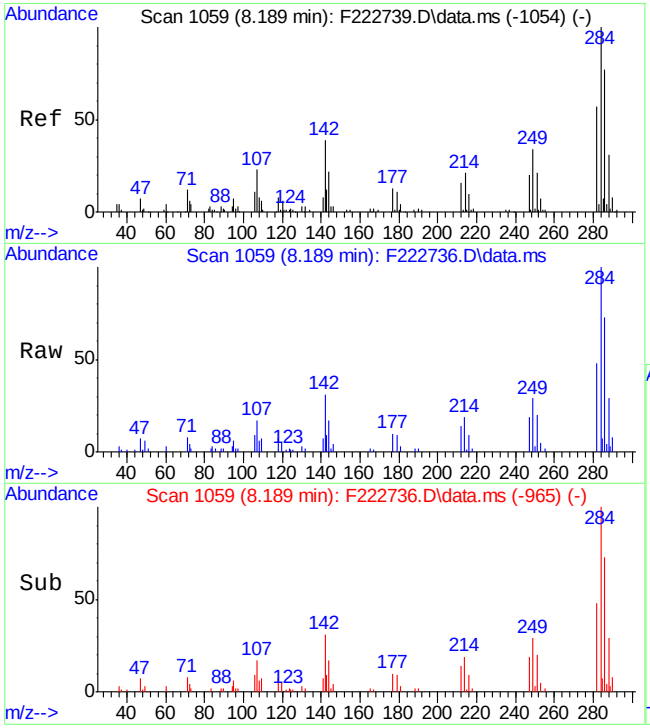


#74
4-Bromophenyl-phenylether
Concen: 9.32 ppm
RT: 8.125 min Scan# 1047
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:248 Resp: 10839

Ion	Ratio	Lower	Upper
248	100		
250	90.6	68.5	128.5
141	66.5	33.3	93.3

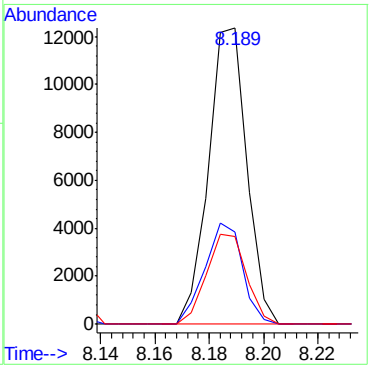


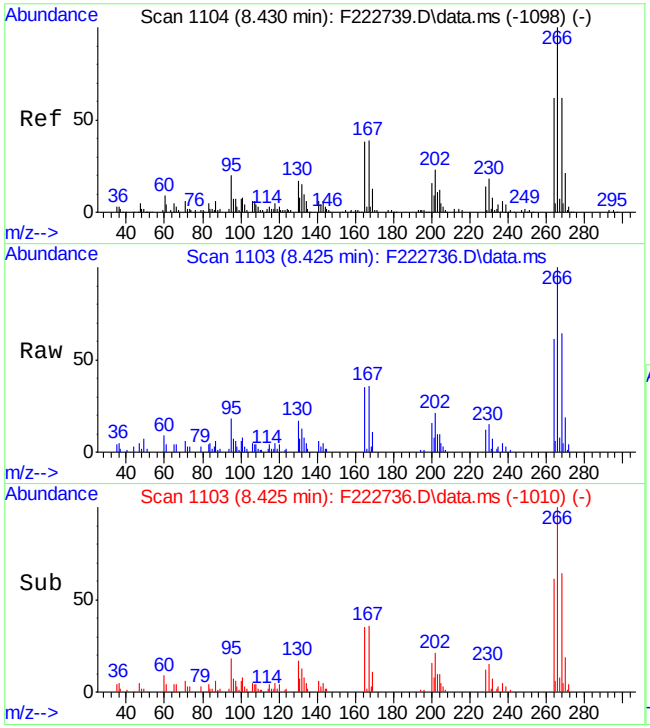


#75
Hexachlorobenzene
Concen: 9.71 ppm
RT: 8.189 min Scan# 1059
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:284 Resp: 12063

Ion	Ratio	Lower	Upper
284	100		
142	31.1	8.8	68.8
249	29.4	4.3	64.3

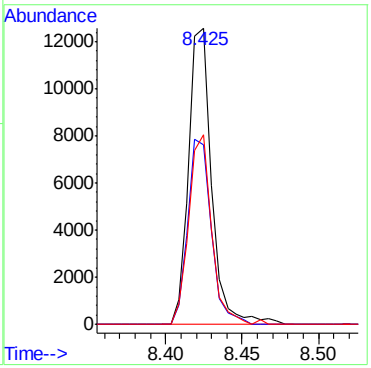


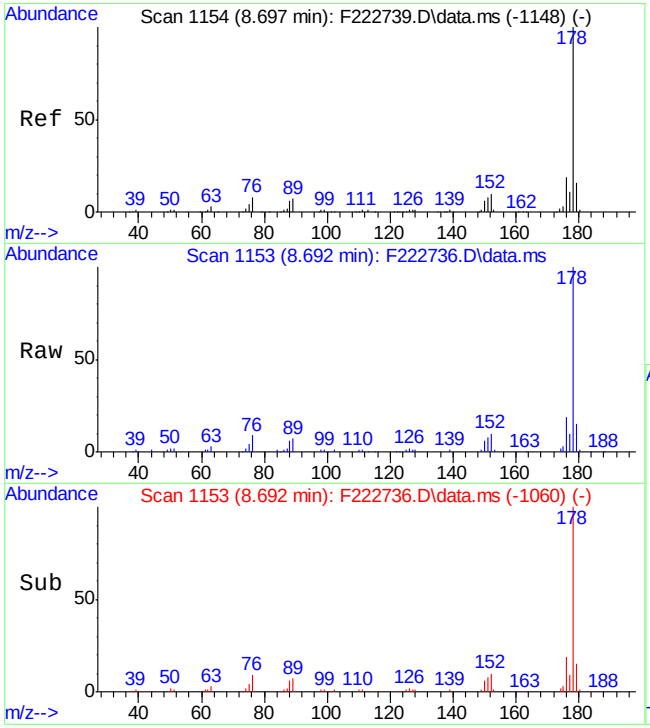


#76
Pentachlorophenol
Concen: 15.87 ppm
RT: 8.425 min Scan# 1103
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:266 Resp: 13223

Ion	Ratio	Lower	Upper
266	100		
264	60.5	31.7	91.7
268	64.2	32.1	92.1

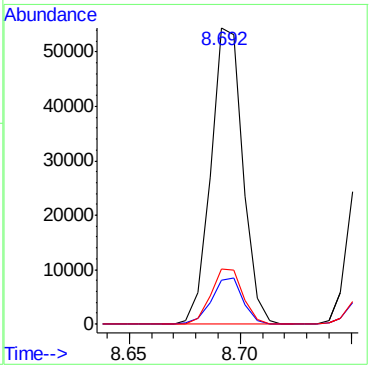


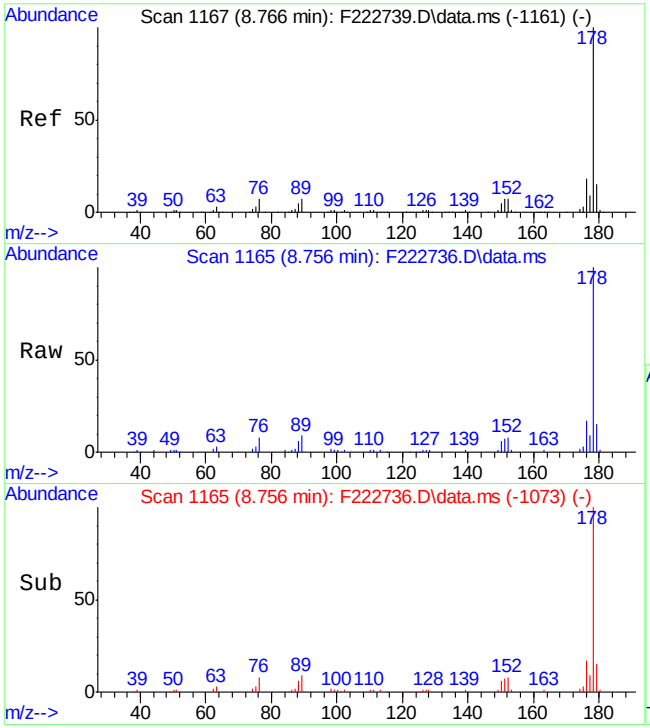


#77
Phenanthrene
Concen: 9.68 ppm
RT: 8.692 min Scan# 1153
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:178 Resp: 54487

Ion	Ratio	Lower	Upper
178	100		
179	14.9	0.0	45.6
176	18.5	0.0	49.0

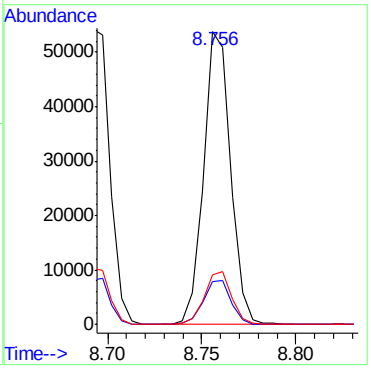


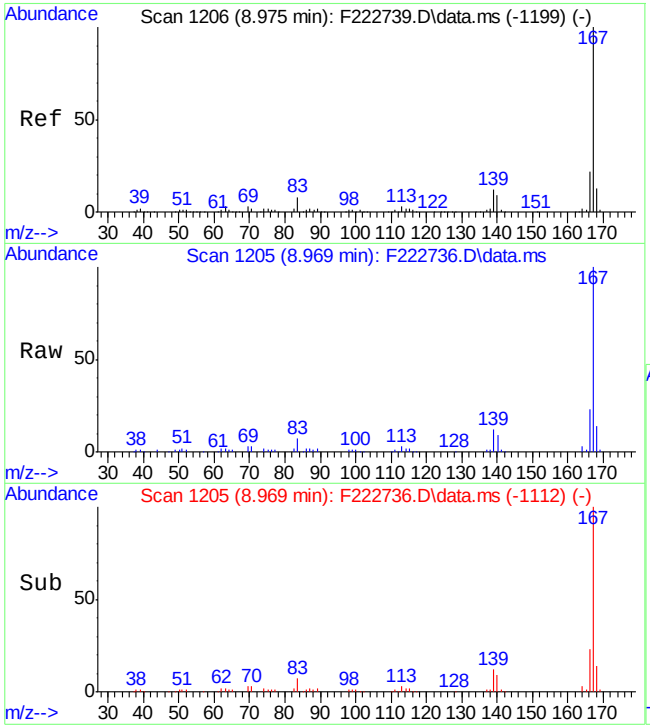


#78
Anthracene
Concen: 9.25 ppm
RT: 8.756 min Scan# 1165
Delta R.T. -0.011 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:178 Resp: 53164

Ion	Ratio	Lower	Upper
178	100		
179	14.7	0.0	45.1
176	17.0	0.0	48.4

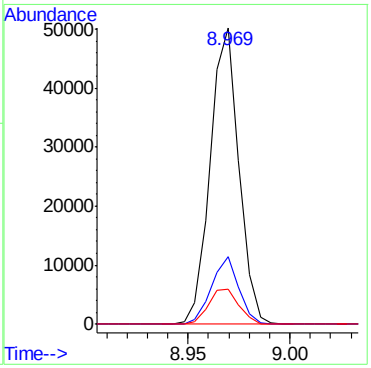


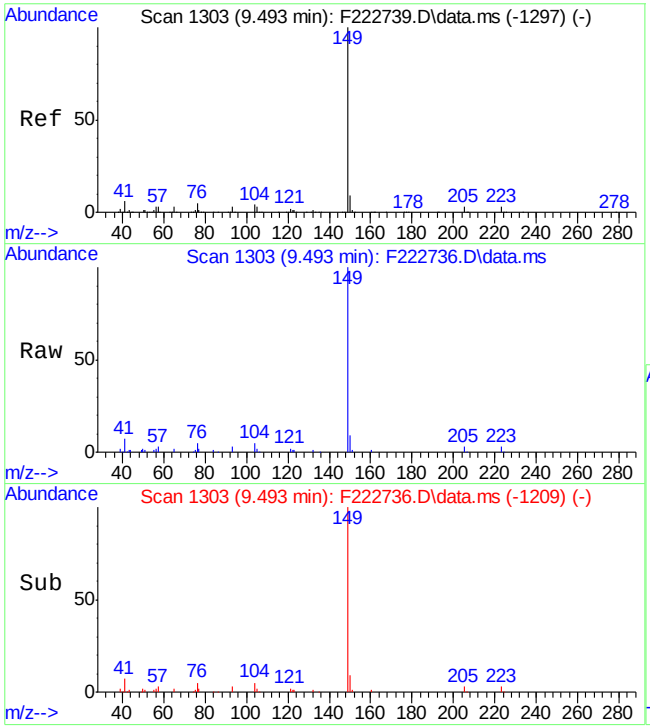


#79
Carbazole
Concen: 9.11 ppm
RT: 8.969 min Scan# 1205
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:167 Resp: 48919

Ion	Ratio	Lower	Upper
167	100		
166	22.7	0.0	51.7
139	11.7	0.0	41.9

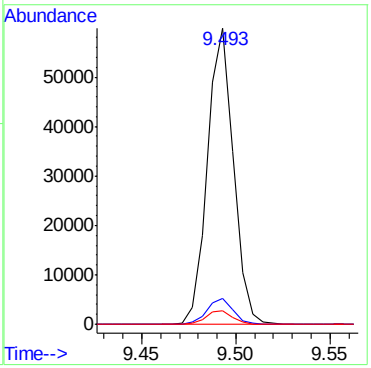


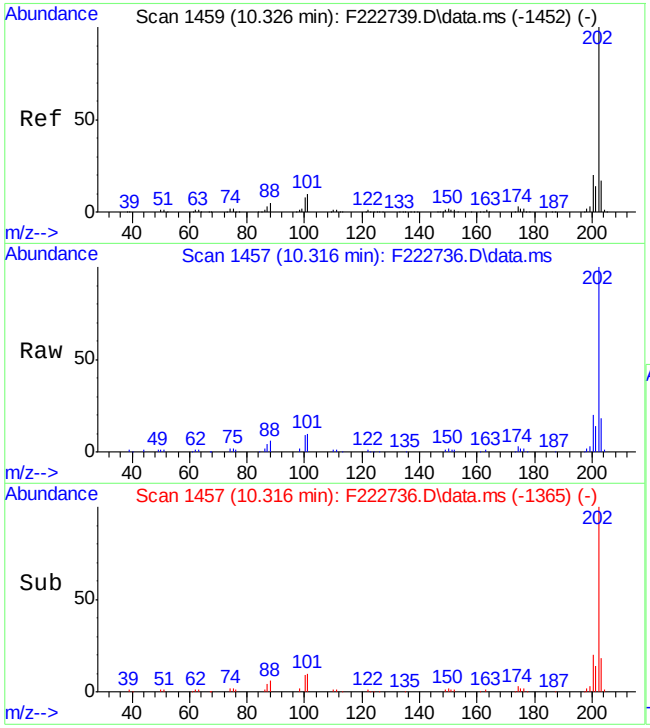


#80
Di-n-butylphthalate
Concen: 8.77 ppm
RT: 9.493 min Scan# 1303
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:149 Resp: 57253

Ion	Ratio	Lower	Upper
149	100		
150	8.6	0.0	39.1
104	4.5	0.0	34.4

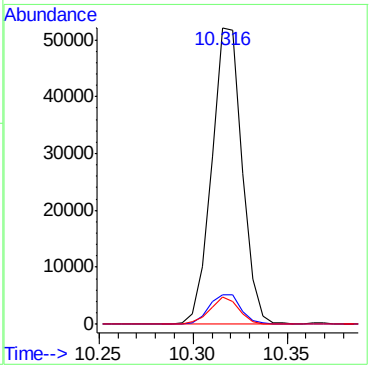


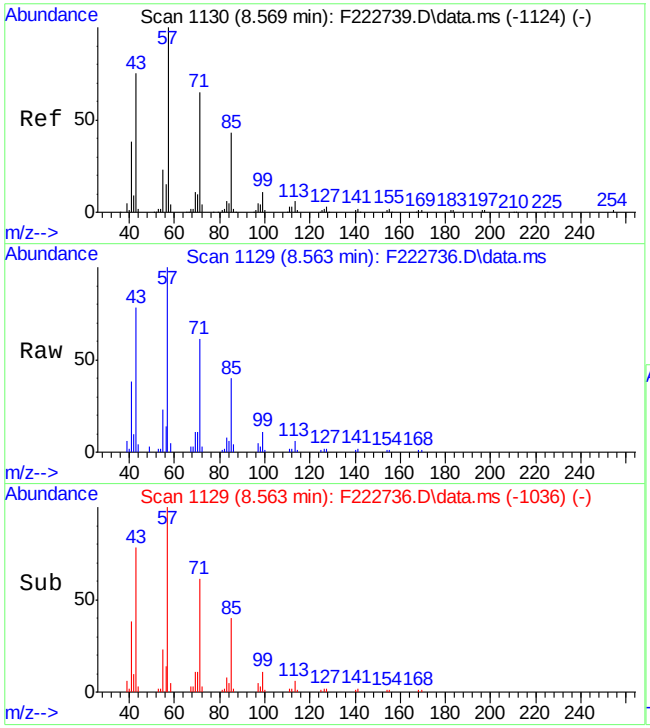


#81
Fluoranthene
Concen: 8.91 ppm
RT: 10.316 min Scan# 1457
Delta R.T. -0.011 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:202 Resp: 58236

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	39.8
100	9.0	0.0	37.7

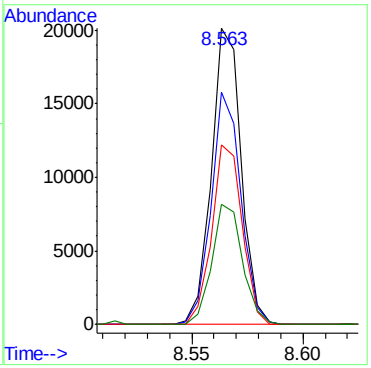


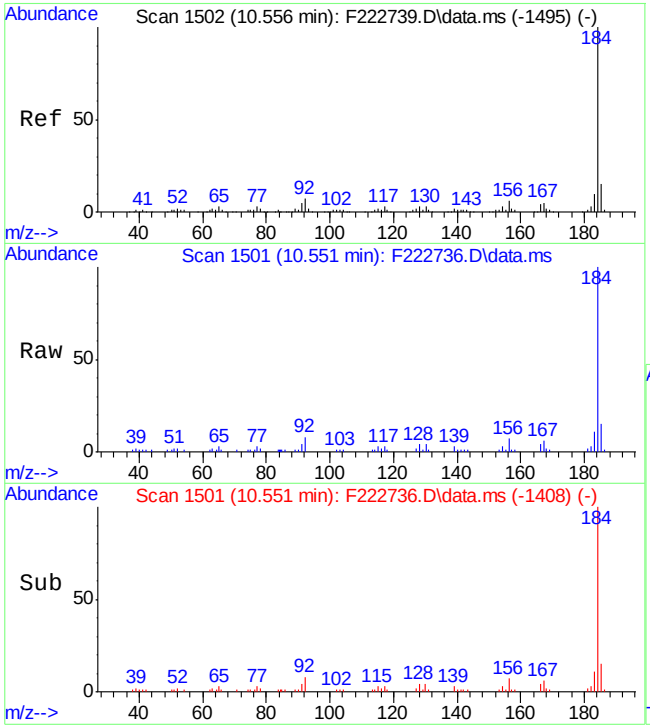


#82
Octadecane
Concen: 9.18 ppm
RT: 8.563 min Scan# 1129
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion: 57 Resp: 18878

Ion	Ratio	Lower	Upper
57	100		
43	78.5	44.5	104.5
71	60.6	35.4	95.4
85	39.5	12.7	72.7

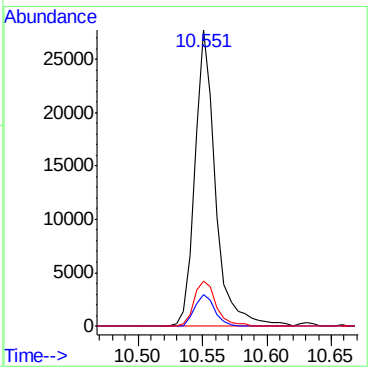


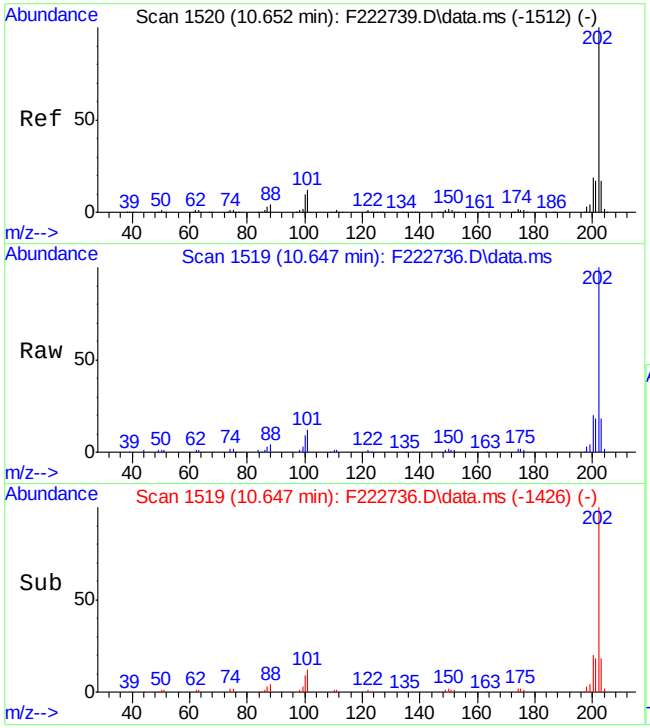


#84
Benzidine
Concen: 8.77 ppm
RT: 10.551 min Scan# 1501
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:184 Resp: 31167

Ion	Ratio	Lower	Upper
184	100		
183	10.6	0.0	60.5
185	15.1	0.0	65.2

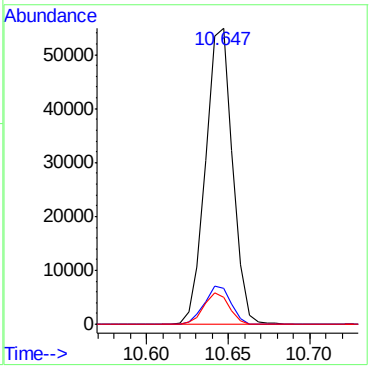


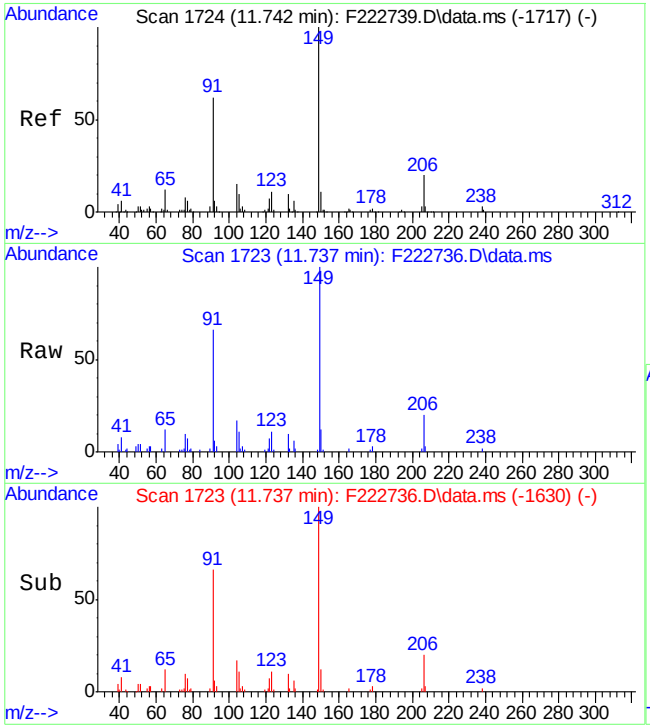


#85
Pyrene
Concen: 9.46 ppm
RT: 10.647 min Scan# 1519
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:202 Resp: 63339

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	41.9
100	9.2	0.0	39.8

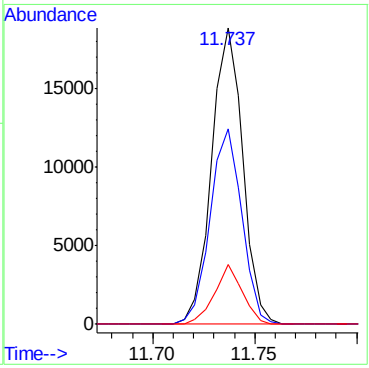


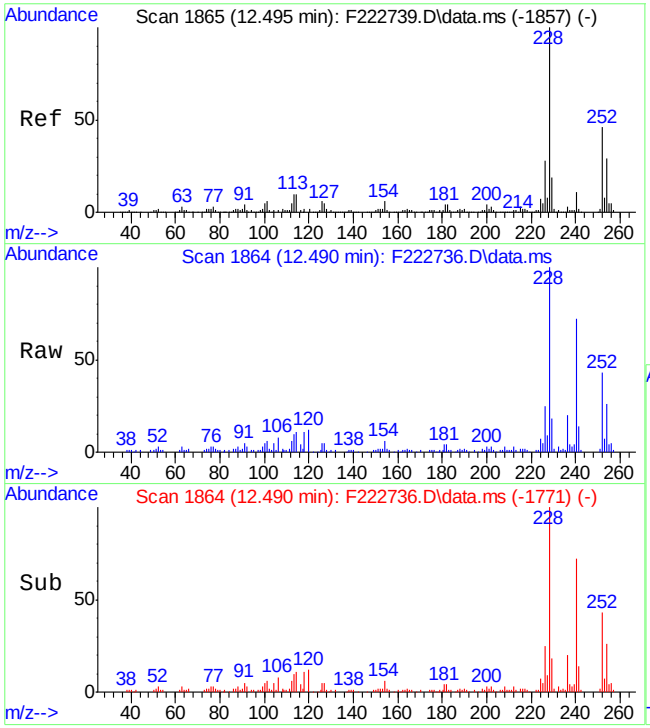


#87
Butylbenzylphthalate
Concen: 7.88 ppm
RT: 11.737 min Scan# 1723
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:149 Resp: 20033

Ion	Ratio	Lower	Upper
149	100		
91	65.8	31.6	91.6
206	20.2	0.0	49.8

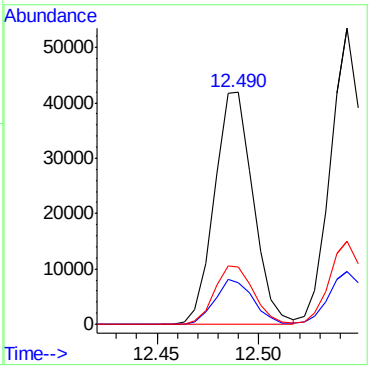


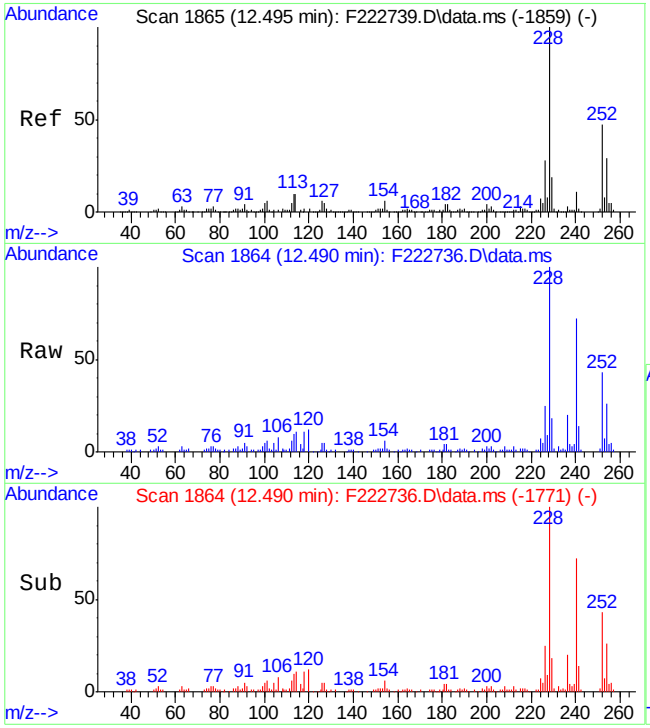


#88
Benzo[a]anthracene
Concen: 8.89 ppm
RT: 12.490 min Scan# 1864
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:228 Resp: 55440

Ion	Ratio	Lower	Upper
228	100		
229	18.1	0.0	49.1
226	24.7	0.0	57.6

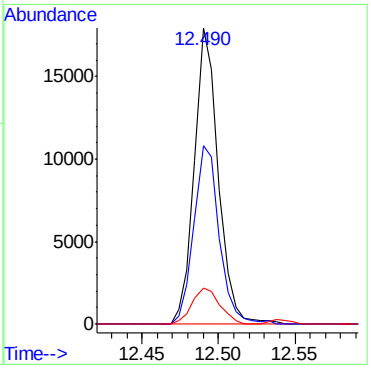


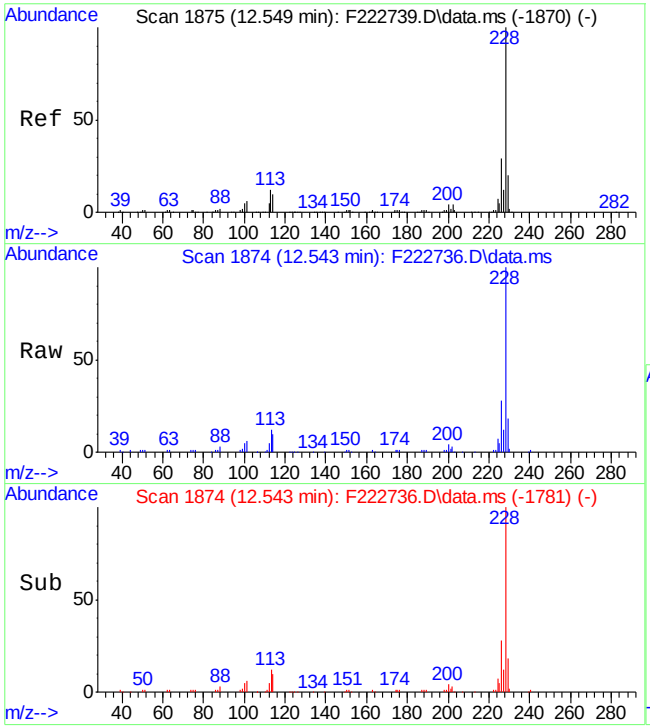


#89
3,3'-Dichlorobenzidine
Concen: 7.82 ppm
RT: 12.490 min Scan# 1864
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:252 Resp: 19503

Ion	Ratio	Lower	Upper
252	100		
254	60.3	32.3	92.3
126	11.7	0.0	42.5

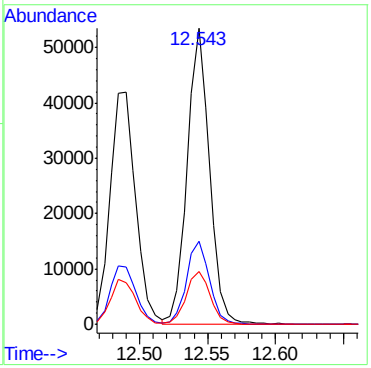


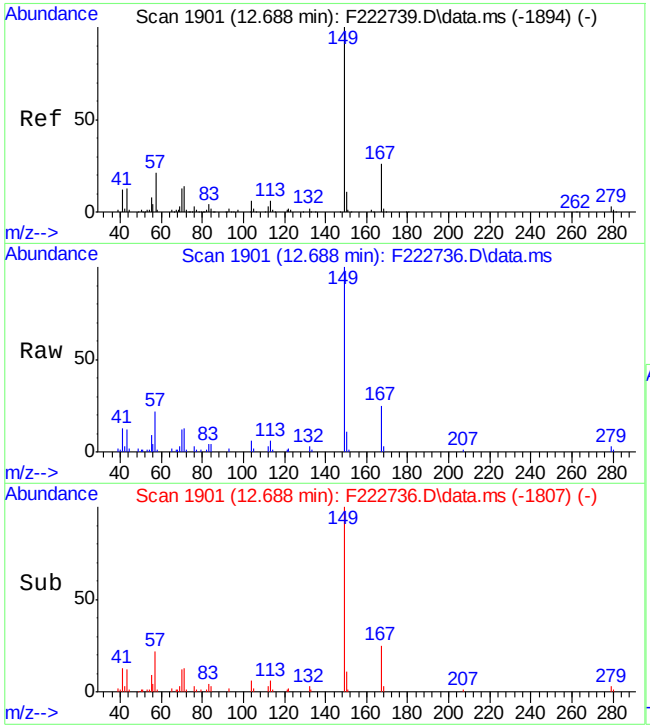


#90
Chrysene
Concen: 9.64 ppm
RT: 12.543 min Scan# 1874
Delta R.T. -0.005 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:228 Resp: 60896

Ion	Ratio	Lower	Upper
228	100		
226	28.0	0.0	58.9
229	17.7	0.0	49.6

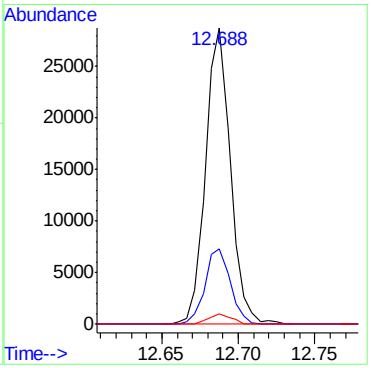


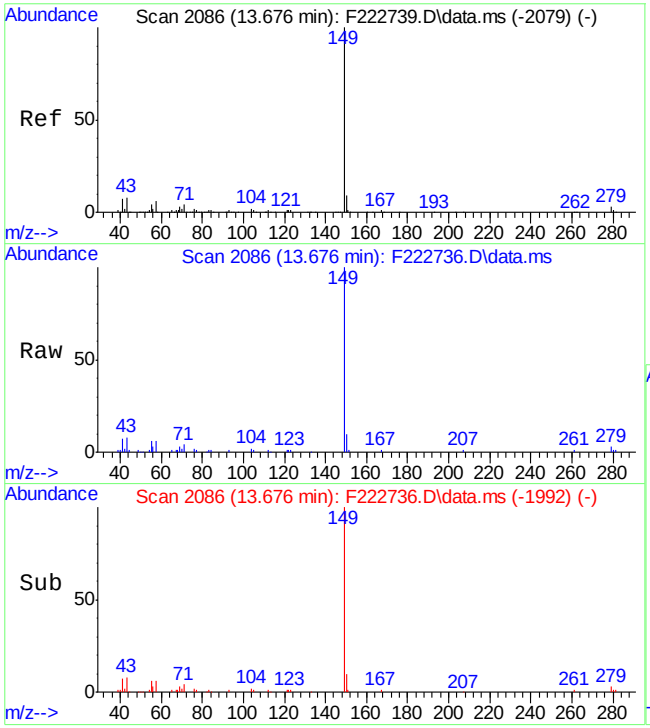


#91
bis(2-Ethylhexyl)phthalate
Concen: 7.94 ppm
RT: 12.688 min Scan# 1901
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:149 Resp: 32292

Ion	Ratio	Lower	Upper
149	100		
167	25.5	0.0	55.6
279	3.4	0.0	33.2

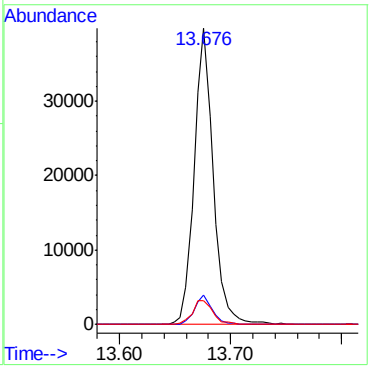


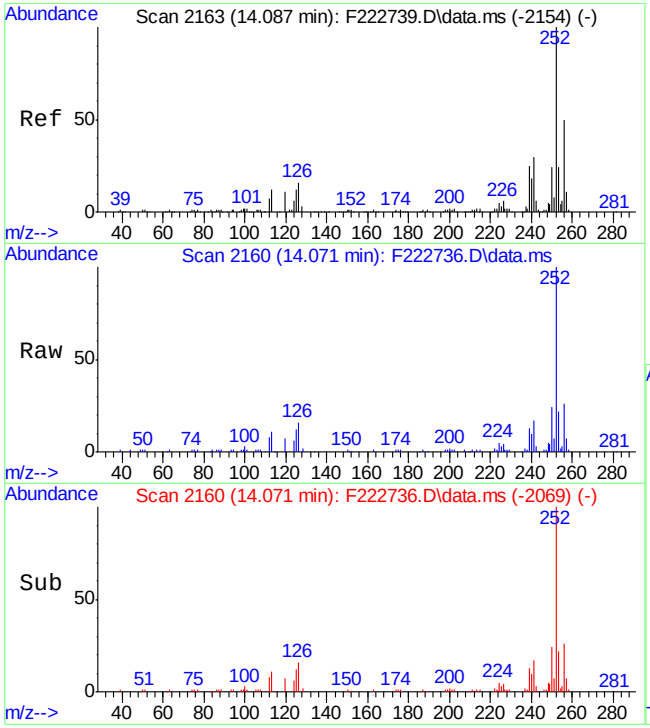


#93
Di-n-octylphthalate
Concen: 6.85 ppm
RT: 13.676 min Scan# 2086
Delta R.T. 0.000 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:149 Resp: 46713

Ion	Ratio	Lower	Upper
149	100		
150	9.7	0.0	39.4
43	7.9	0.0	38.5

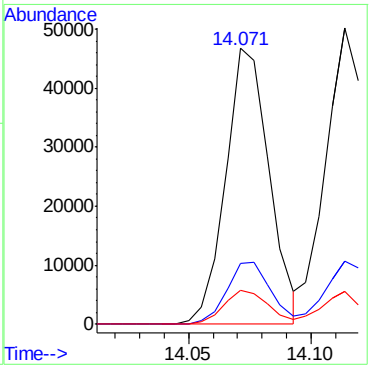


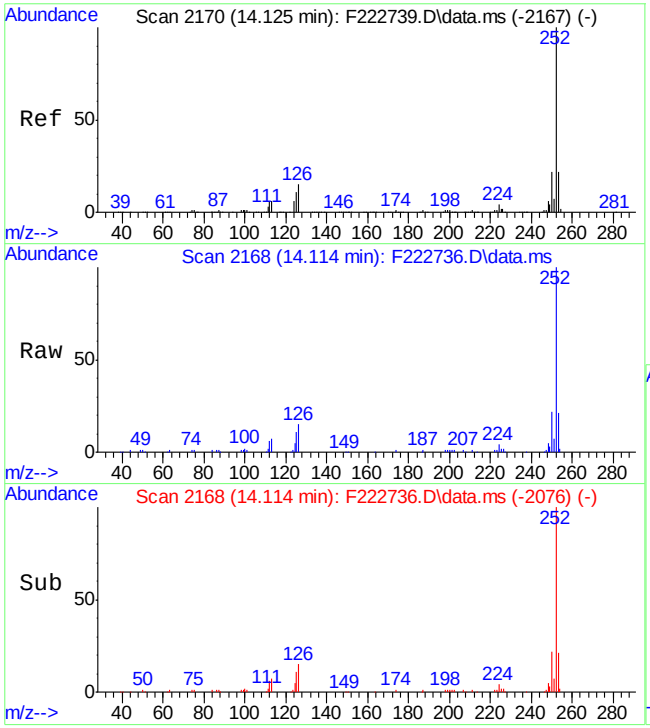


#94
Benzo[b]fluoranthene
Concen: 8.35 ppm
RT: 14.071 min Scan# 2160
Delta R.T. -0.016 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:252 Resp: 57973

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	53.7
125	12.2	0.0	42.3

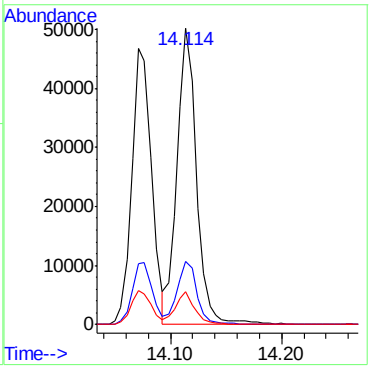


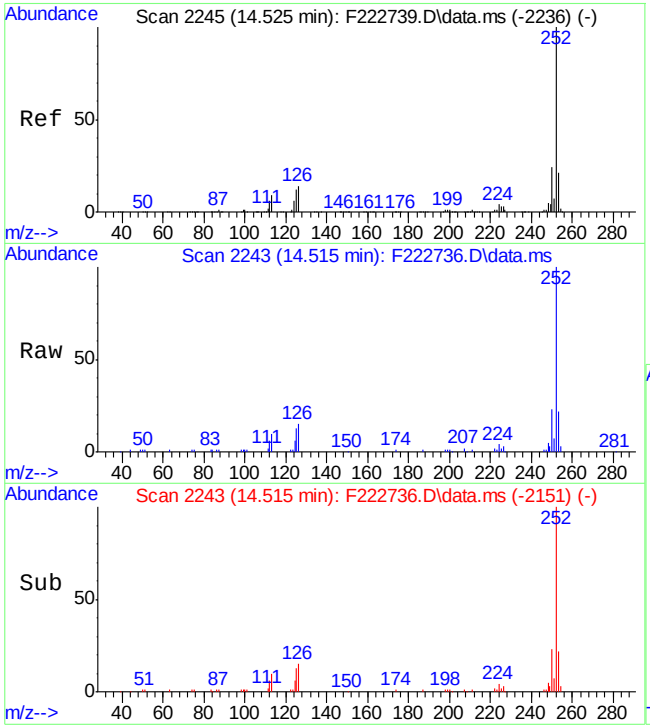


#95
Benzo[k]fluoranthene
Concen: 9.06 ppm
RT: 14.114 min Scan# 2168
Delta R.T. -0.011 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:252 Resp: 61189

Ion	Ratio	Lower	Upper
252	100		
253	21.2	0.0	52.2
125	10.7	0.0	41.3

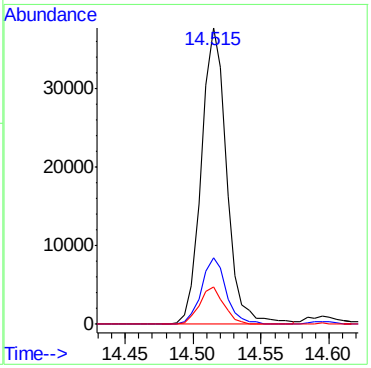


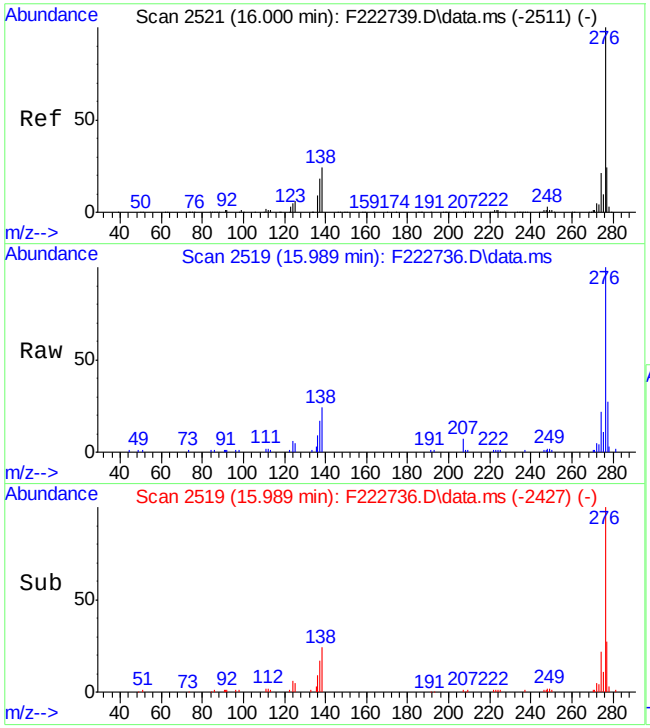


#96
Benzo[a]pyrene
Concen: 8.50 ppm
RT: 14.515 min Scan# 2243
Delta R.T. -0.011 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:252 Resp: 48887

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	50.6
125	12.7	0.0	41.7

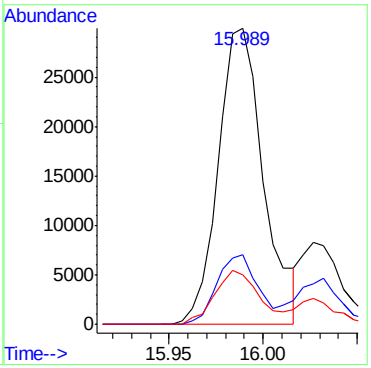


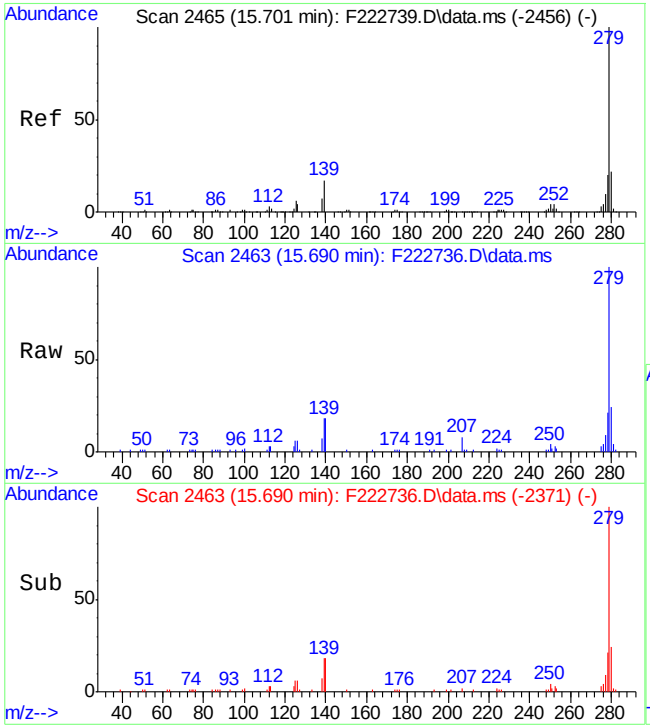


#97
Indeno[1,2,3-cd]pyrene
Concen: 8.20 ppm
RT: 15.989 min Scan# 2519
Delta R.T. -0.011 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:276 Resp: 49880

Ion	Ratio	Lower	Upper
276	100		
138	21.6	0.0	52.1
137	15.8	0.0	46.5

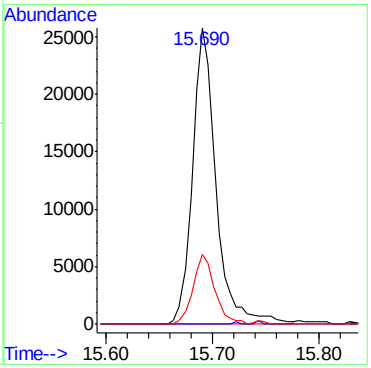


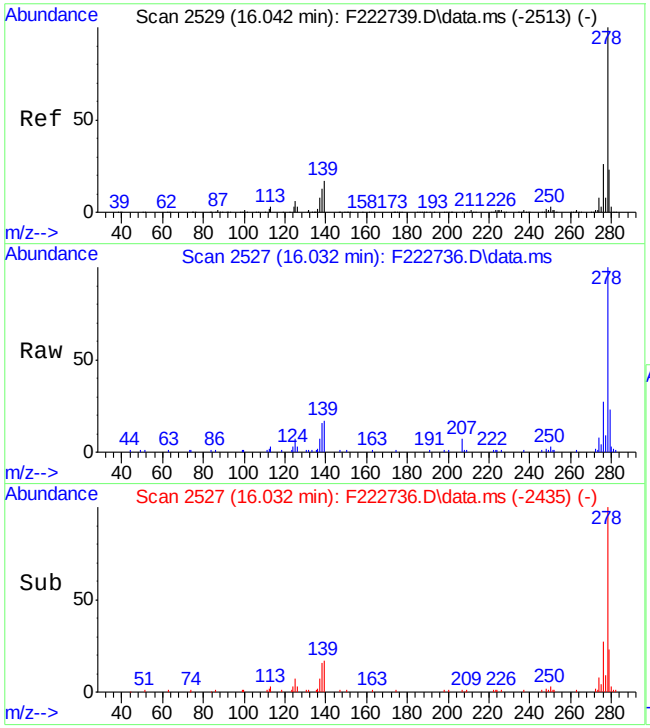


#98
Dibenz(a,h)acridine
Concen: 8.08 ppm
RT: 15.690 min Scan# 2463
Delta R.T. -0.011 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:279 Resp: 39651

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	23.7	0.0	52.3

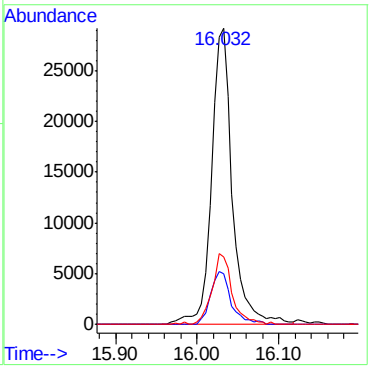


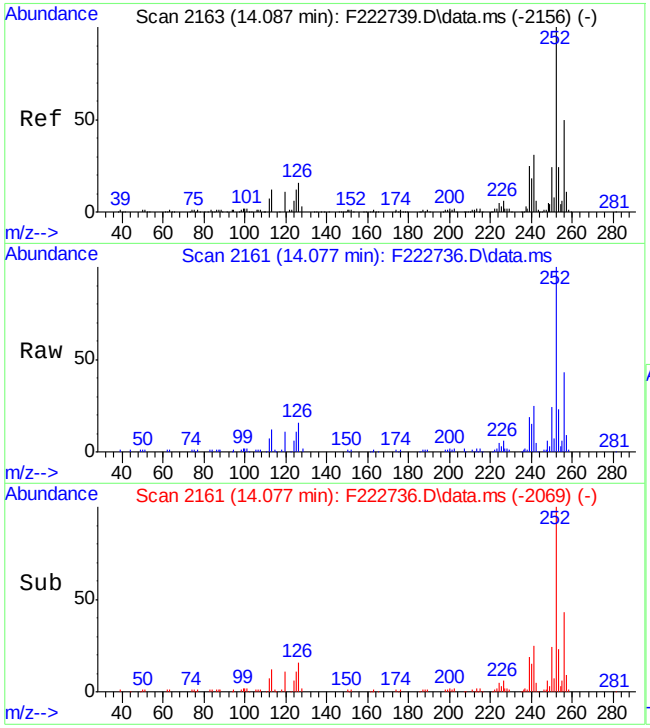


#99
Dibenz[a,h]anthracene
Concen: 8.50 ppm
RT: 16.032 min Scan# 2527
Delta R.T. -0.011 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:278 Resp: 51755

Ion	Ratio	Lower	Upper
278	100		
139	17.2	0.0	47.4
279	23.0	0.0	53.3

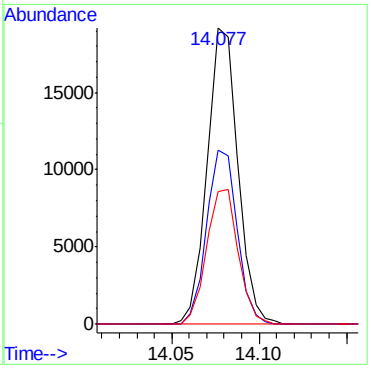


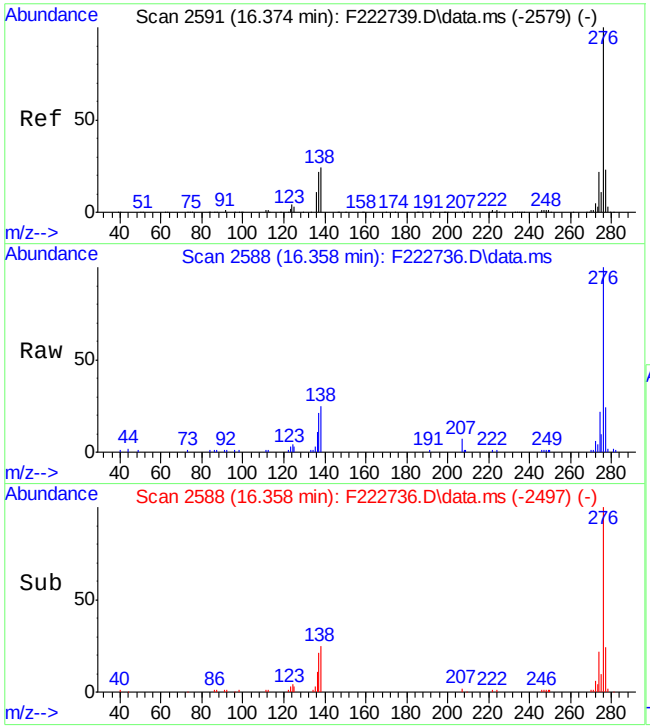


#100
7,12-Dimethylbenz(a)anthracene
Concen: 8.20 ppm
RT: 14.077 min Scan# 2161
Delta R.T. -0.011 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:256 Resp: 23409

Ion	Ratio	Lower	Upper
256	100		
241	58.6	31.1	91.1
239	44.7	19.1	79.1

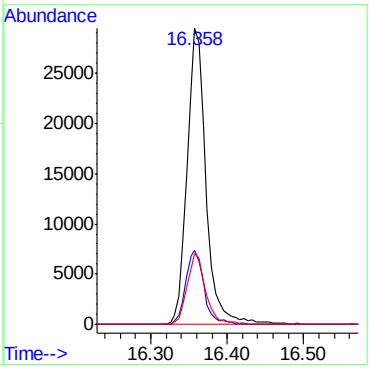




#101
Benzo[g,h,i]perylene
Concen: 8.69 ppm
RT: 16.358 min Scan# 2588
Delta R.T. -0.016 min
Lab File: F222736.D
Acq: 7 Nov 2024 10:10 am

Tgt Ion:276 Resp: 50270

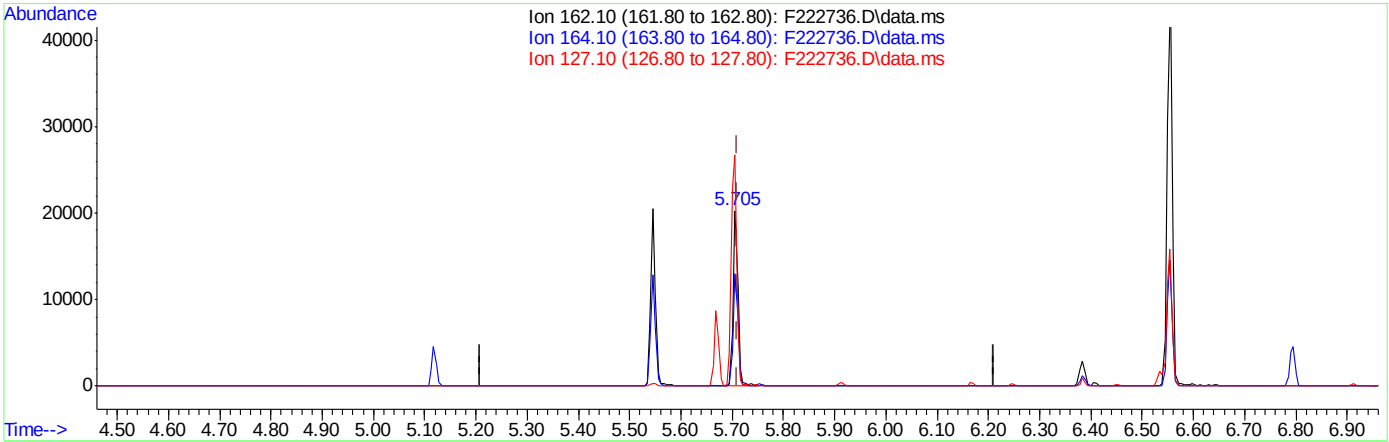
Ion	Ratio	Lower	Upper
276	100		
138	25.1	0.0	54.3
277	24.1	0.0	53.1

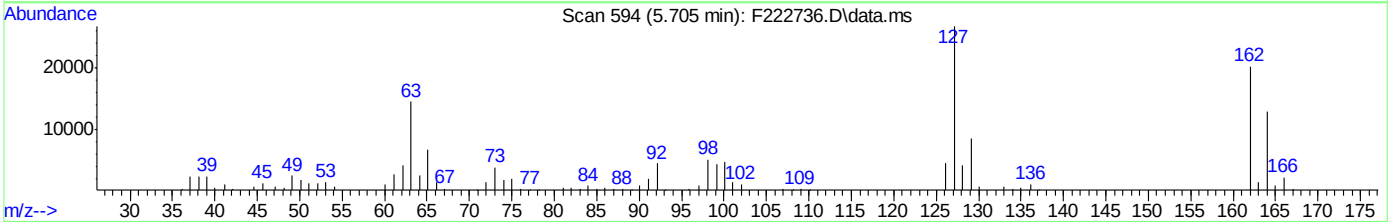


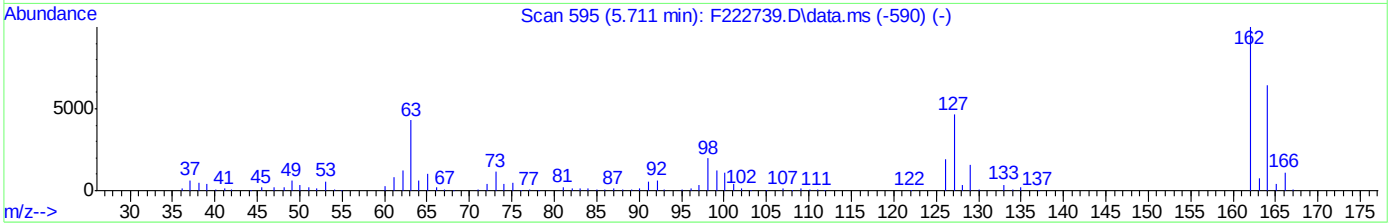
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222736.D
Acq On : 7 Nov 2024 10:10 am
Operator : jackleey
Sample : ic9899-10
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 08 09:07:14 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222736.D\data.ms

(52) 2-Chloronaphthalene (t)

5.705min (-0.005) 8.91ppm

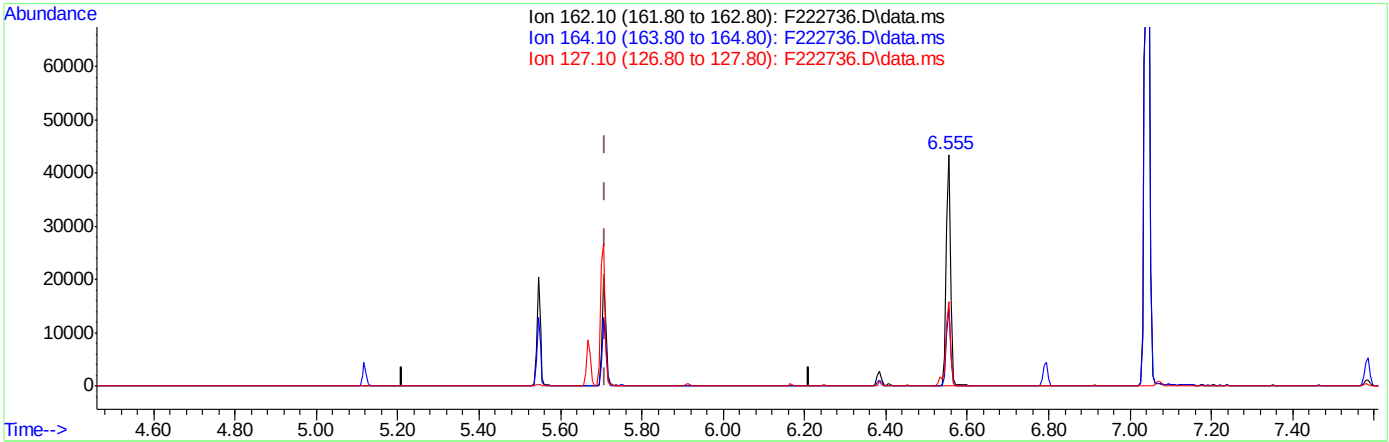
response 13344

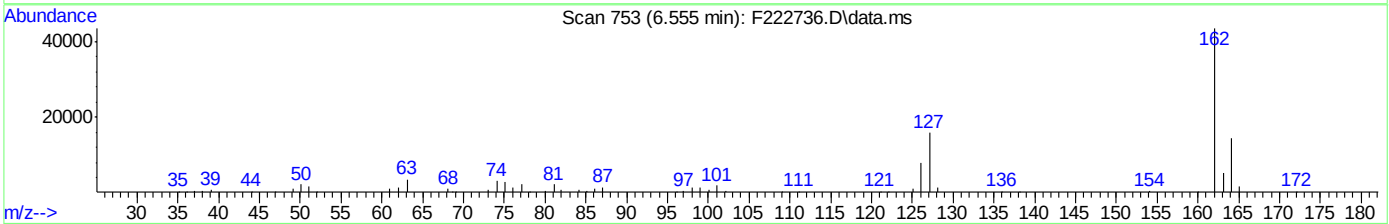
Ion	Exp%	Act%
162.10	100	100
164.10	64.30	63.40
127.10	46.90	131.45#
0.00	0.00	0.00

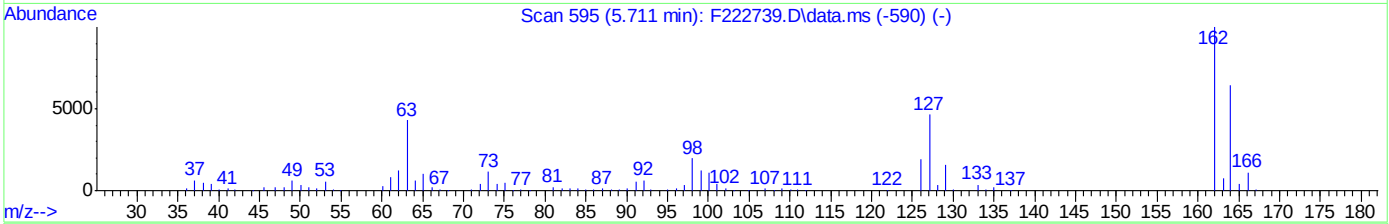
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222736.D
Acq On : 7 Nov 2024 10:10 am
Operator : jackleey
Sample : ic9899-10
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 08 09:07:14 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222736.D\data.ms

(52) 2-Chloronaphthalene (t)

6.555min (+0.844) 21.20ppm m

response 31749

Ion	Exp%	Act%
162.10	100	100
164.10	64.30	33.33#
127.10	46.90	36.49
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222737.D
Acq On : 7 Nov 2024 10:33 am
Operator : jackleey
Sample : ic9899-25
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 06 10:40:38 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.765	152	53859	40.00	ppm	0.00
24) Naphthalene-d8	5.657	136	209961	40.00	ppm	0.00
46) Acenaphthene-d10	7.041	164	111434	40.00	ppm	0.00
69) Phenanthrene-d10	8.665	188	219194	40.00	ppm	0.00
83) Chrysene-d12	12.506	240	210572	40.00	ppm	0.00
92) Perylene-d12	14.600	264	224658	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.765	152	53859	40.00	ppm	0.00
112) Naphthalene-d8A	5.657	136	209961	40.00	ppm	0.00
121) Acenaphthene-d10A	7.041	164	111434	40.00	ppm	0.00
132) Phenanthrene-d10A	8.665	188	219194	40.00	ppm	0.00
147) Chrysene-d12A	12.506	240	210572	40.00	ppm	0.00
154) Perylene-d12A	14.600	264	224658	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.765	152	53859	40.00	ppm	0.00
159) Phenanthrene-d10b	8.665	188	219194	40.00	ppm	0.00
161) Naphthalene-d8b	5.657	136	209961	40.00	ppm	0.00
163) Naphthalene-d8c	5.657	136	209961	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.765	152	53859	40.00	ppm	0.00
169) Chrysene-d12c	12.506	240	210572	40.00	ppm	0.00
171) Chrysene-d12d	12.506	240	210572	40.00	ppm	0.00
173) Naphthalene-d8d	5.657	136	209961	40.00	ppm	0.00
175) Chrysene-d12e	12.506	240	210572	40.00	ppm	0.00
177) Perylene-d12b	14.600	264	224658	40.00	ppm	0.00
179) Naphthalene-d8e	5.657	136	209961	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.852	112	35925	23.70	ppm	0.00
Spiked Amount 50.000			Recovery = 47.40%			
8) Phenol-d5	4.487	99	41927	23.49	ppm	0.00
Spiked Amount 50.000			Recovery = 46.98%			
25) Nitrobenzene-d5	5.150	82	36587	22.86	ppm	0.00
Spiked Amount 50.000			Recovery = 45.72%			
51) 2-Fluorobiphenyl	6.453	172	93909	22.86	ppm	0.00
Spiked Amount 50.000			Recovery = 45.72%			
73) 2,4,6-Tribromophenol	7.837	330	12427	21.49	ppm	0.00
Spiked Amount 50.000			Recovery = 42.98%			
86) Terphenyl-d14	10.930	244	117815	22.72	ppm	0.00
Spiked Amount 50.000			Recovery = 45.44%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.703	88	14659	24.16	ppm	96
3) Pyridine	2.949	79	40217	23.37	ppm	99
4) N-Nitrosodimethylamine	2.917	42	19037	24.08	ppm	98
6) Indene	4.941	116	69136	23.65	ppm	100
7) Cumene	4.220	105	74182	23.61	ppm	100
9) Phenol	4.498	94	46102	23.51	ppm	97
10) Aniline	4.535	93	59060	24.04	ppm	98
11) bis(2-Chloroethyl)ether	4.578	93	35417	23.32	ppm	97
12) 2-Chlorophenol	4.616	128	39871	23.34	ppm	99
13) Decane	4.642	43	38429	23.89	ppm	95

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222737.D
Acq On : 7 Nov 2024 10:33 am
Operator : jackleey
Sample : ic9899-25
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 06 10:40:38 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
14) 1,3-Dichlorobenzene	4.722	146	46724	23.79	ppm	99
15) 1,4-Dichlorobenzene	4.776	146	47750	23.71	ppm	100
16) Benzyl alcohol	4.851	108	24846	23.51	ppm	95
17) 1,2-Dichlorobenzene	4.883	146	45191	23.80	ppm	96
18) Acetophenone	5.043	105	56768	23.22	ppm	99
19) 2-Methylphenol	4.920	108	34066	23.18	ppm	99
20) 2,2'-oxybis(1-Chloropr...	4.947	121	10818	22.77	ppm	97
21) 3&4-Methylphenol	5.027	108	72375	45.70	ppm	97
22) n-Nitroso-di-n-propyla...	5.038	70	27125	23.99	ppm	99
23) Hexachloroethane	5.118	201	18592	23.32	ppm	96
26) Nitrobenzene	5.160	77	39979	23.17	ppm	100
27) Quinoline	5.914	129	78528	23.17	ppm	99
28) Isophorone	5.326	82	70518	23.07	ppm	96
29) 2-Nitrophenol	5.385	139	16771	20.42	ppm	88
30) 2,4-Dimethylphenol	5.401	107	39781	22.96	ppm	96
31) Benzoic acid	5.454	105	20364	20.38	ppm	83
32) bis(2-Chloroethoxy)met...	5.476	93	45443	22.91	ppm	99
33) 2,4-Dichlorophenol	5.545	162	34496	22.60	ppm	96
34) 2,6-Dichlorophenol	5.705	162	35291	22.43	ppm	97
35) 1,3,5-Trichlorobenzene	5.390	180	44990	23.13	ppm	100
36) 1,2,4-Trichlorobenzene	5.609	180	41945	23.03	ppm	100
37) 1,2,3-Trichlorobenzene	5.769	180	41372	22.14	ppm	99
38) Naphthalene	5.668	128	120382	23.28	ppm	99
39) 4-Chloroaniline	5.705	127	50732	22.52	ppm	98
40) 2,3-Dichloroaniline	6.384	161	42048	22.91	ppm	94
41) Hydroquinone	5.924	110	34407	22.63	ppm	98
42) Hexachlorobutadiene	5.753	225	26568	22.53	ppm	97
43) 4-Chloro-3-methylphenol	6.037	107	31470	22.21	ppm	94
44) 2-Methylnaphthalene	6.170	141	73152	23.17	ppm	99
45) 1-Methylnaphthalene	6.245	142	75605	23.23	ppm	97
47) Hexachlorocyclopentadiene	6.288	237	51015	43.41	ppm	100
48) 1,2,4,5-tetrachloroben...	6.293	216	46449	23.23	ppm	99
49) 2,4,6-Trichlorophenol	6.384	196	27410	22.68	ppm	98
50) 2,4,5-Trichlorophenol	6.405	196	30309	22.25	ppm	97
52) 2-Chloronaphthalene	6.555	162	81508m	52.61	ppm	
53) Biphenyl	6.539	154	104438	23.29	ppm	98
54) 2-Nitroaniline	6.635	65	18437	22.17	ppm	88
55) Dimethylphthalate	6.795	163	90105	23.45	ppm	100
56) Acenaphthylene	6.913	152	115041	23.31	ppm	99
57) 2,6-Dinitrotoluene	6.849	165	16143	22.01	ppm	90
58) 3-Nitroaniline	7.004	138	19372	22.08	ppm	97
59) Acenaphthene	7.073	153	85564	23.60	ppm	96
60) 2,4-Dinitrophenol	7.094	184	14572	37.05	ppm	92
61) 4-Nitrophenol	7.137	109	11253	22.50	ppm	90
62) Dibenzofuran	7.239	168	117856	22.90	ppm	100
63) 2,4-Dinitrotoluene	7.223	165	22065	21.11	ppm	94
64) 2,3,4,6-Tetrachlorophenol	7.351	232	23138	22.32	ppm	93
65) Diethylphthalate	7.468	149	94764	23.42	ppm	98
66) Fluorene	7.586	166	95306	23.28	ppm	98
67) 4-Chlorophenyl-phenyle...	7.586	204	49249	22.94	ppm	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222737.D
Acq On : 7 Nov 2024 10:33 am
Operator : jackleey
Sample : ic9899-25
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 06 10:40:38 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

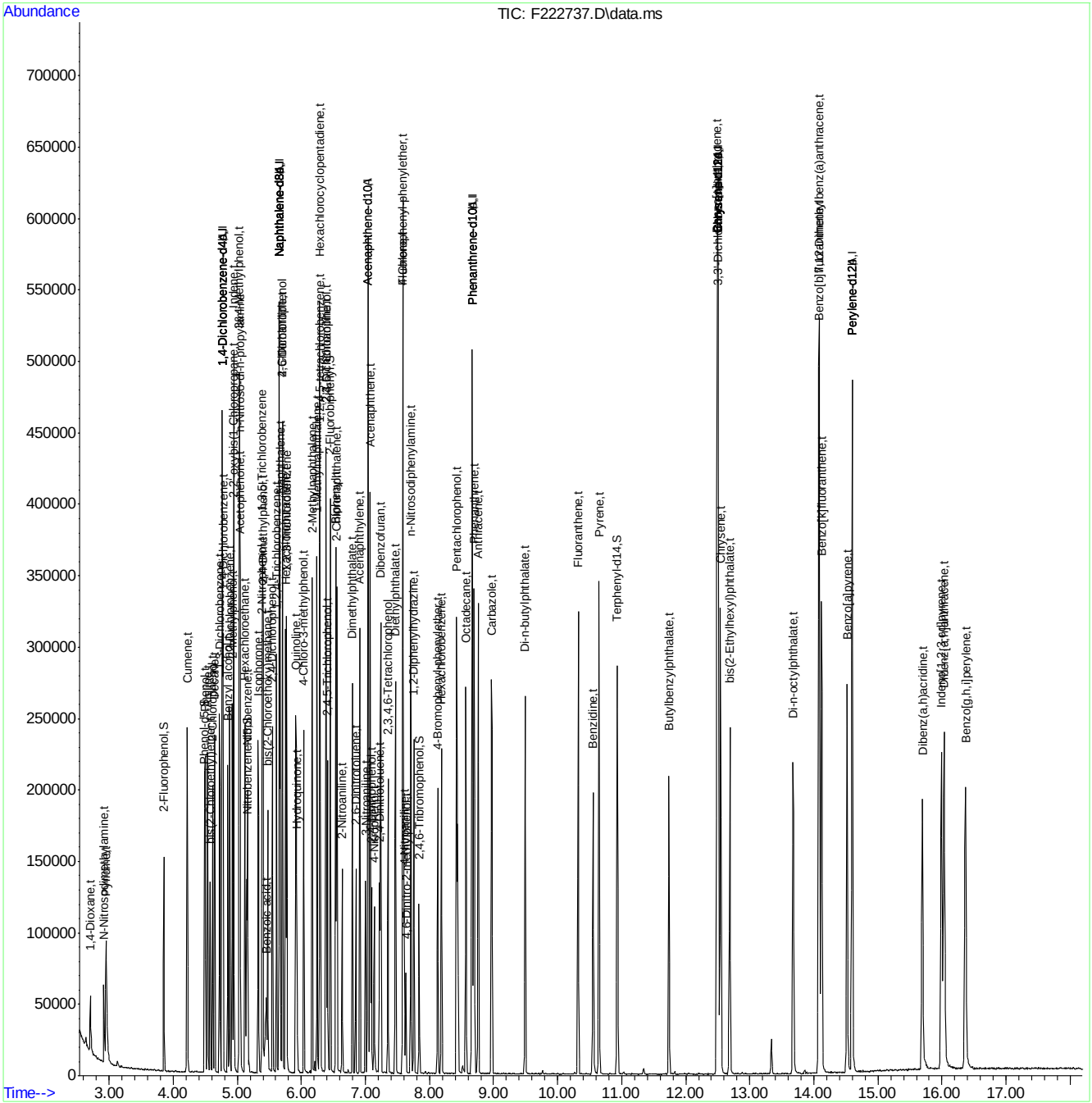
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 4-Nitroaniline	7.607	138	21027	21.99	ppm	98
70) 4,6-Dinitro-2-methylph...	7.634	198	9543	19.30	ppm	96
71) n-Nitrosodiphenylamine	7.709	169	77465	22.57	ppm	97
72) 1,2-Diphenylhydrazine	7.757	77	83494	23.67	ppm	96
74) 4-Bromophenyl-phenylether	8.131	248	28737	23.52	ppm	94
75) Hexachlorobenzene	8.190	284	29704	22.76	ppm	96
76) Pentachlorophenol	8.425	266	37627	43.00	ppm	97
77) Phenanthrene	8.697	178	136573	23.10	ppm	98
78) Anthracene	8.761	178	138776	22.99	ppm	99
79) Carbazole	8.970	167	127884	22.68	ppm	98
80) Di-n-butylphthalate	9.493	149	152860	22.30	ppm	99
81) Fluoranthene	10.321	202	156864	22.86	ppm	99
82) Octadecane	8.569	57	50116	23.20	ppm	98
84) Benzidine	10.556	184	92850	24.05	ppm	98
85) Pyrene	10.647	202	169896	23.37	ppm	99
87) Butylbenzylphthalate	11.737	149	60019	21.75	ppm	95
88) Benzo[a]anthracene	12.490	228	152035	22.46	ppm	99
89) 3,3'-Dichlorobenzidine	12.495	252	58097	21.45	ppm	99
90) Chrysene	12.543	228	158864	23.16	ppm	100
91) bis(2-Ethylhexyl)phtha...	12.688	149	96733	21.92	ppm	99
93) Di-n-octylphthalate	13.676	149	149639	20.87	ppm	99
94) Benzo[b]fluoranthene	14.077	252	160256	21.96	ppm	98
95) Benzo[k]fluoranthene	14.119	252	166557	23.46	ppm	99
96) Benzo[a]pyrene	14.520	252	135581	22.41	ppm	99
97) Indeno[1,2,3-cd]pyrene	15.995	276	138113	21.61	ppm	95
98) Dibenz(a,h)acridine	15.695	279	111492	21.61	ppm	96
99) Dibenz[a,h]anthracene	16.032	278	142368	22.23	ppm	97
100) 7,12-Dimethylbenz(a)an...	14.082	256	66519	22.15	ppm	98
101) Benzo[g,h,i]perylene	16.369	276	135166	22.22	ppm	99

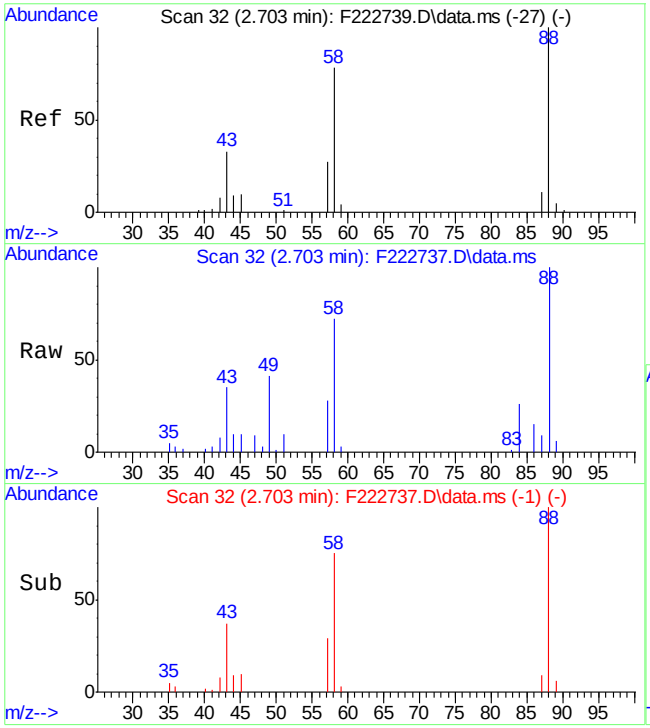
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222737.D
Acq On : 7 Nov 2024 10:33 am
Operator : jackleey
Sample : ic9899-25
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 06 10:40:38 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

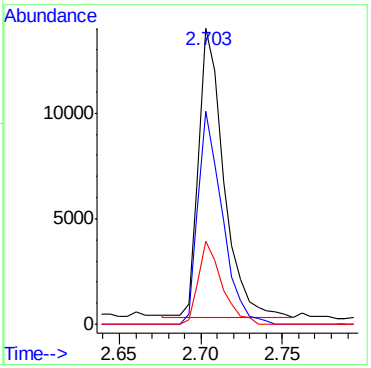


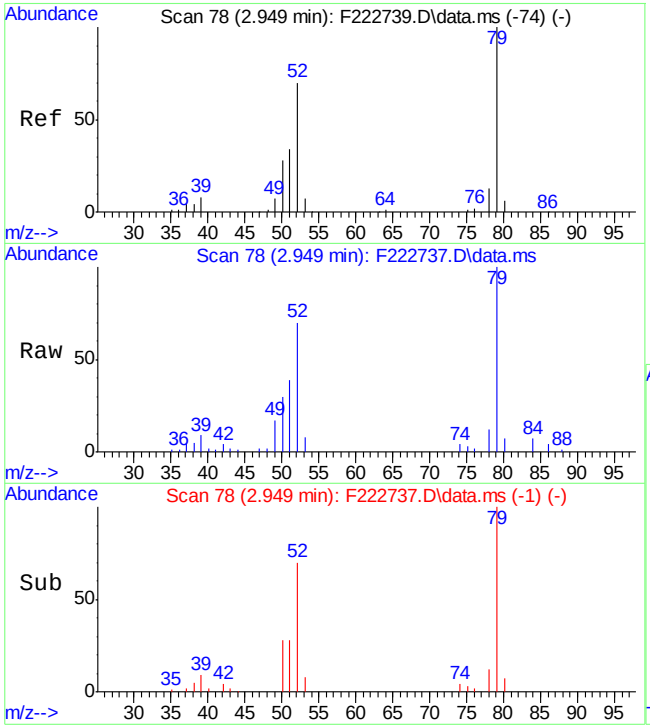


#2
1,4-Dioxane
Concen: 24.16 ppm
RT: 2.703 min Scan# 32
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 88 Resp: 14659

Ion	Ratio	Lower	Upper
88	100		
58	73.9	47.6	107.6
57	28.7	0.0	57.2

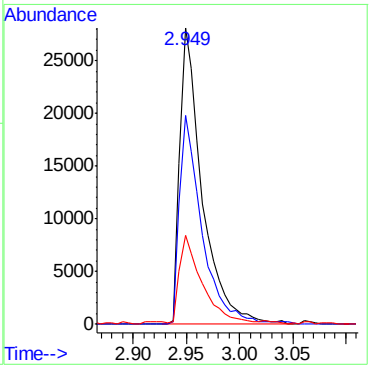


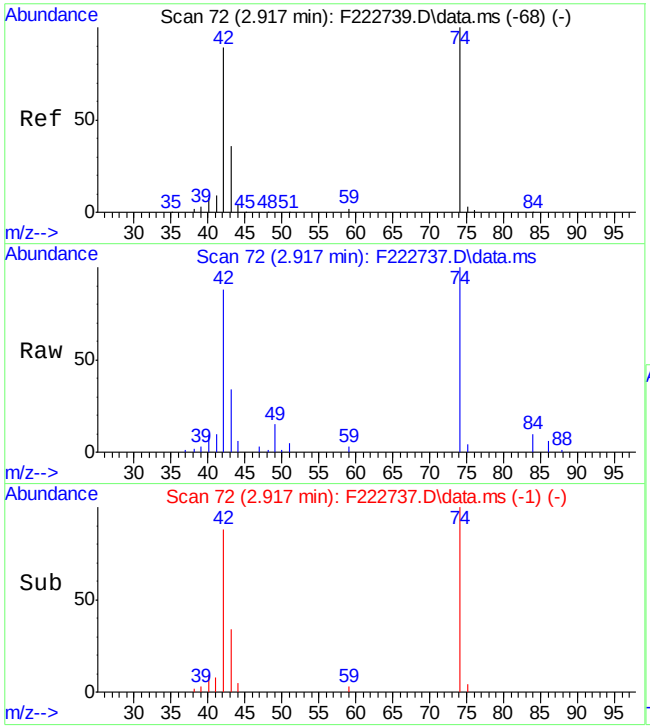


#3
Pyridine
Concen: 23.37 ppm
RT: 2.949 min Scan# 78
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 79 Resp: 40217

Ion	Ratio	Lower	Upper
79	100		
52	70.1	39.7	99.7
50	29.3	0.0	58.3

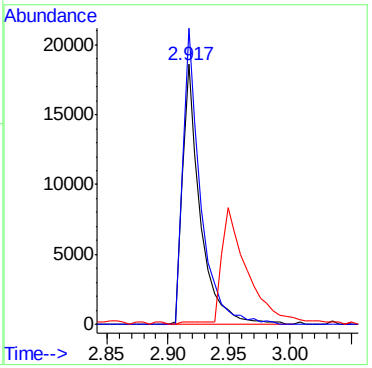


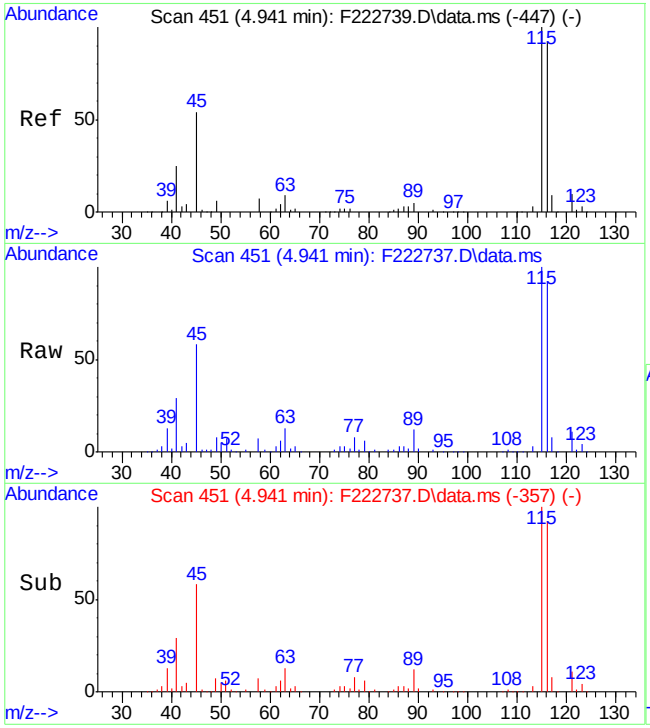


#4
N-Nitrosodimethylamine
Concen: 24.08 ppm
RT: 2.917 min Scan# 72
Delta R.T. 0.001 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 42 Resp: 19037

Ion	Ratio	Lower	Upper
42	100		
74	114.0	82.2	142.2
50	0.0	0.0	30.0

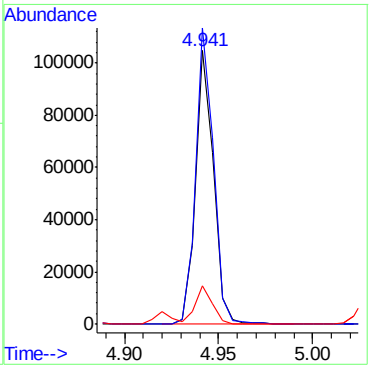


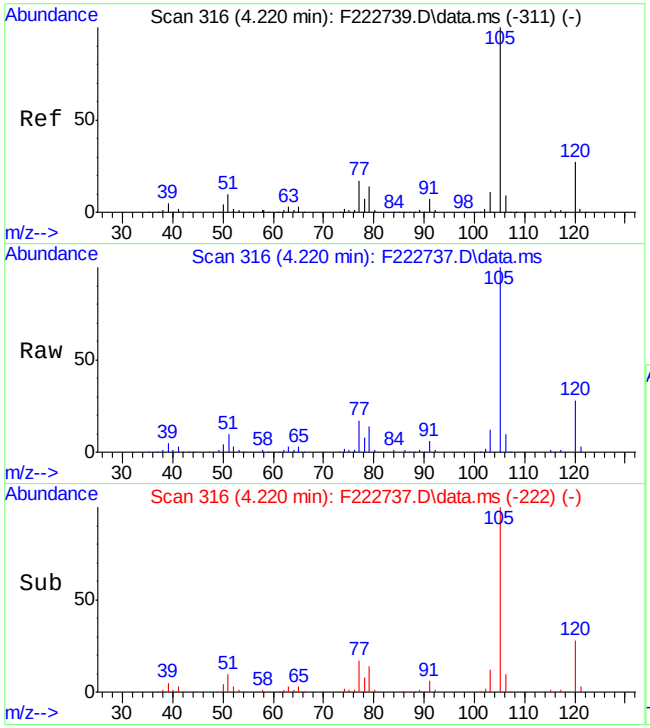


#6
Indene
Concen: 23.65 ppm
RT: 4.941 min Scan# 451
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:116 Resp: 69136

Ion	Ratio	Lower	Upper
116	100		
115	108.2	78.5	138.5
63	11.6	0.0	42.1

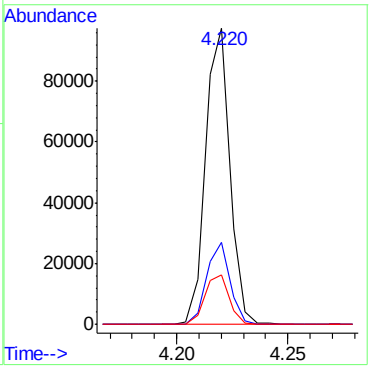


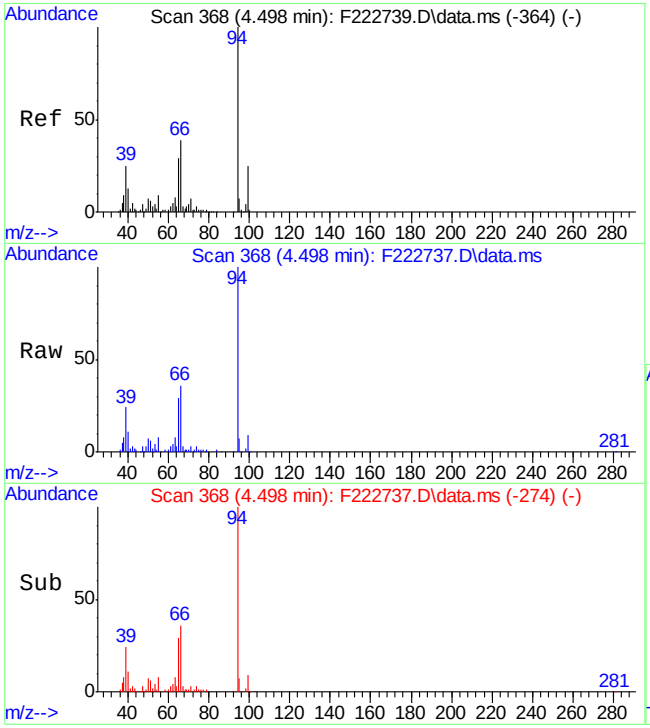


#7
Cumene
Concen: 23.61 ppm
RT: 4.220 min Scan# 316
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:105 Resp: 74182

Ion	Ratio	Lower	Upper
105	100		
120	27.5	0.0	57.2
77	16.6	0.0	46.5

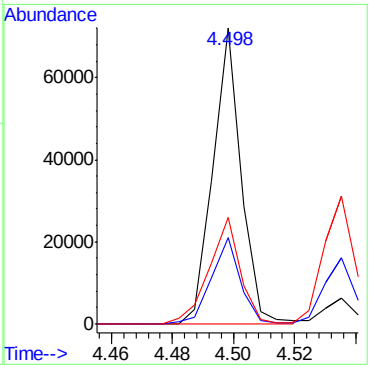


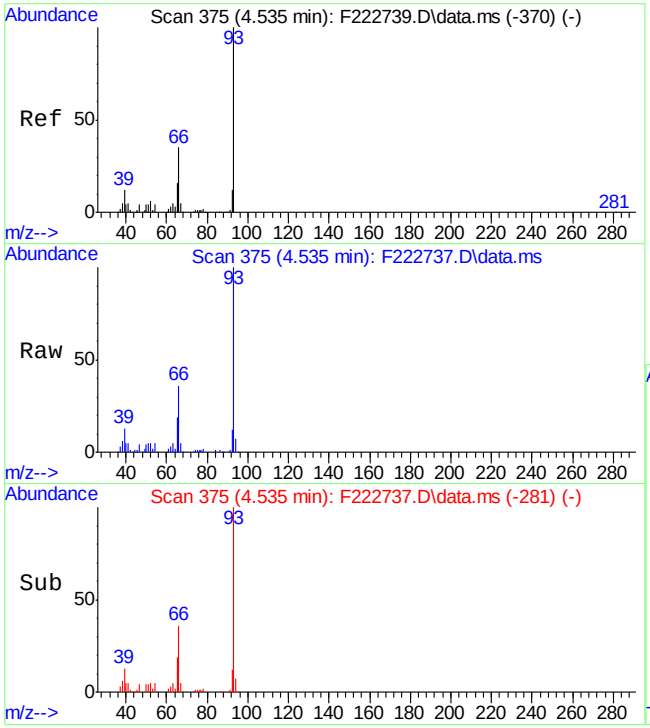


#9
Phenol
Concen: 23.51 ppm
RT: 4.498 min Scan# 368
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 94 Resp: 46102

Ion	Ratio	Lower	Upper
94	100		
65	29.0	0.0	59.0
66	35.8	8.6	68.6

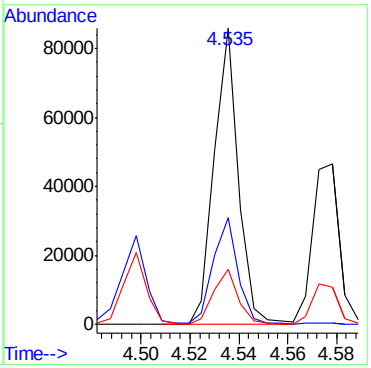


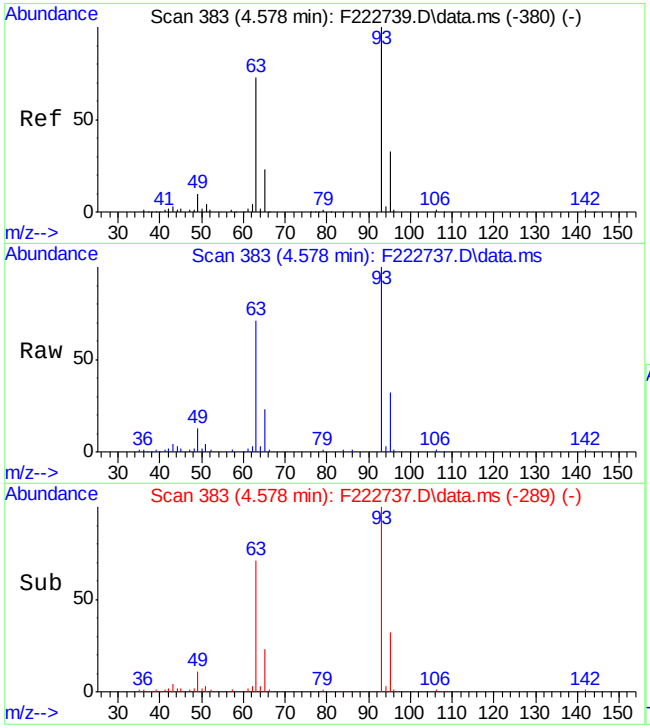


#10
Aniline
Concen: 24.04 ppm
RT: 4.535 min Scan# 375
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 93 Resp: 59060

Ion	Ratio	Lower	Upper
93	100		
66	35.5	6.6	66.6
65	18.1	0.0	47.6

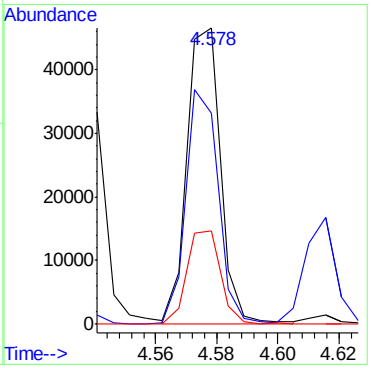


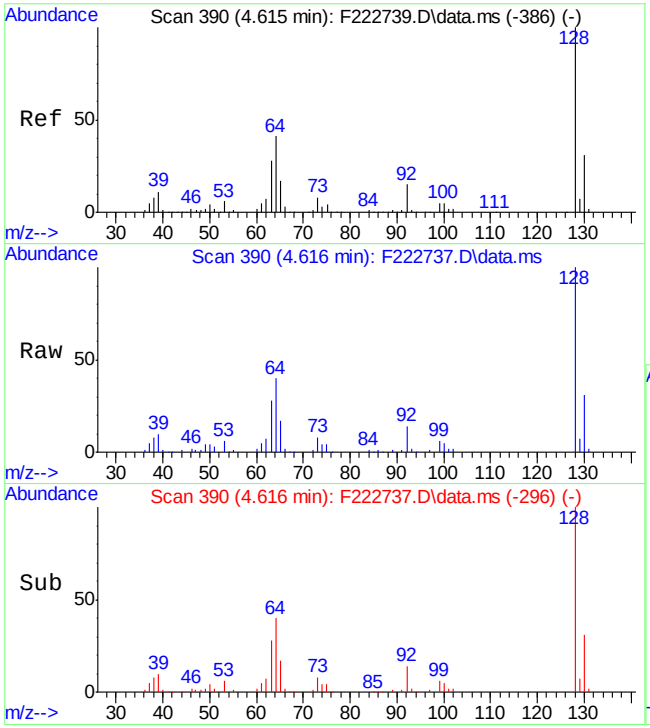


#11
bis(2-Chloroethyl)ether
Concen: 23.32 ppm
RT: 4.578 min Scan# 383
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 93 Resp: 35417

Ion	Ratio	Lower	Upper
93	100		
63	68.9	42.1	102.1
95	31.9	2.4	62.4

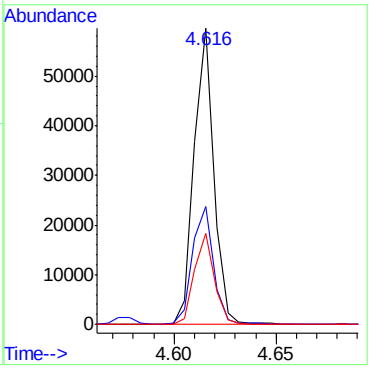


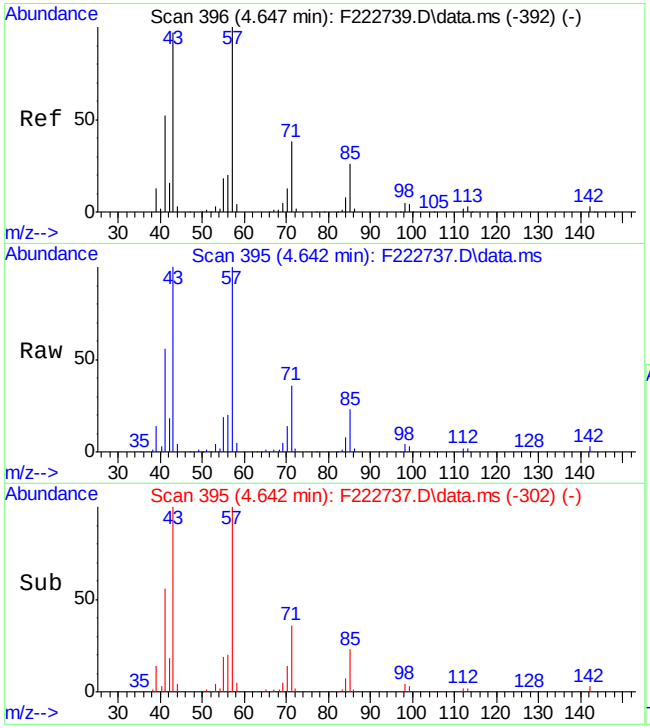


#12
2-Chlorophenol
Concen: 23.34 ppm
RT: 4.616 min Scan# 390
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:128 Resp: 39871

Ion	Ratio	Lower	Upper
128	100		
64	39.7	10.9	70.9
130	30.7	1.2	61.2

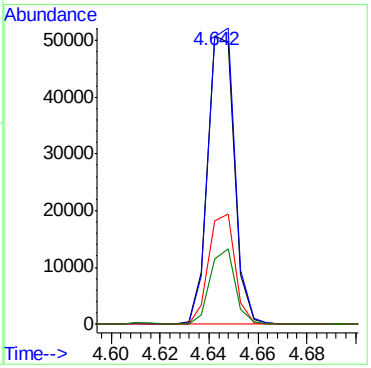


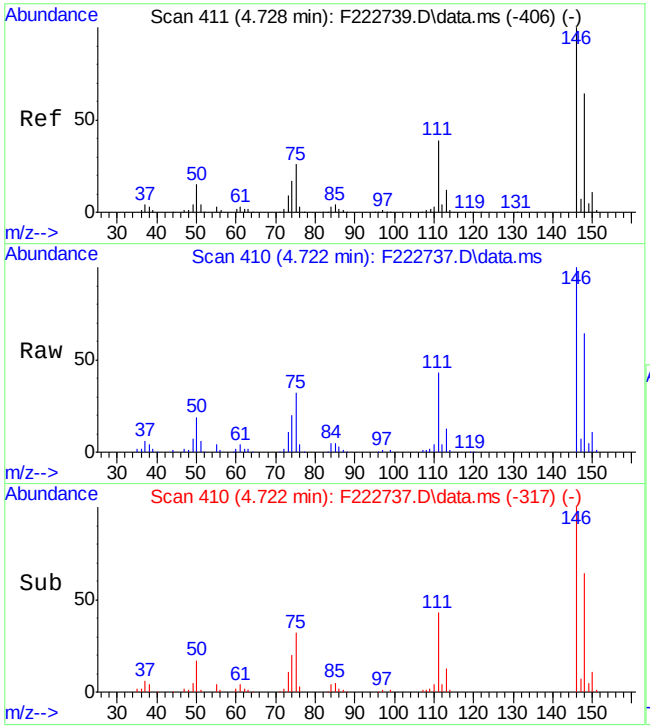


#13
Decane
Concen: 23.89 ppm
RT: 4.642 min Scan# 395
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 43 Resp: 38429

Ion	Ratio	Lower	Upper
43	100		
57	99.9	73.5	133.5
71	36.0	9.4	69.4
85	22.8	0.0	56.4

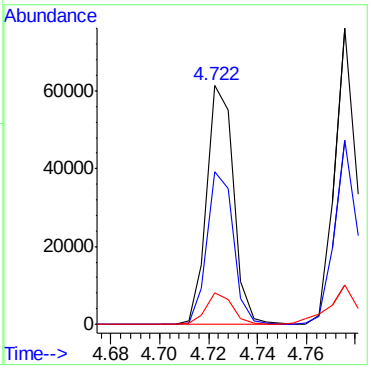


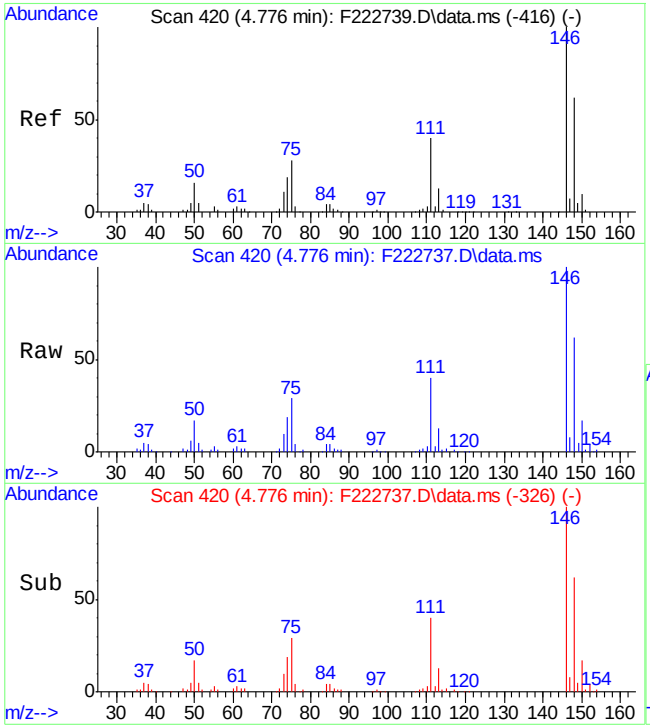


#14
1,3-Dichlorobenzene
Concen: 23.79 ppm
RT: 4.722 min Scan# 410
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:146 Resp: 46724

Ion	Ratio	Lower	Upper
146	100		
148	64.0	33.6	93.6
113	13.1	0.0	41.9

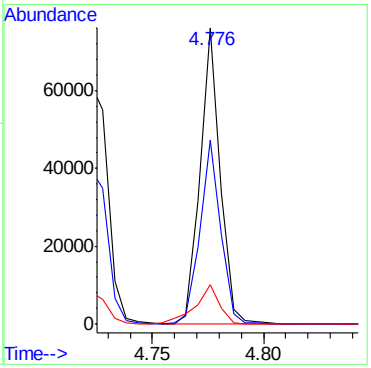


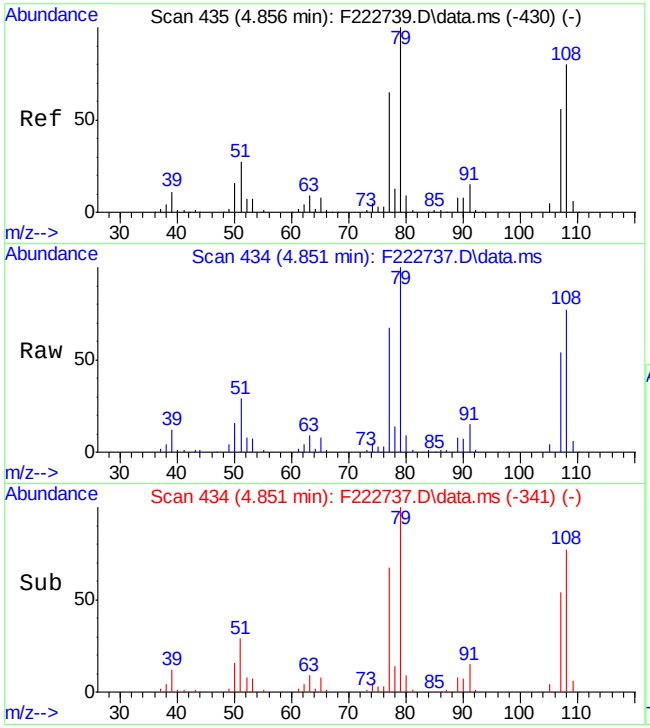


#15
1,4-Dichlorobenzene
Concen: 23.71 ppm
RT: 4.776 min Scan# 420
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:146 Resp: 47750

Ion	Ratio	Lower	Upper
146	100		
148	62.1	32.0	92.0
113	13.2	0.0	42.6

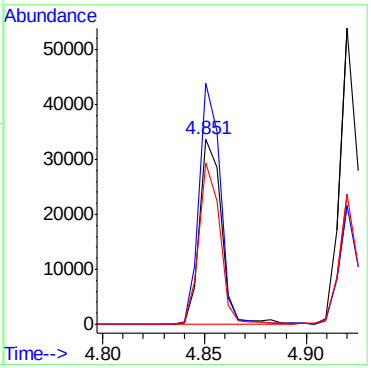


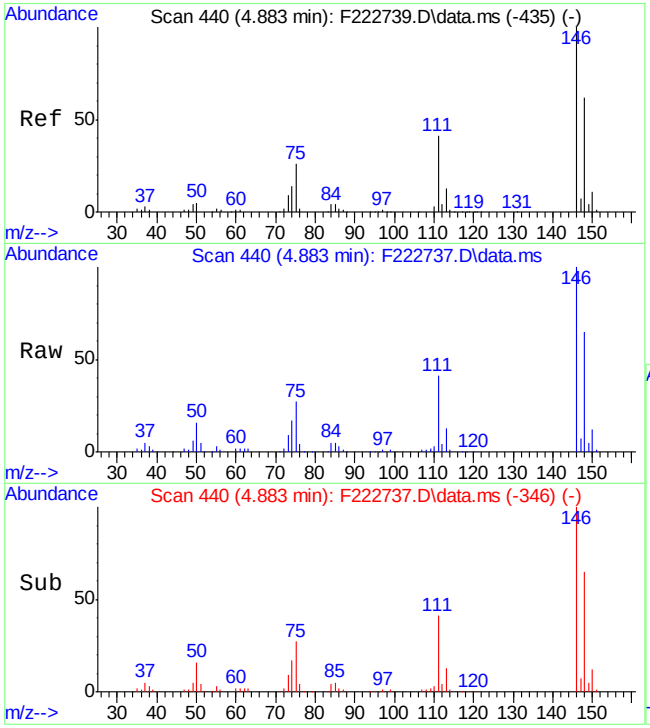


#16
Benzyl alcohol
Concen: 23.51 ppm
RT: 4.851 min Scan# 434
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:108 Resp: 24846

Ion	Ratio	Lower	Upper
108	100		
79	130.3	95.7	155.7
77	87.4	51.3	111.3

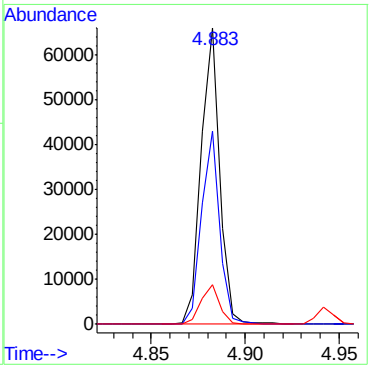


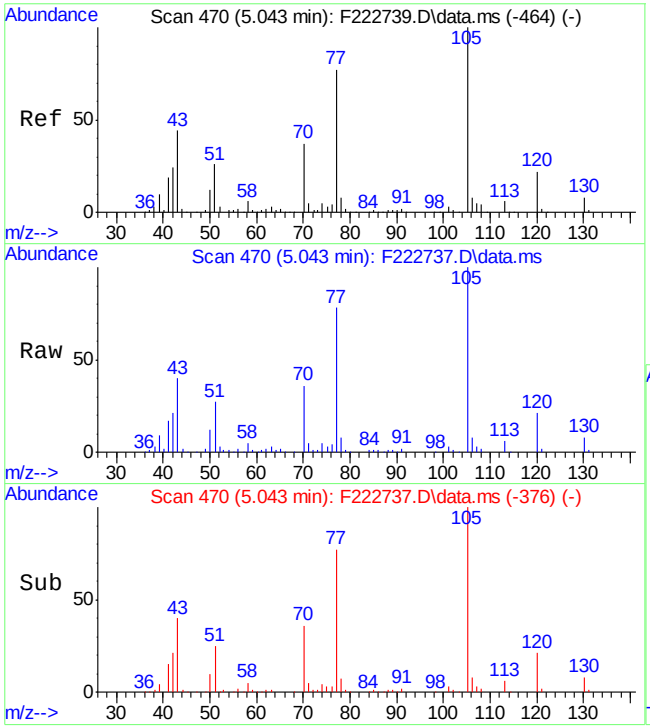


#17
1,2-Dichlorobenzene
Concen: 23.80 ppm
RT: 4.883 min Scan# 440
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:146 Resp: 45191

Ion	Ratio	Lower	Upper
146	100		
148	65.2	31.8	91.8
113	13.4	0.0	42.3

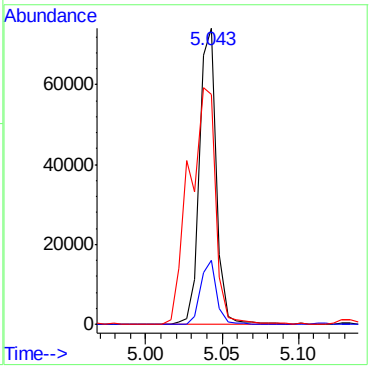


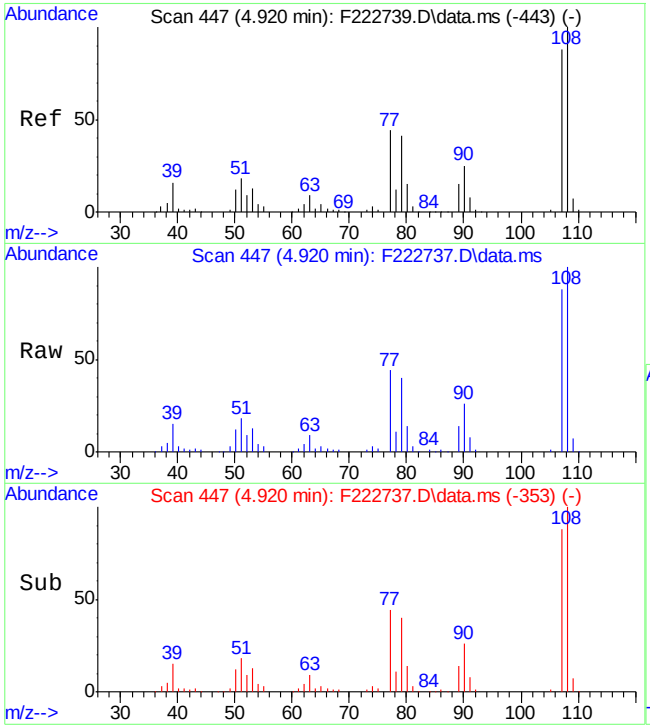


#18
Acetophenone
Concen: 23.22 ppm
RT: 5.043 min Scan# 470
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:105 Resp: 56768

Ion	Ratio	Lower	Upper
105	100		
120	21.5	0.0	51.5
77	77.7	46.5	106.5

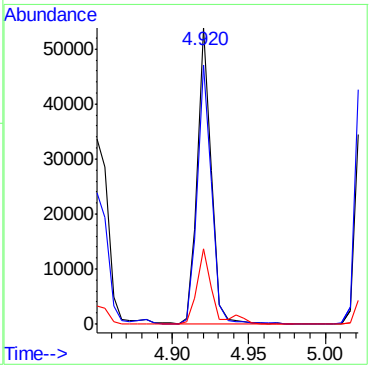


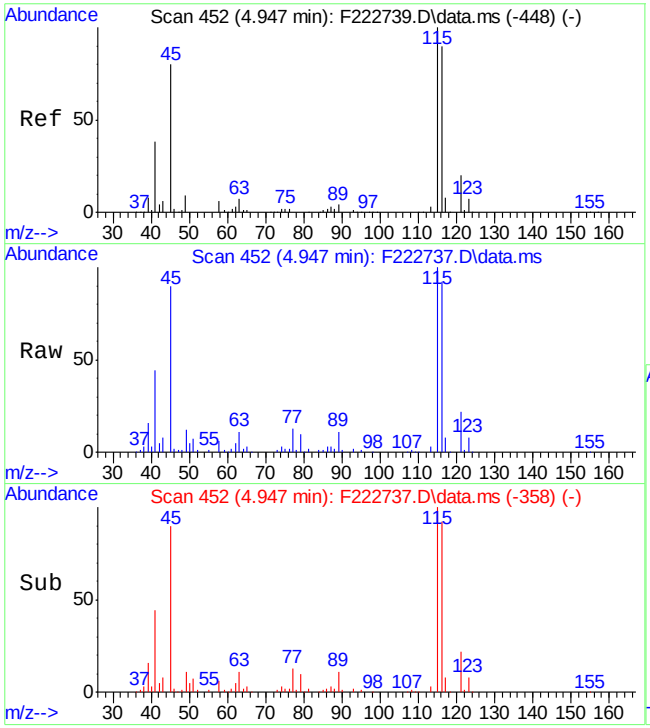


#19
2-Methylphenol
Concen: 23.18 ppm
RT: 4.920 min Scan# 447
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:108 Resp: 34066

Ion	Ratio	Lower	Upper
108	100		
107	87.8	58.3	118.3
90	25.6	0.0	55.3

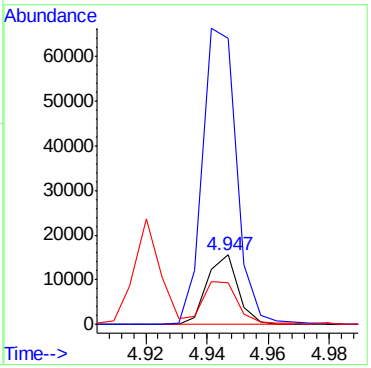


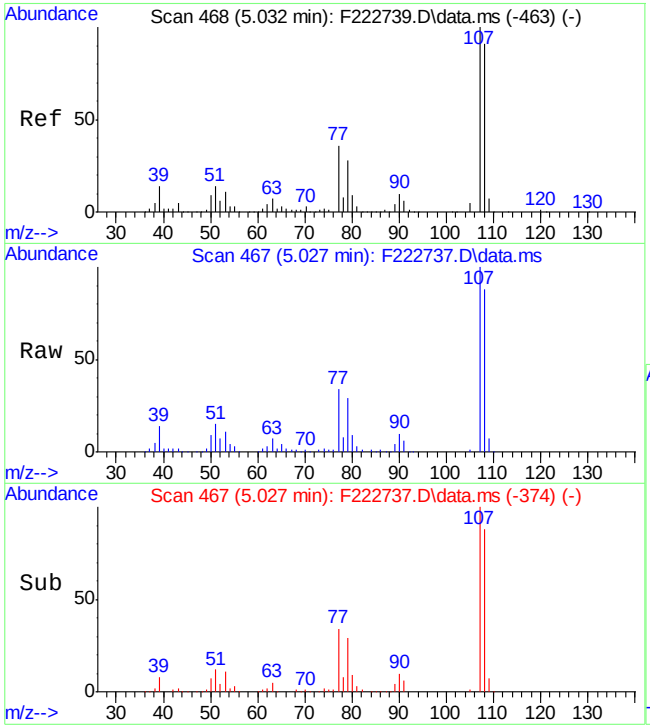


#20
2,2'-oxybis(1-Chloropropane
Concen: 22.77 ppm
RT: 4.947 min Scan# 452
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:121 Resp: 10818

Ion	Ratio	Lower	Upper
121	100		
45	410.4	374.4	434.4
77	24.8	0.0	49.9

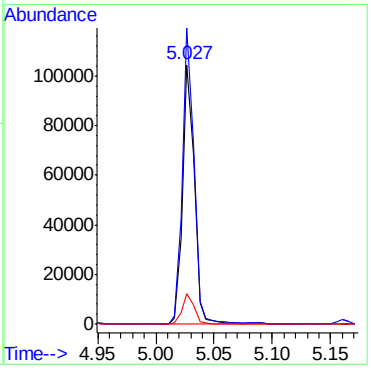


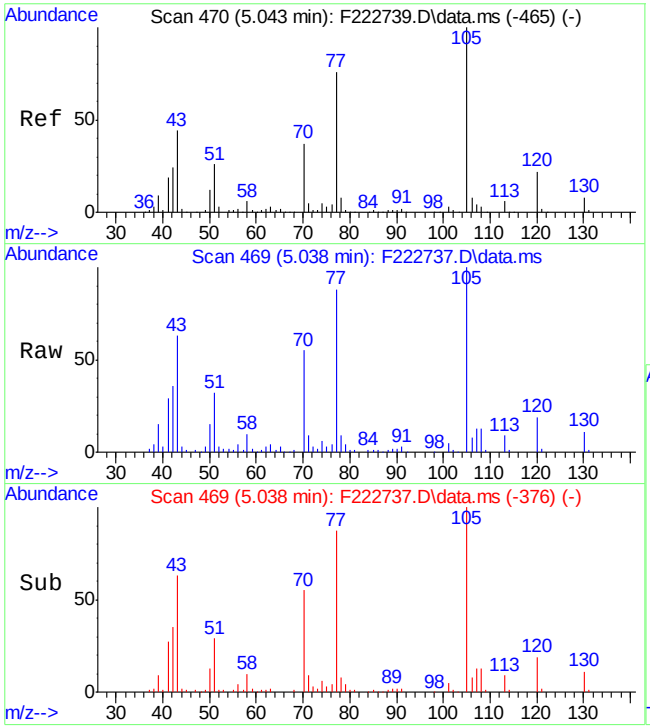


#21
3&4-Methylphenol
Concen: 45.70 ppm
RT: 5.027 min Scan# 467
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:108 Resp: 72375

Ion	Ratio	Lower	Upper
108	100		
107	113.9	80.0	140.0
90	11.7	0.0	41.5

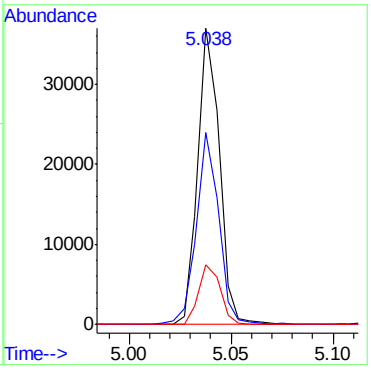


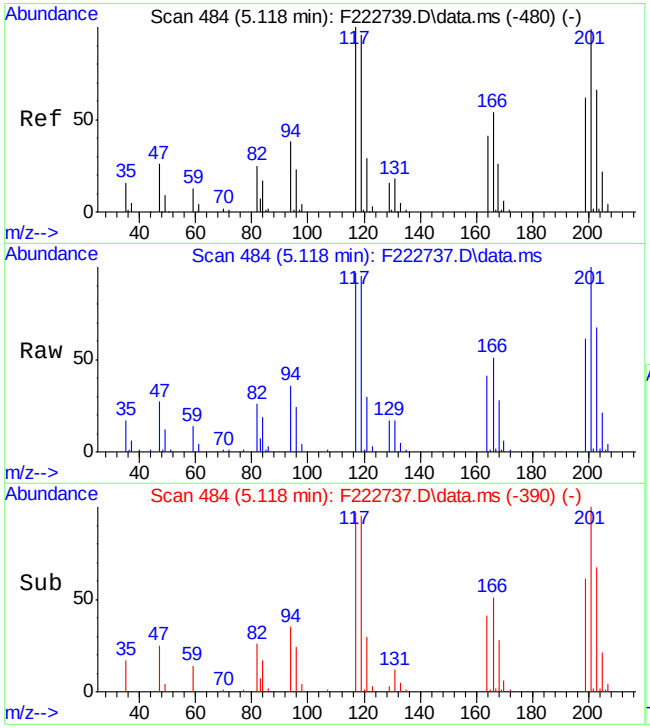


#22
n-Nitroso-di-n-propylamine
Concen: 23.99 ppm
RT: 5.038 min Scan# 469
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 70 Resp: 27125

Ion	Ratio	Lower	Upper
70	100		
42	64.7	44.9	83.5
130	20.2	15.4	28.6

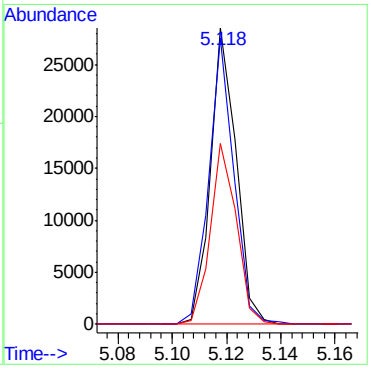


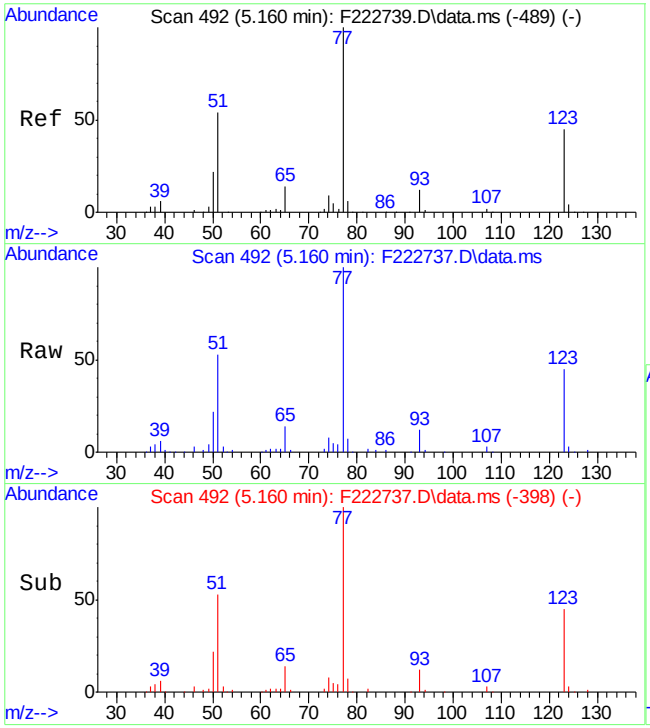


#23
Hexachloroethane
Concen: 23.32 ppm
RT: 5.118 min Scan# 484
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:201 Resp: 18592

Ion	Ratio	Lower	Upper
201	100		
117	96.6	70.8	130.8
199	61.0	32.9	92.9

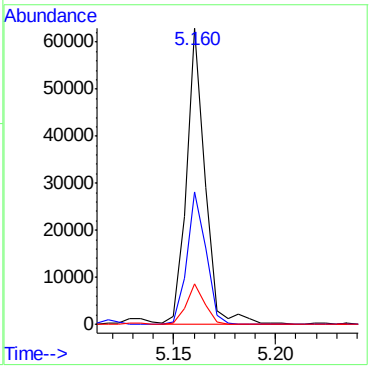


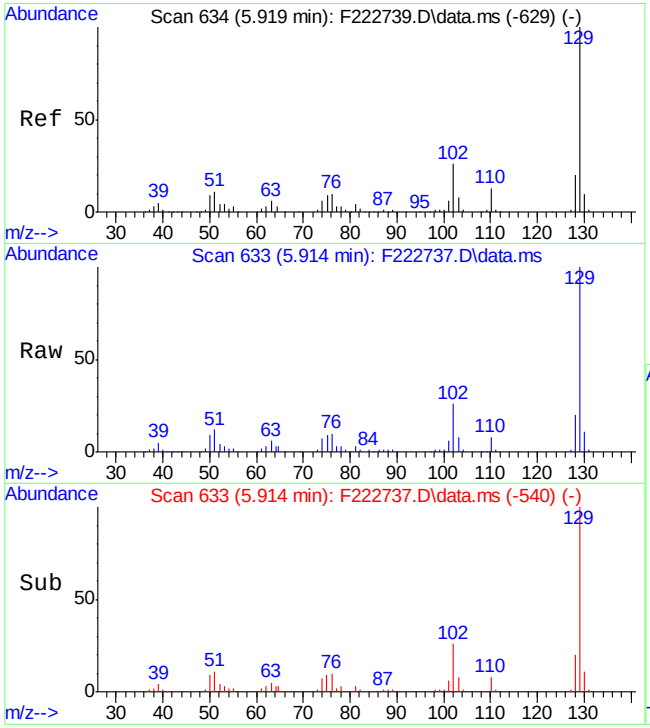


#26
Nitrobenzene
Concen: 23.17 ppm
RT: 5.160 min Scan# 492
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 77 Resp: 39979

Ion	Ratio	Lower	Upper
77	100		
123	44.8	14.9	74.9
65	13.8	0.0	44.3

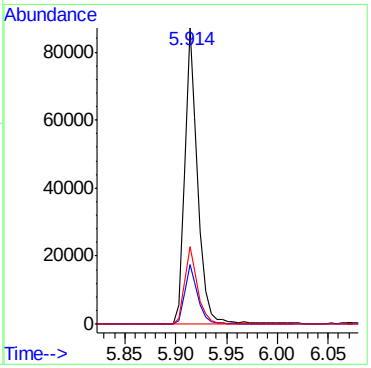


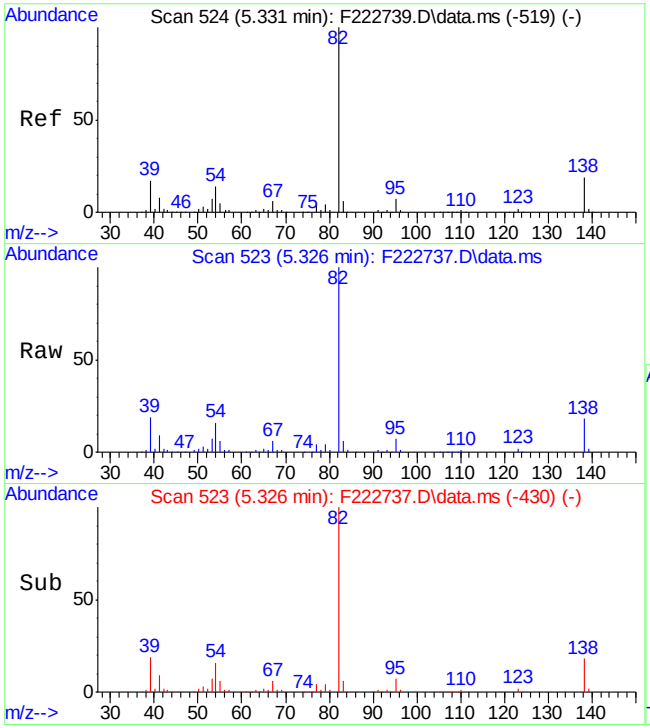


#27
Quinoline
Concen: 23.17 ppm
RT: 5.914 min Scan# 633
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:129 Resp: 78528

Ion	Ratio	Lower	Upper
129	100		
128	20.2	0.0	49.8
102	26.1	0.0	55.7

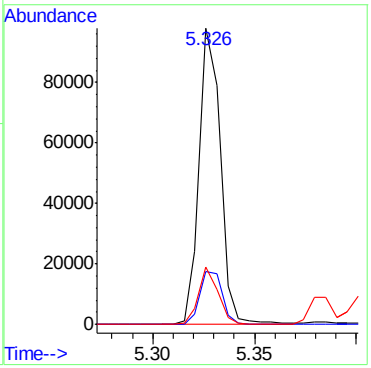


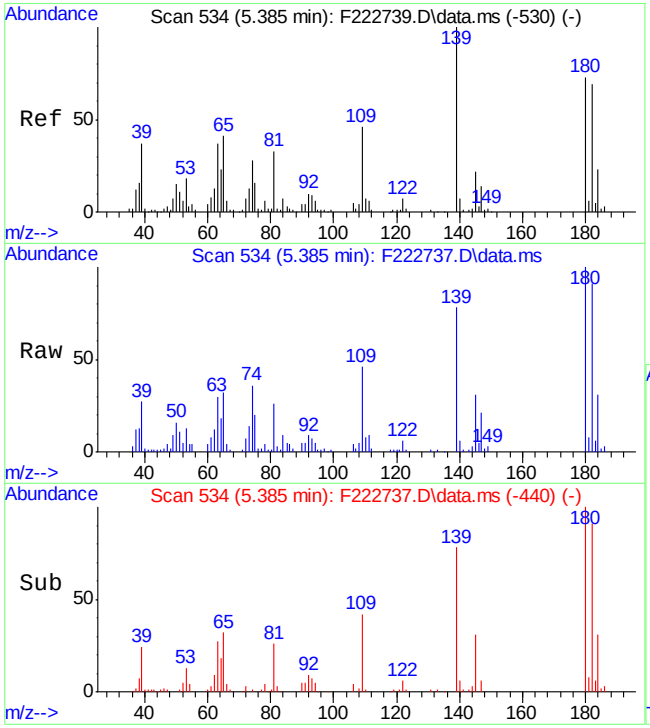


#28
Isophorone
Concen: 23.07 ppm
RT: 5.326 min Scan# 523
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 82 Resp: 70518

Ion	Ratio	Lower	Upper
82	100		
138	17.9	0.0	48.7
39	19.4	0.0	46.7

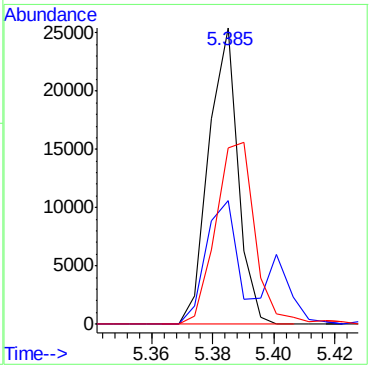


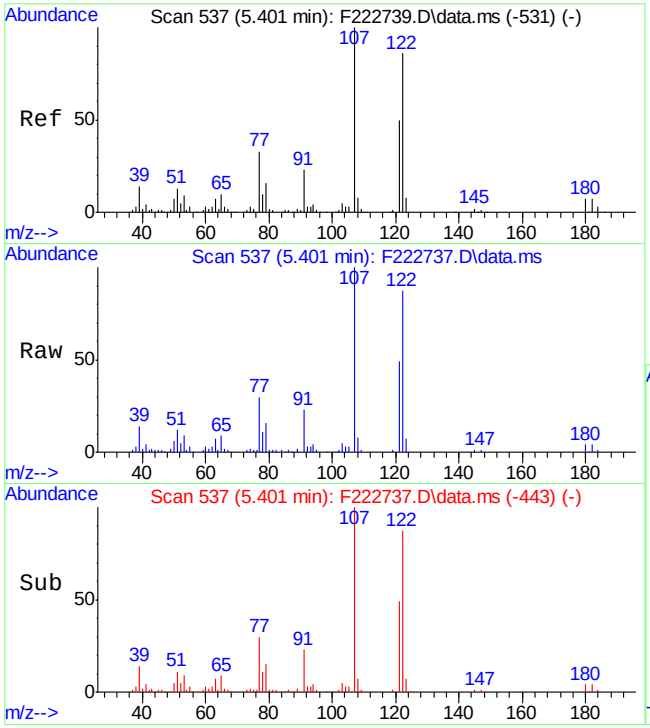


#29
2-Nitrophenol
Concen: 20.42 ppm
RT: 5.385 min Scan# 534
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:139 Resp: 16771

Ion	Ratio	Lower	Upper
139	100		
65	37.0	10.5	70.5
109	58.3	16.1	76.1

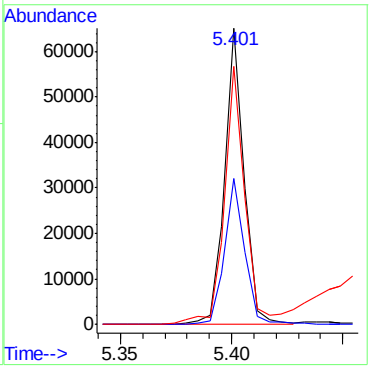


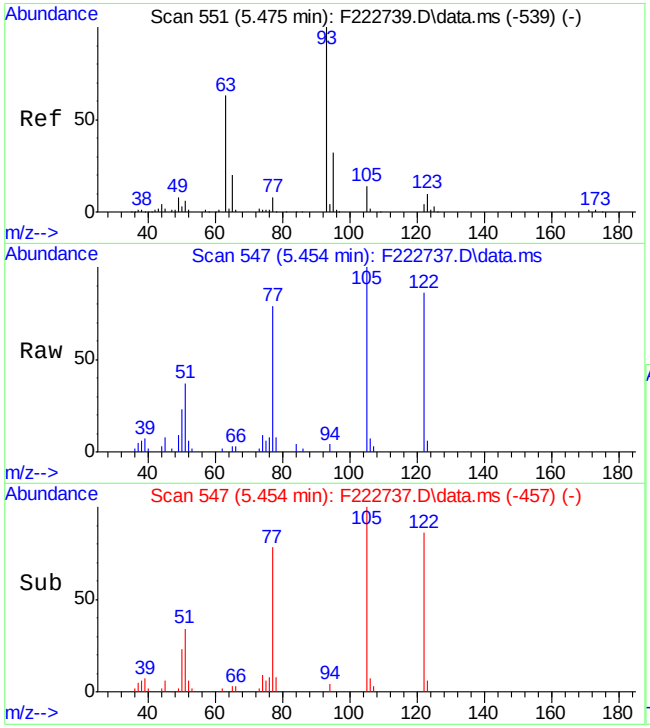


#30
2,4-Dimethylphenol
Concen: 22.96 ppm
RT: 5.401 min Scan# 537
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:107 Resp: 39781

Ion	Ratio	Lower	Upper
107	100		
121	49.2	20.1	80.1
122	84.8	49.3	109.3

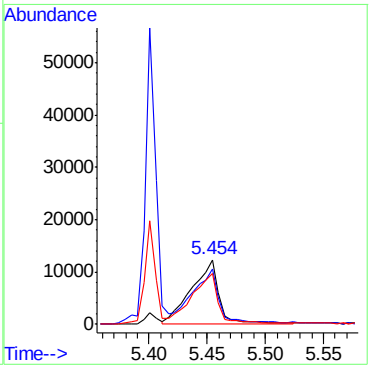


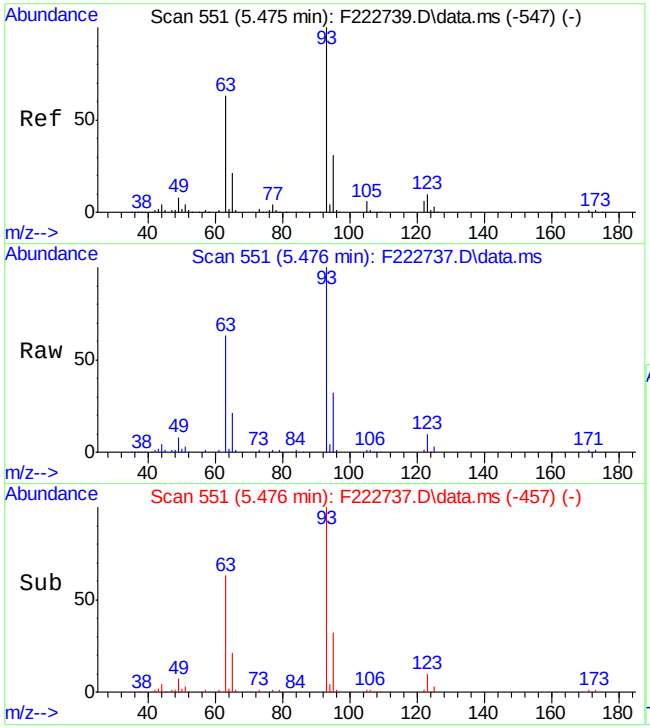


#31
Benzoic acid
Concen: 20.38 ppm
RT: 5.454 min Scan# 547
Delta R.T. -0.021 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:105 Resp: 20364

Ion	Ratio	Lower	Upper
105	100		
122	72.7	28.8	88.8
77	76.2	34.7	94.7

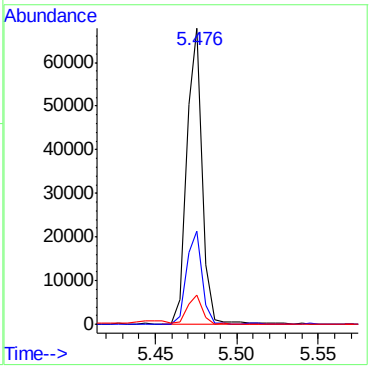


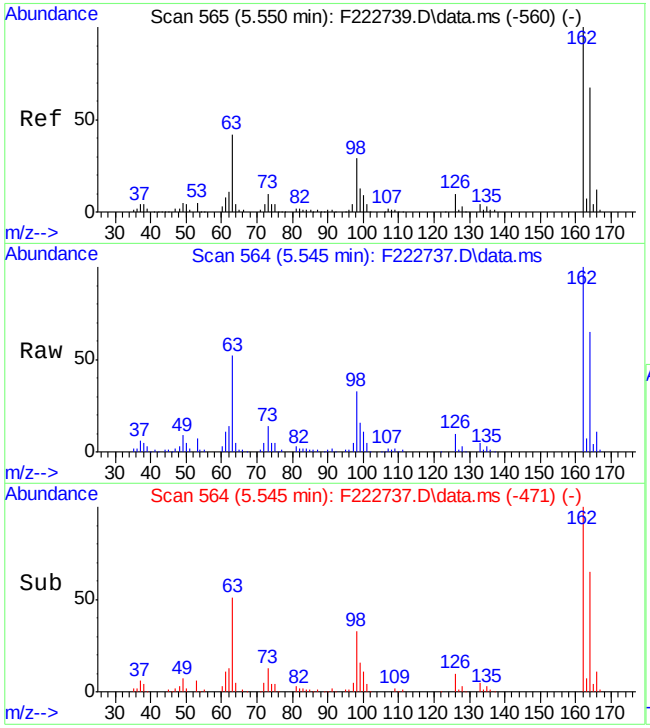


#32
bis(2-Chloroethoxy)methane
Concen: 22.91 ppm
RT: 5.476 min Scan# 551
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 93 Resp: 45443

Ion	Ratio	Lower	Upper
93	100		
95	31.6	1.4	61.4
123	9.3	0.0	40.0

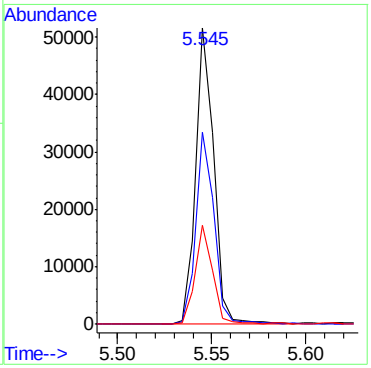


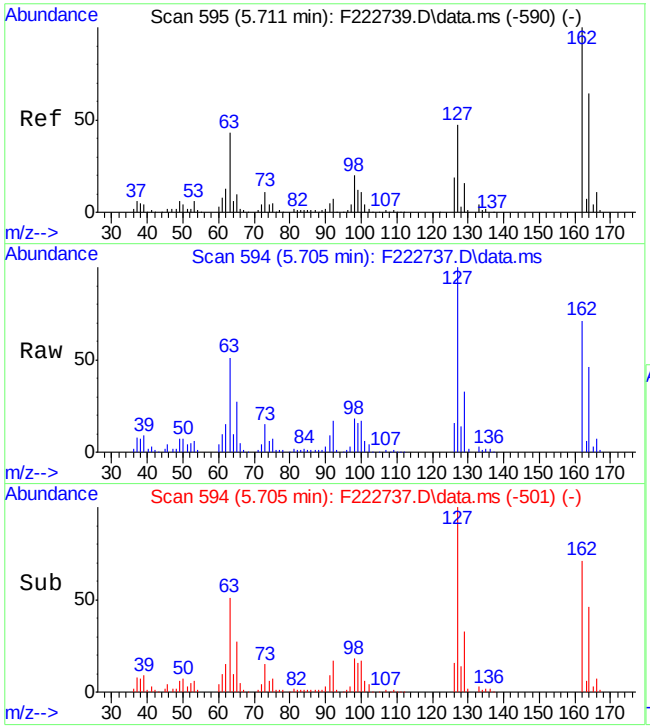


#33
2,4-Dichlorophenol
Concen: 22.60 ppm
RT: 5.545 min Scan# 564
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:162 Resp: 34496

Ion	Ratio	Lower	Upper
162	100		
164	64.5	36.7	96.7
98	33.4	0.0	59.1

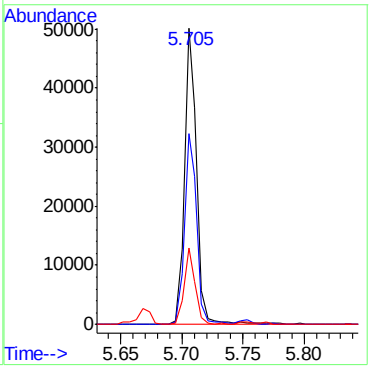


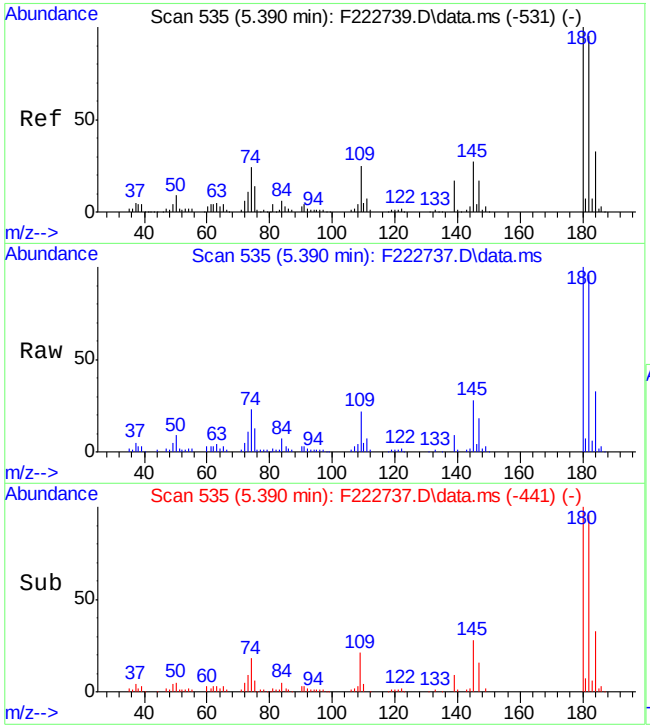


#34
2,6-Dichlorophenol
Concen: 22.43 ppm
RT: 5.705 min Scan# 594
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:162 Resp: 35291

Ion	Ratio	Lower	Upper
162	100		
164	64.4	34.3	94.3
98	25.8	0.0	49.7

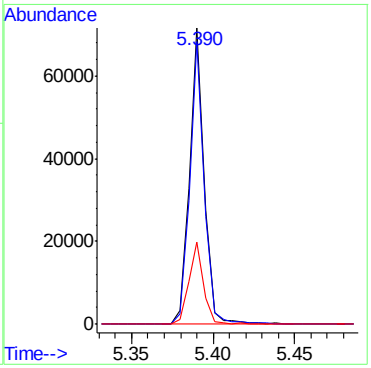


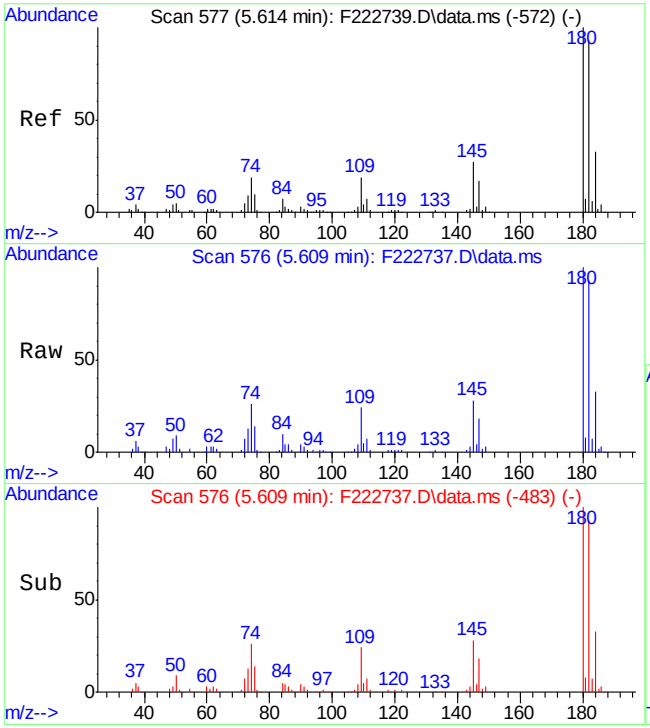


#35
1,3,5-Trichlorobenzene
Concen: 23.13 ppm
RT: 5.390 min Scan# 535
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:180 Resp: 44990

Ion	Ratio	Lower	Upper
180	100		
182	95.6	65.3	125.3
145	27.5	0.0	57.4

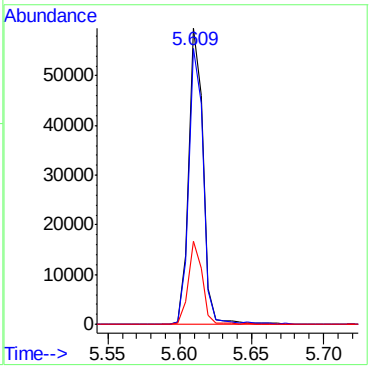


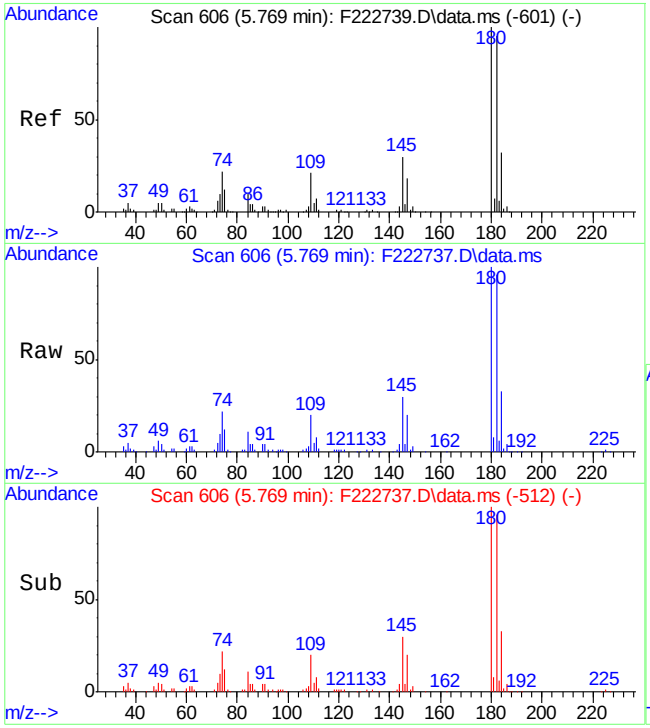


#36
1,2,4-Trichlorobenzene
Concen: 23.03 ppm
RT: 5.609 min Scan# 576
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:180 Resp: 41945

Ion	Ratio	Lower	Upper
180	100		
182	93.3	63.3	123.3
145	28.0	0.0	56.9

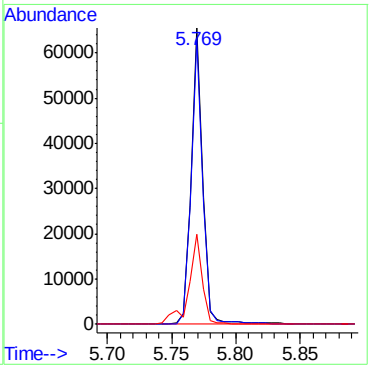


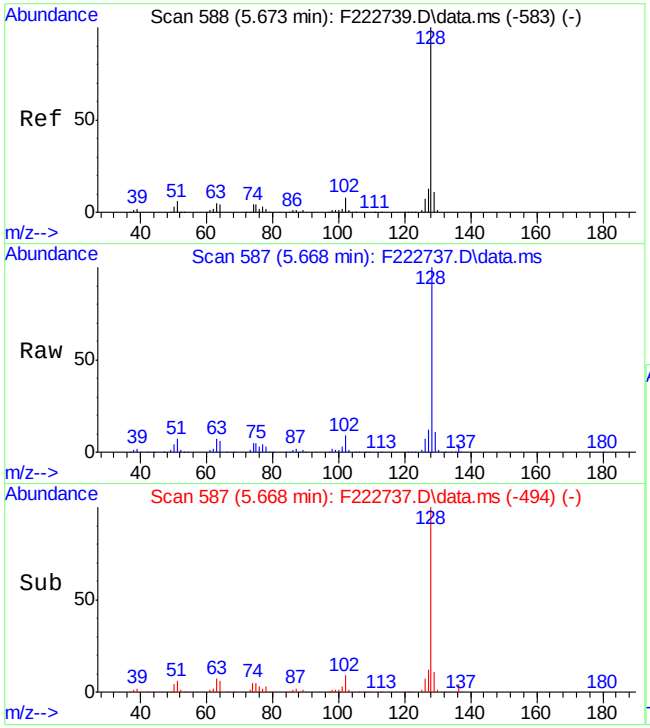


#37
1,2,3-Trichlorobenzene
Concen: 22.14 ppm
RT: 5.769 min Scan# 606
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:180 Resp: 41372

Ion	Ratio	Lower	Upper
180	100		
182	96.2	64.7	124.7
145	30.1	0.0	59.8

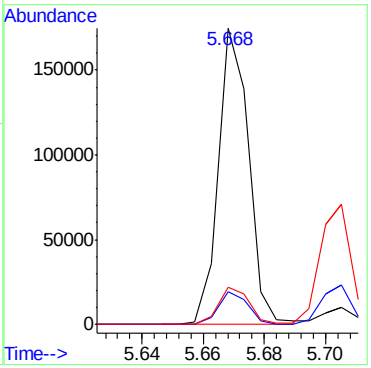


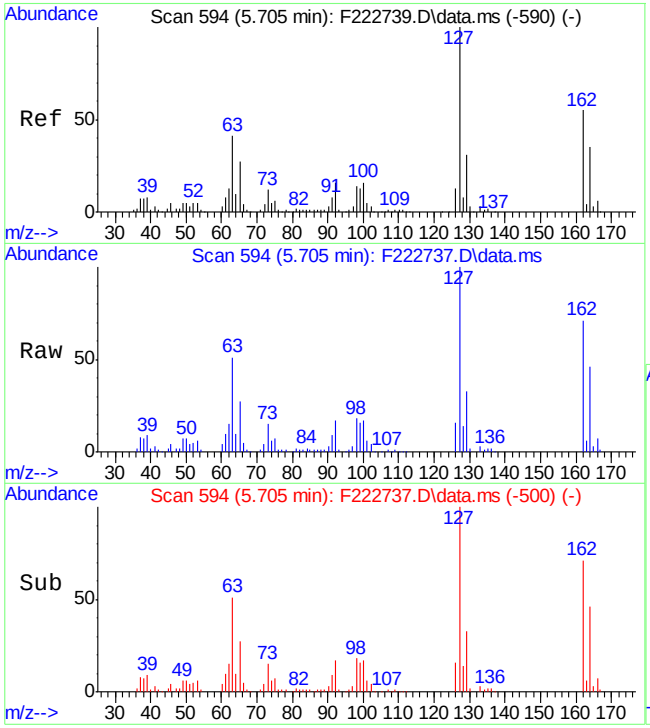


#38
Naphthalene
Concen: 23.28 ppm
RT: 5.668 min Scan# 587
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:128 Resp: 120382

Ion	Ratio	Lower	Upper
128	100		
129	11.0	0.0	40.5
127	12.4	0.0	42.8

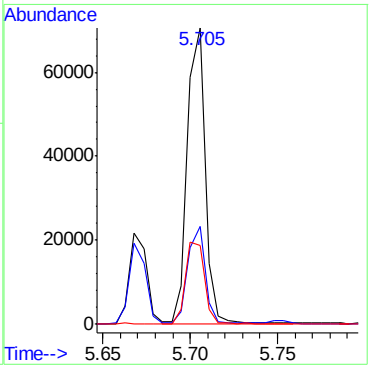


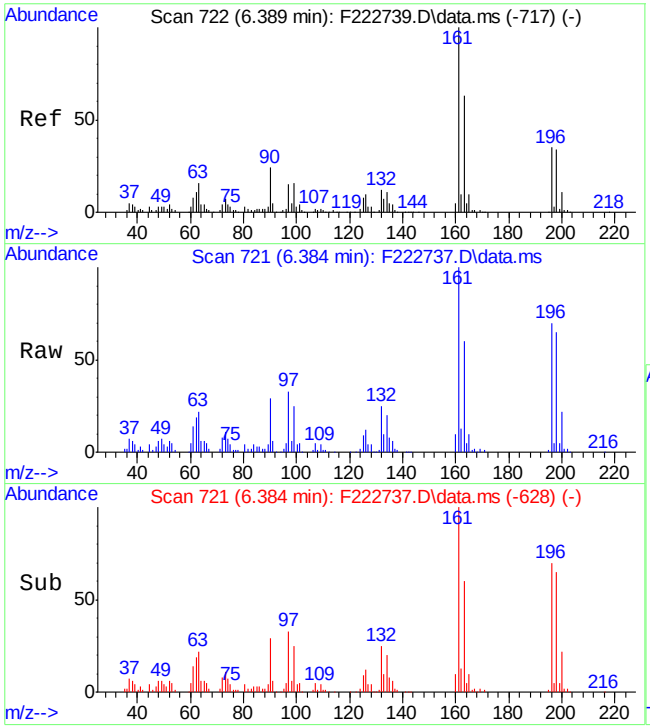


#39
4-Chloroaniline
Concen: 22.52 ppm
RT: 5.705 min Scan# 594
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:127 Resp: 50732

Ion	Ratio	Lower	Upper
127	100		
129	32.8	1.4	61.4
65	26.7	0.0	57.0

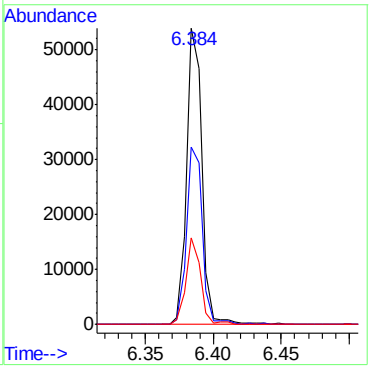


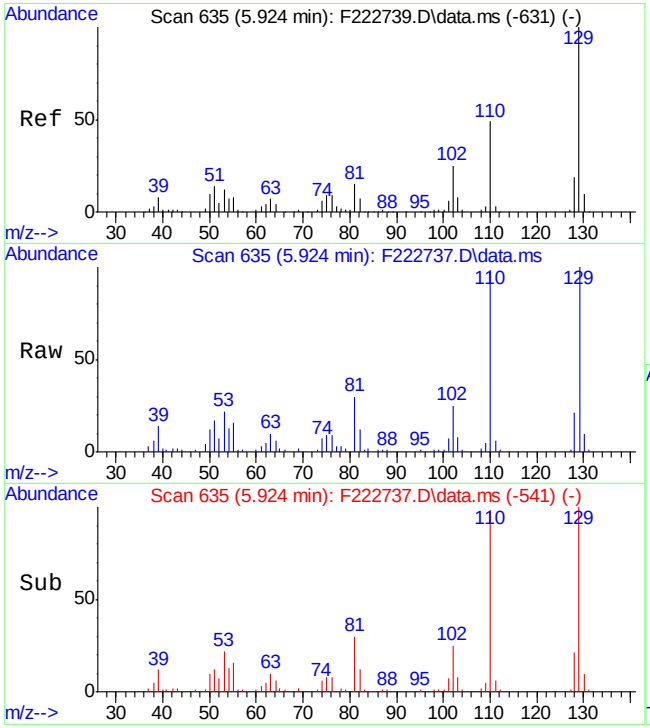


#40
2,3-Dichloroaniline
Concen: 22.91 ppm
RT: 6.384 min Scan# 721
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:161 Resp: 42048

Ion	Ratio	Lower	Upper
161	100		
163	59.9	32.9	92.9
90	29.1	0.0	54.3

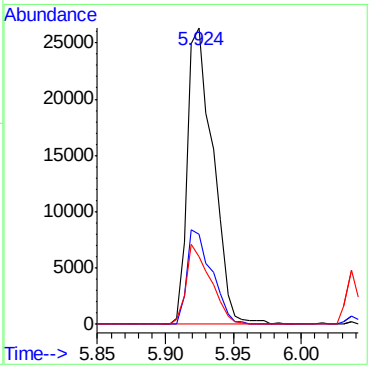


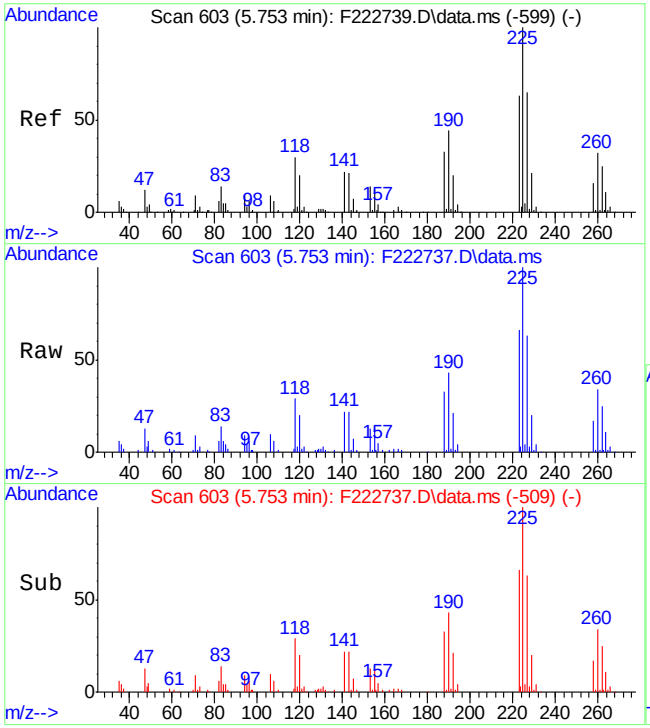


#41
Hydroquinone
Concen: 22.63 ppm
RT: 5.924 min Scan# 635
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:110 Resp: 34407

Ion	Ratio	Lower	Upper
110	100		
81	30.3	0.7	60.7
53	22.6	0.0	54.6

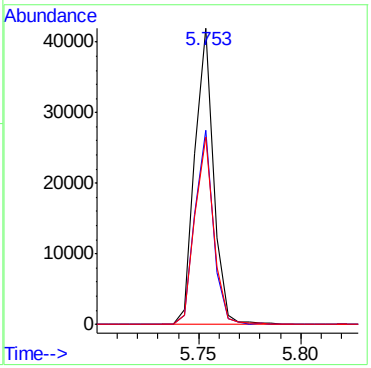


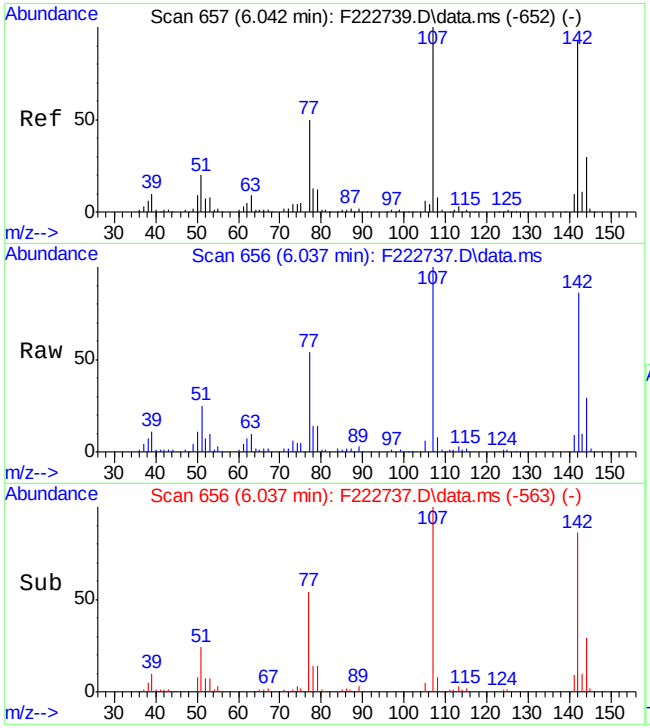


#42
Hexachlorobutadiene
Concen: 22.53 ppm
RT: 5.753 min Scan# 603
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:225 Resp: 26568

Ion	Ratio	Lower	Upper
225	100		
223	65.7	33.1	93.1
227	63.2	35.0	95.0

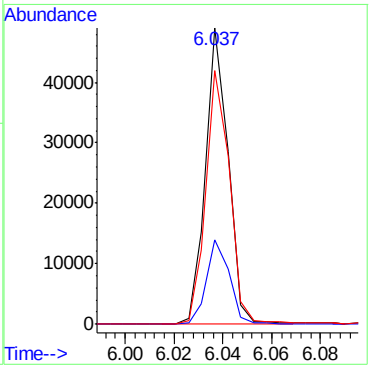


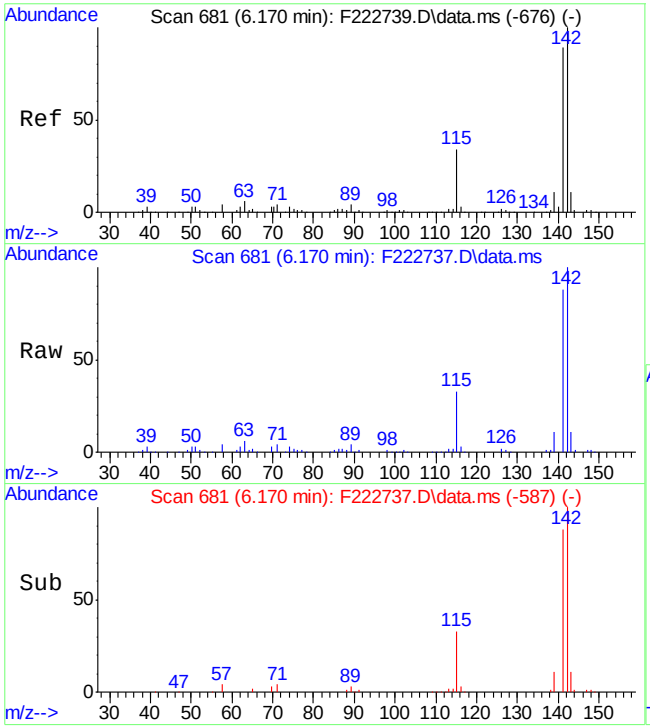


#43
4-Chloro-3-methylphenol
Concen: 22.21 ppm
RT: 6.037 min Scan# 656
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:107 Resp: 31470

Ion	Ratio	Lower	Upper
107	100		
144	28.6	0.0	59.6
142	85.6	62.6	122.6

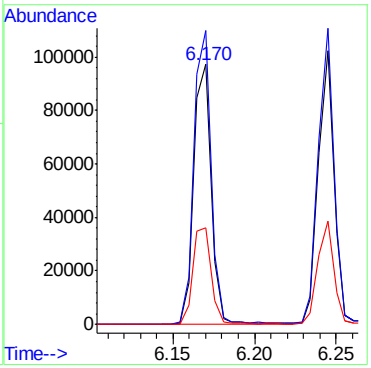


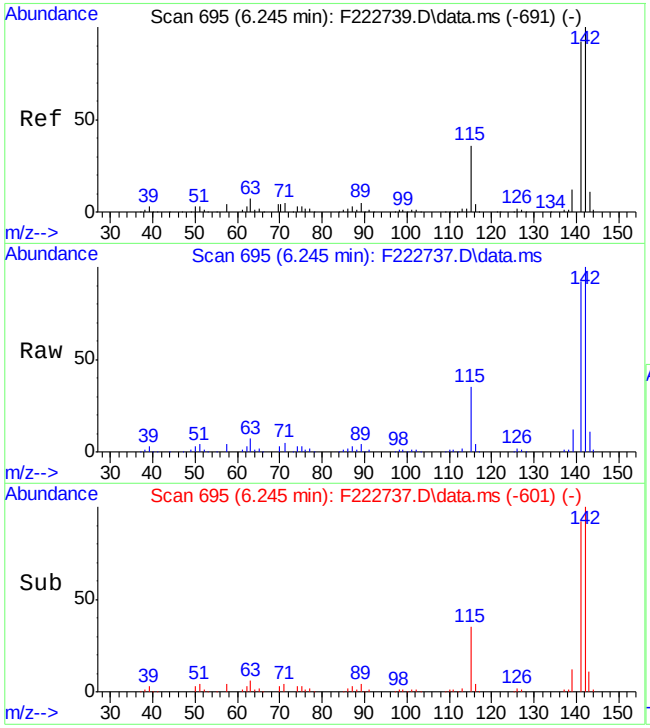


#44
2-Methylnaphthalene
Concen: 23.17 ppm
RT: 6.170 min Scan# 681
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:141 Resp: 73152

Ion	Ratio	Lower	Upper
141	100		
142	113.1	82.0	142.0
115	36.9	8.2	68.2

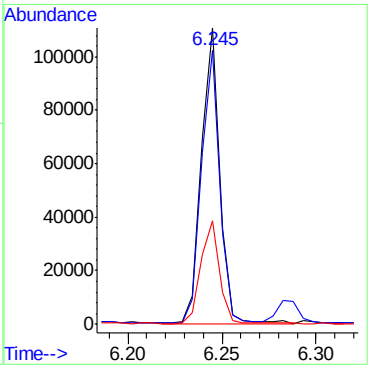


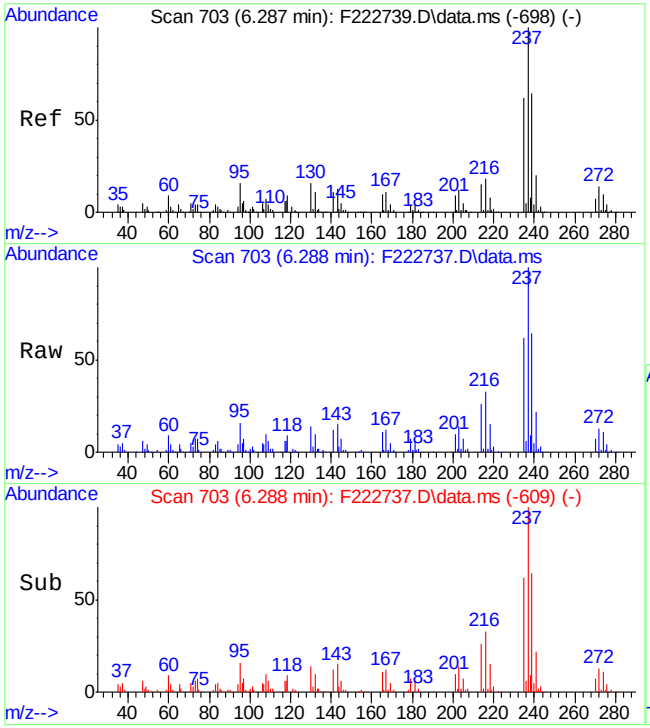


#45
1-Methylnaphthalene
Concen: 23.23 ppm
RT: 6.245 min Scan# 695
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:142 Resp: 75605

Ion	Ratio	Lower	Upper
142	100		
141	88.6	61.5	121.5
115	34.7	5.8	65.8

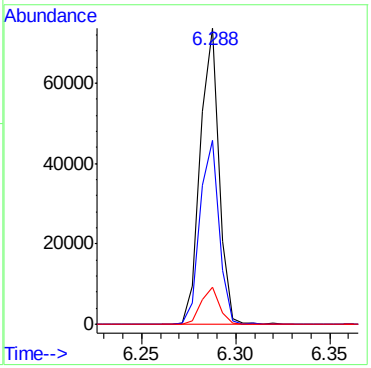


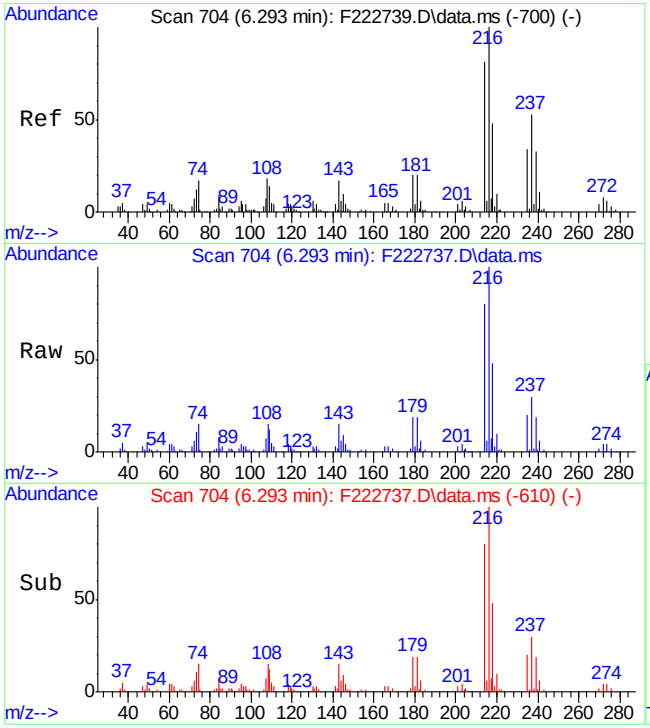


#47
Hexachlorocyclopentadiene
Concen: 43.41 ppm
RT: 6.288 min Scan# 703
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:237 Resp: 51015

Ion	Ratio	Lower	Upper
237	100		
235	62.2	32.2	92.2
272	12.7	0.0	43.6

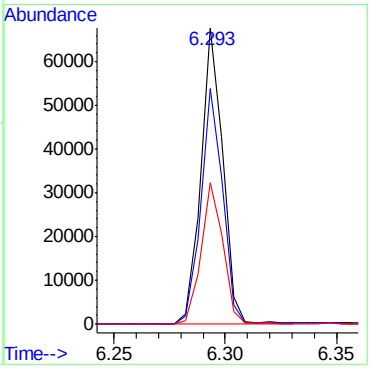


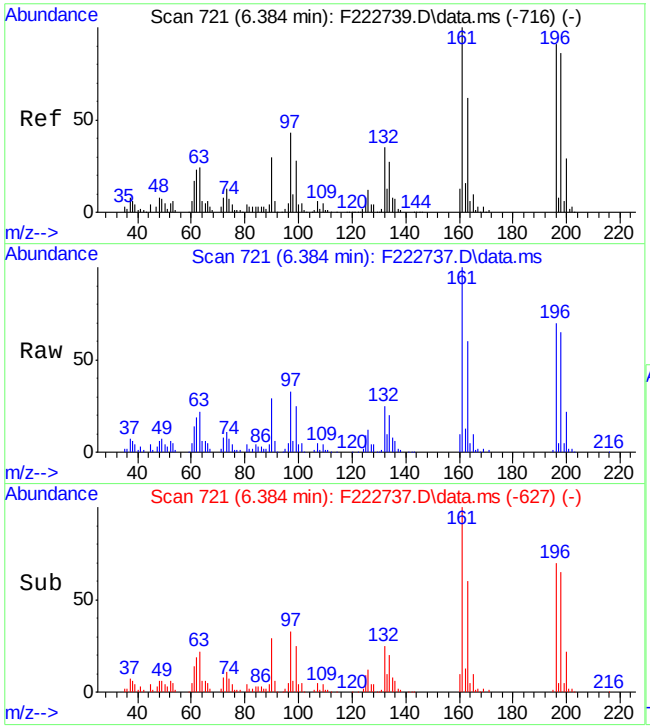


#48
1,2,4,5-tetrachlorobenzene
Concen: 23.23 ppm
RT: 6.293 min Scan# 704
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:216 Resp: 46449

Ion	Ratio	Lower	Upper
216	100		
214	78.6	55.4	103.0
218	47.5	33.4	62.0

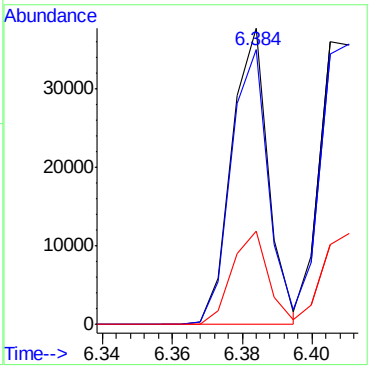


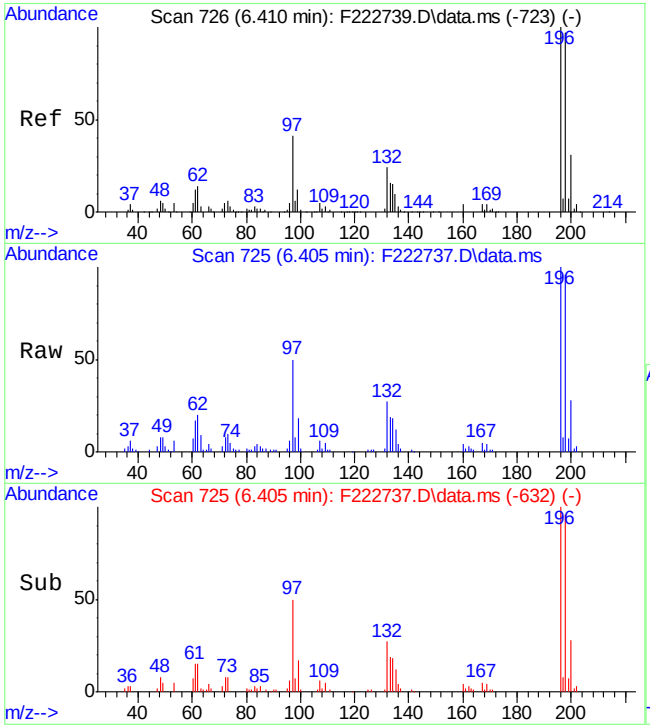


#49
2,4,6-Trichlorophenol
Concen: 22.68 ppm
RT: 6.384 min Scan# 721
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:196 Resp: 27410

Ion	Ratio	Lower	Upper
196	100		
198	92.3	64.2	124.2
200	31.2	2.2	62.2

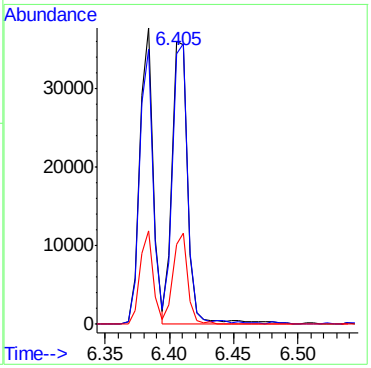


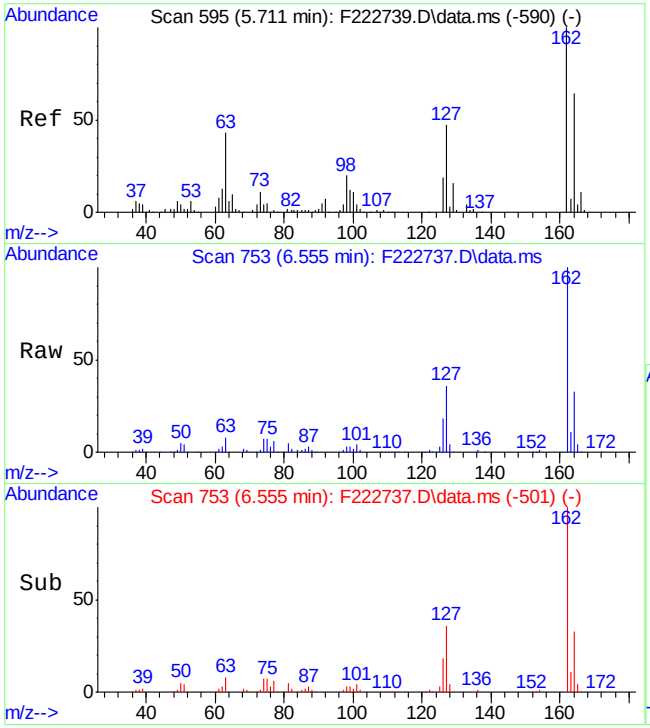


#50
2,4,5-Trichlorophenol
Concen: 22.25 ppm
RT: 6.405 min Scan# 725
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:196 Resp: 30309

Ion	Ratio	Lower	Upper
196	100		
198	95.4	67.0	127.0
200	28.2	1.2	61.2

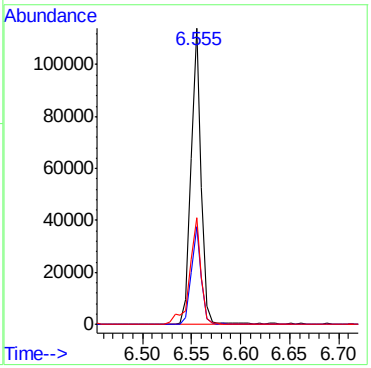


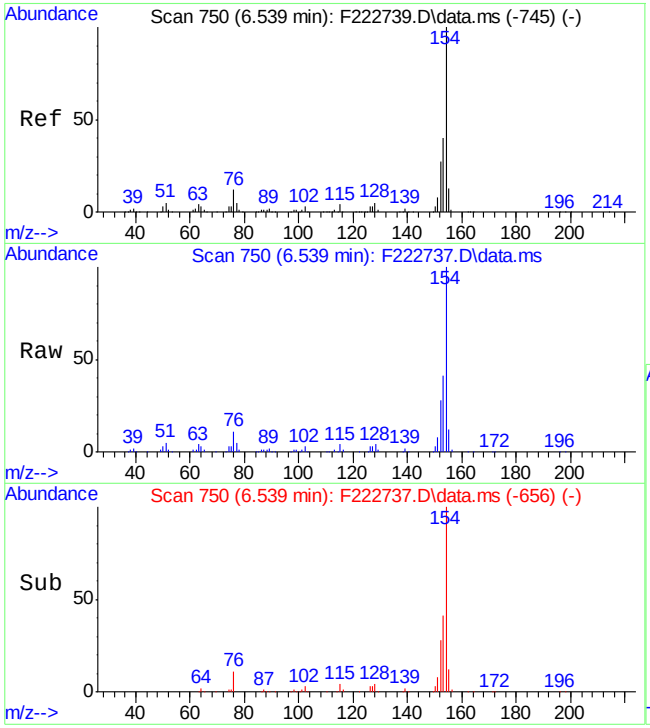


#52
2-Chloronaphthalene
Concen: 52.61 ppm m
RT: 6.555 min Scan# 753
Delta R.T. 0.844 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:162 Resp: 81508

Ion	Ratio	Lower	Upper
162	100		
164	33.1	34.3	94.3#
127	35.8	16.9	76.9

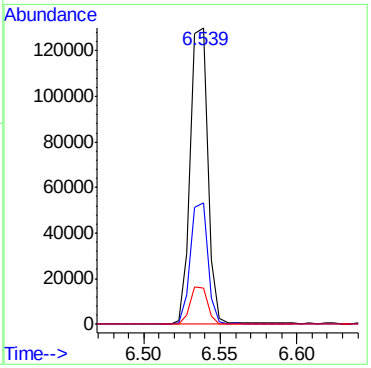


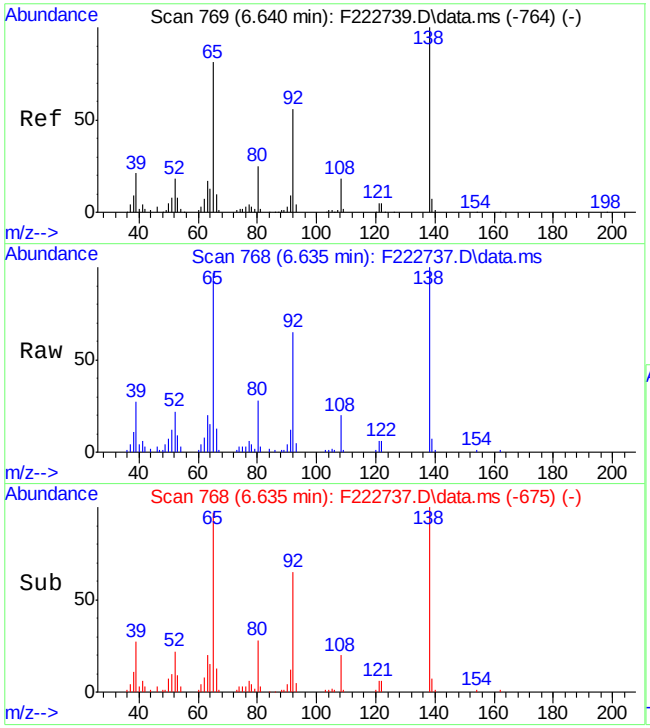


#53
Biphenyl
Concen: 23.29 ppm
RT: 6.539 min Scan# 750
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:154 Resp: 104438

Ion	Ratio	Lower	Upper
154	100		
153	40.9	9.8	69.8
155	12.4	0.0	42.7

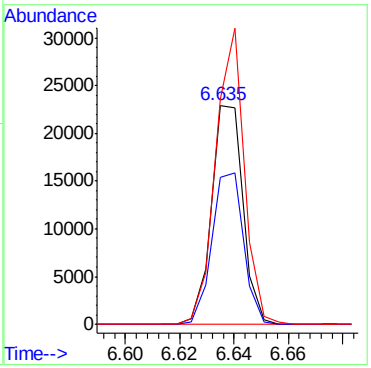


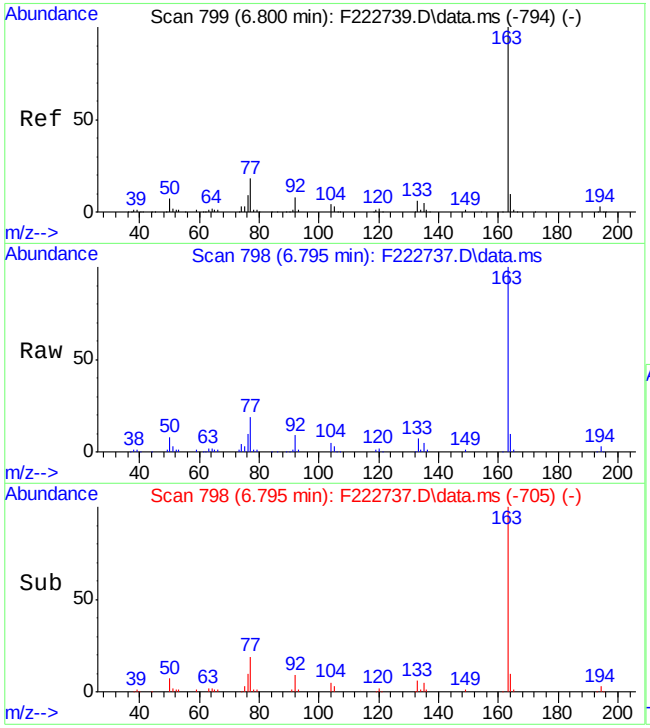


#54
2-Nitroaniline
Concen: 22.17 ppm
RT: 6.635 min Scan# 768
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 65 Resp: 18437

Ion	Ratio	Lower	Upper
65	100		
92	67.2	38.6	98.6
138	103.1	93.5	153.5

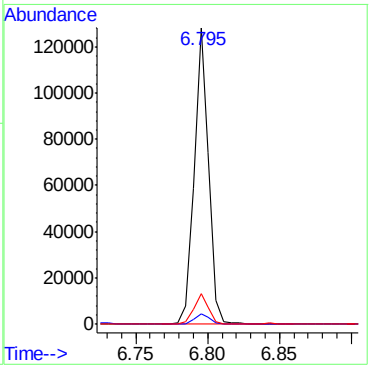


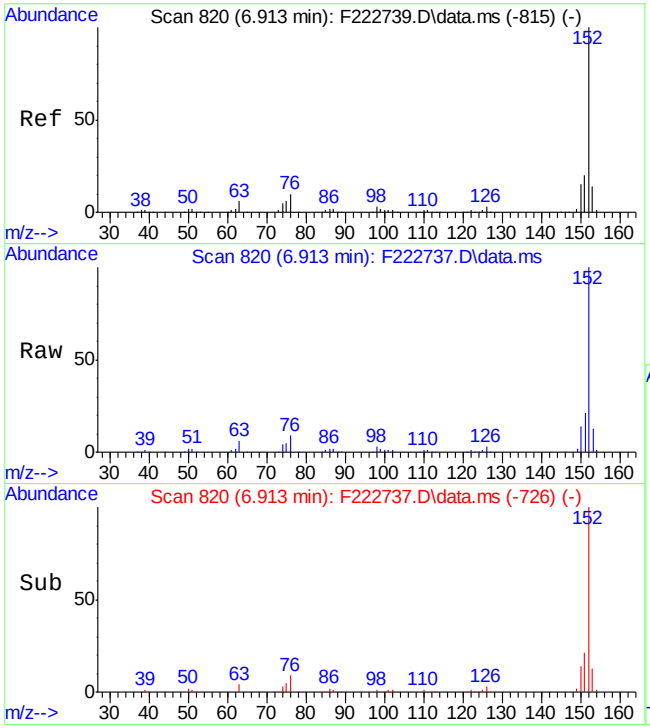


#55
Dimethylphthalate
Concen: 23.45 ppm
RT: 6.795 min Scan# 798
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:163 Resp: 90105

Ion	Ratio	Lower	Upper
163	100		
194	3.5	0.0	33.4
164	10.3	0.0	40.3

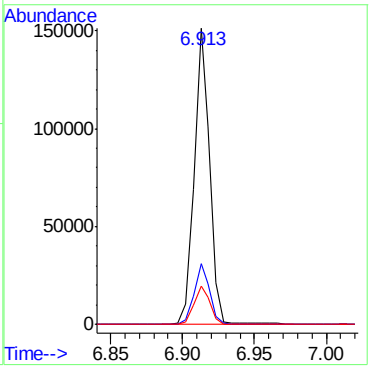


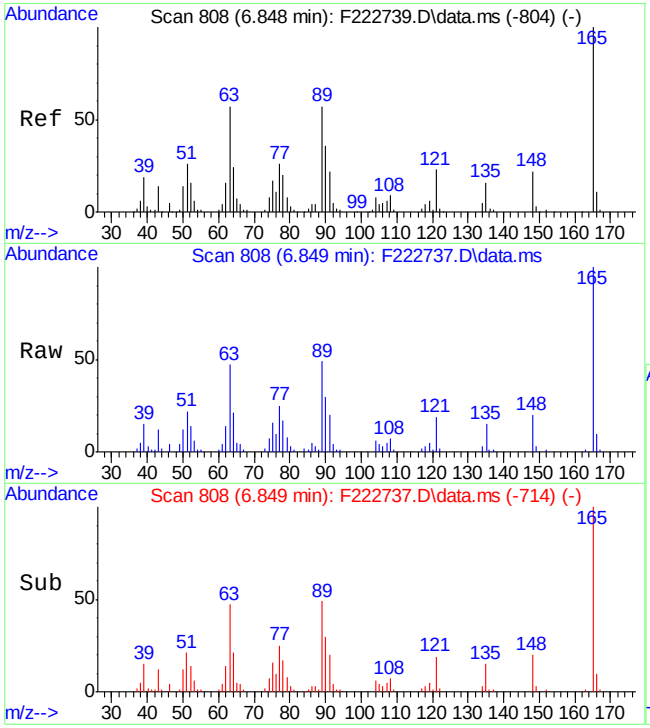


#56
Acenaphthylene
Concen: 23.31 ppm
RT: 6.913 min Scan# 820
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:152 Resp: 115041

Ion	Ratio	Lower	Upper
152	100		
151	20.6	0.0	49.9
153	12.9	0.0	43.5

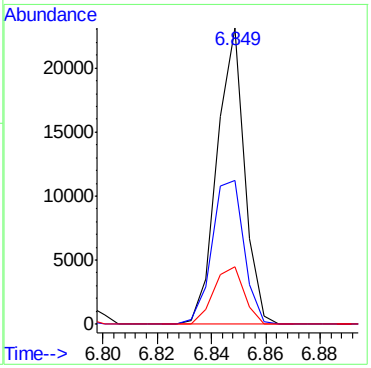


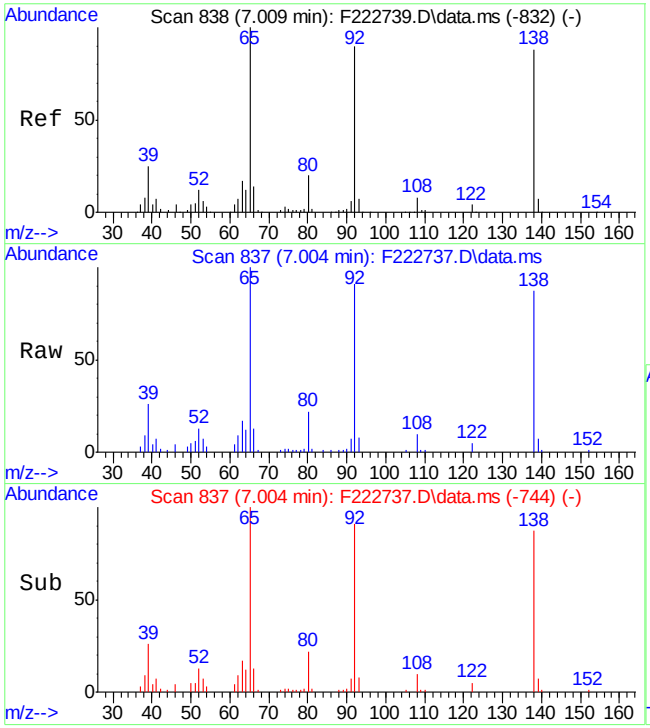


#57
2,6-Dinitrotoluene
Concen: 22.01 ppm
RT: 6.849 min Scan# 808
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:165 Resp: 16143

Ion	Ratio	Lower	Upper
165	100		
89	48.5	27.1	87.1
121	19.2	0.0	52.5

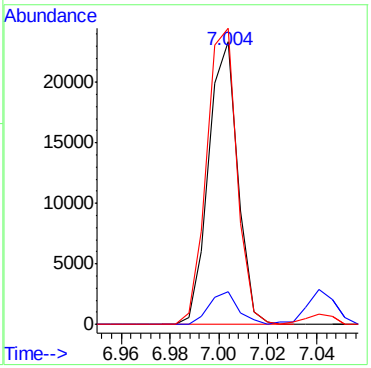


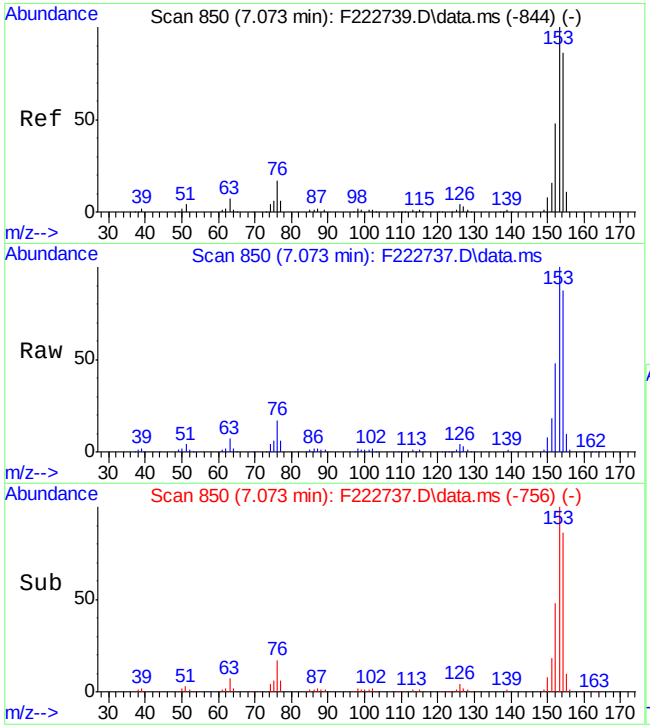


#58
3-Nitroaniline
Concen: 22.08 ppm
RT: 7.004 min Scan# 837
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:138 Resp: 19372

Ion	Ratio	Lower	Upper
138	100		
108	11.0	0.0	37.0
92	104.5	72.1	132.1

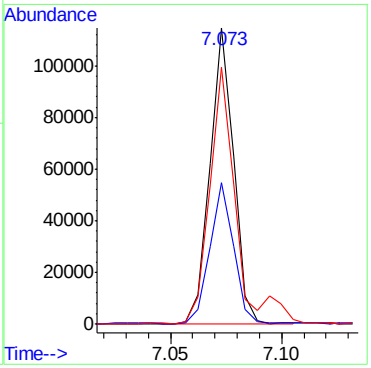


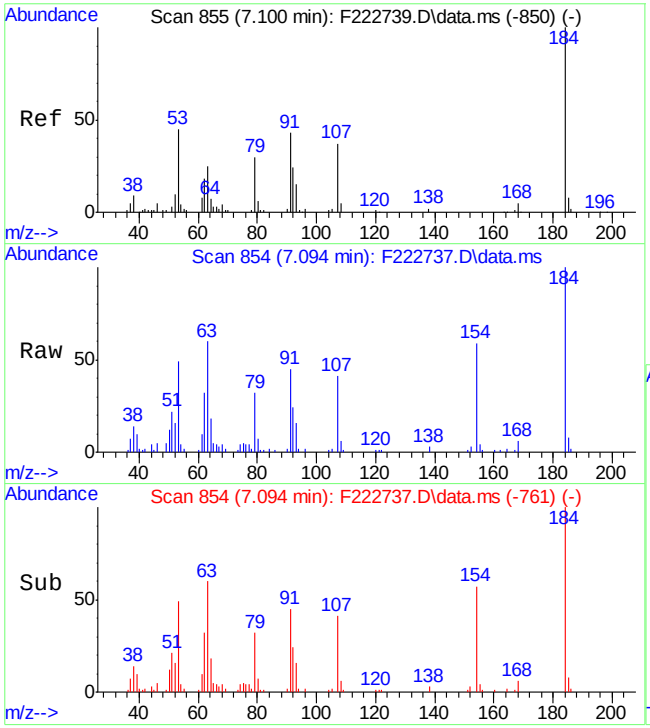


#59
Acenaphthene
Concen: 23.60 ppm
RT: 7.073 min Scan# 850
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:153 Resp: 85564

Ion	Ratio	Lower	Upper
153	100		
152	47.6	17.5	77.5
154	86.1	49.9	109.9

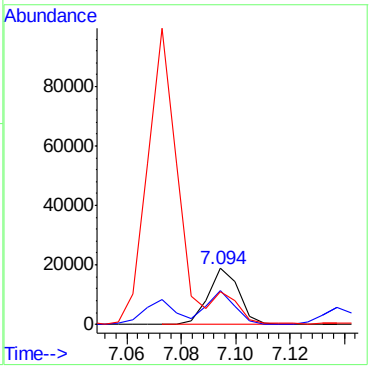


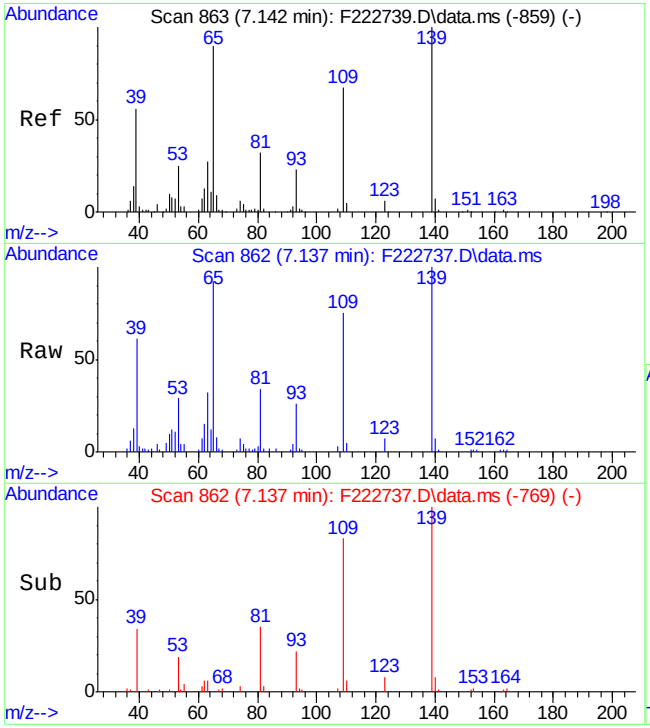


#60
2,4-Dinitrophenol
Concen: 37.05 ppm
RT: 7.094 min Scan# 854
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:184 Resp: 14572

Ion	Ratio	Lower	Upper
184	100		
63	38.6	4.1	64.1
154	0.0	0.0	30.0

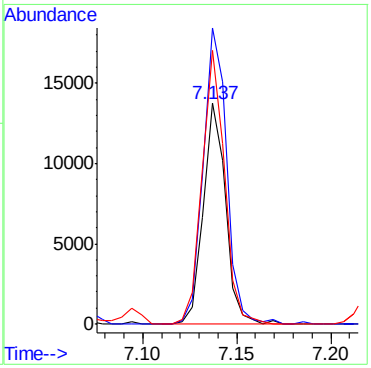


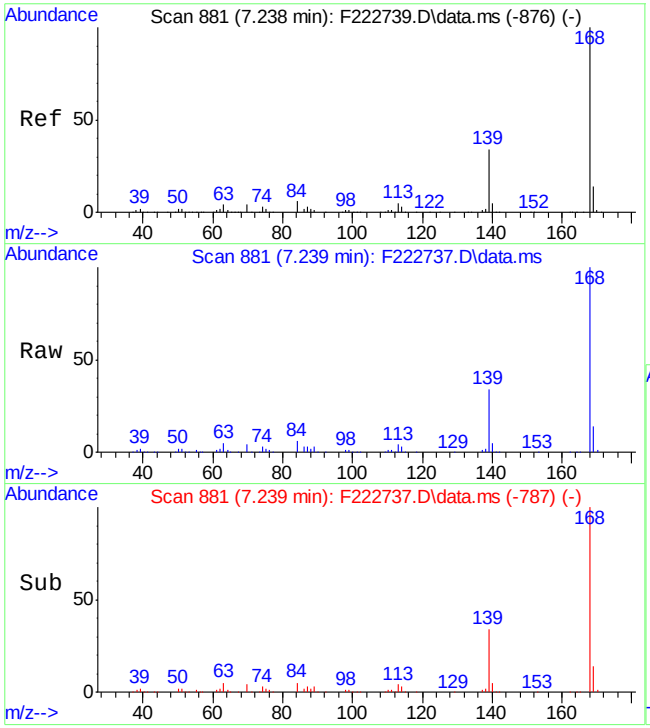


#61
4-Nitrophenol
Concen: 22.50 ppm
RT: 7.137 min Scan# 862
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:109 Resp: 11253

Ion	Ratio	Lower	Upper
109	100		
139	134.1	119.2	179.2
65	123.8	104.1	164.1

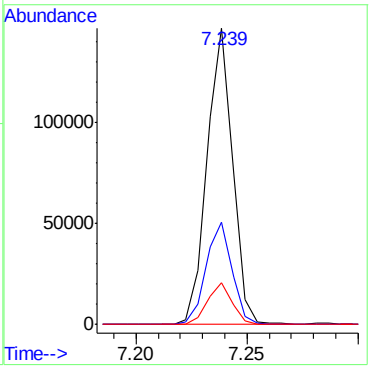


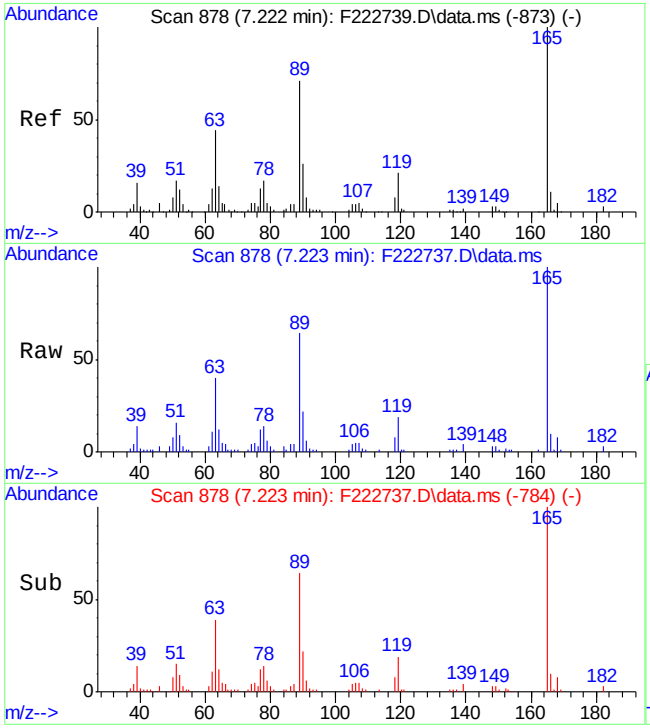


#62
Dibenzofuran
Concen: 22.90 ppm
RT: 7.239 min Scan# 881
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:168 Resp: 117856

Ion	Ratio	Lower	Upper
168	100		
139	34.3	4.3	64.3
169	14.0	0.0	43.5

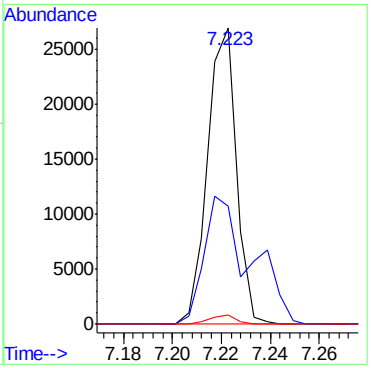


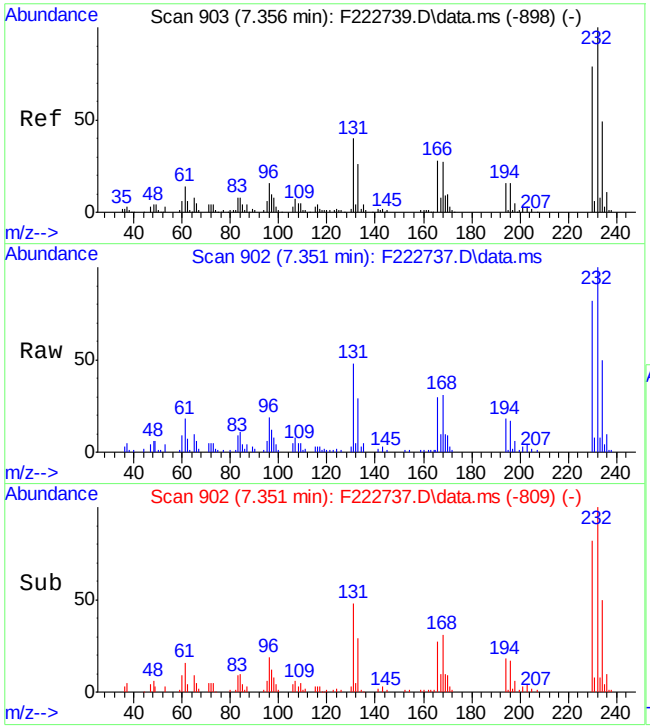


#63
2,4-Dinitrotoluene
Concen: 21.11 ppm
RT: 7.223 min Scan# 878
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:165 Resp: 22065

Ion	Ratio	Lower	Upper
165	100		
63	39.3	13.5	73.5
182	2.9	0.0	33.0

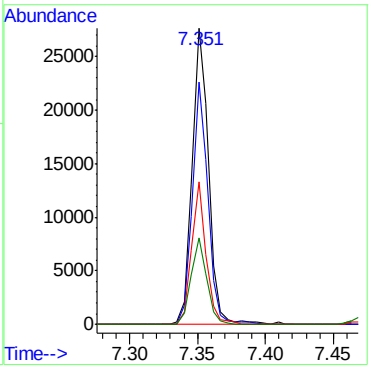


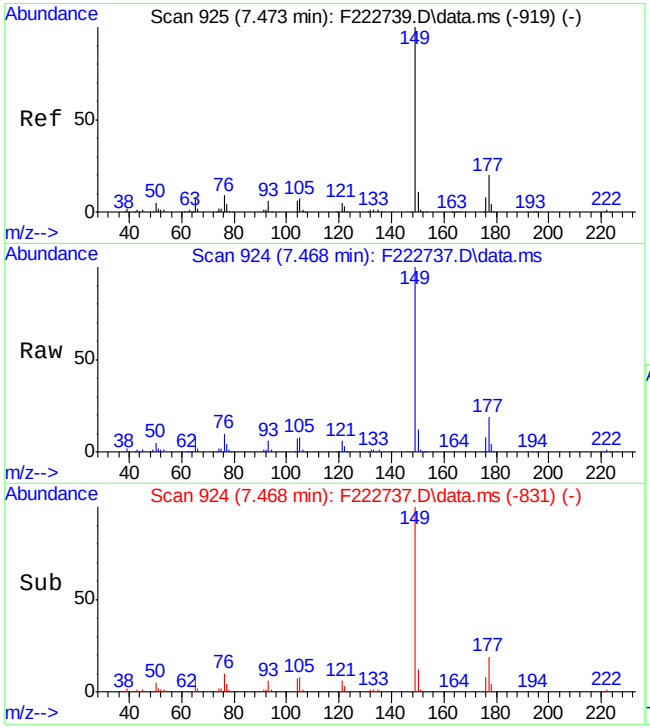


#64
2,3,4,6-Tetrachlorophenol
Concen: 22.32 ppm
RT: 7.351 min Scan# 902
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:232 Resp: 23138

Ion	Ratio	Lower	Upper
232	100		
230	81.7	49.1	109.1
131	48.1	9.6	69.6
133	29.1	0.0	55.9

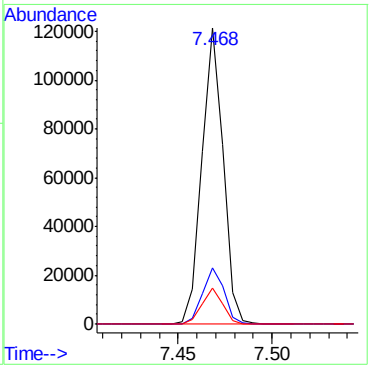


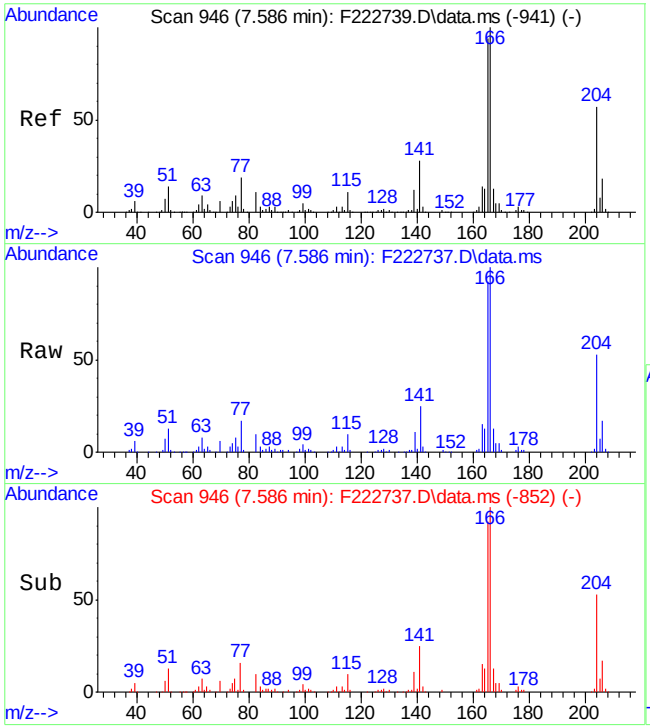


#65
Diethylphthalate
Concen: 23.42 ppm
RT: 7.468 min Scan# 924
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:149 Resp: 94764

Ion	Ratio	Lower	Upper
149	100		
177	19.1	0.0	50.0
150	12.2	0.0	41.3

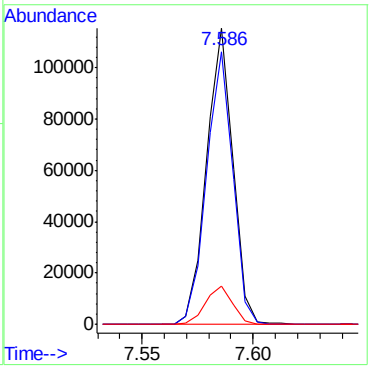


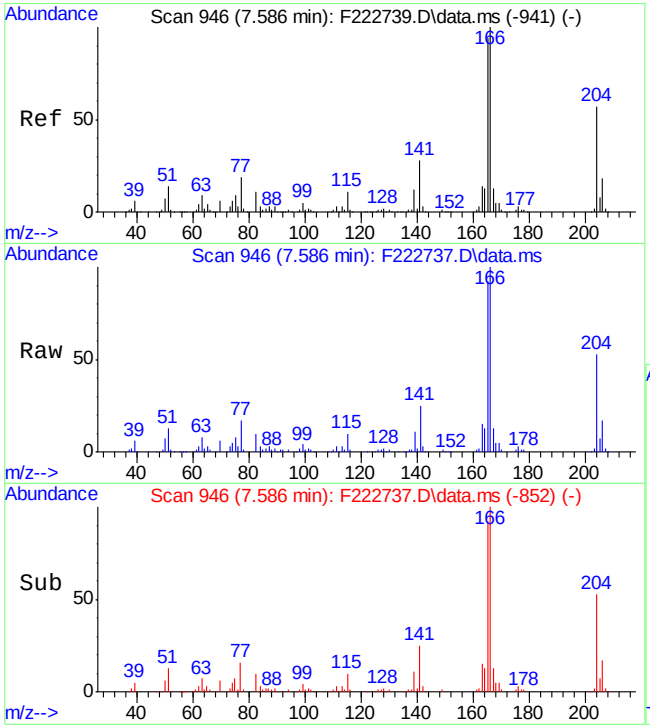


#66
Fluorene
Concen: 23.28 ppm
RT: 7.586 min Scan# 946
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:166 Resp: 95306

Ion	Ratio	Lower	Upper
166	100		
165	92.1	63.9	123.9
167	12.9	0.0	43.3

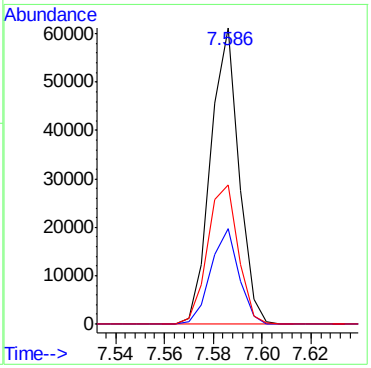


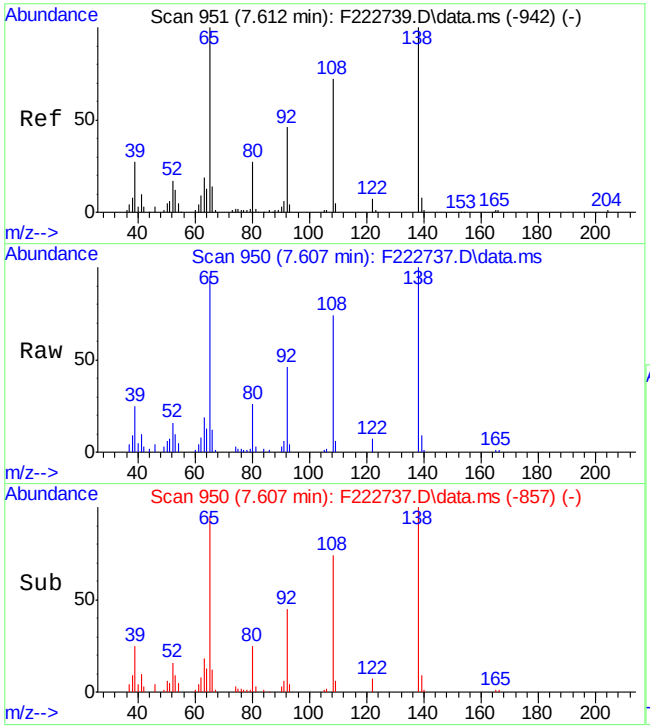


#67
4-Chlorophenyl-phenylether
Concen: 22.94 ppm
RT: 7.586 min Scan# 946
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:204 Resp: 49249

Ion	Ratio	Lower	Upper
204	100		
206	32.3	1.1	61.1
141	47.2	19.4	79.4

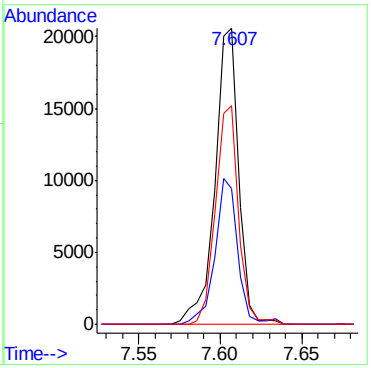


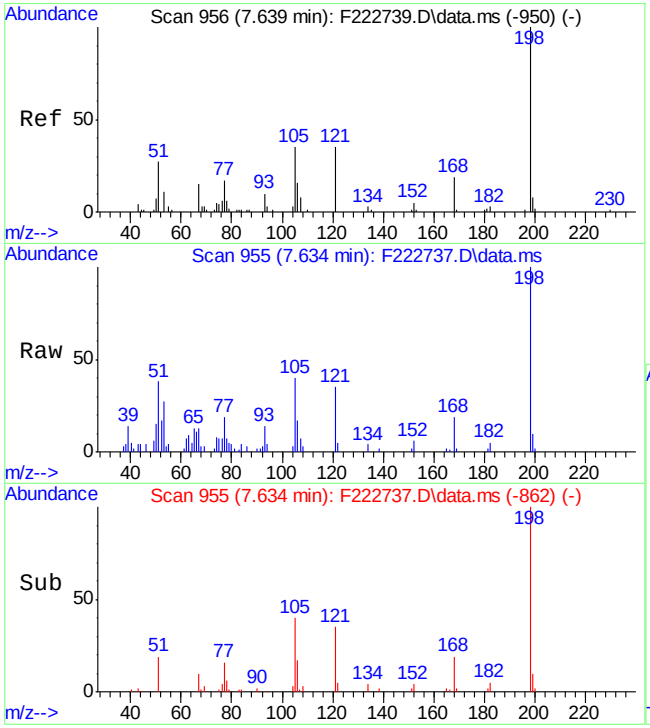


#68
4-Nitroaniline
Concen: 21.99 ppm
RT: 7.607 min Scan# 950
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:138 Resp: 21027

Ion	Ratio	Lower	Upper
138	100		
92	46.0	15.6	75.6
108	73.8	42.0	102.0

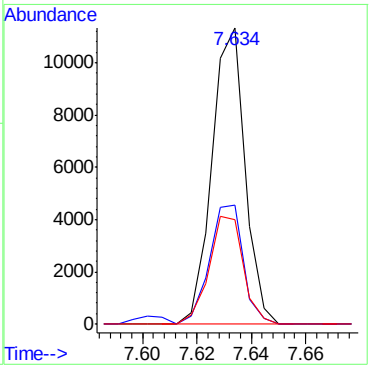


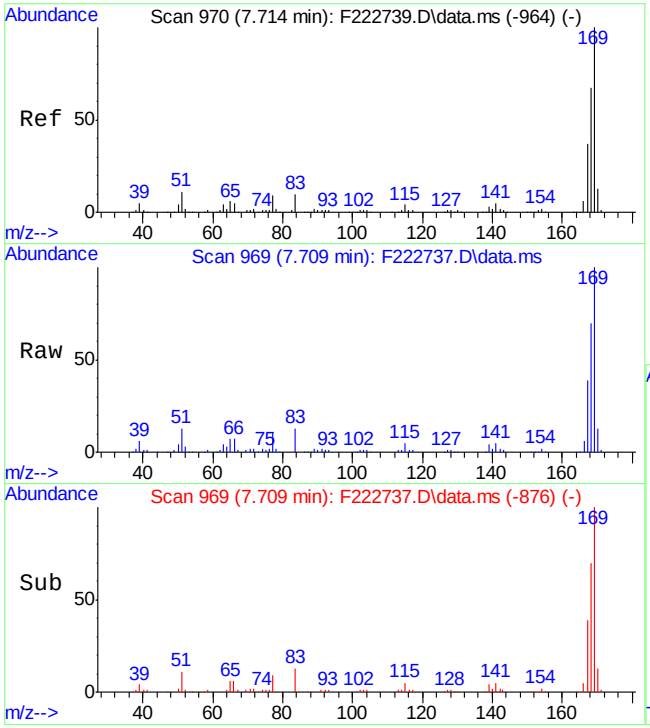


#70
4,6-Dinitro-2-methylphenol
Concen: 19.30 ppm
RT: 7.634 min Scan# 955
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:198 Resp: 9543

Ion	Ratio	Lower	Upper
198	100		
105	39.2	5.1	65.1
121	35.1	4.9	64.9

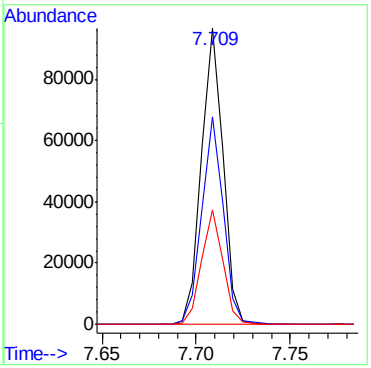


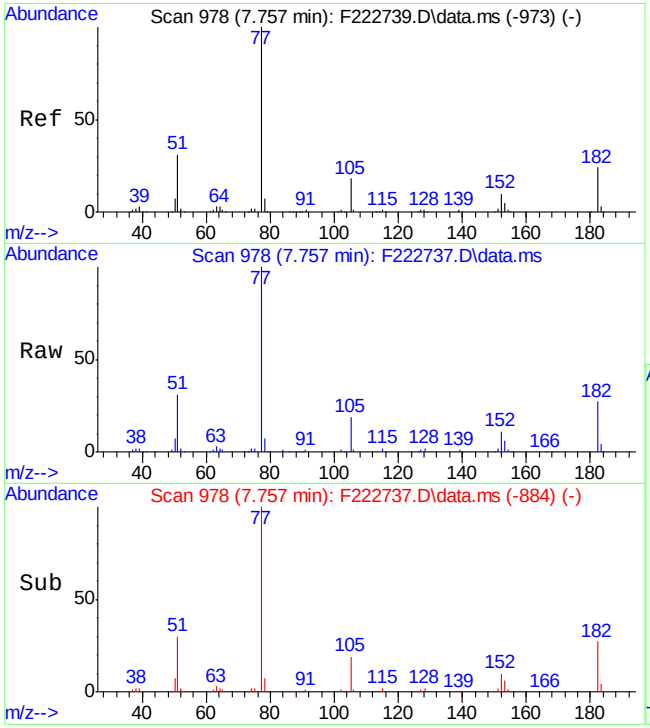


#71
n-Nitrosodiphenylamine
Concen: 22.57 ppm
RT: 7.709 min Scan# 969
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:169 Resp: 77465

Ion	Ratio	Lower	Upper
169	100		
168	69.8	36.8	96.8
167	38.7	6.9	66.9

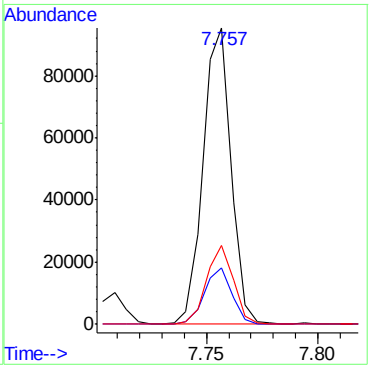


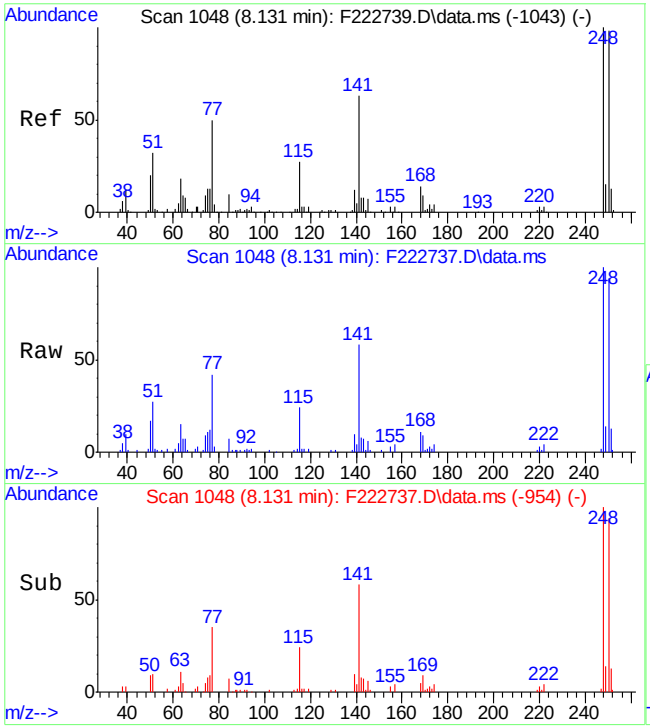


#72
1,2-Diphenylhydrazine
Concen: 23.67 ppm
RT: 7.757 min Scan# 978
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 77 Resp: 83494

Ion	Ratio	Lower	Upper
77	100		
105	18.9	0.0	48.0
182	26.7	0.0	54.0

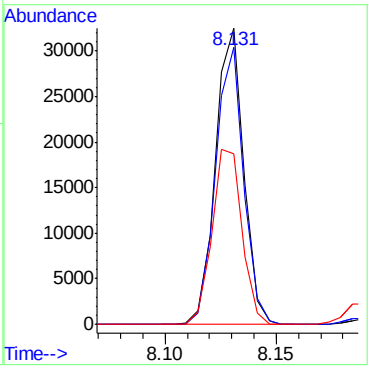


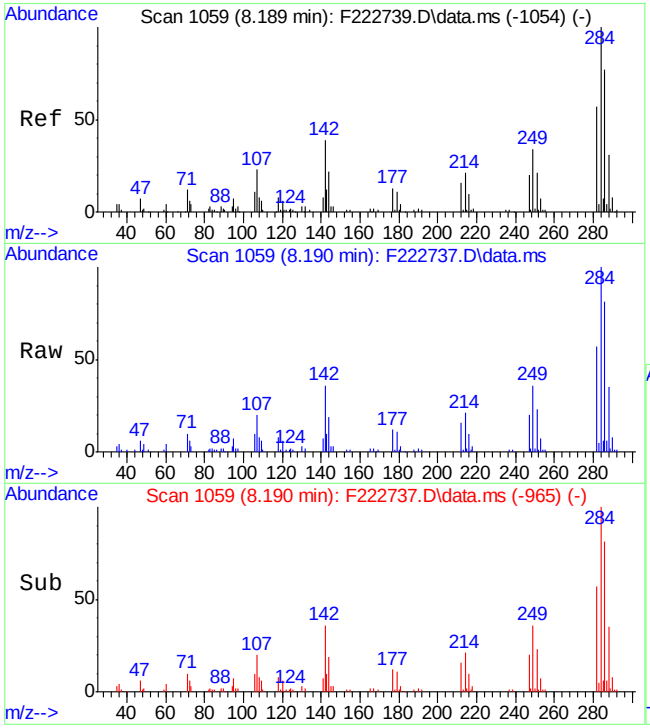


#74
4-Bromophenyl-phenylether
Concen: 23.52 ppm
RT: 8.131 min Scan# 1048
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:248 Resp: 28737

Ion	Ratio	Lower	Upper
248	100		
250	93.5	68.5	128.5
141	57.7	33.3	93.3

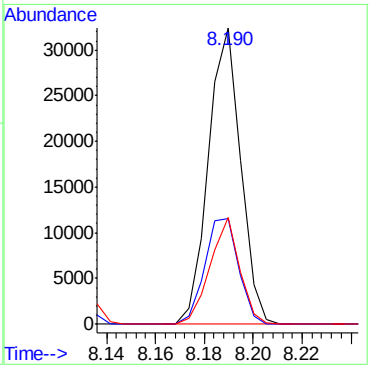


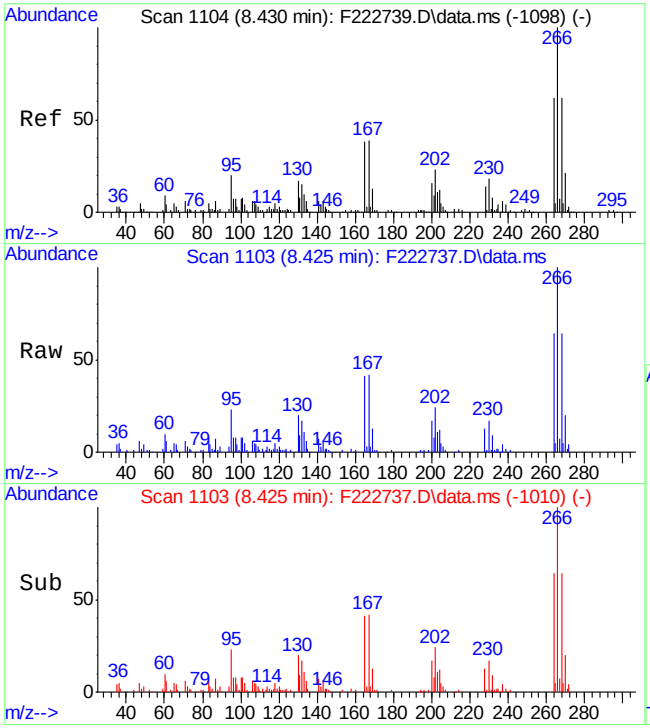


#75
Hexachlorobenzene
Concen: 22.76 ppm
RT: 8.190 min Scan# 1059
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:284 Resp: 29704

Ion	Ratio	Lower	Upper
284	100		
142	35.7	8.8	68.8
249	36.0	4.3	64.3

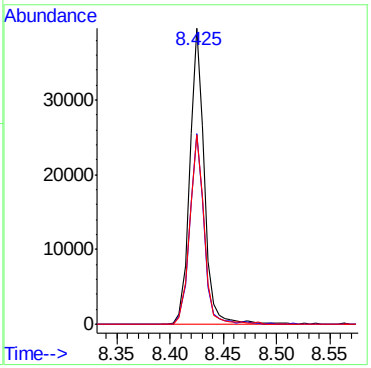


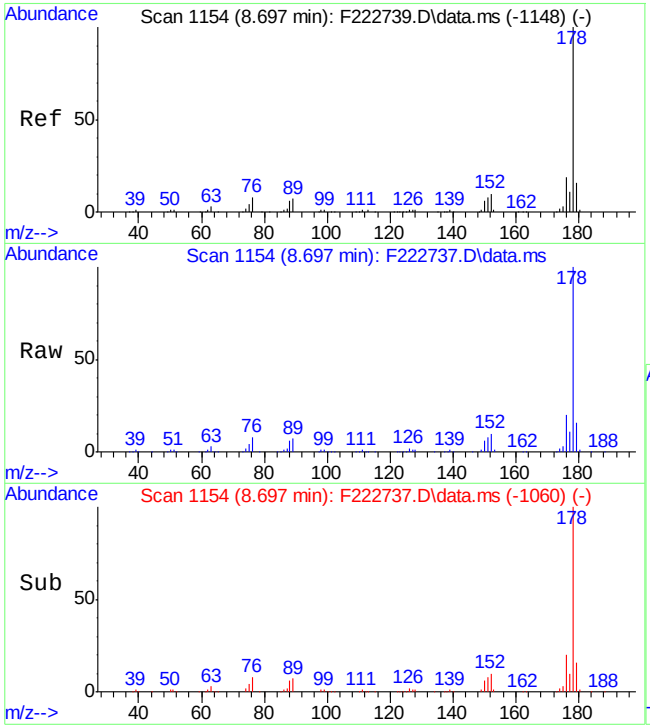


#76
Pentachlorophenol
Concen: 43.00 ppm
RT: 8.425 min Scan# 1103
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:266 Resp: 37627

Ion	Ratio	Lower	Upper
266	100		
264	64.2	31.7	91.7
268	64.0	32.1	92.1

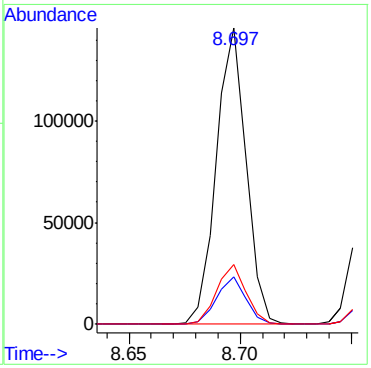


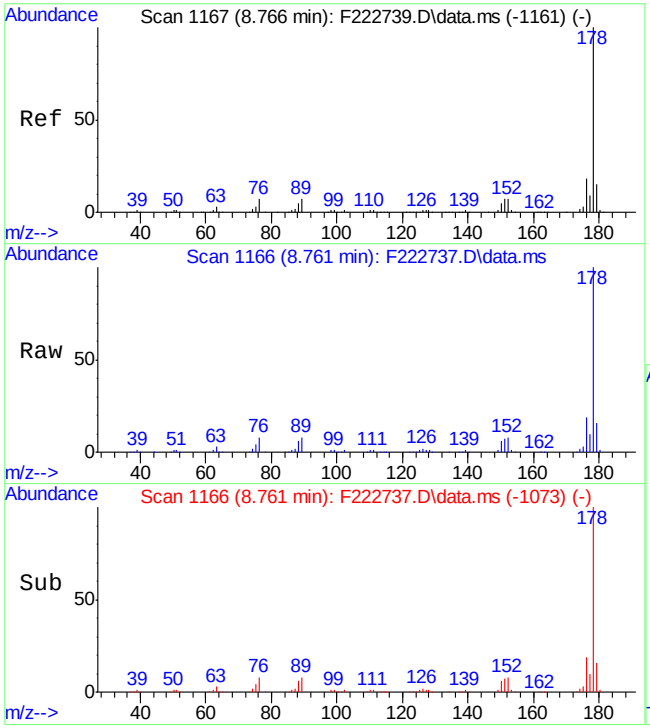


#77
Phenanthrene
Concen: 23.10 ppm
RT: 8.697 min Scan# 1154
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:178 Resp: 136573

Ion	Ratio	Lower	Upper
178	100		
179	15.8	0.0	45.6
176	20.3	0.0	49.0

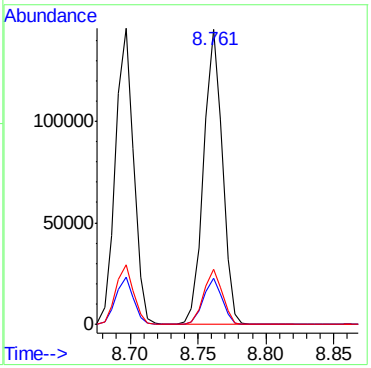


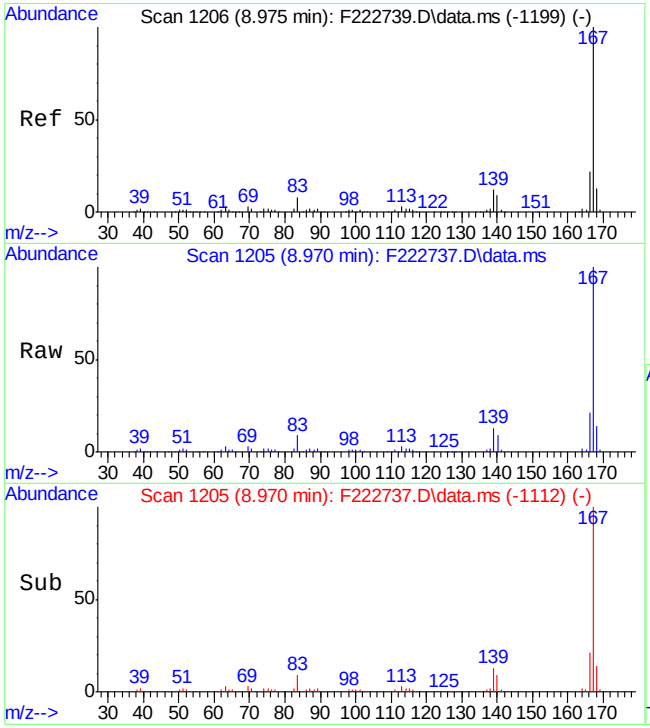


#78
Anthracene
Concen: 22.99 ppm
RT: 8.761 min Scan# 1166
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:178 Resp: 138776

Ion	Ratio	Lower	Upper
178	100		
179	15.6	0.0	45.1
176	18.6	0.0	48.4

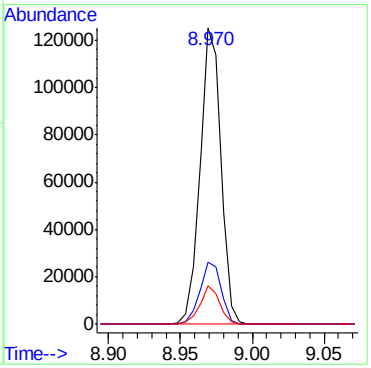


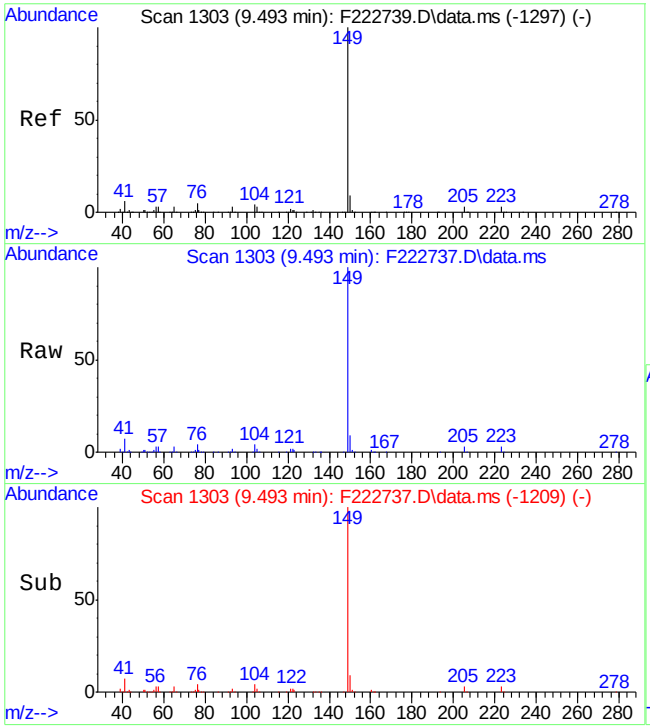


#79
Carbazole
Concen: 22.68 ppm
RT: 8.970 min Scan# 1205
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:167 Resp: 127884

Ion	Ratio	Lower	Upper
167	100		
166	21.0	0.0	51.7
139	12.8	0.0	41.9

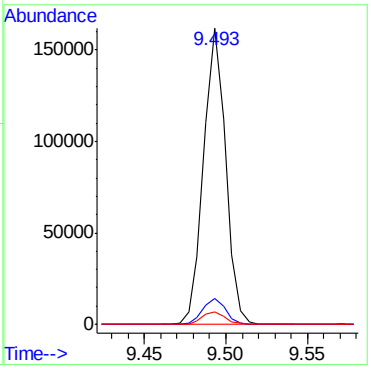


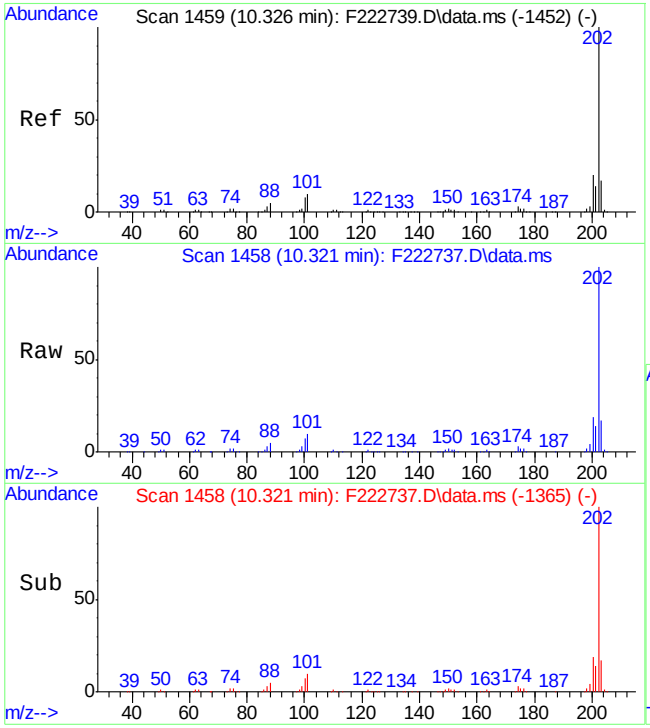


#80
Di-n-butylphthalate
Concen: 22.30 ppm
RT: 9.493 min Scan# 1303
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:149 Resp: 152860

Ion	Ratio	Lower	Upper
149	100		
150	8.7	0.0	39.1
104	4.4	0.0	34.4

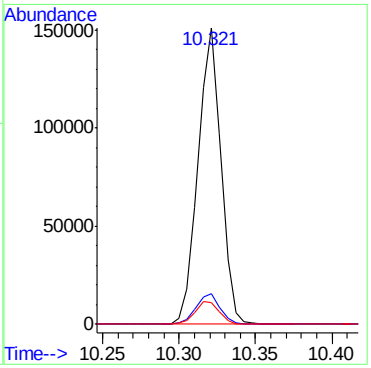


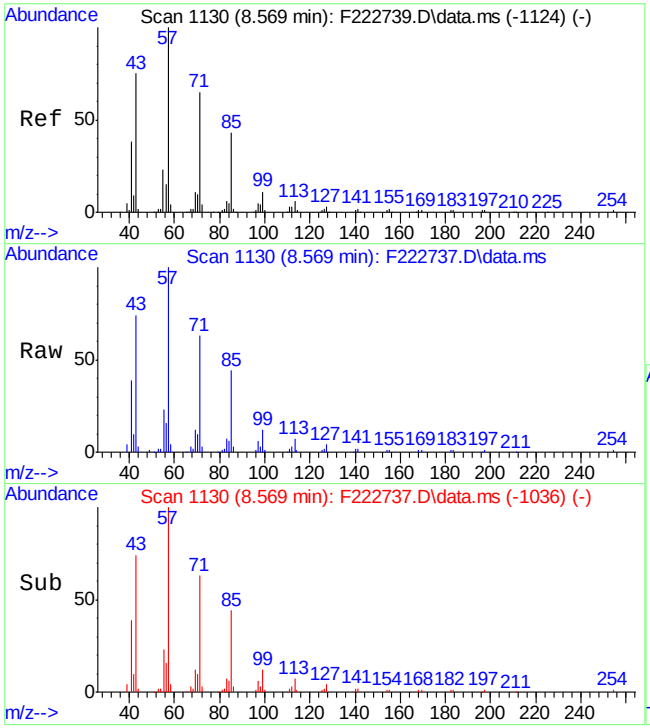


#81
Fluoranthene
Concen: 22.86 ppm
RT: 10.321 min Scan# 1458
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:202 Resp: 156864

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	39.8
100	7.4	0.0	37.7

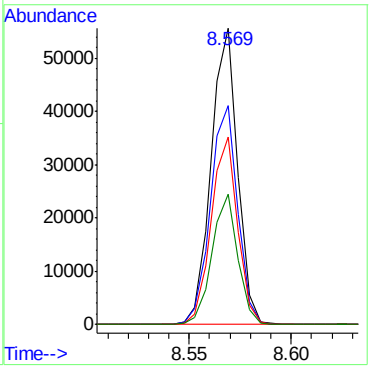


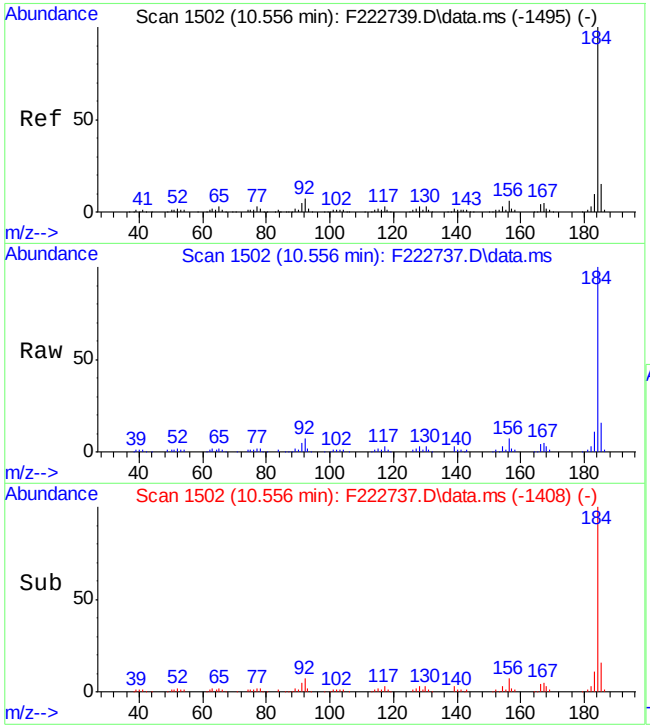


#82
Octadecane
Concen: 23.20 ppm
RT: 8.569 min Scan# 1130
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion: 57 Resp: 50116

Ion	Ratio	Lower	Upper
57	100		
43	73.7	44.5	104.5
71	63.3	35.4	95.4
85	44.0	12.7	72.7

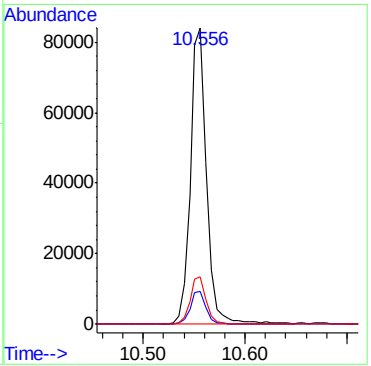


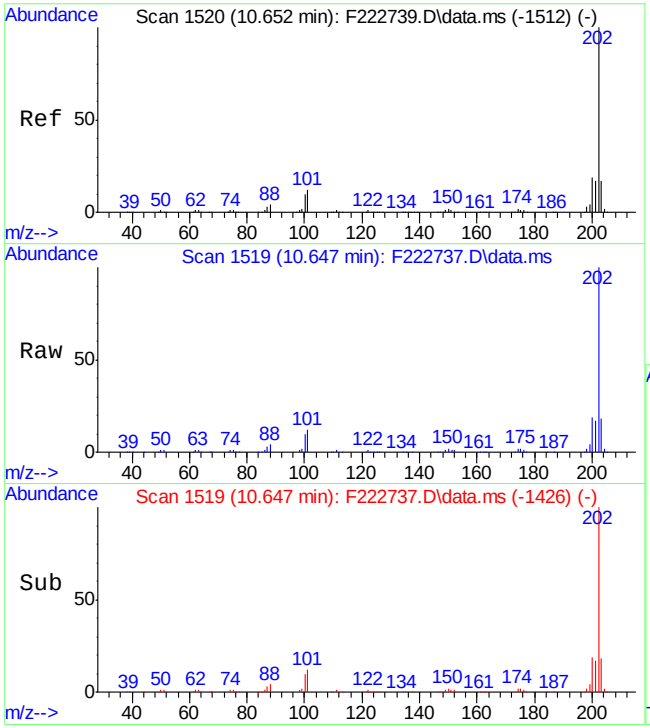


#84
Benzidine
Concen: 24.05 ppm
RT: 10.556 min Scan# 1502
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:184 Resp: 92850

Ion	Ratio	Lower	Upper
184	100		
183	10.9	0.0	60.5
185	16.0	0.0	65.2

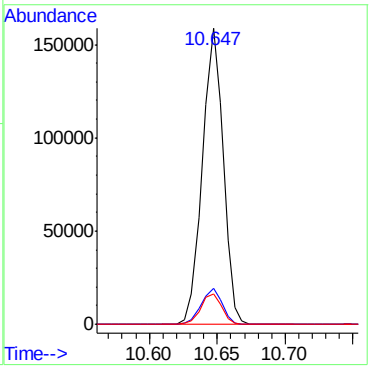


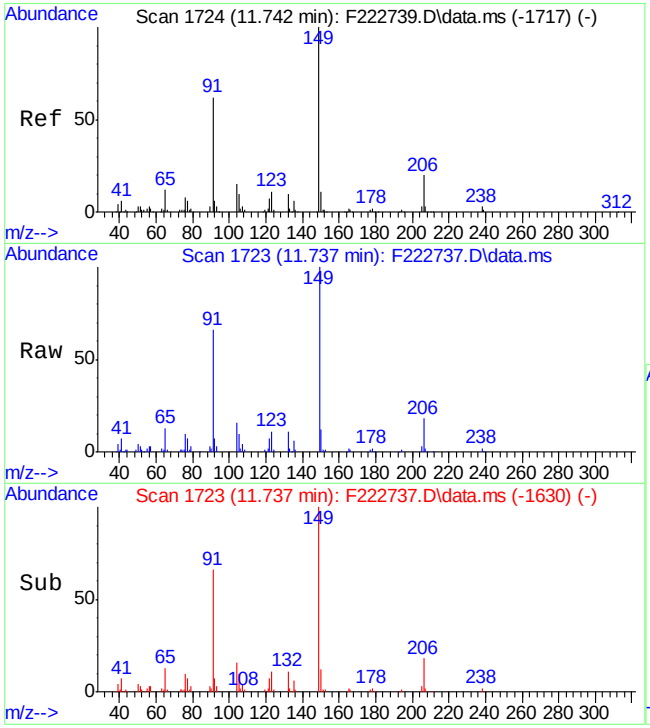


#85
Pyrene
Concen: 23.37 ppm
RT: 10.647 min Scan# 1519
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:202 Resp: 169896

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	41.9
100	10.3	0.0	39.8

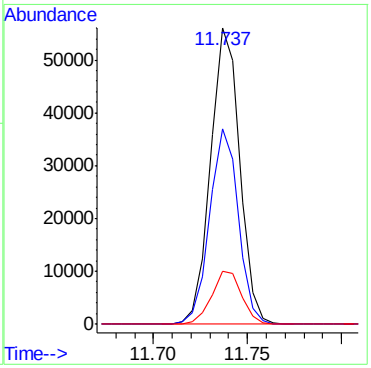


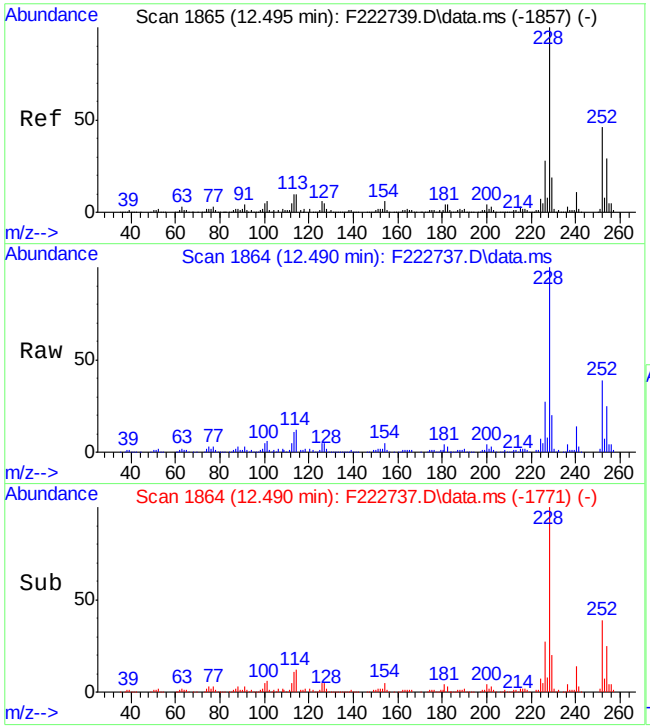


#87
Butylbenzylphthalate
Concen: 21.75 ppm
RT: 11.737 min Scan# 1723
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:149 Resp: 60019

Ion	Ratio	Lower	Upper
149	100		
91	66.0	31.6	91.6
206	18.0	0.0	49.8

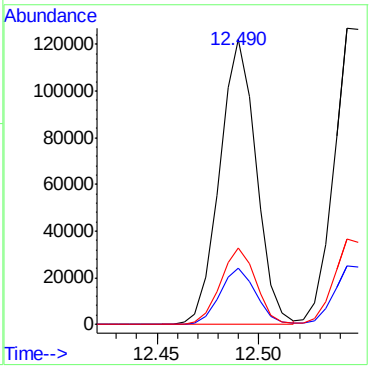


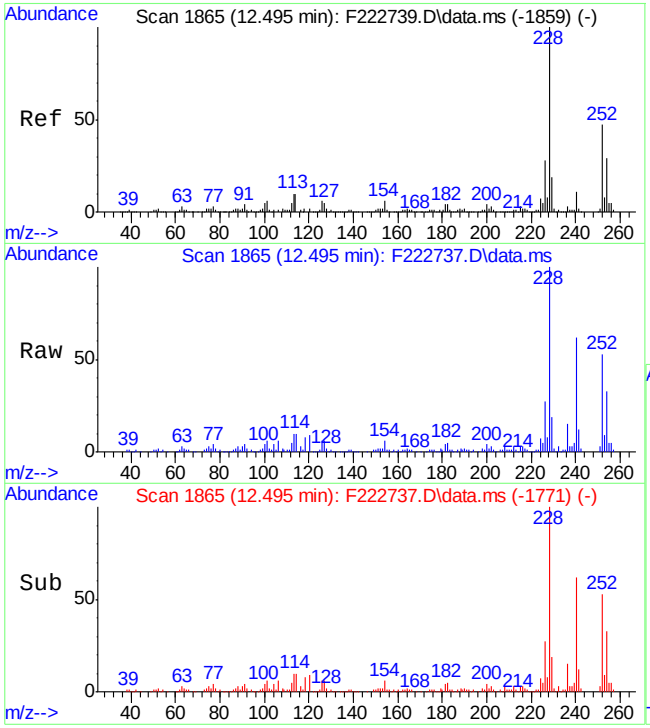


#88
Benzo[a]anthracene
Concen: 22.46 ppm
RT: 12.490 min Scan# 1864
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:228 Resp: 152035

Ion	Ratio	Lower	Upper
228	100		
229	19.6	0.0	49.1
226	26.8	0.0	57.6

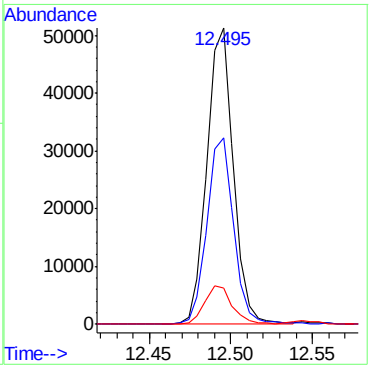




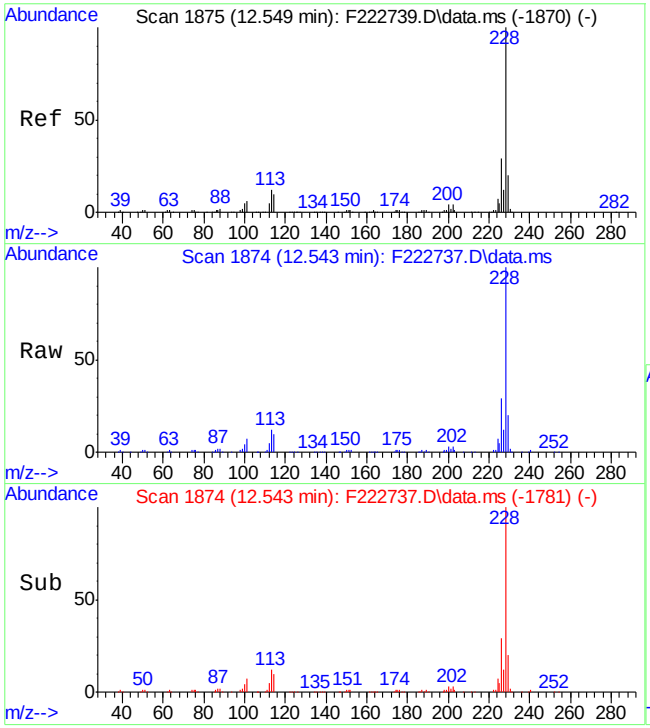
#89
3,3'-Dichlorobenzidine
Concen: 21.45 ppm
RT: 12.495 min Scan# 1865
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:252 Resp: 58097

Ion	Ratio	Lower	Upper
252	100		
254	63.0	32.3	92.3
126	11.9	0.0	42.5



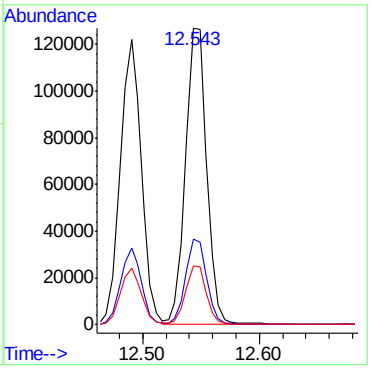
7.6.26
7

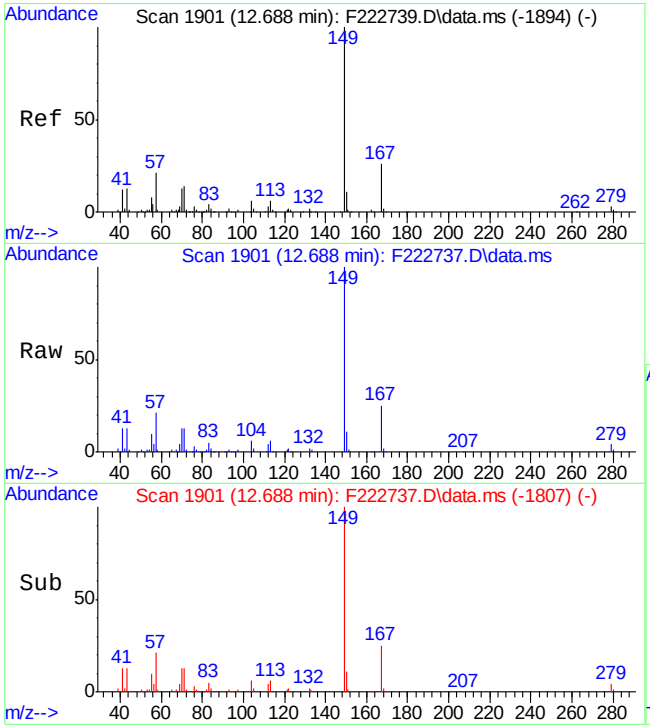


#90
Chrysene
Concen: 23.16 ppm
RT: 12.543 min Scan# 1874
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:228 Resp: 158864

Ion	Ratio	Lower	Upper
228	100		
226	28.8	0.0	58.9
229	19.5	0.0	49.6

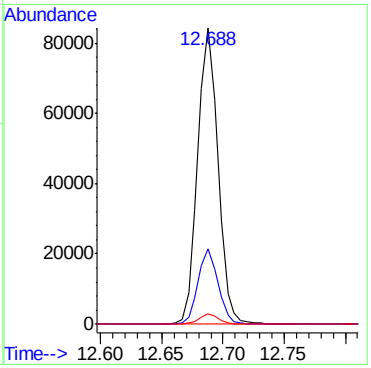


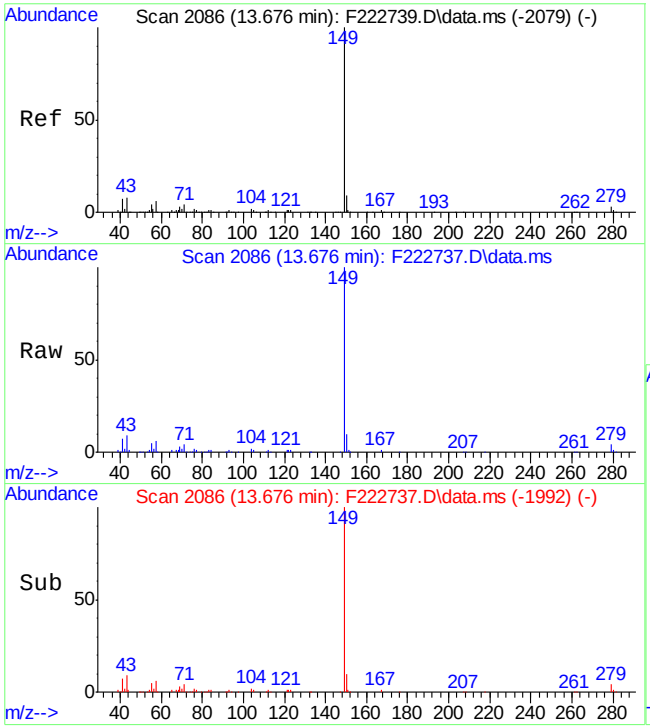


#91
bis(2-Ethylhexyl)phthalate
Concen: 21.92 ppm
RT: 12.688 min Scan# 1901
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:149 Resp: 96733

Ion	Ratio	Lower	Upper
149	100		
167	25.2	0.0	55.6
279	3.5	0.0	33.2

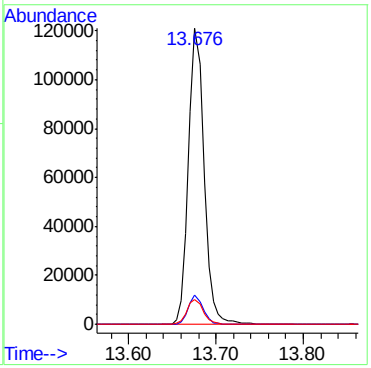


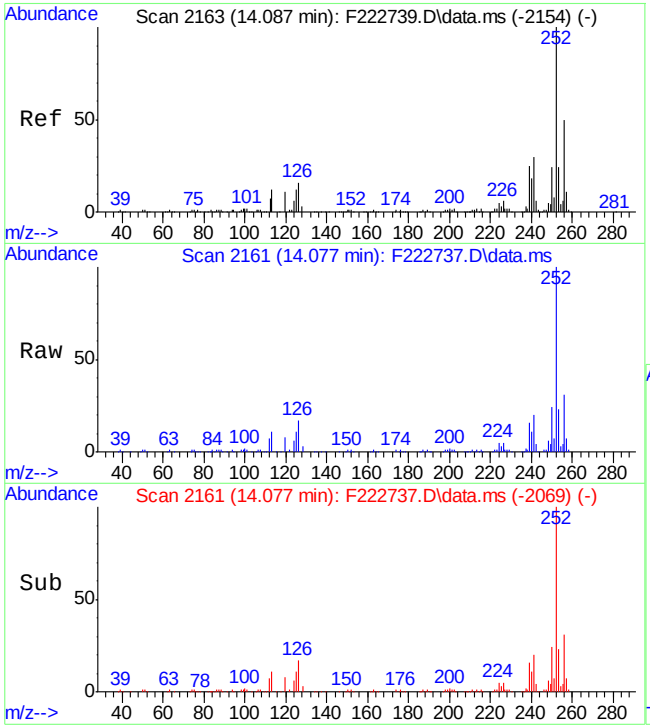


#93
Di-n-octylphthalate
Concen: 20.87 ppm
RT: 13.676 min Scan# 2086
Delta R.T. 0.000 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:149 Resp: 149639

Ion	Ratio	Lower	Upper
149	100		
150	9.8	0.0	39.4
43	8.5	0.0	38.5

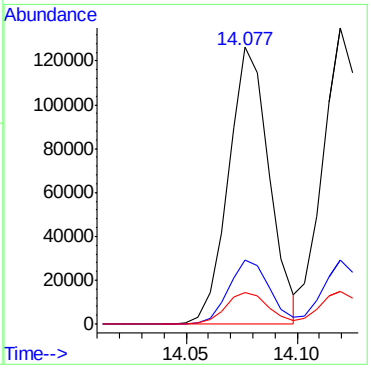


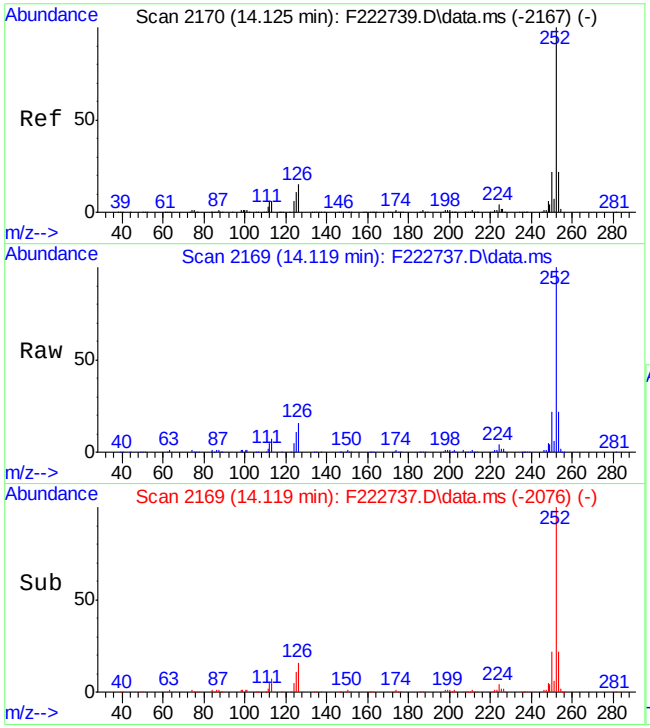


#94
Benzo[b]fluoranthene
Concen: 21.96 ppm
RT: 14.077 min Scan# 2161
Delta R.T. -0.011 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:252 Resp: 160256

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	53.7
125	11.5	0.0	42.3

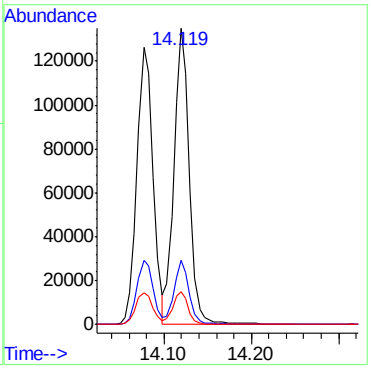


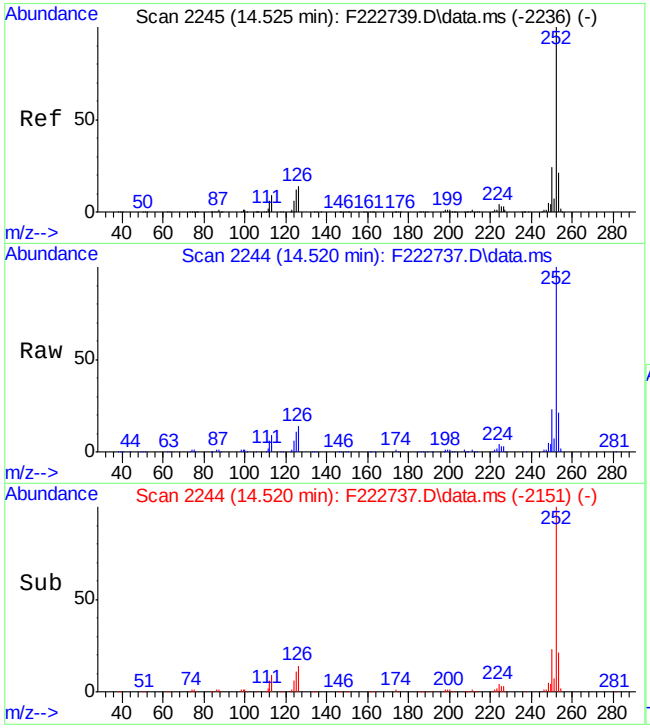


#95
Benzo[k]fluoranthene
Concen: 23.46 ppm
RT: 14.119 min Scan# 2169
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:252 Resp: 166557

Ion	Ratio	Lower	Upper
252	100		
253	21.7	0.0	52.2
125	11.0	0.0	41.3

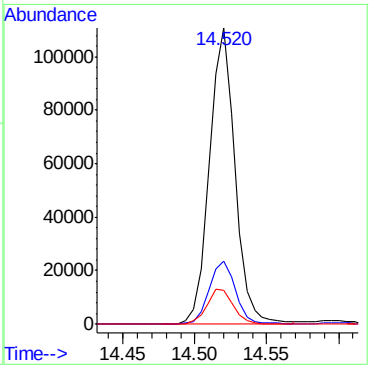


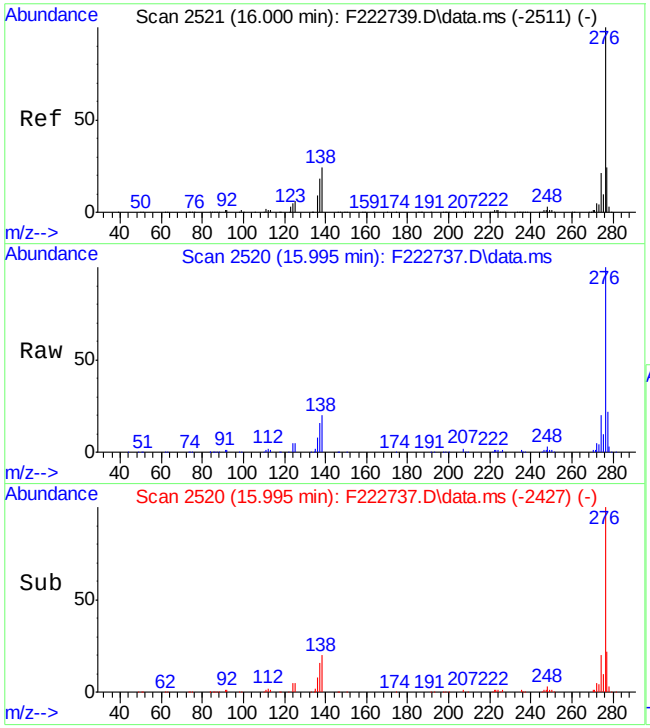


#96
Benzo[a]pyrene
Concen: 22.41 ppm
RT: 14.520 min Scan# 2244
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:252 Resp: 135581

Ion	Ratio	Lower	Upper
252	100		
253	21.1	0.0	50.6
125	11.5	0.0	41.7

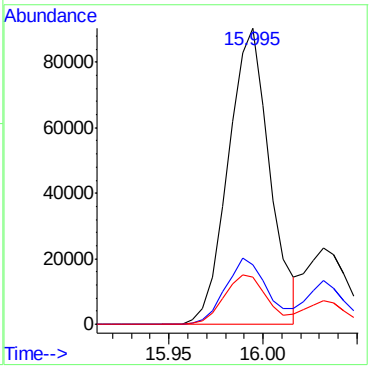


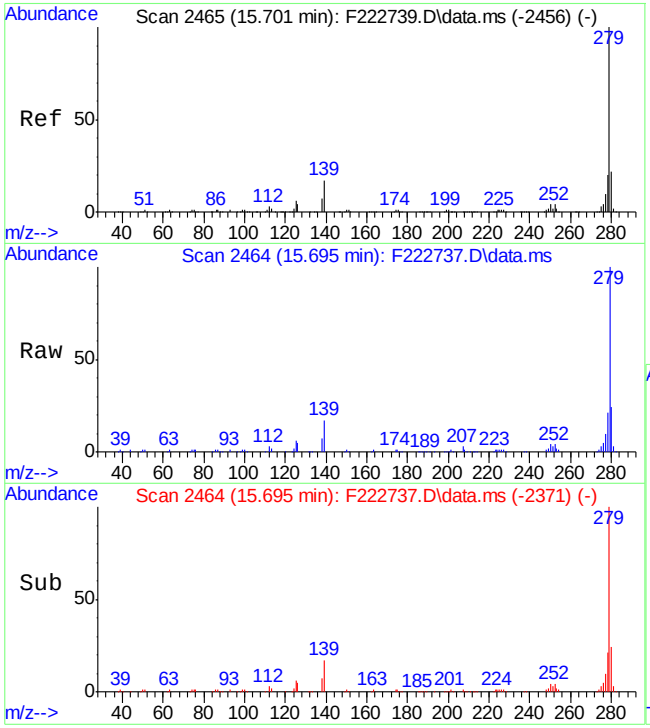


#97
Indeno[1,2,3-cd]pyrene
Concen: 21.61 ppm
RT: 15.995 min Scan# 2520
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:276 Resp: 138113

Ion	Ratio	Lower	Upper
276	100		
138	19.0	0.0	52.1
137	15.4	0.0	46.5

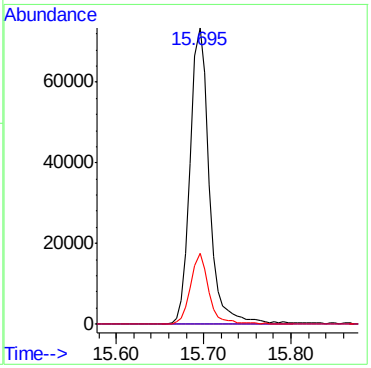


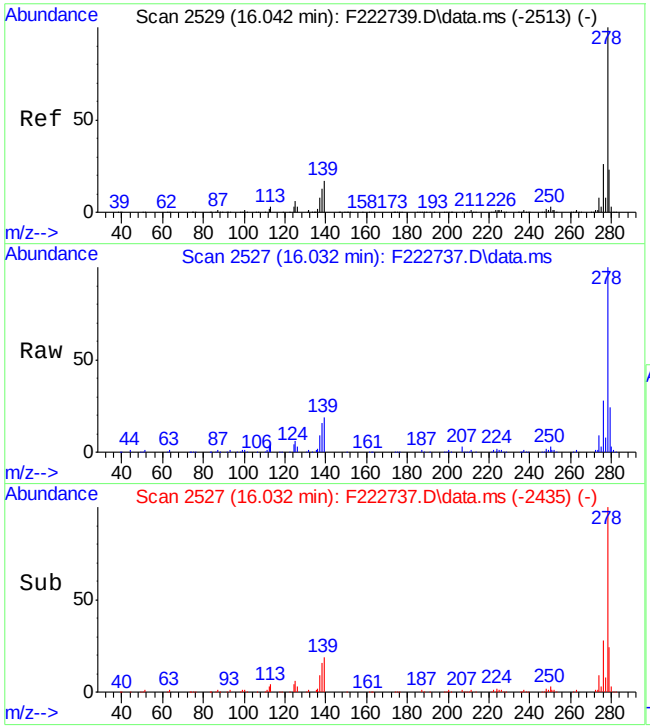


#98
Dibenz(a,h)acridine
Concen: 21.61 ppm
RT: 15.695 min Scan# 2464
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:279 Resp: 111492

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	24.0	0.0	52.3

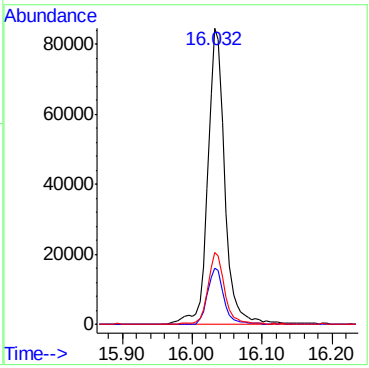


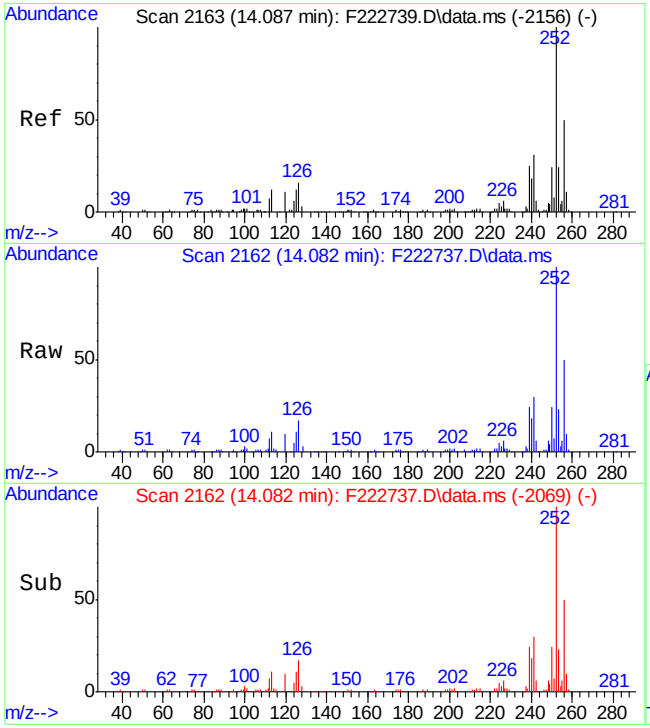


#99
Dibenz[a,h]anthracene
Concen: 22.23 ppm
RT: 16.032 min Scan# 2527
Delta R.T. -0.011 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:278 Resp: 142368

Ion	Ratio	Lower	Upper
278	100		
139	19.1	0.0	47.4
279	24.2	0.0	53.3

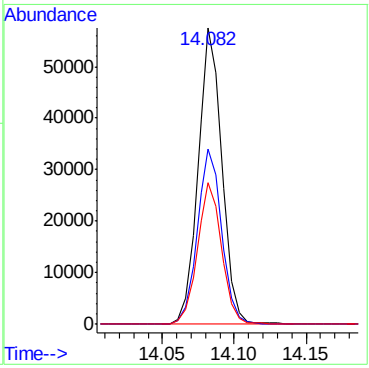


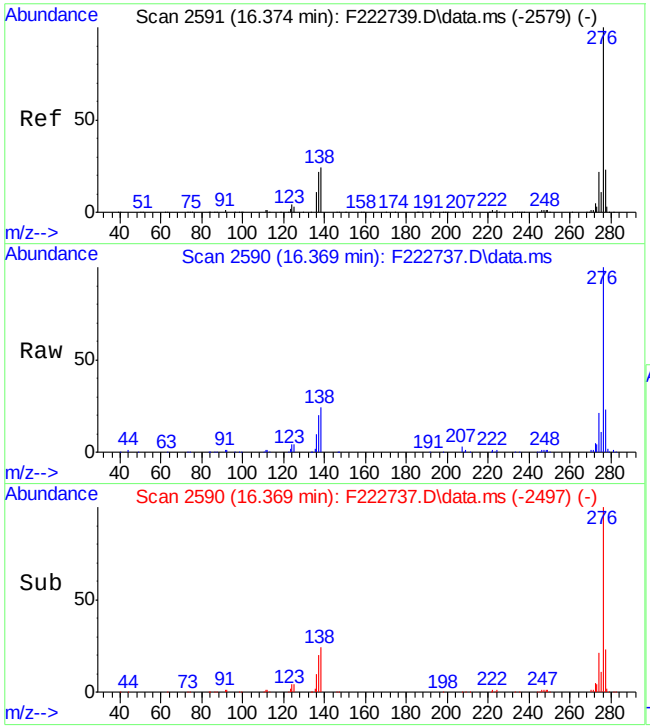


#100
7,12-Dimethylbenz(a)anthracene
Concen: 22.15 ppm
RT: 14.082 min Scan# 2162
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:256 Resp: 66519

Ion	Ratio	Lower	Upper
256	100		
241	59.3	31.1	91.1
239	47.6	19.1	79.1

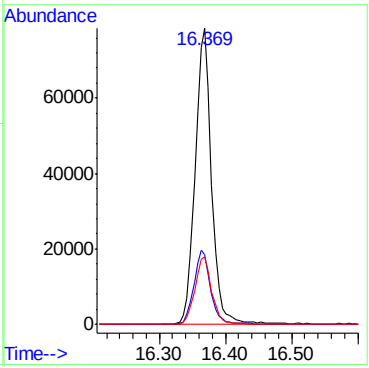




#101
Benzo[g,h,i]perylene
Concen: 22.22 ppm
RT: 16.369 min Scan# 2590
Delta R.T. -0.005 min
Lab File: F222737.D
Acq: 7 Nov 2024 10:33 am

Tgt Ion:276 Resp: 135166

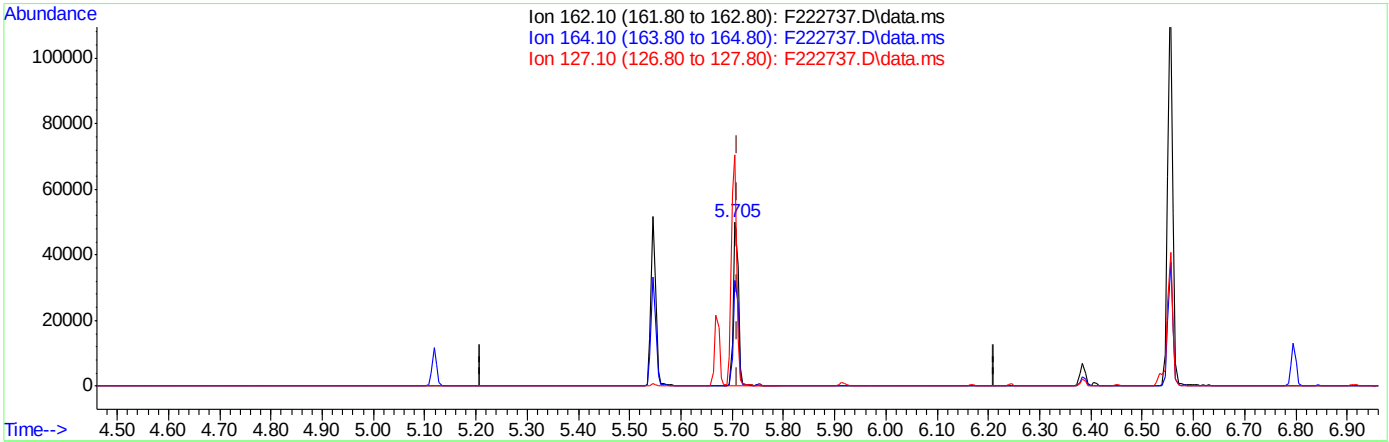
Ion	Ratio	Lower	Upper
276	100		
138	23.6	0.0	54.3
277	22.6	0.0	53.1

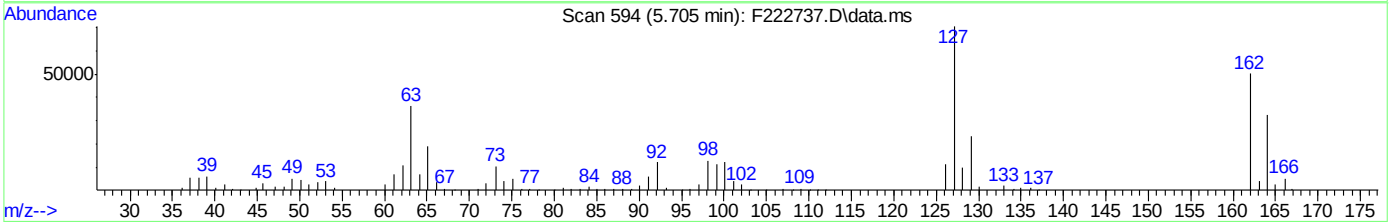


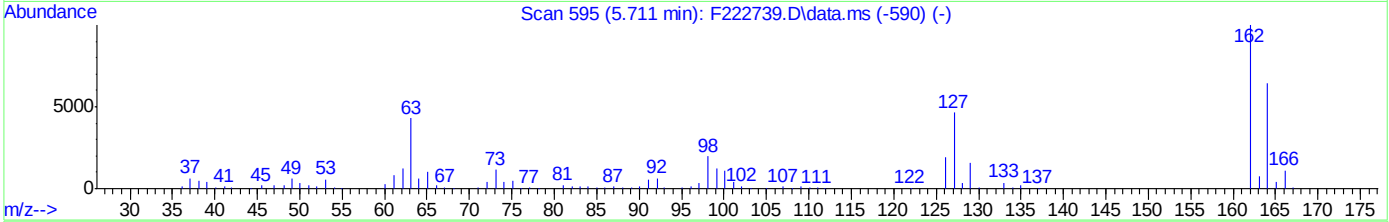
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222737.D
Acq On : 7 Nov 2024 10:33 am
Operator : jackleey
Sample : ic9899-25
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 08 09:10:16 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222737.D\data.ms

(52) 2-Chloronaphthalene (t)

5.705min (-0.005) 22.78ppm

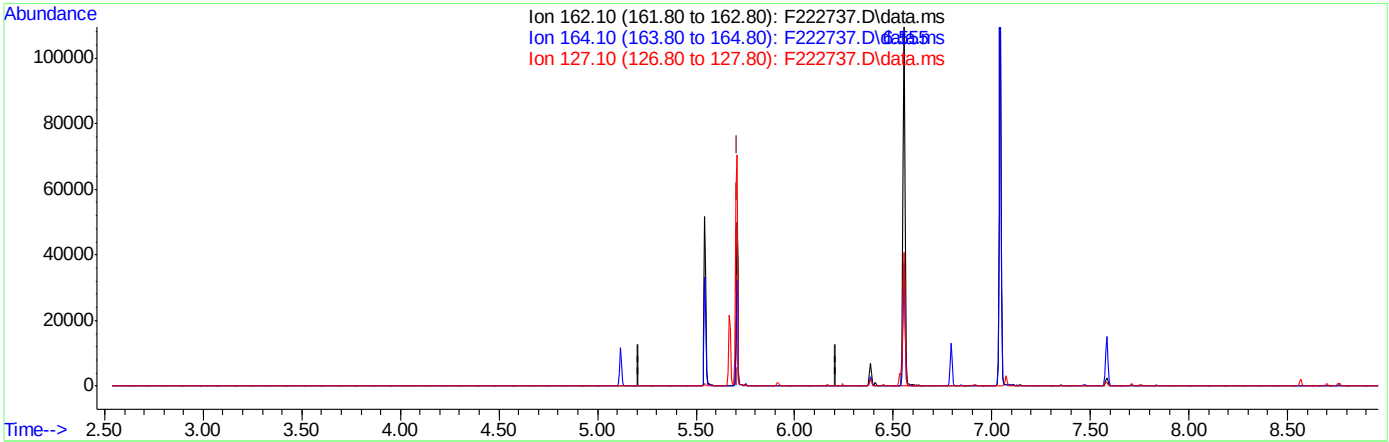
response 35291

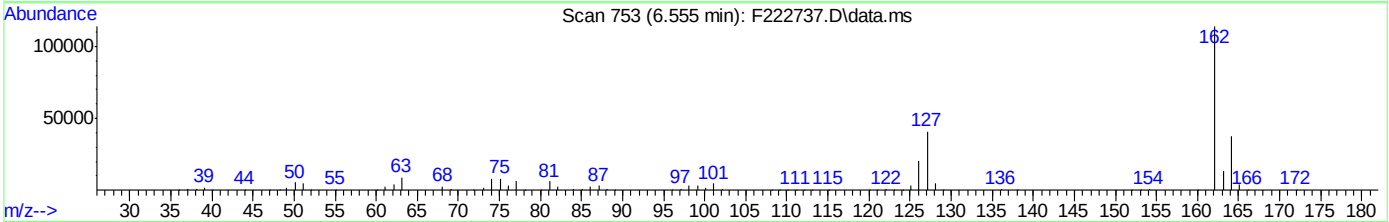
Ion	Exp%	Act%
162.10	100	100
164.10	64.30	64.41
127.10	46.90	140.21#
0.00	0.00	0.00

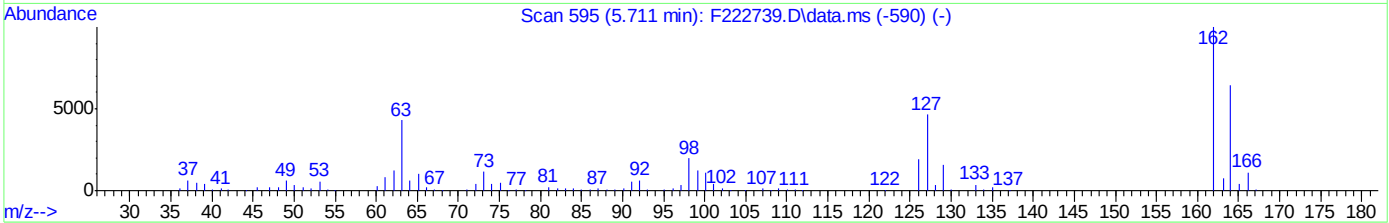
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222737.D
Acq On : 7 Nov 2024 10:33 am
Operator : jackleey
Sample : ic9899-25
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 08 09:10:16 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222737.D\data.ms

(52) 2-Chloronaphthalene (t)

6.555min (+0.844) 52.61ppm m

response 81508

Ion	Exp%	Act%
162.10	100	100
164.10	64.30	33.13#
127.10	46.90	35.84
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222739.D
Acq On : 7 Nov 2024 10:56 am
Operator : jackleey
Sample : icc9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 10:42:28 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:48:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.765	152	51226	40.00	ppm	0.00
24) Naphthalene-d8	5.657	136	196878	40.00	ppm	0.00
46) Acenaphthene-d10	7.041	164	106090	40.00	ppm	0.00
69) Phenanthrene-d10	8.670	188	207792	40.00	ppm	0.00
83) Chrysene-d12	12.511	240	202954	40.00	ppm	0.00
92) Perylene-d12	14.600	264	214191	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.765	152	51226	40.00	ppm	0.00
112) Naphthalene-d8A	5.657	136	196878	40.00	ppm	0.00
121) Acenaphthene-d10A	7.041	164	106090	40.00	ppm	0.00
132) Phenanthrene-d10A	8.670	188	207792	40.00	ppm	0.00
147) Chrysene-d12A	12.511	240	202954	40.00	ppm	0.00
154) Perylene-d12A	14.600	264	214191	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.765	152	51226	40.00	ppm	0.00
159) Phenanthrene-d10b	8.670	188	207792	40.00	ppm	0.00
161) Naphthalene-d8b	5.657	136	196878	40.00	ppm	0.00
163) Naphthalene-d8c	5.657	136	196878	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.765	152	51226	40.00	ppm	0.00
169) Chrysene-d12c	12.511	240	202954	40.00	ppm	0.00
171) Chrysene-d12d	12.511	240	202954	40.00	ppm	0.00
173) Naphthalene-d8d	5.657	136	196878	40.00	ppm	0.00
175) Chrysene-d12e	12.511	240	202954	40.00	ppm	0.00
177) Perylene-d12b	14.600	264	214191	40.00	ppm	0.00
179) Naphthalene-d8e	5.657	136	196878	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.851	112	72087	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
8) Phenol-d5	4.493	99	84896	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
25) Nitrobenzene-d5	5.150	82	75035	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
51) 2-Fluorobiphenyl	6.453	172	195590	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
73) 2,4,6-Tribromophenol	7.842	330	27406	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
86) Terphenyl-d14	10.935	244	249889	50.00	ppm	0.00
Spiked Amount 50.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.703	88	28853	49.99	ppm	100
3) Pyridine	2.949	79	81831	50.00	ppm	100
4) N-Nitrosodimethylamine	2.917	42	37594	50.00	ppm	100
6) Indene	4.941	116	138997	50.00	ppm	100
7) Cumene	4.220	105	149405	50.00	ppm	100
9) Phenol	4.498	94	93271	50.00	ppm	100
10) Aniline	4.535	93	116838	50.00	ppm	100
11) bis(2-Chloroethyl)ether	4.578	93	72216	50.00	ppm	100
12) 2-Chlorophenol	4.615	128	81252	50.00	ppm	100
13) Decane	4.647	43	76508	50.00	ppm	100

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222739.D
Acq On : 7 Nov 2024 10:56 am
Operator : jackleey
Sample : icc9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 10:42:28 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:48:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
14) 1,3-Dichlorobenzene	4.728	146	93398	50.00	ppm	100
15) 1,4-Dichlorobenzene	4.776	146	95764	50.00	ppm	100
16) Benzyl alcohol	4.856	108	50257	50.00	ppm	100
17) 1,2-Dichlorobenzene	4.883	146	90304	50.00	ppm	100
18) Acetophenone	5.043	105	116287	50.00	ppm	100
19) 2-Methylphenol	4.920	108	69882	50.00	ppm	100
20) 2,2'-oxybis(1-Chloropr...	4.947	121	22589	50.00	ppm	100
21) 3&4-Methylphenol	5.032	108	150612	100.00	ppm	100
22) n-Nitroso-di-n-propyla...	5.043	70	53775	50.00	ppm	100
23) Hexachloroethane	5.118	201	37922	50.00	ppm	100
26) Nitrobenzene	5.160	77	80913	50.00	ppm	100
27) Quinoline	5.919	129	158922	50.00	ppm	100
28) Isophorone	5.331	82	143297	50.00	ppm	100
29) 2-Nitrophenol	5.385	139	38501	50.00	ppm	100
30) 2,4-Dimethylphenol	5.401	107	81222	50.00	ppm	100
31) Benzoic acid	5.475	105	46847	50.00	ppm	100
32) bis(2-Chloroethoxy)met...	5.475	93	93015	50.00	ppm	100
33) 2,4-Dichlorophenol	5.550	162	71568	50.00	ppm	100
34) 2,6-Dichlorophenol	5.711	162	73756	50.00	ppm	100
35) 1,3,5-Trichlorobenzene	5.390	180	91181	50.00	ppm	100
36) 1,2,4-Trichlorobenzene	5.614	180	85403	50.00	ppm	100
37) 1,2,3-Trichlorobenzene	5.769	180	87618	50.00	ppm	100
38) Naphthalene	5.673	128	242400	50.00	ppm	100
39) 4-Chloroaniline	5.705	127	105625	50.00	ppm	100
40) 2,3-Dichloroaniline	6.389	161	86042	50.00	ppm	100
41) Hydroquinone	5.924	110	71294	50.00	ppm	100
42) Hexachlorobutadiene	5.753	225	55277	50.00	ppm	100
43) 4-Chloro-3-methylphenol	6.042	107	66443	50.00	ppm	100
44) 2-Methylnaphthalene	6.170	141	148003	50.00	ppm	100
45) 1-Methylnaphthalene	6.245	142	152590	50.00	ppm	100
47) Hexachlorocyclopentadiene	6.287	237	111884	100.00	ppm	100
48) 1,2,4,5-tetrachloroben...	6.293	216	95187	50.00	ppm	100
49) 2,4,6-Trichlorophenol	6.384	196	57534	50.00	ppm	100
50) 2,4,5-Trichlorophenol	6.410	196	64842	50.00	ppm	100
52) 2-Chloronaphthalene	6.555	162	166961m	113.18	ppm	
53) Biphenyl	6.539	154	213468	50.00	ppm	100
54) 2-Nitroaniline	6.640	65	39593	50.00	ppm	100
55) Dimethylphthalate	6.800	163	182879	50.00	ppm	100
56) Acenaphthylene	6.913	152	234912	50.00	ppm	100
57) 2,6-Dinitrotoluene	6.848	165	34917	50.00	ppm	100
58) 3-Nitroaniline	7.009	138	41756	50.00	ppm	100
59) Acenaphthene	7.073	153	172587	50.00	ppm	100
60) 2,4-Dinitrophenol	7.100	184	37442	100.00	ppm	100
61) 4-Nitrophenol	7.142	109	23805	50.00	ppm	100
62) Dibenzofuran	7.238	168	245031	50.00	ppm	100
63) 2,4-Dinitrotoluene	7.222	165	49762	50.00	ppm	100
64) 2,3,4,6-Tetrachlorophenol	7.356	232	49350	50.00	ppm	100
65) Diethylphthalate	7.473	149	192628	50.00	ppm	100
66) Fluorene	7.586	166	194847	50.00	ppm	100
67) 4-Chlorophenyl-phenyle...	7.586	204	102184	50.00	ppm	100

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222739.D
Acq On : 7 Nov 2024 10:56 am
Operator : jackleey
Sample : icc9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 10:42:28 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:48:16 2024
Response via : Initial Calibration

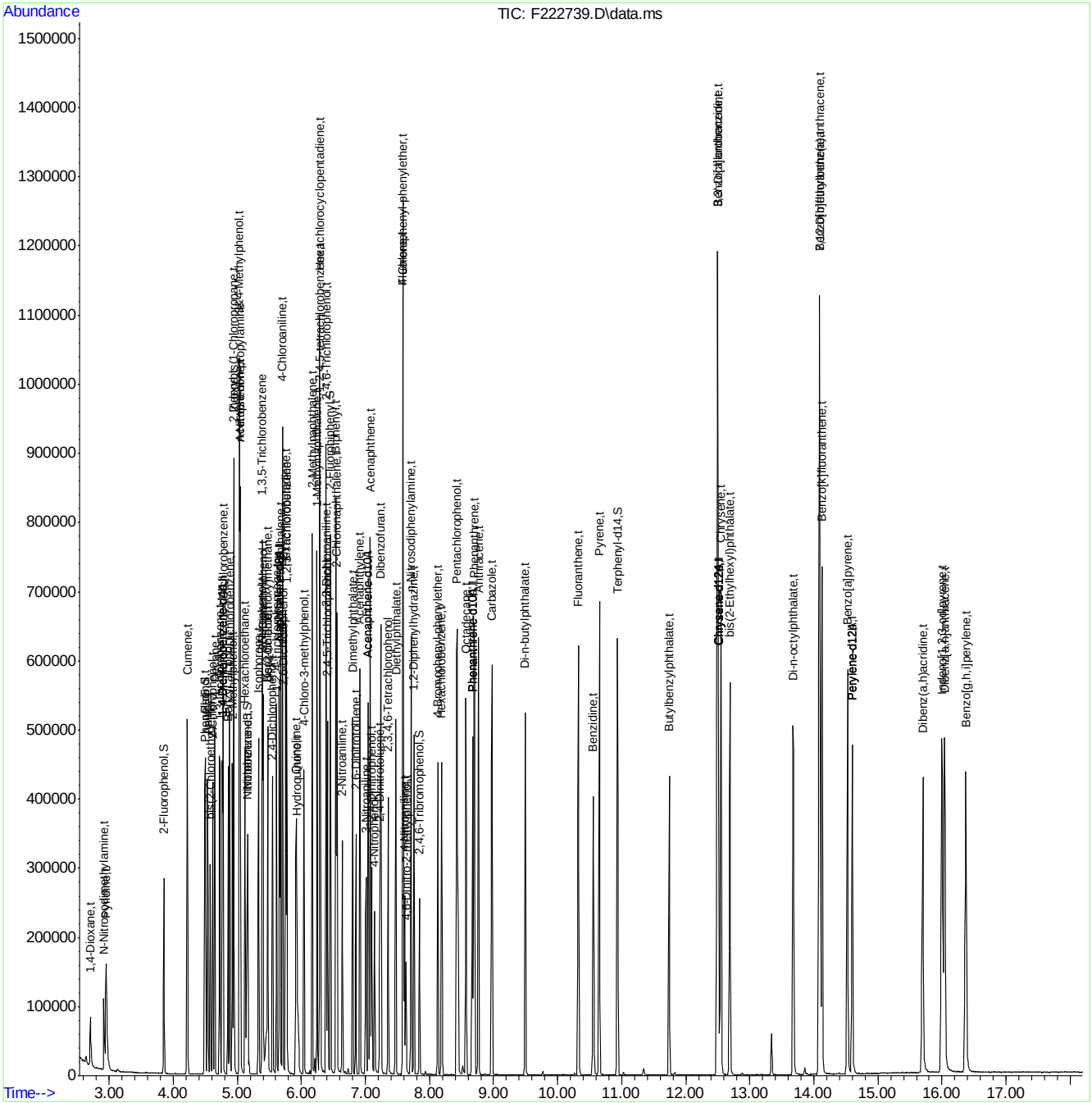
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 4-Nitroaniline	7.612	138	45511	50.00	ppm	100
70) 4,6-Dinitro-2-methylph...	7.639	198	23440	50.00	ppm	100
71) n-Nitrosodiphenylamine	7.714	169	162648	50.00	ppm	100
72) 1,2-Diphenylhydrazine	7.757	77	167198	50.00	ppm	100
74) 4-Bromophenyl-phenylether	8.131	248	57905	50.00	ppm	100
75) Hexachlorobenzene	8.189	284	61848	50.00	ppm	100
76) Pentachlorophenol	8.430	266	82960	100.00	ppm	100
77) Phenanthrene	8.697	178	280176	50.00	ppm	100
78) Anthracene	8.766	178	286170	50.00	ppm	100
79) Carbazole	8.975	167	267287	50.00	ppm	100
80) Di-n-butylphthalate	9.493	149	324975	50.00	ppm	100
81) Fluoranthene	10.326	202	325263	50.00	ppm	100
82) Octadecane	8.569	57	102379	50.00	ppm	100
84) Benzidine	10.556	184	186016	50.00	ppm	100
85) Pyrene	10.652	202	350359	50.00	ppm	100
87) Butylbenzylphthalate	11.742	149	132958	50.00	ppm	100
88) Benzo[a]anthracene	12.495	228	326259	50.00	ppm	100
89) 3,3'-Dichlorobenzidine	12.495	252	130541	50.00	ppm	100
90) Chrysene	12.549	228	330493	50.00	ppm	100
91) bis(2-Ethylhexyl)phtha...	12.688	149	212707	50.00	ppm	100
93) Di-n-octylphthalate	13.676	149	341838	50.00	ppm	100
94) Benzo[b]fluoranthene	14.087	252	347906	50.00	ppm	100
95) Benzo[k]fluoranthene	14.125	252	338454	50.00	ppm	100
96) Benzo[a]pyrene	14.525	252	288432	50.00	ppm	100
97) Indeno[1,2,3-cd]pyrene	16.000	276	304730	50.00	ppm	100
98) Dibenz(a,h)acridine	15.701	279	245923	50.00	ppm	100
99) Dibenz[a,h]anthracene	16.042	278	305279	50.00	ppm	100
100) 7,12-Dimethylbenz(a)an...	14.087	256	143135	50.00	ppm	100
101) Benzo[g,h,i]perylene	16.374	276	290012	50.00	ppm	100

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

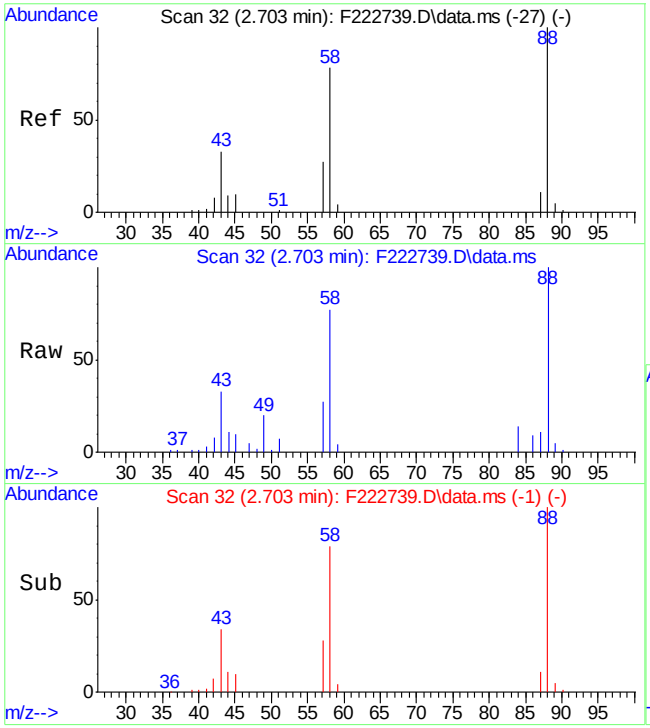
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222739.D
Acq On : 7 Nov 2024 10:56 am
Operator : jackleey
Sample : icc9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 10:42:28 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:48:16 2024
Response via : Initial Calibration



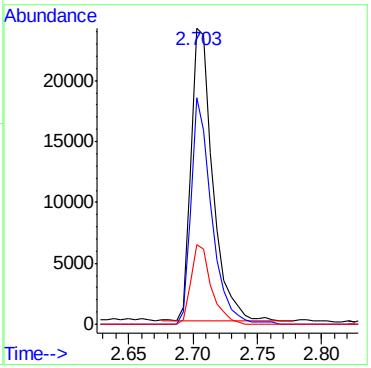
MF9899.M Fri Dec 06 10:42:54 2024 RT1 Page: 4

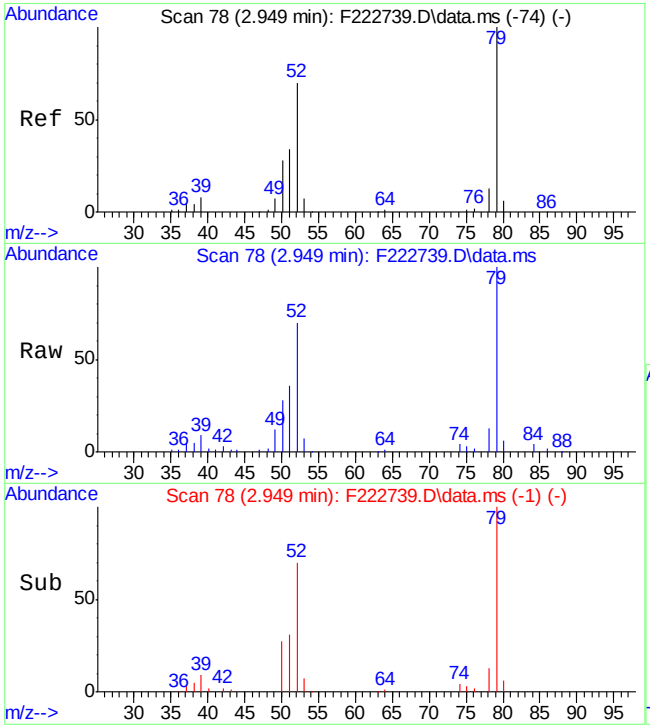


#2
1,4-Dioxane
Concen: 49.99 ppm
RT: 2.703 min Scan# 32
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 88 Resp: 28853

Ion	Ratio	Lower	Upper
88	100		
58	77.6	47.6	107.6
57	27.2	0.0	57.2

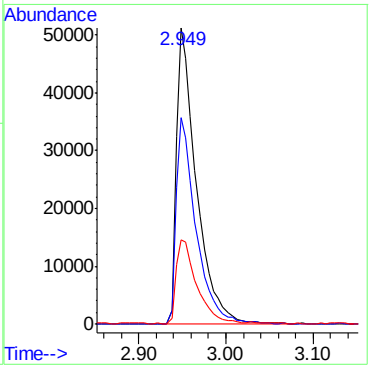


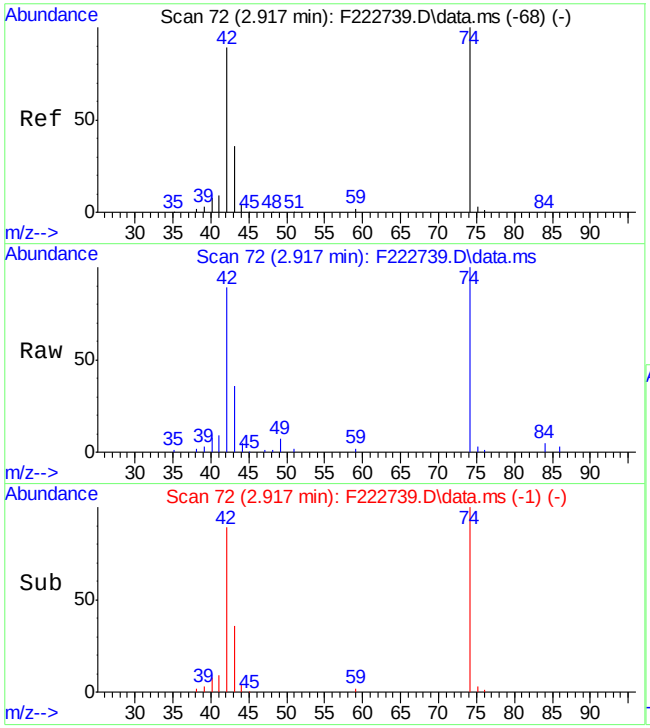


#3
Pyridine
Concen: 50.00 ppm
RT: 2.949 min Scan# 78
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 79 Resp: 81831

Ion	Ratio	Lower	Upper
79	100		
52	69.7	39.7	99.7
50	28.3	0.0	58.3

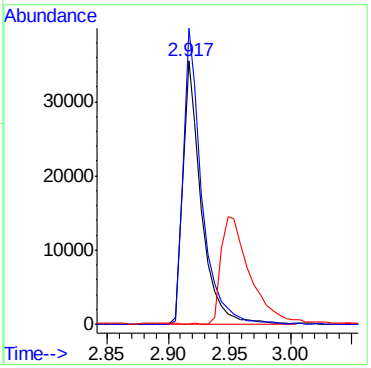


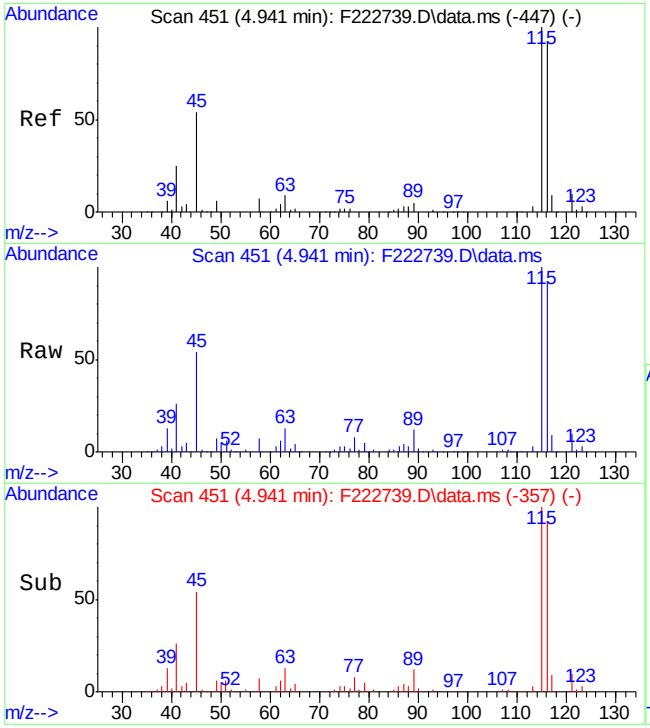


#4
N-Nitrosodimethylamine
Concen: 50.00 ppm
RT: 2.917 min Scan# 72
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 42 Resp: 37594

Ion	Ratio	Lower	Upper
42	100		
74	112.2	82.2	142.2
50	0.0	0.0	30.0

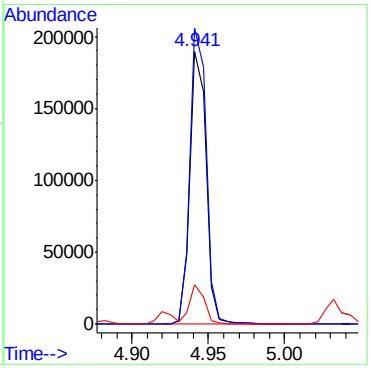


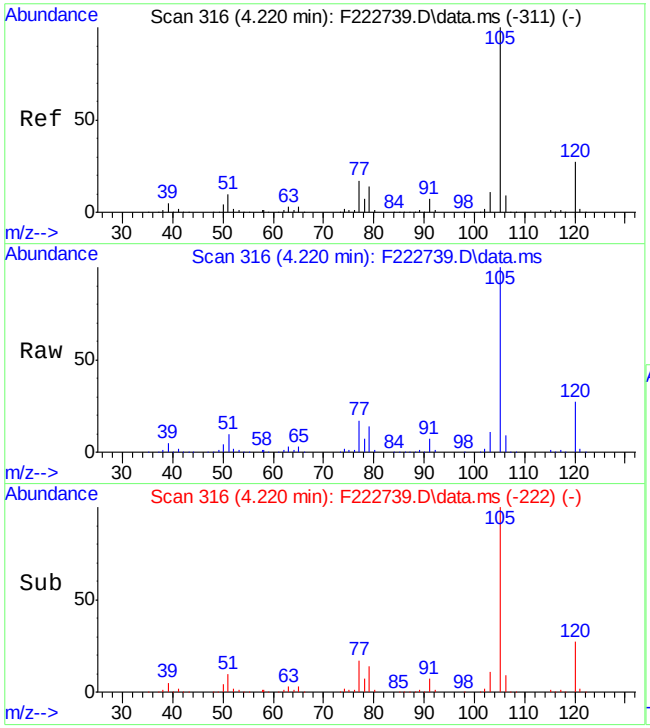


#6
Indene
Concen: 50.00 ppm
RT: 4.941 min Scan# 451
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:116 Resp: 138997

Ion	Ratio	Lower	Upper
116	100		
115	108.5	78.5	138.5
63	12.1	0.0	42.1

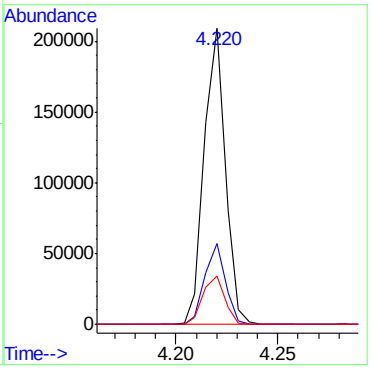


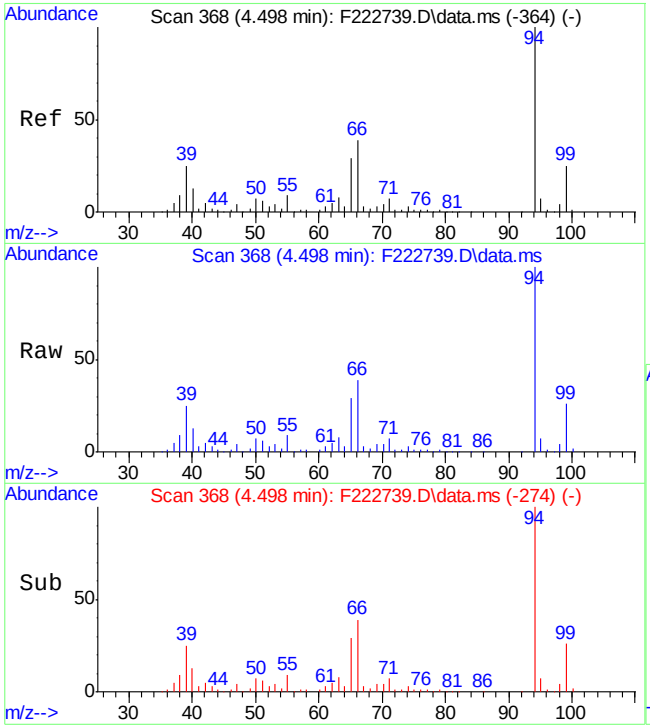


#7
Cumene
Concen: 50.00 ppm
RT: 4.220 min Scan# 316
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:105 Resp: 149405

Ion	Ratio	Lower	Upper
105	100		
120	27.2	0.0	57.2
77	16.5	0.0	46.5

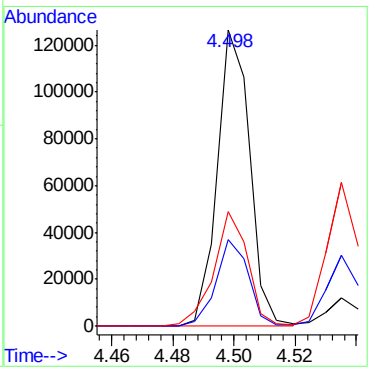


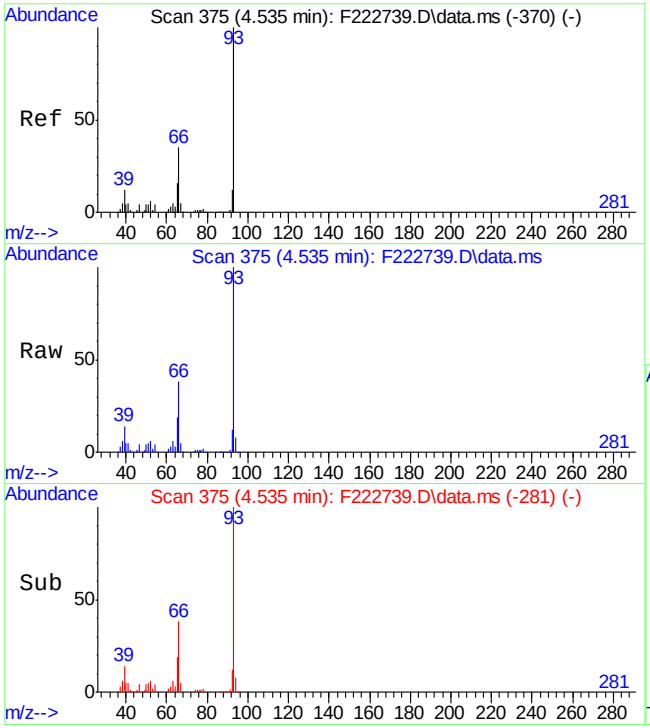


#9
Phenol
Concen: 50.00 ppm
RT: 4.498 min Scan# 368
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 94 Resp: 93271

Ion	Ratio	Lower	Upper
94	100		
65	29.0	0.0	59.0
66	38.6	8.6	68.6

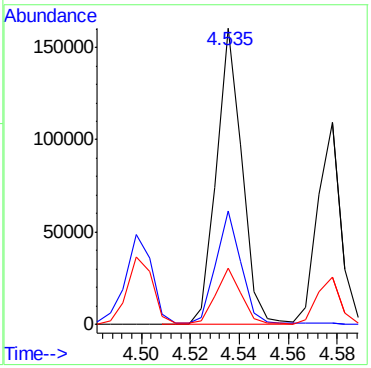


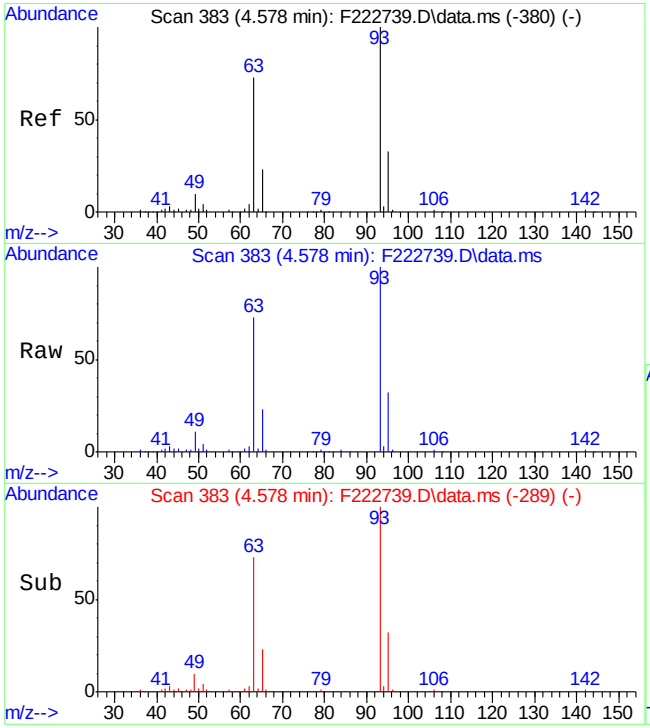


#10
Aniline
Concen: 50.00 ppm
RT: 4.535 min Scan# 375
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 93 Resp: 116838

Ion	Ratio	Lower	Upper
93	100		
66	36.6	6.6	66.6
65	17.6	0.0	47.6

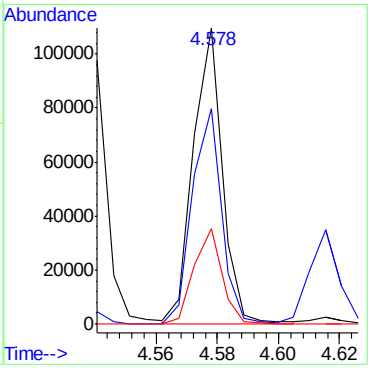


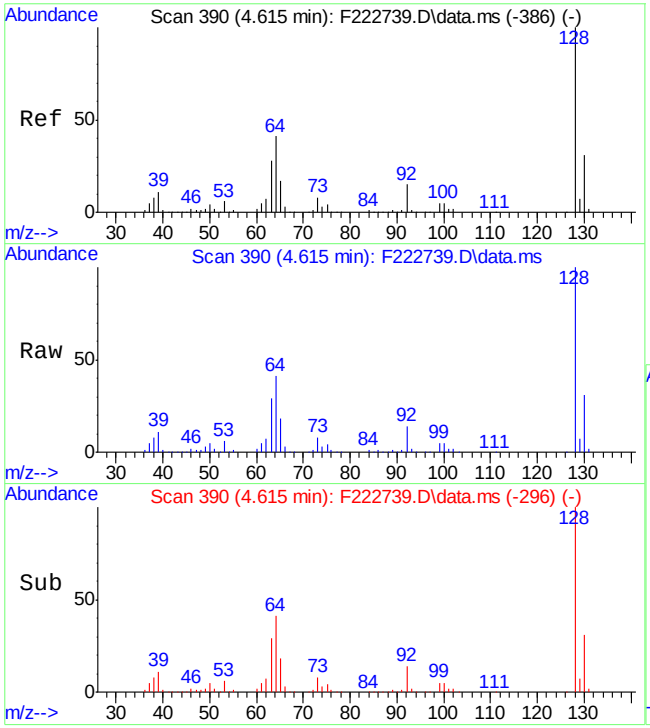


#11
bis(2-Chloroethyl)ether
Concen: 50.00 ppm
RT: 4.578 min Scan# 383
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 93 Resp: 72216

Ion	Ratio	Lower	Upper
93	100		
63	72.1	42.1	102.1
95	32.4	2.4	62.4

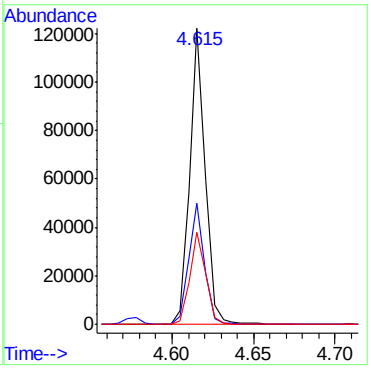


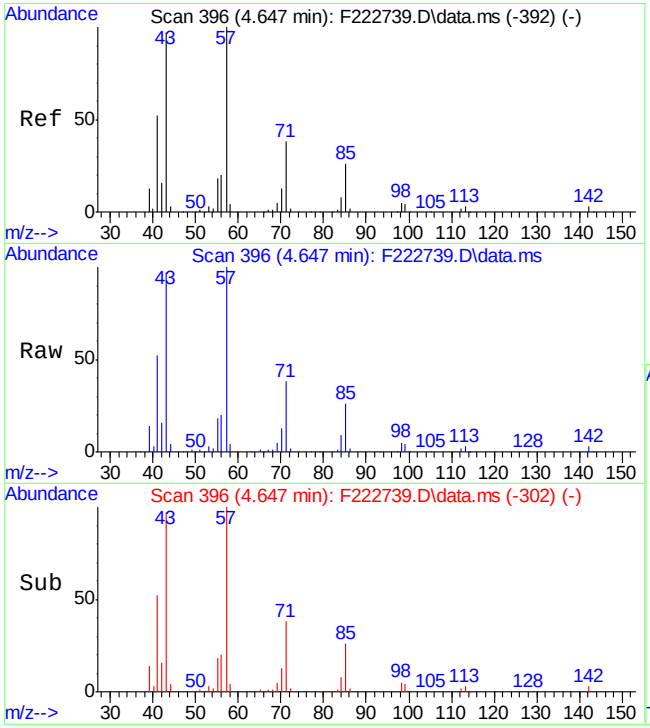


#12
2-Chlorophenol
Concen: 50.00 ppm
RT: 4.615 min Scan# 390
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:128 Resp: 81252

Ion	Ratio	Lower	Upper
128	100		
64	40.9	10.9	70.9
130	31.2	1.2	61.2

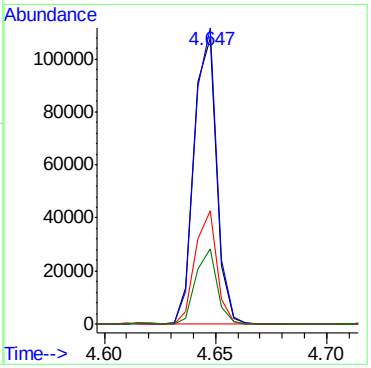


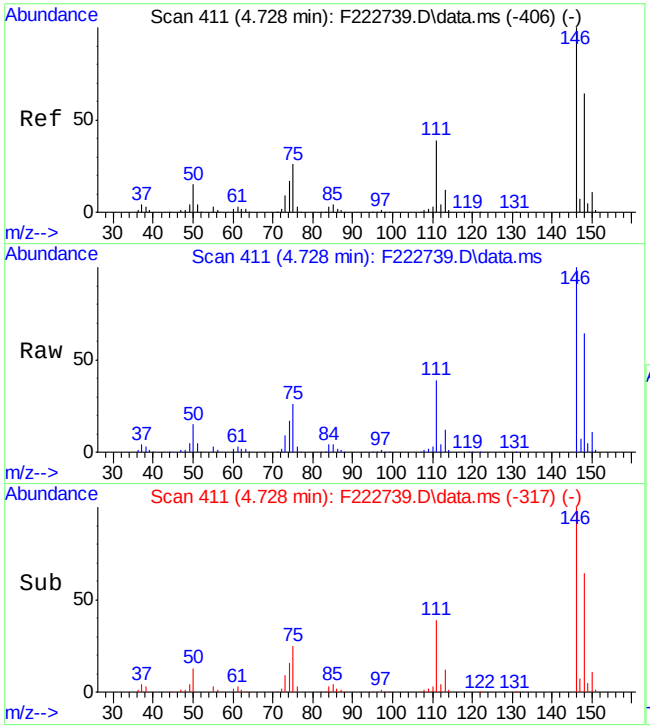


#13
Decane
Concen: 50.00 ppm
RT: 4.647 min Scan# 396
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 43 Resp: 76508

Ion	Ratio	Lower	Upper
43	100		
57	103.5	73.5	133.5
71	39.4	9.4	69.4
85	26.4	0.0	56.4

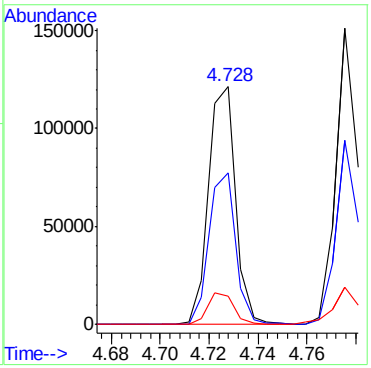


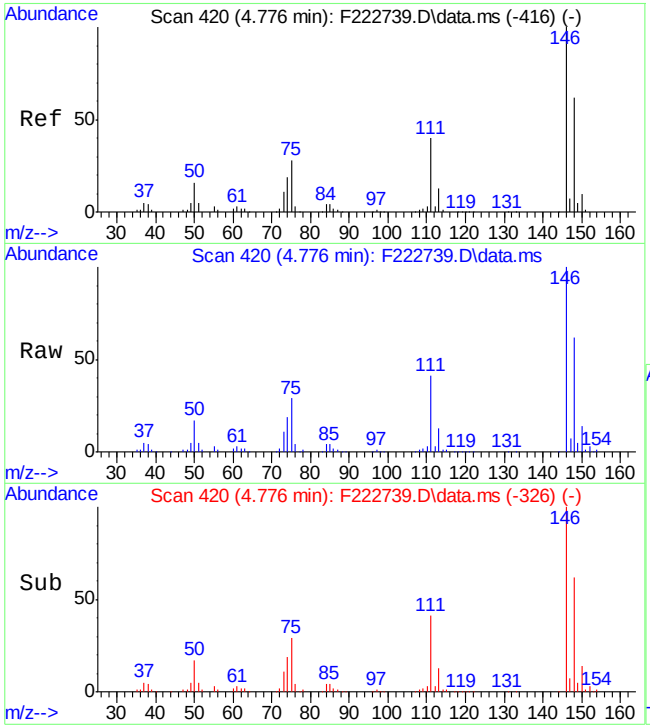


#14
1,3-Dichlorobenzene
Concen: 50.00 ppm
RT: 4.728 min Scan# 411
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:146 Resp: 93398

Ion	Ratio	Lower	Upper
146	100		
148	63.6	33.6	93.6
113	11.9	0.0	41.9

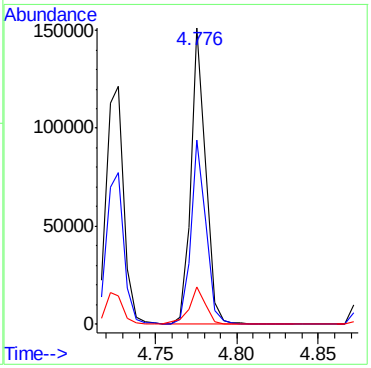


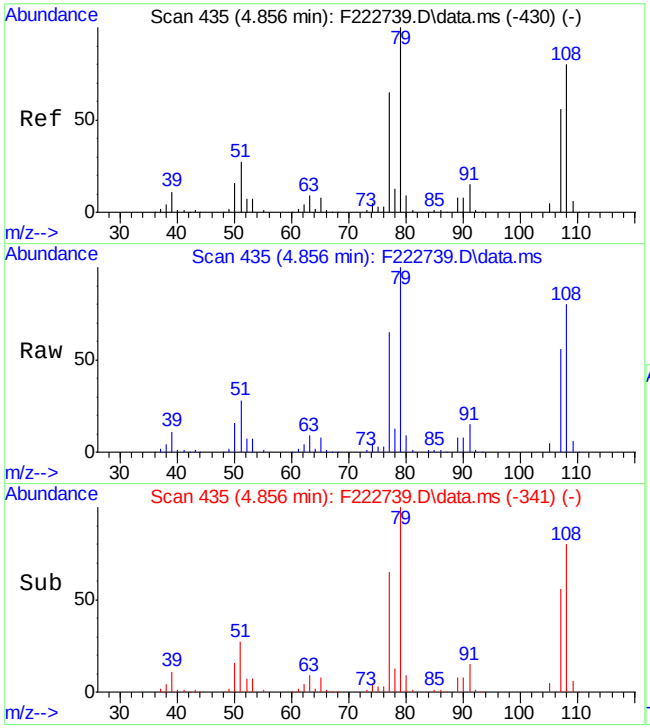


#15
1,4-Dichlorobenzene
Concen: 50.00 ppm
RT: 4.776 min Scan# 420
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:146 Resp: 95764

Ion	Ratio	Lower	Upper
146	100		
148	62.0	32.0	92.0
113	12.6	0.0	42.6

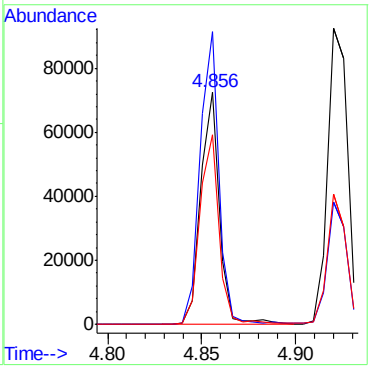


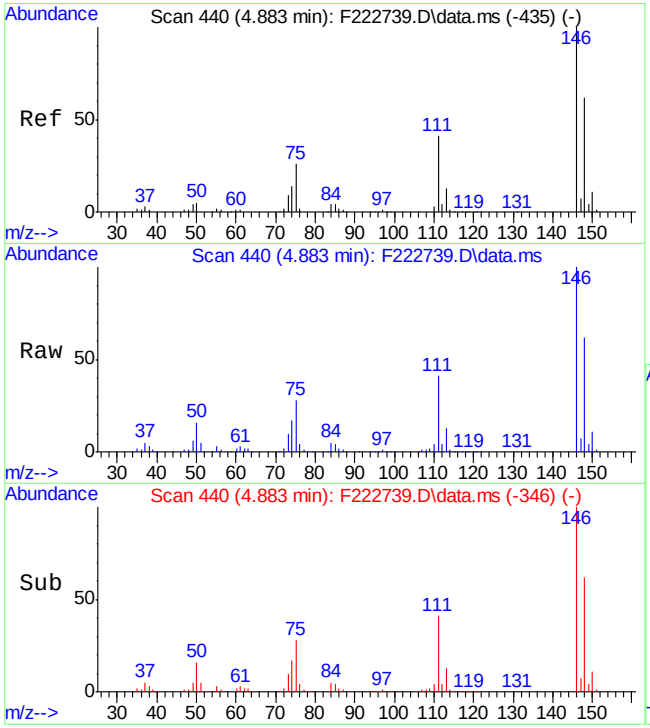


#16
Benzyl alcohol
Concen: 50.00 ppm
RT: 4.856 min Scan# 435
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:108 Resp: 50257

Ion	Ratio	Lower	Upper
108	100		
79	125.7	95.7	155.7
77	81.3	51.3	111.3

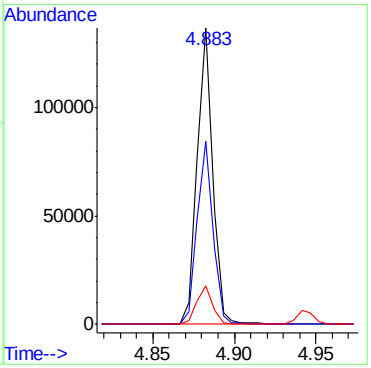


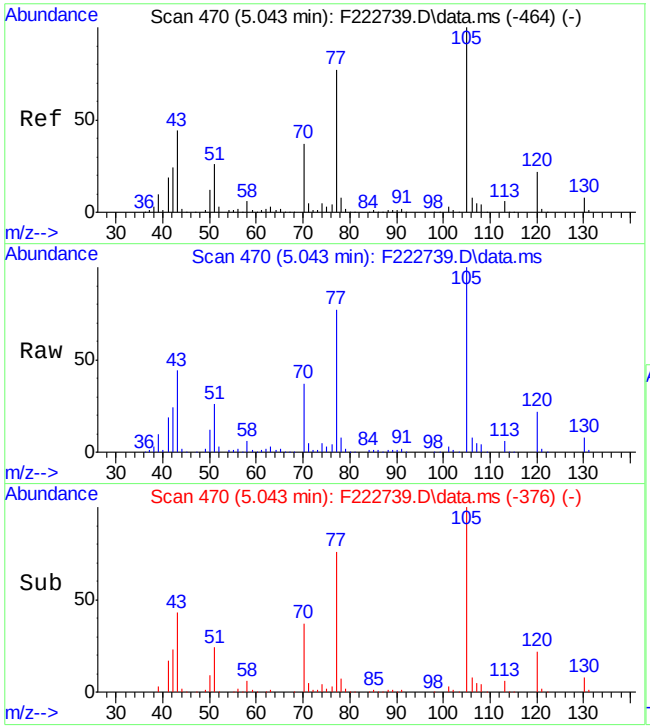


#17
1,2-Dichlorobenzene
Concen: 50.00 ppm
RT: 4.883 min Scan# 440
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:146 Resp: 90304

Ion	Ratio	Lower	Upper
146	100		
148	61.8	31.8	91.8
113	12.3	0.0	42.3

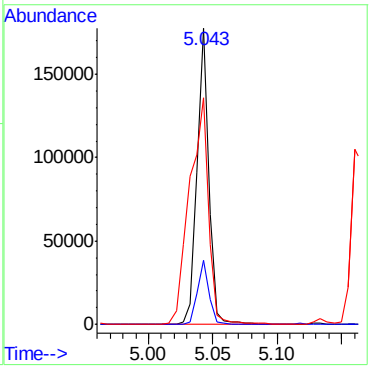


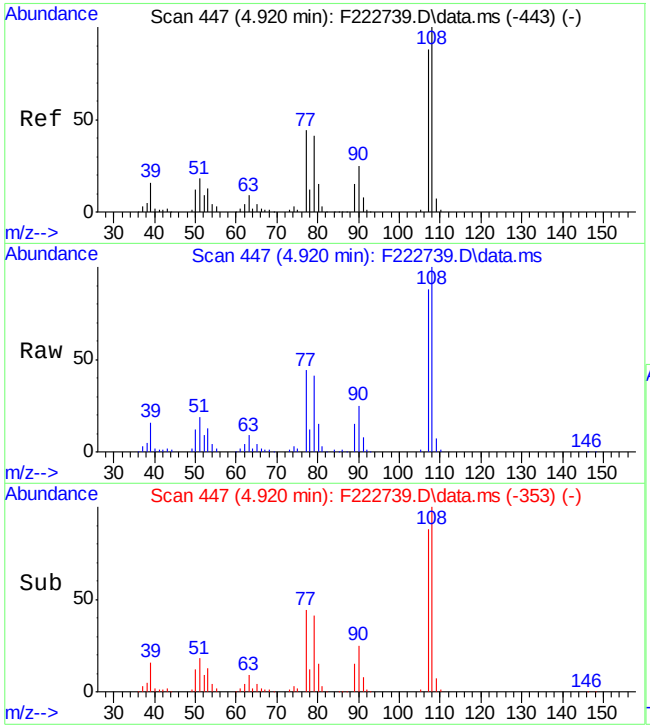


#18
Acetophenone
Concen: 50.00 ppm
RT: 5.043 min Scan# 470
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:105 Resp: 116287

Ion	Ratio	Lower	Upper
105	100		
120	21.5	0.0	51.5
77	76.5	46.5	106.5

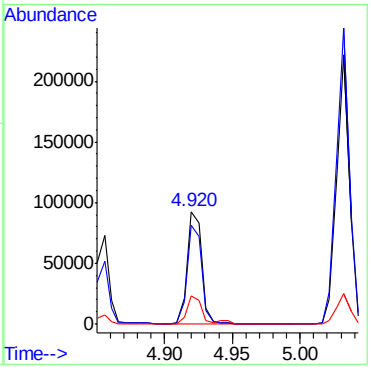


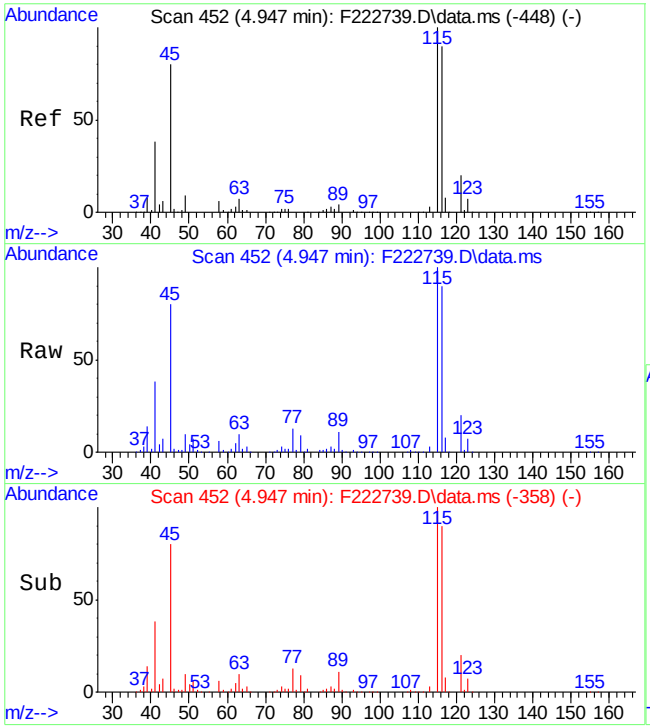


#19
2-Methylphenol
Concen: 50.00 ppm
RT: 4.920 min Scan# 447
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:108 Resp: 69882

Ion	Ratio	Lower	Upper
108	100		
107	88.3	58.3	118.3
90	25.3	0.0	55.3

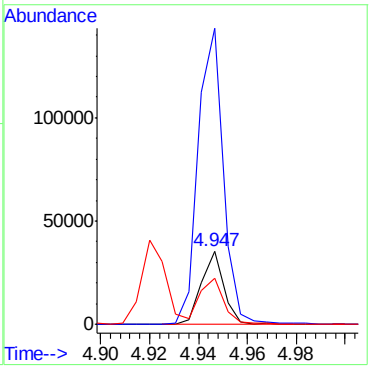


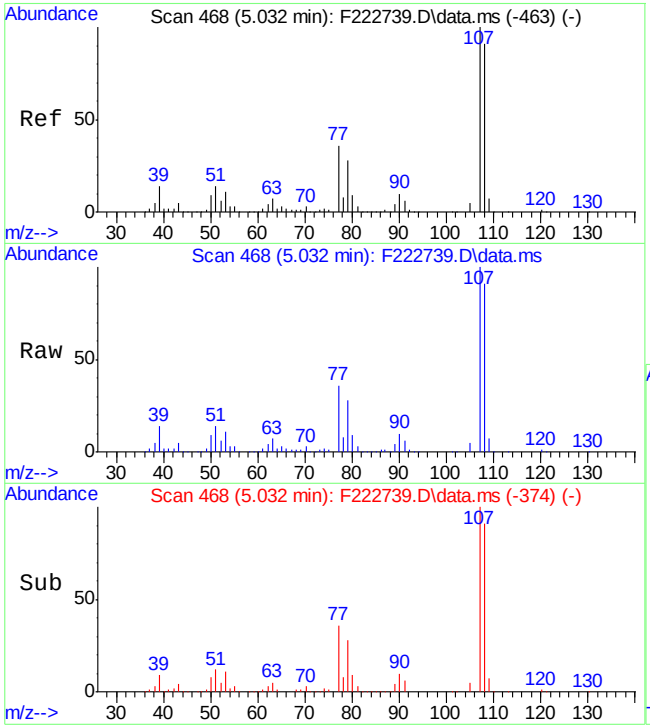


#20
2,2'-oxybis(1-Chloropropane
Concen: 50.00 ppm
RT: 4.947 min Scan# 452
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:121 Resp: 22589

Ion	Ratio	Lower	Upper
121	100		
45	404.4	374.4	434.4
77	19.9	0.0	49.9

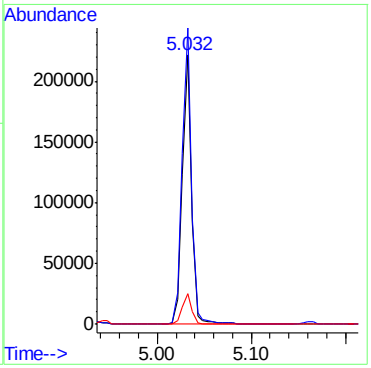


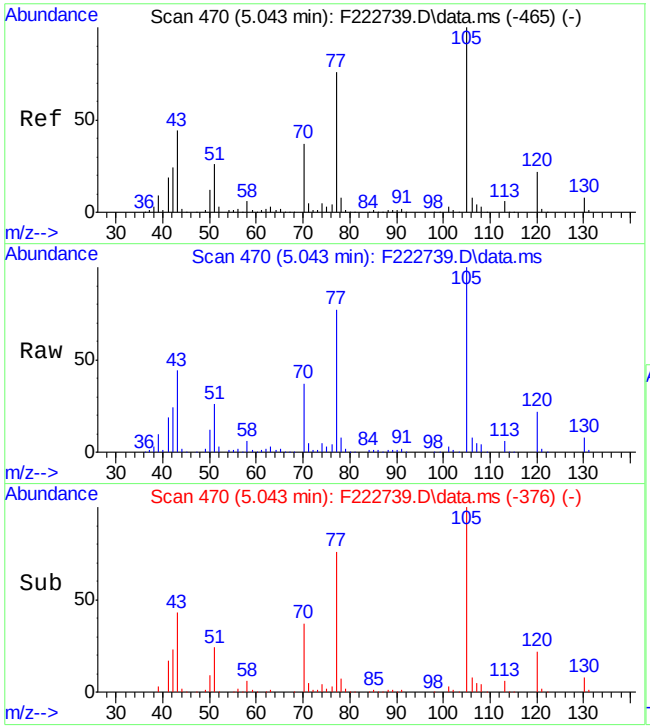


#21
3&4-Methylphenol
Concen: 100.00 ppm
RT: 5.032 min Scan# 468
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:108 Resp: 150612

Ion	Ratio	Lower	Upper
108	100		
107	110.0	80.0	140.0
90	11.5	0.0	41.5

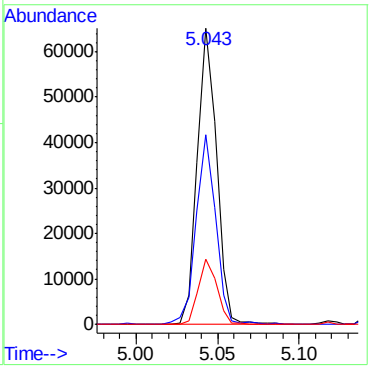


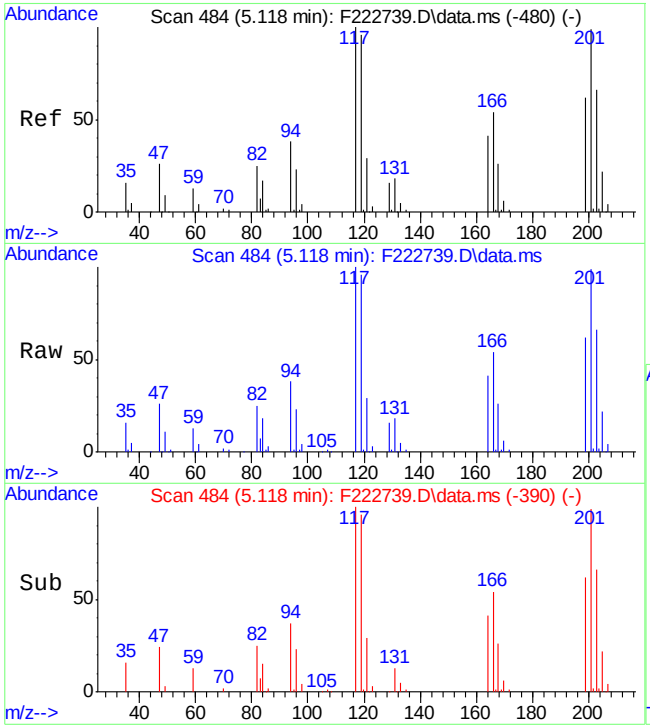


#22
n-Nitroso-di-n-propylamine
Concen: 50.00 ppm
RT: 5.043 min Scan# 470
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 70 Resp: 53775

Ion	Ratio	Lower	Upper
70	100		
42	64.2	44.9	83.5
130	22.0	15.4	28.6

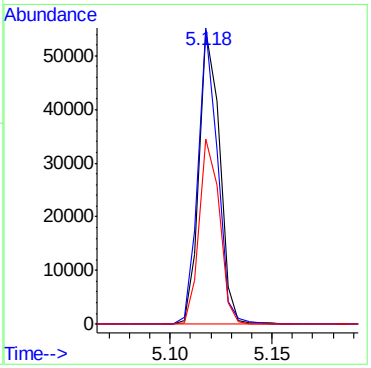


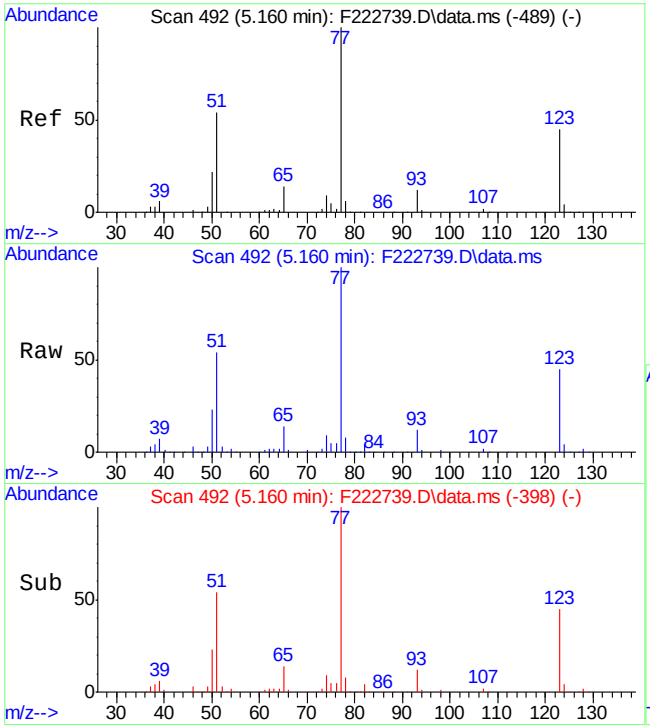


#23
Hexachloroethane
Concen: 50.00 ppm
RT: 5.118 min Scan# 484
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:201 Resp: 37922

Ion	Ratio	Lower	Upper
201	100		
117	100.8	70.8	130.8
199	62.9	32.9	92.9

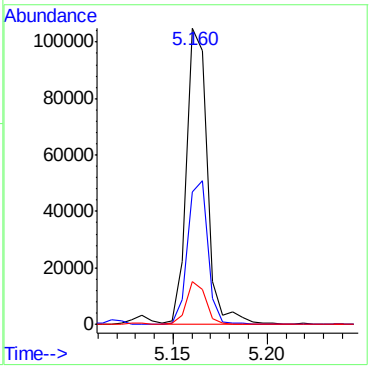


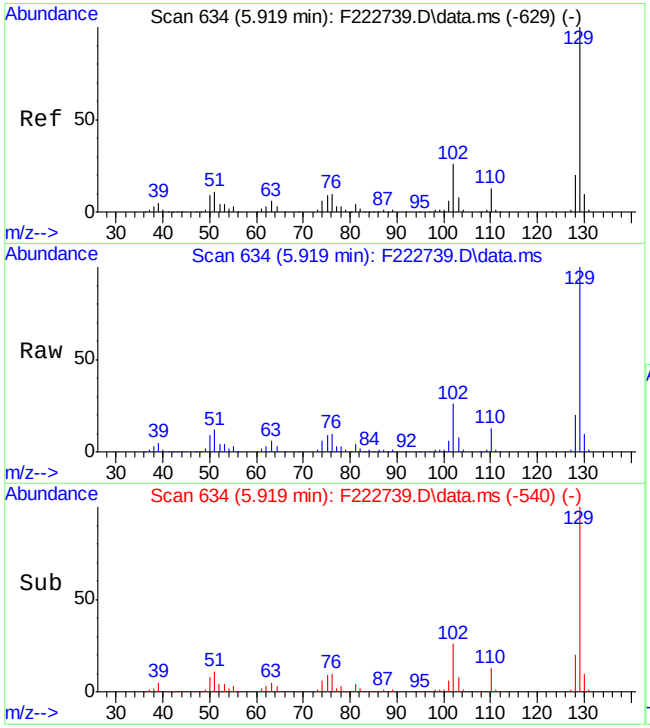


#26
Nitrobenzene
Concen: 50.00 ppm
RT: 5.160 min Scan# 492
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 77 Resp: 80913

Ion	Ratio	Lower	Upper
77	100		
123	44.9	14.9	74.9
65	14.3	0.0	44.3

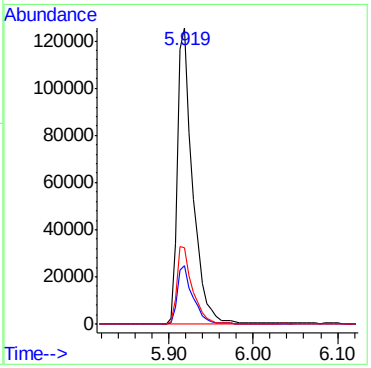


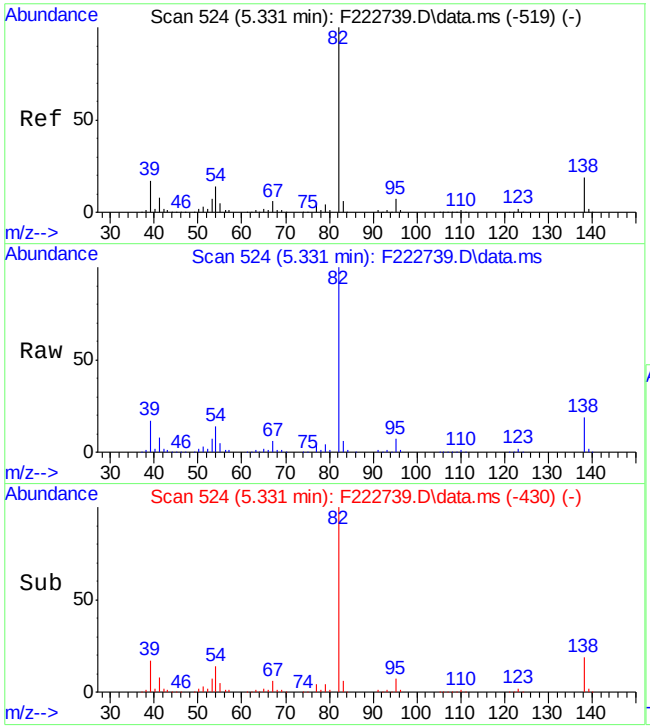


#27
Quinoline
Concen: 50.00 ppm
RT: 5.919 min Scan# 634
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:129 Resp: 158922

Ion	Ratio	Lower	Upper
129	100		
128	19.8	0.0	49.8
102	25.7	0.0	55.7

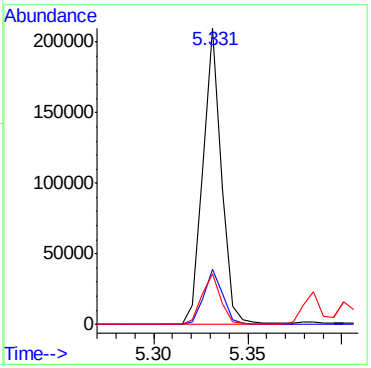


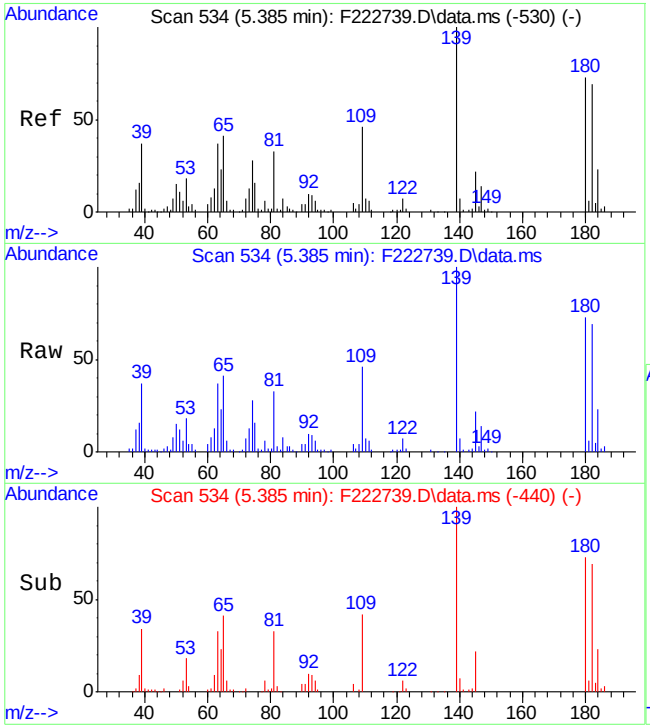


#28
Isophorone
Concen: 50.00 ppm
RT: 5.331 min Scan# 524
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 82 Resp: 143297

Ion	Ratio	Lower	Upper
82	100		
138	18.7	0.0	48.7
39	16.7	0.0	46.7

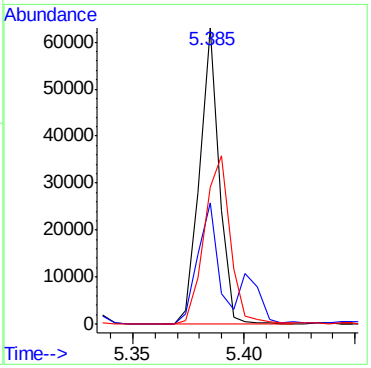


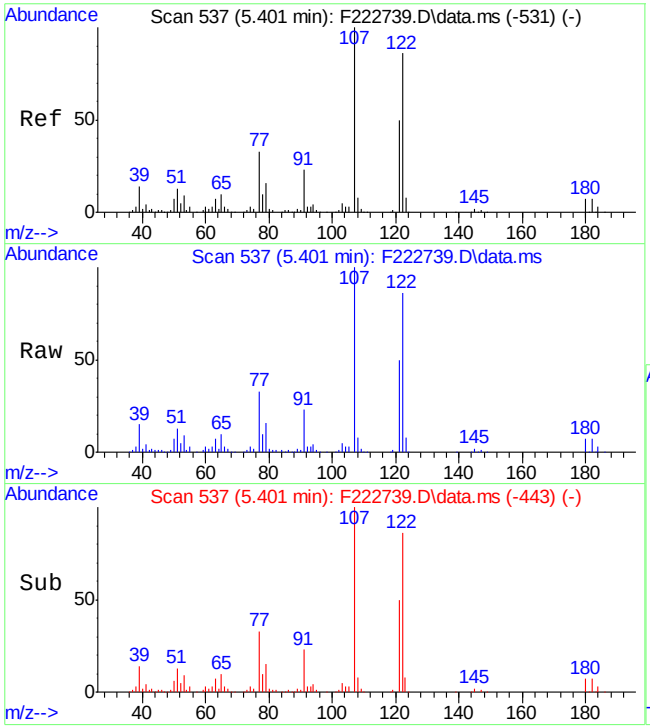


#29
2-Nitrophenol
Concen: 50.00 ppm
RT: 5.385 min Scan# 534
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:139 Resp: 38501

Ion	Ratio	Lower	Upper
139	100		
65	40.5	10.5	70.5
109	46.1	16.1	76.1

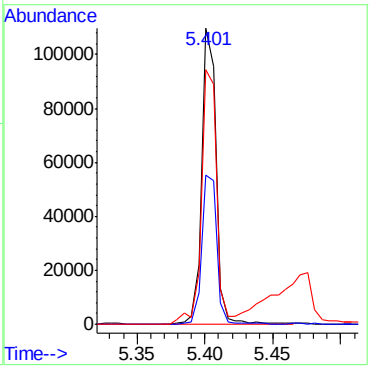


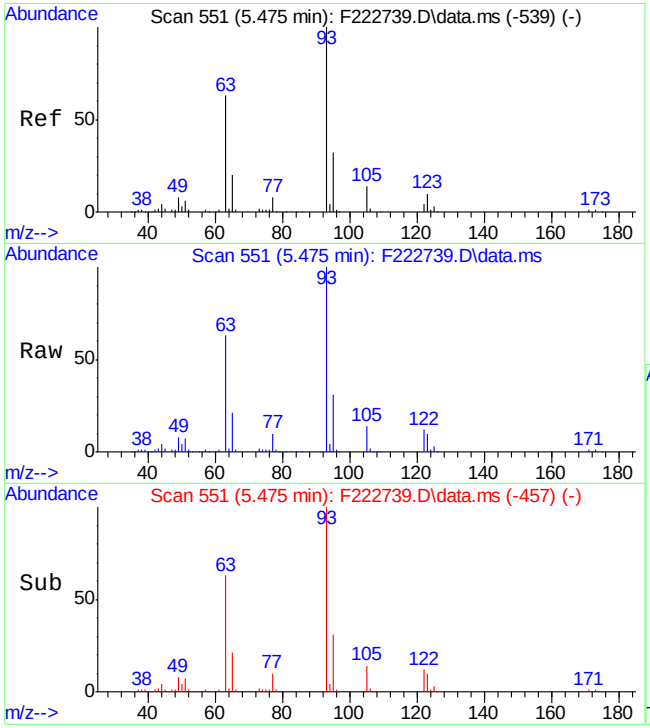


#30
2,4-Dimethylphenol
Concen: 50.00 ppm
RT: 5.401 min Scan# 537
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:107 Resp: 81222

Ion	Ratio	Lower	Upper
107	100		
121	50.1	20.1	80.1
122	79.3	49.3	109.3

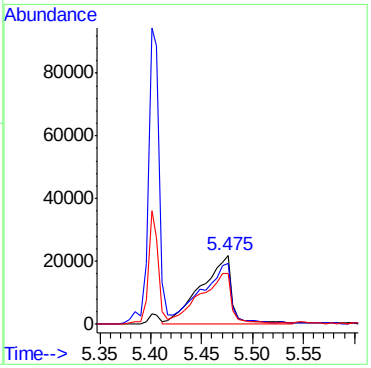


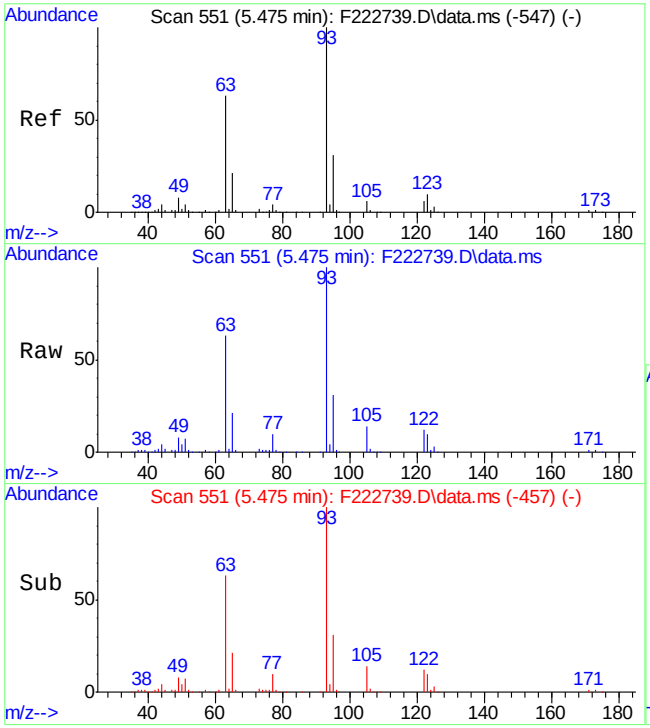


#31
Benzoic acid
Concen: 50.00 ppm
RT: 5.475 min Scan# 551
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:105 Resp: 46847

Ion	Ratio	Lower	Upper
105	100		
122	58.8	28.8	88.8
77	64.7	34.7	94.7

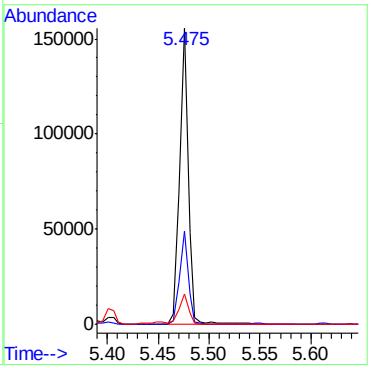


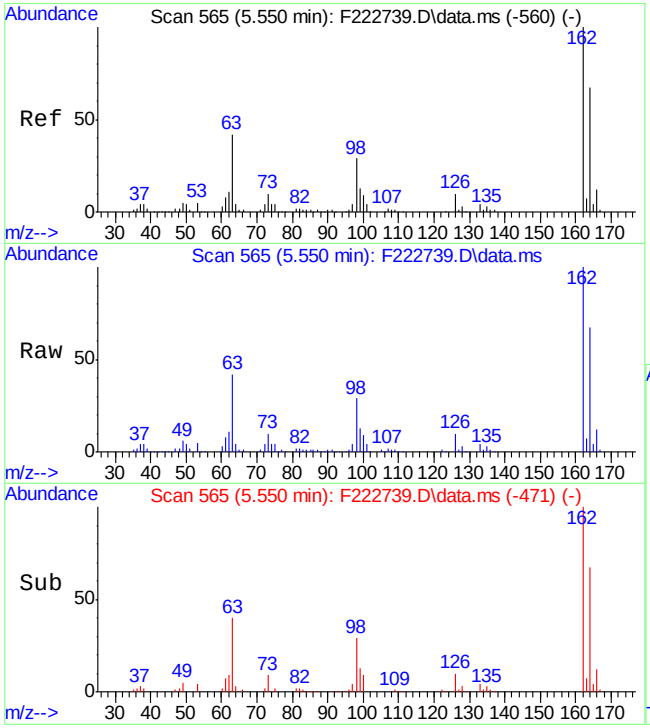


#32
bis(2-Chloroethoxy)methane
Concen: 50.00 ppm
RT: 5.475 min Scan# 551
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 93 Resp: 93015

Ion	Ratio	Lower	Upper
93	100		
95	31.4	1.4	61.4
123	10.0	0.0	40.0

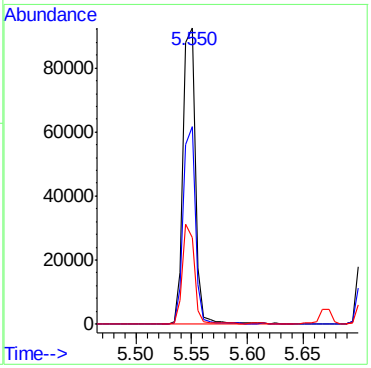


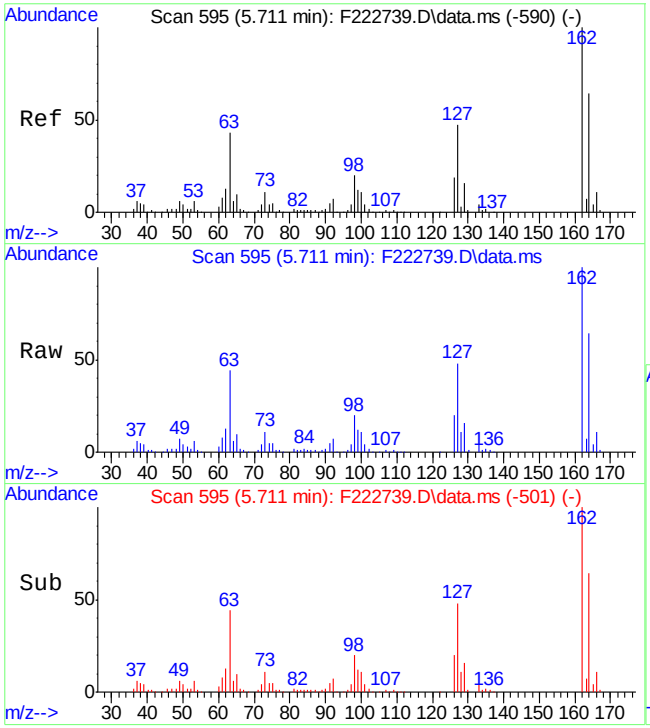


#33
2,4-Dichlorophenol
Concen: 50.00 ppm
RT: 5.550 min Scan# 565
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:162 Resp: 71568

Ion	Ratio	Lower	Upper
162	100		
164	66.7	36.7	96.7
98	29.1	0.0	59.1

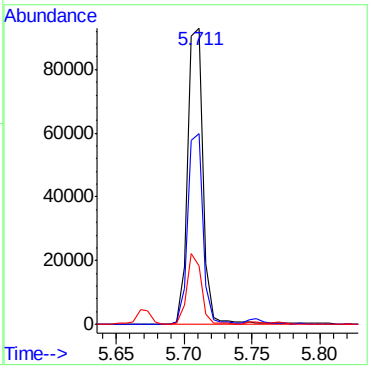


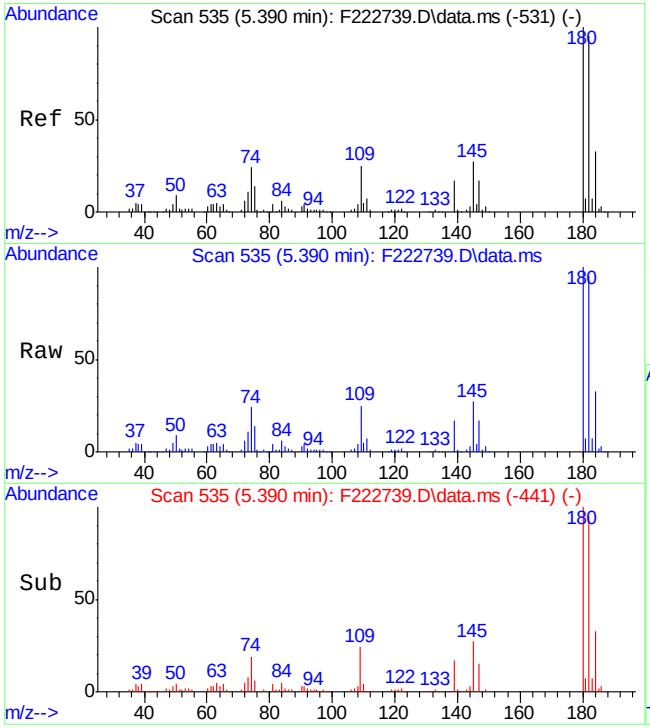


#34
2,6-Dichlorophenol
Concen: 50.00 ppm
RT: 5.711 min Scan# 595
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:162 Resp: 73756

Ion	Ratio	Lower	Upper
162	100		
164	64.3	34.3	94.3
98	19.7	0.0	49.7

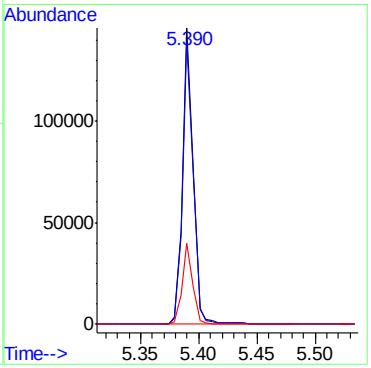


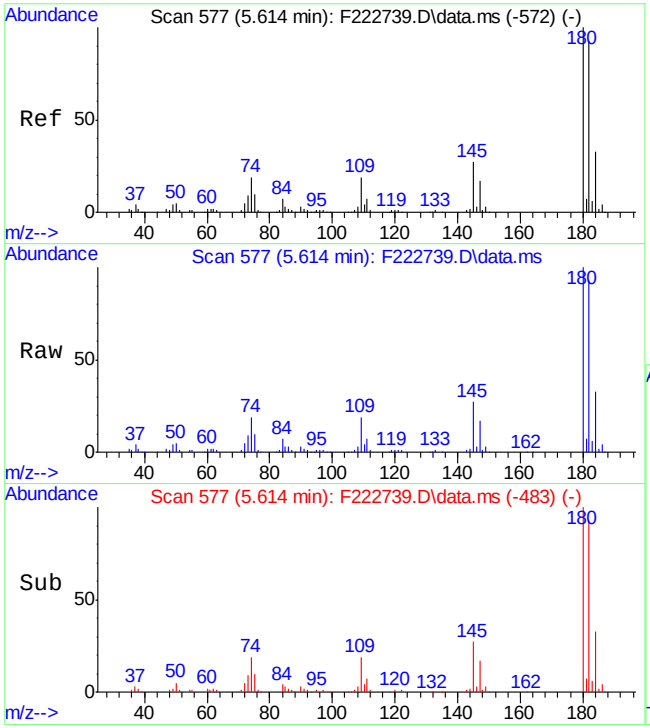


#35
1,3,5-Trichlorobenzene
Concen: 50.00 ppm
RT: 5.390 min Scan# 535
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:180 Resp: 91181

Ion	Ratio	Lower	Upper
180	100		
182	95.3	65.3	125.3
145	27.4	0.0	57.4

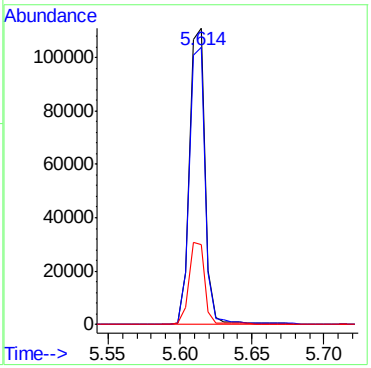


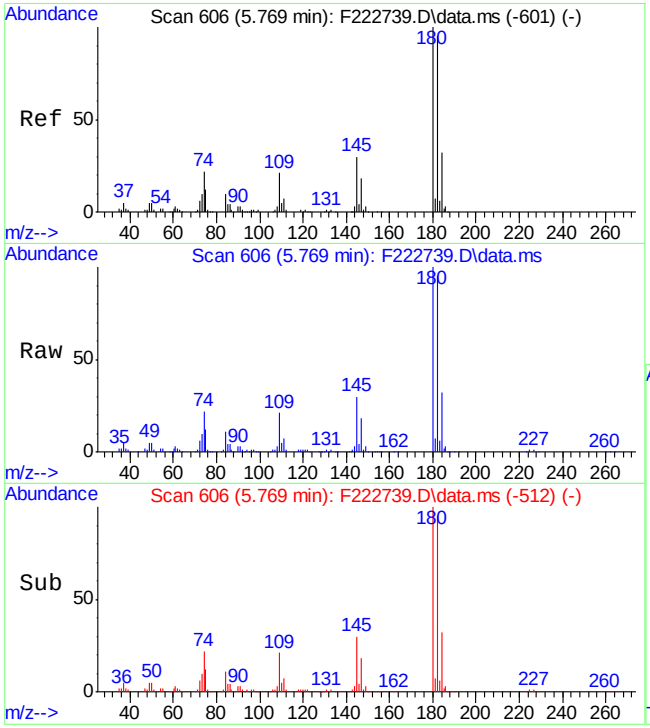


#36
1,2,4-Trichlorobenzene
Concen: 50.00 ppm
RT: 5.614 min Scan# 577
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:180 Resp: 85403

Ion	Ratio	Lower	Upper
180	100		
182	93.3	63.3	123.3
145	26.9	0.0	56.9

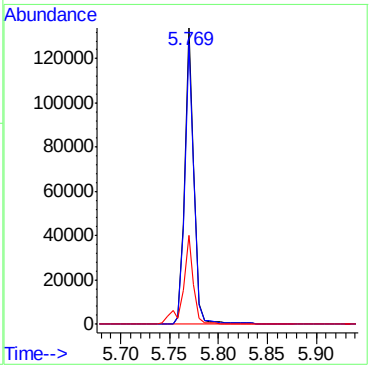


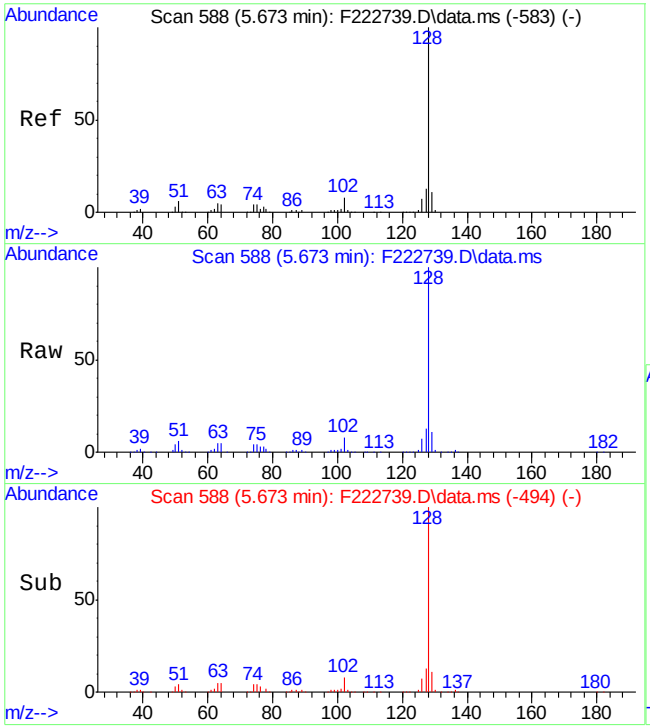


#37
1,2,3-Trichlorobenzene
Concen: 50.00 ppm
RT: 5.769 min Scan# 606
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:180 Resp: 87618

Ion	Ratio	Lower	Upper
180	100		
182	94.7	64.7	124.7
145	29.8	0.0	59.8

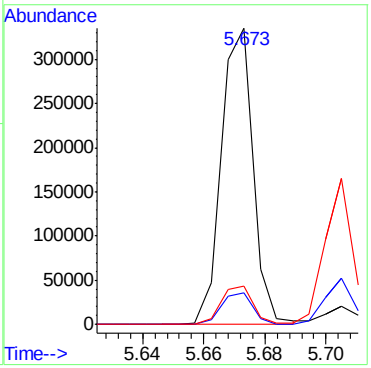


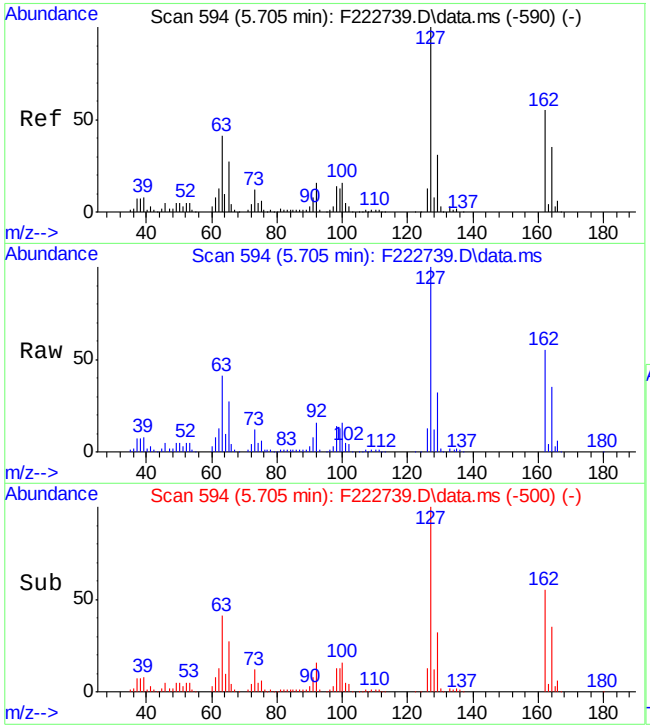


#38
Naphthalene
Concen: 50.00 ppm
RT: 5.673 min Scan# 588
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:128 Resp: 242400

Ion	Ratio	Lower	Upper
128	100		
129	10.5	0.0	40.5
127	12.8	0.0	42.8

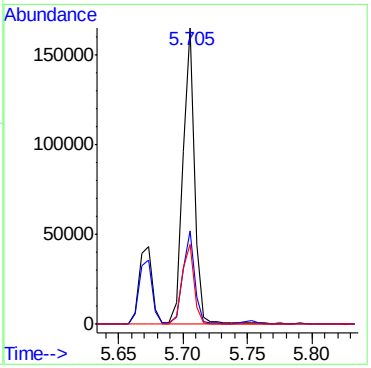


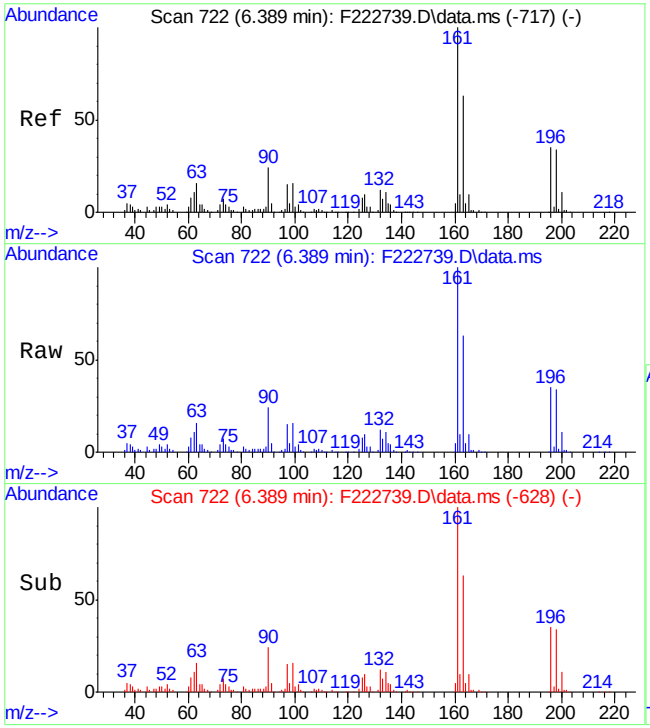


#39
4-Chloroaniline
Concen: 50.00 ppm
RT: 5.705 min Scan# 594
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:127 Resp: 105625

Ion	Ratio	Lower	Upper
127	100		
129	31.4	1.4	61.4
65	27.0	0.0	57.0

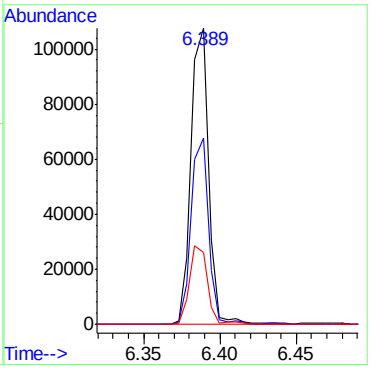


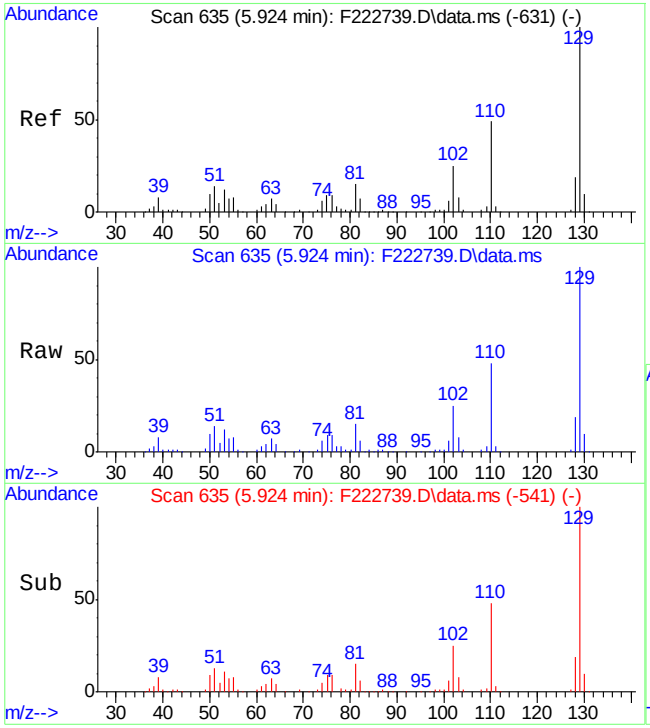


#40
2,3-Dichloroaniline
Concen: 50.00 ppm
RT: 6.389 min Scan# 722
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:161 Resp: 86042

Ion	Ratio	Lower	Upper
161	100		
163	62.9	32.9	92.9
90	24.3	0.0	54.3

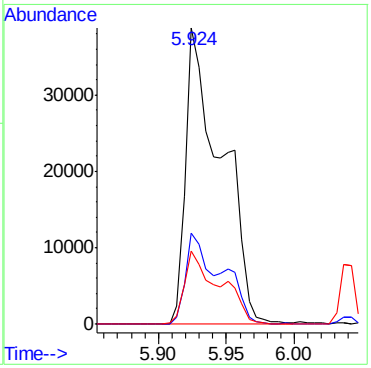


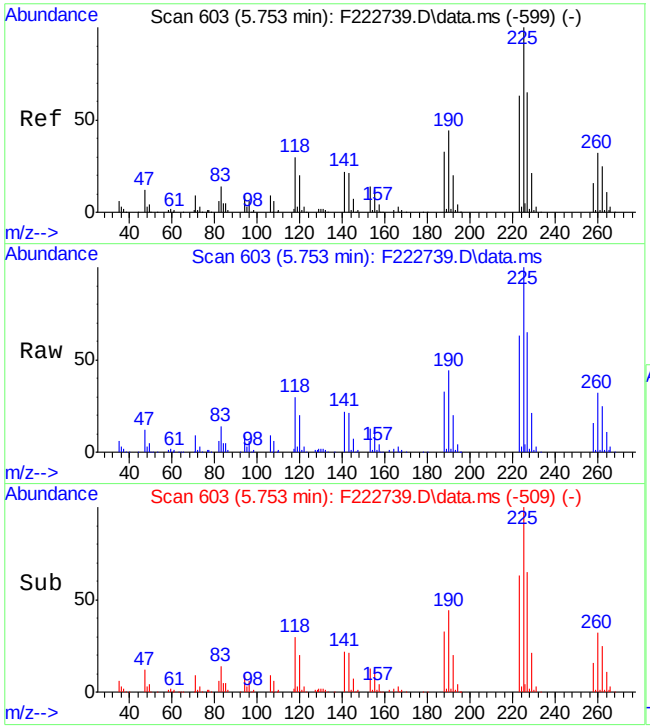


#41
Hydroquinone
Concen: 50.00 ppm
RT: 5.924 min Scan# 635
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:110 Resp: 71294

Ion	Ratio	Lower	Upper
110	100		
81	30.7	0.7	60.7
53	24.6	0.0	54.6

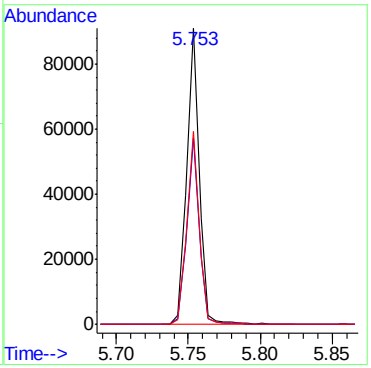


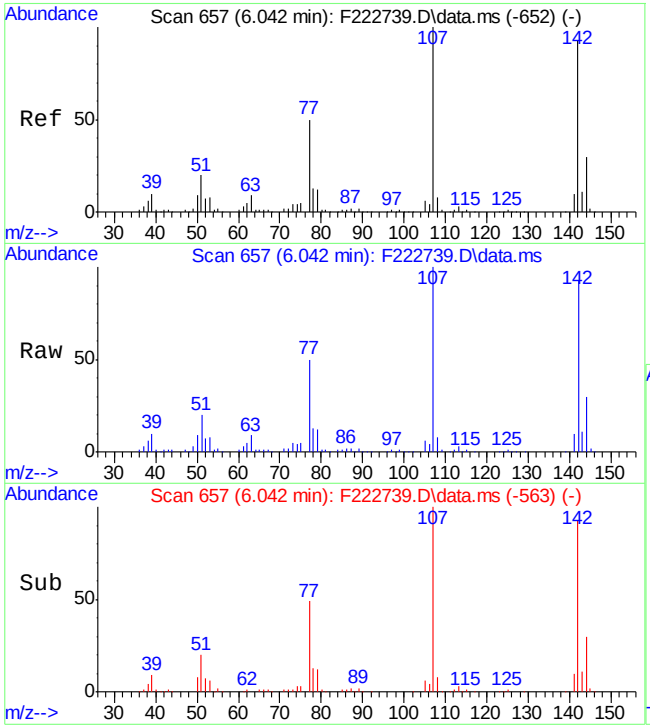


#42
Hexachlorobutadiene
Concen: 50.00 ppm
RT: 5.753 min Scan# 603
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:225 Resp: 55277

Ion	Ratio	Lower	Upper
225	100		
223	63.1	33.1	93.1
227	65.0	35.0	95.0

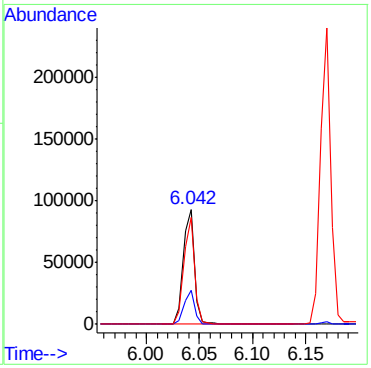


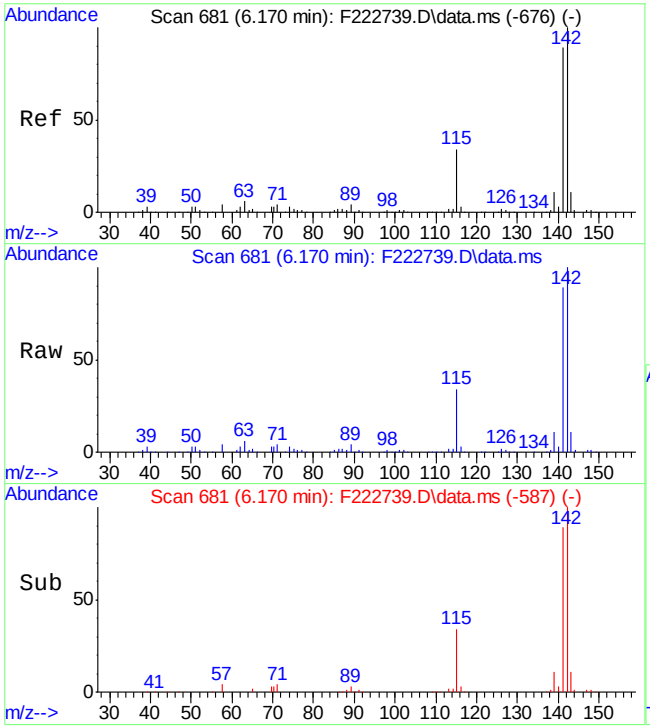


#43
4-Chloro-3-methylphenol
Concen: 50.00 ppm
RT: 6.042 min Scan# 657
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:107 Resp: 66443

Ion	Ratio	Lower	Upper
107	100		
144	29.6	0.0	59.6
142	92.6	62.6	122.6

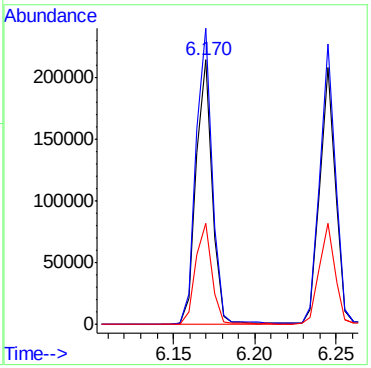


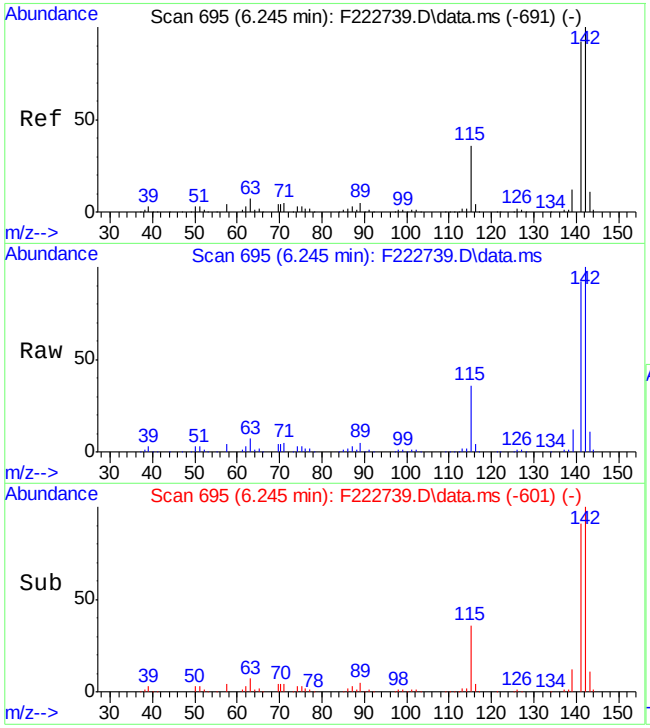


#44
2-Methylnaphthalene
Concen: 50.00 ppm
RT: 6.170 min Scan# 681
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:141 Resp: 148003

Ion	Ratio	Lower	Upper
141	100		
142	112.0	82.0	142.0
115	38.2	8.2	68.2

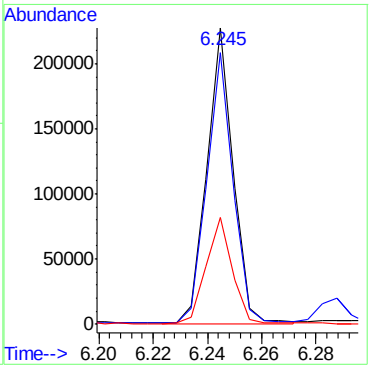


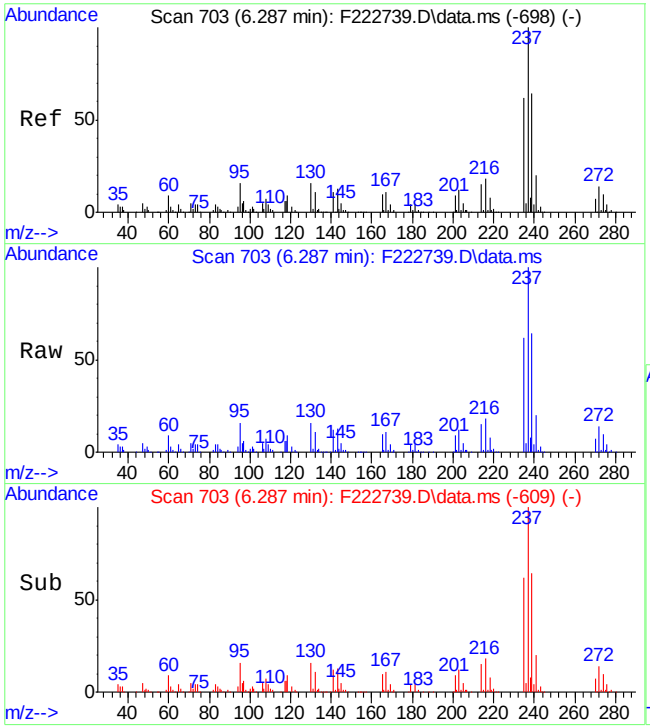


#45
1-Methylnaphthalene
Concen: 50.00 ppm
RT: 6.245 min Scan# 695
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:142 Resp: 152590

Ion	Ratio	Lower	Upper
142	100		
141	91.5	61.5	121.5
115	35.8	5.8	65.8

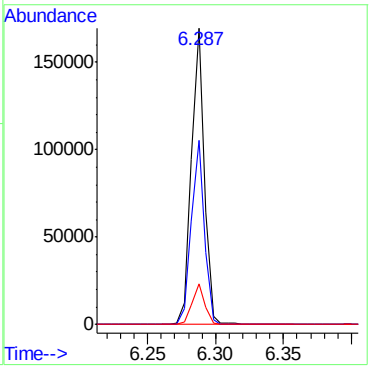


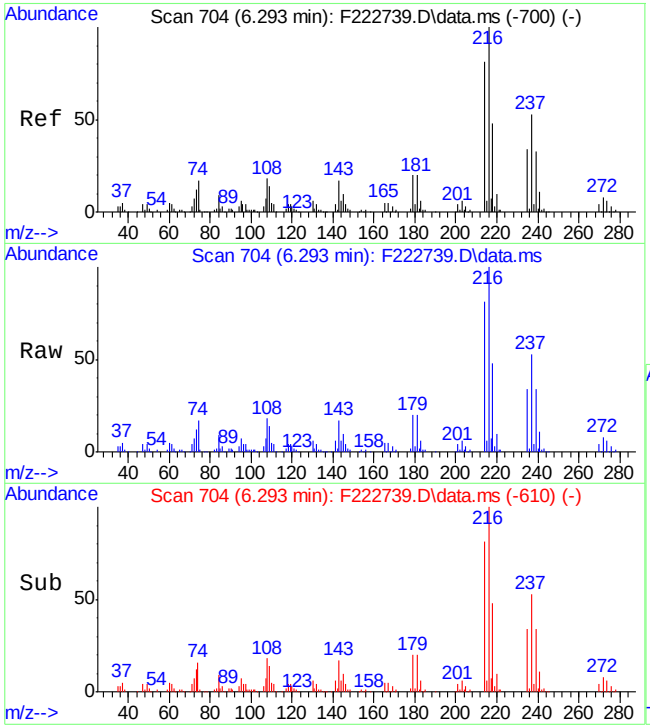


#47
Hexachlorocyclopentadiene
Concen: 100.00 ppm
RT: 6.287 min Scan# 703
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:237 Resp: 111884

Ion	Ratio	Lower	Upper
237	100		
235	62.2	32.2	92.2
272	13.6	0.0	43.6

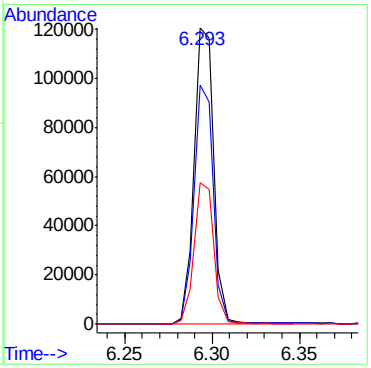


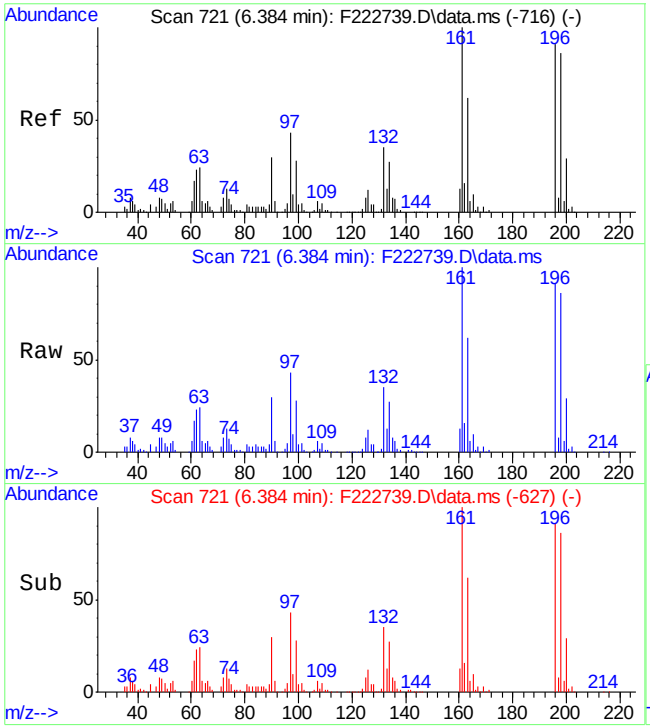


#48
1,2,4,5-tetrachlorobenzene
Concen: 50.00 ppm
RT: 6.293 min Scan# 704
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:216 Resp: 95187

Ion	Ratio	Lower	Upper
216	100		
214	79.2	55.4	103.0
218	47.7	33.4	62.0

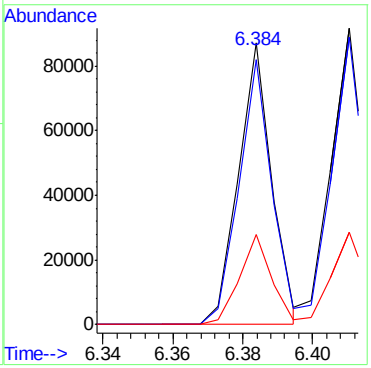


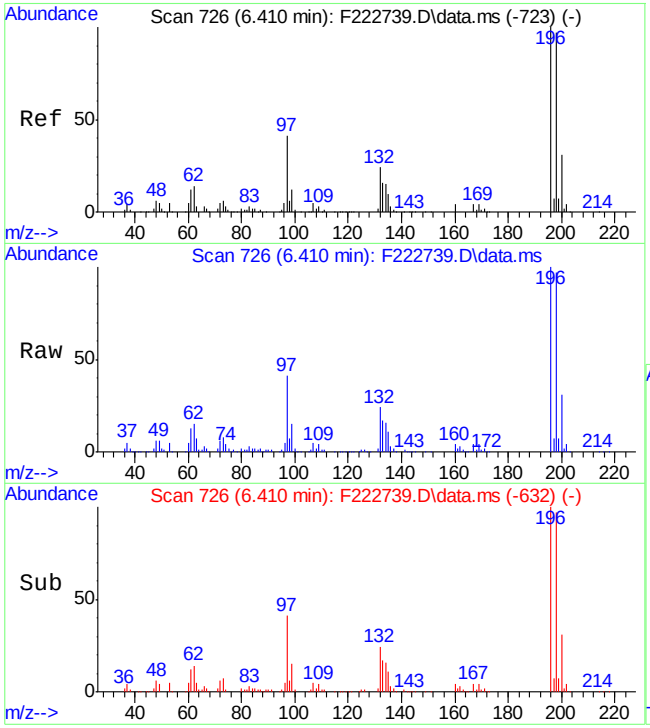


#49
2,4,6-Trichlorophenol
Concen: 50.00 ppm
RT: 6.384 min Scan# 721
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:196 Resp: 57534

Ion	Ratio	Lower	Upper
196	100		
198	94.2	64.2	124.2
200	32.2	2.2	62.2

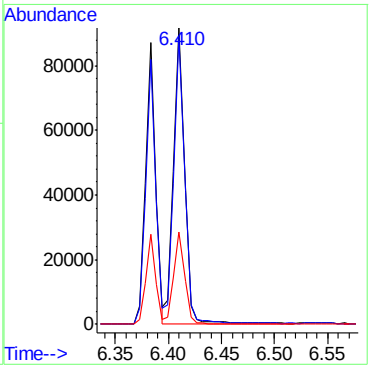


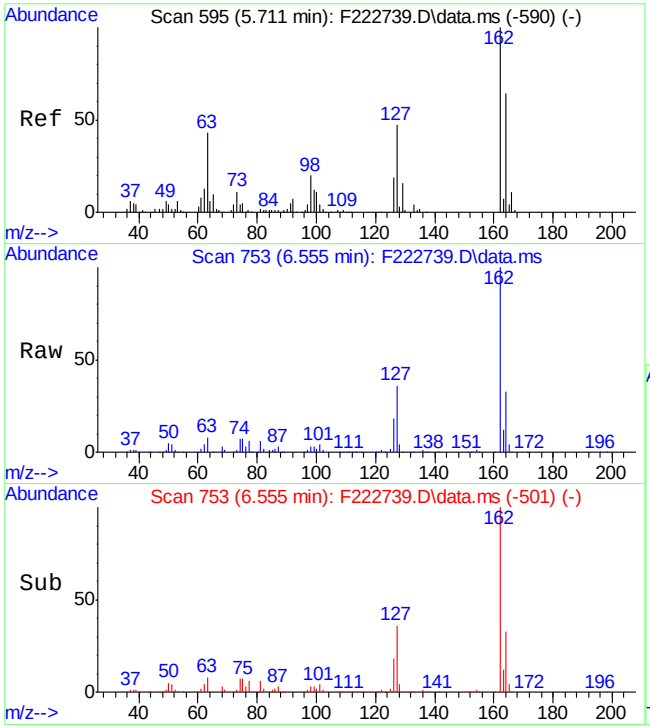


#50
2,4,5-Trichlorophenol
Concen: 50.00 ppm
RT: 6.410 min Scan# 726
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:196 Resp: 64842

Ion	Ratio	Lower	Upper
196	100		
198	97.0	67.0	127.0
200	31.2	1.2	61.2

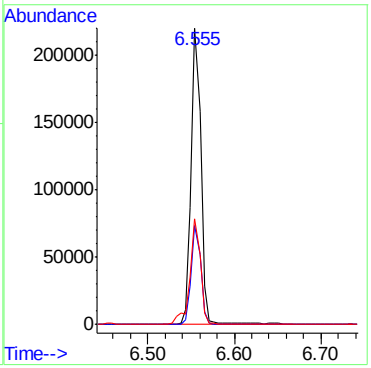


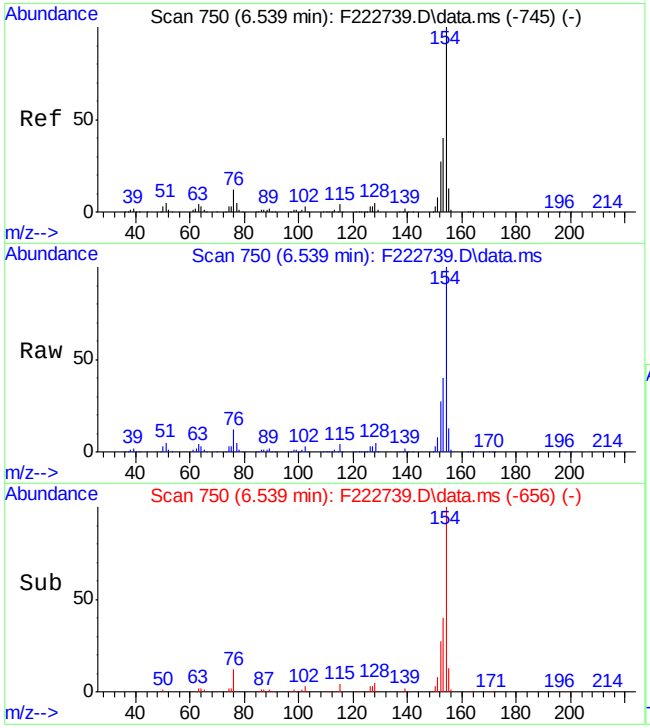


#52
2-Chloronaphthalene
Concen: 113.18 ppm m
RT: 6.555 min Scan# 753
Delta R.T. 0.844 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:162 Resp: 166961

Ion	Ratio	Lower	Upper
162	100		
164	33.4	34.3	94.3#
127	35.8	16.9	76.9

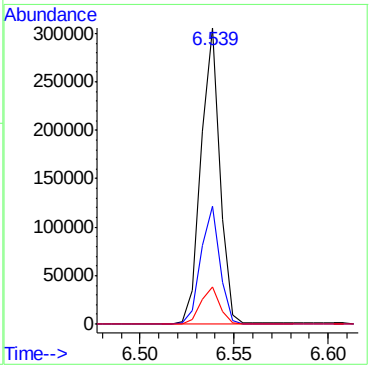


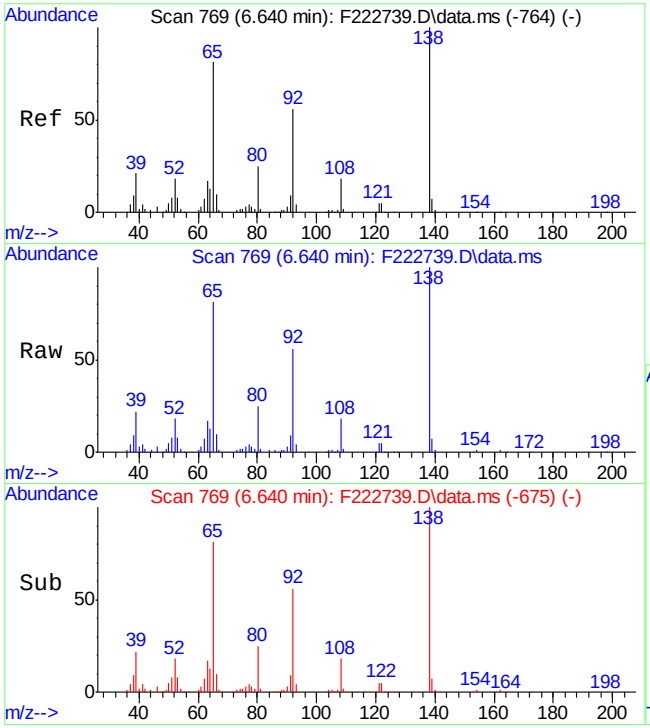


#53
Biphenyl
Concen: 50.00 ppm
RT: 6.539 min Scan# 750
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:154 Resp: 213468

Ion	Ratio	Lower	Upper
154	100		
153	39.8	9.8	69.8
155	12.7	0.0	42.7

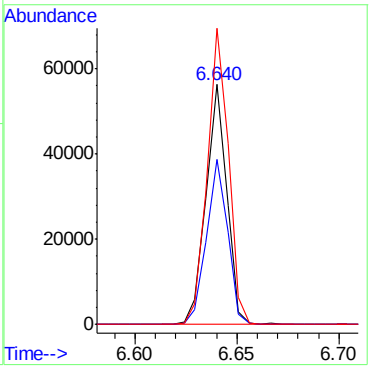


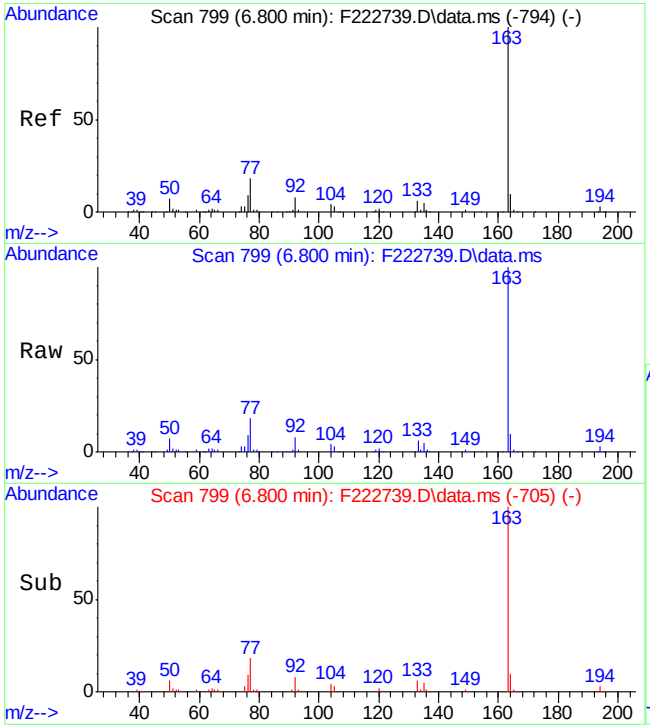


#54
2-Nitroaniline
Concen: 50.00 ppm
RT: 6.640 min Scan# 769
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 65 Resp: 39593

Ion	Ratio	Lower	Upper
65	100		
92	68.6	38.6	98.6
138	123.5	93.5	153.5

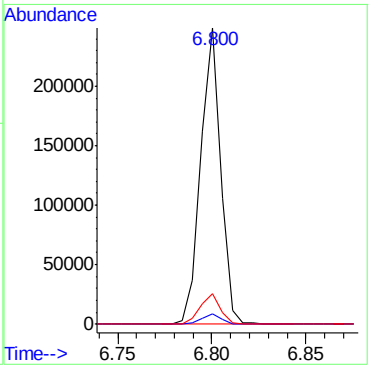


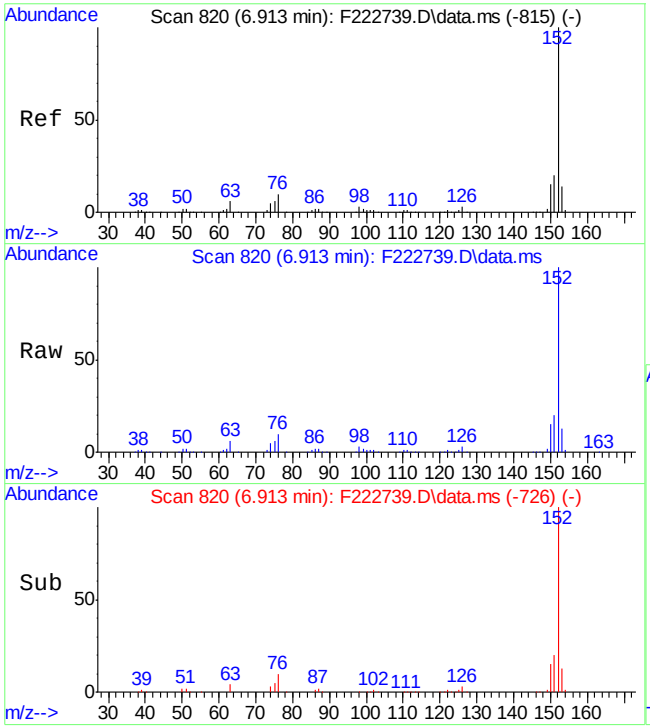


#55
Dimethylphthalate
Concen: 50.00 ppm
RT: 6.800 min Scan# 799
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:163 Resp: 182879

Ion	Ratio	Lower	Upper
163	100		
194	3.4	0.0	33.4
164	10.3	0.0	40.3

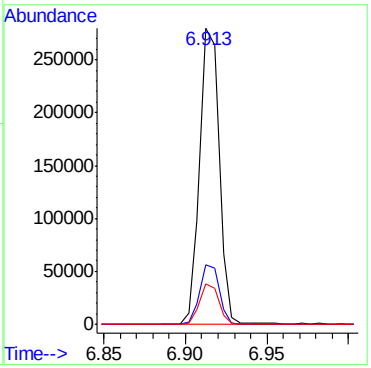


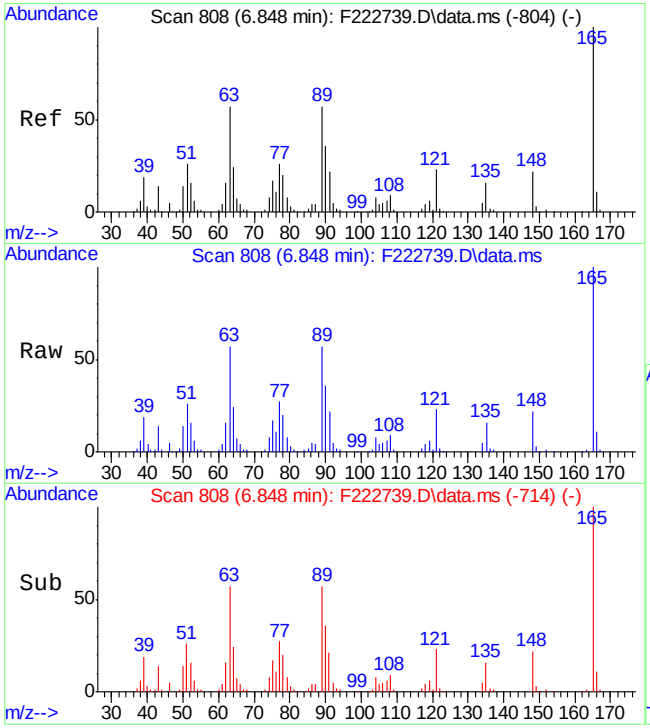


#56
Acenaphthylene
Concen: 50.00 ppm
RT: 6.913 min Scan# 820
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:152 Resp: 234912

Ion	Ratio	Lower	Upper
152	100		
151	19.9	0.0	49.9
153	13.5	0.0	43.5

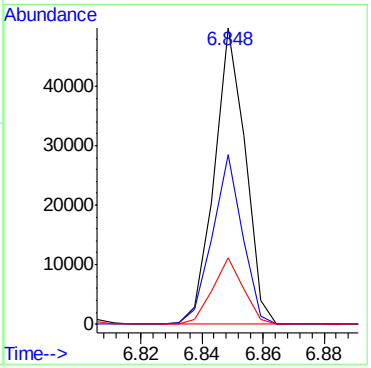


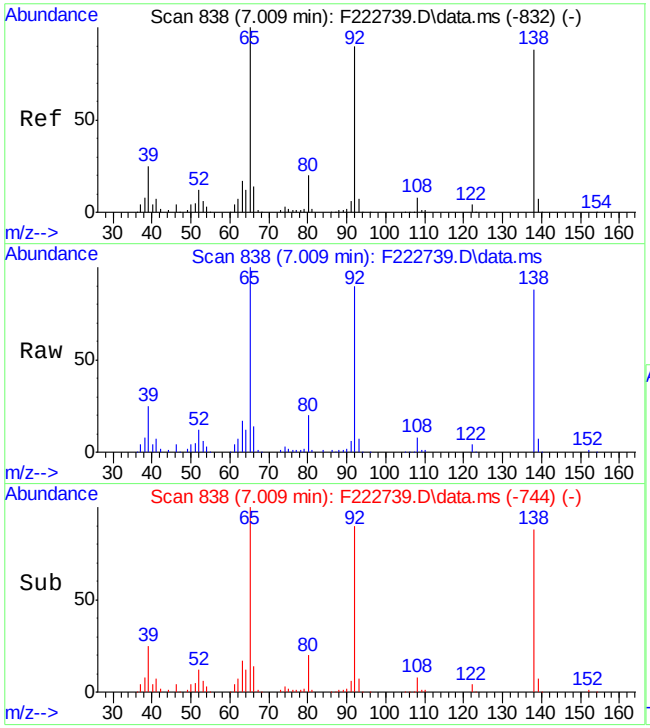


#57
2,6-Dinitrotoluene
Concen: 50.00 ppm
RT: 6.848 min Scan# 808
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:165 Resp: 34917

Ion	Ratio	Lower	Upper
165	100		
89	57.1	27.1	87.1
121	22.5	0.0	52.5

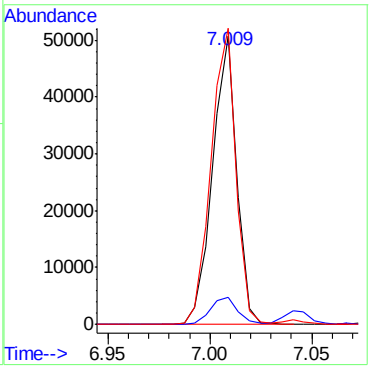


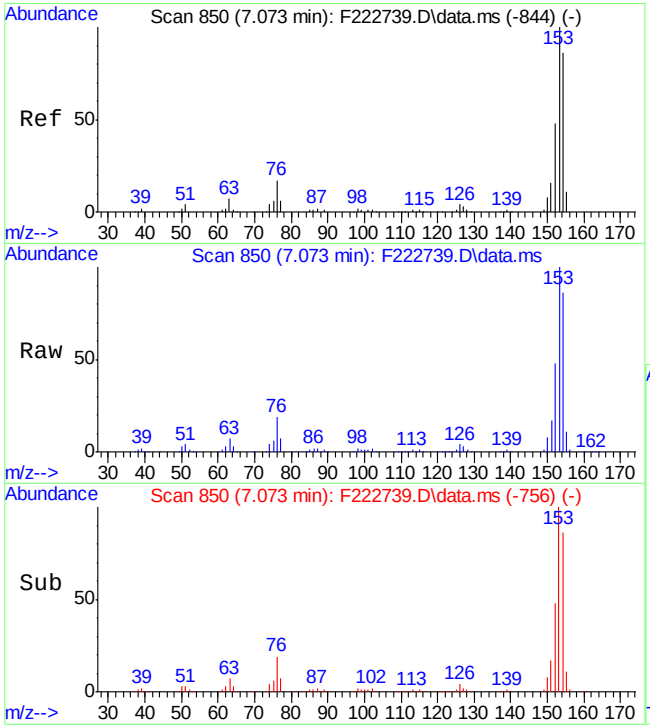


#58
3-Nitroaniline
Concen: 50.00 ppm
RT: 7.009 min Scan# 838
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:138 Resp: 41756

Ion	Ratio	Lower	Upper
138	100		
108	7.0	0.0	37.0
92	102.1	72.1	132.1

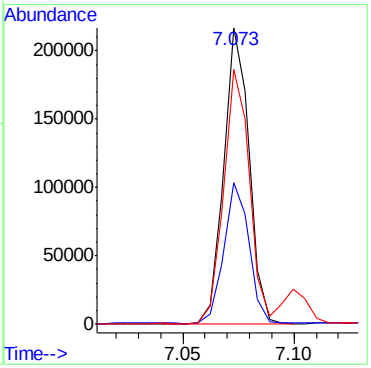


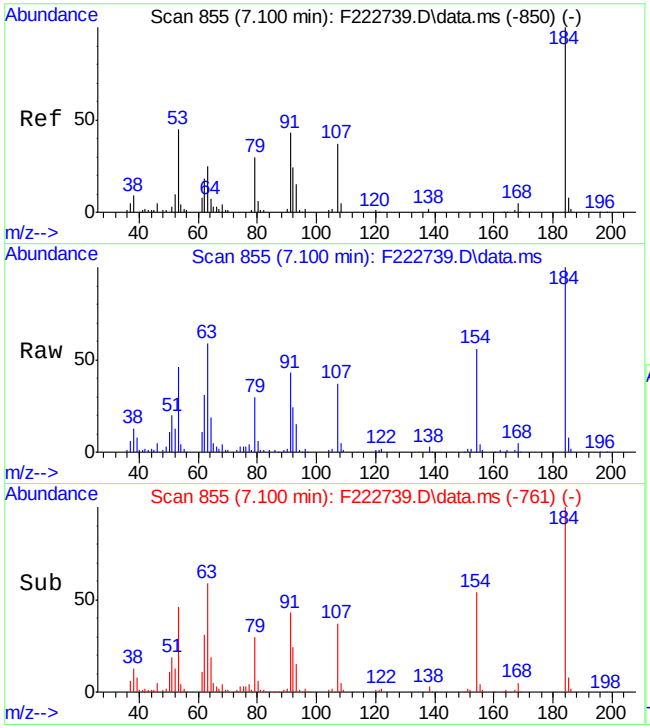


#59
Acenaphthene
Concen: 50.00 ppm
RT: 7.073 min Scan# 850
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:153 Resp: 172587

Ion	Ratio	Lower	Upper
153	100		
152	47.5	17.5	77.5
154	79.9	49.9	109.9

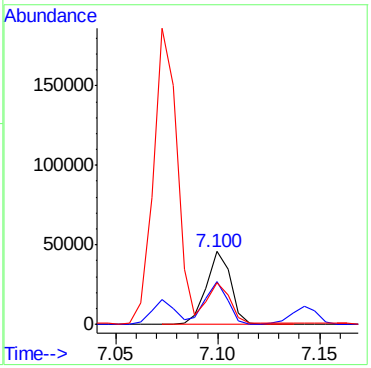


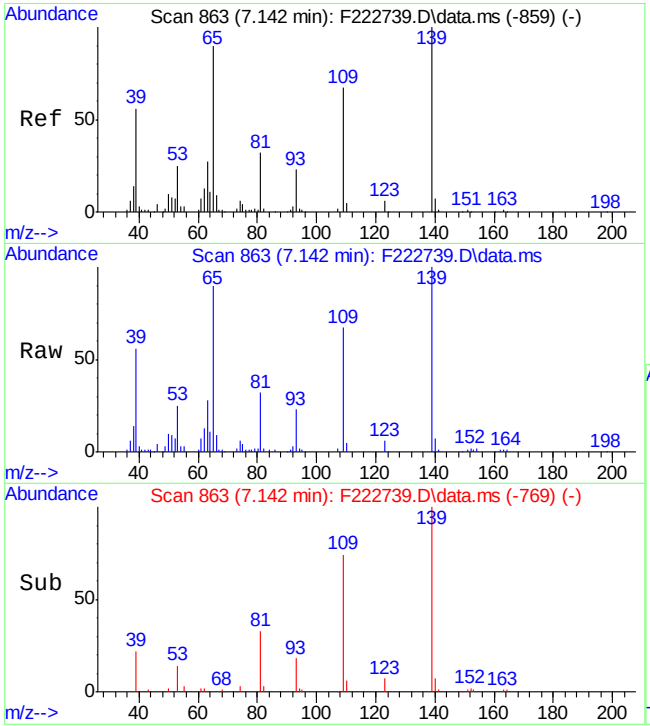


#60
2,4-Dinitrophenol
Concen: 100.00 ppm
RT: 7.100 min Scan# 855
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:184 Resp: 37442

Ion	Ratio	Lower	Upper
184	100		
63	34.1	4.1	64.1
154	0.0	0.0	30.0

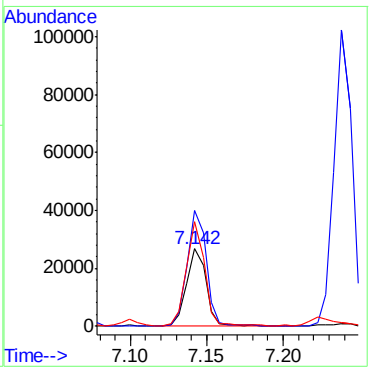


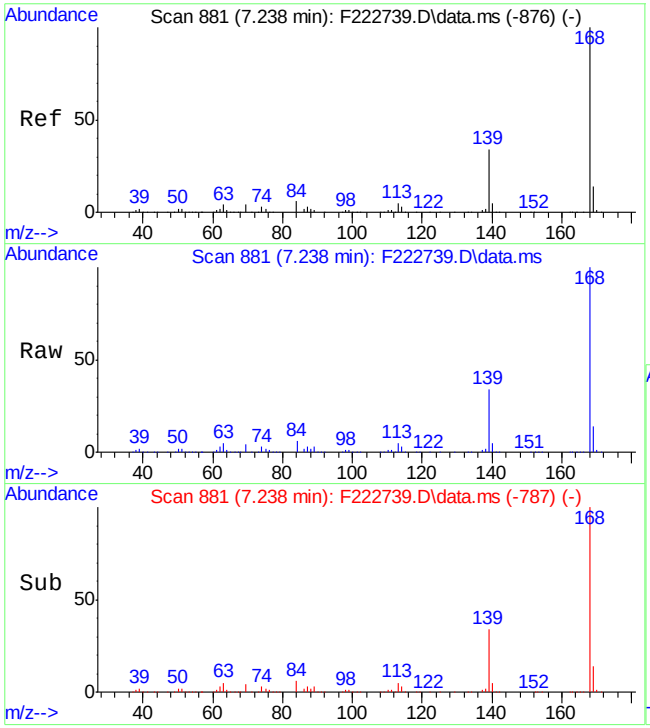


#61
4-Nitrophenol
Concen: 50.00 ppm
RT: 7.142 min Scan# 863
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:109 Resp: 23805

Ion	Ratio	Lower	Upper
109	100		
139	149.2	119.2	179.2
65	134.1	104.1	164.1

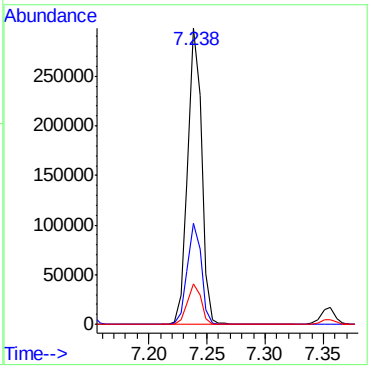


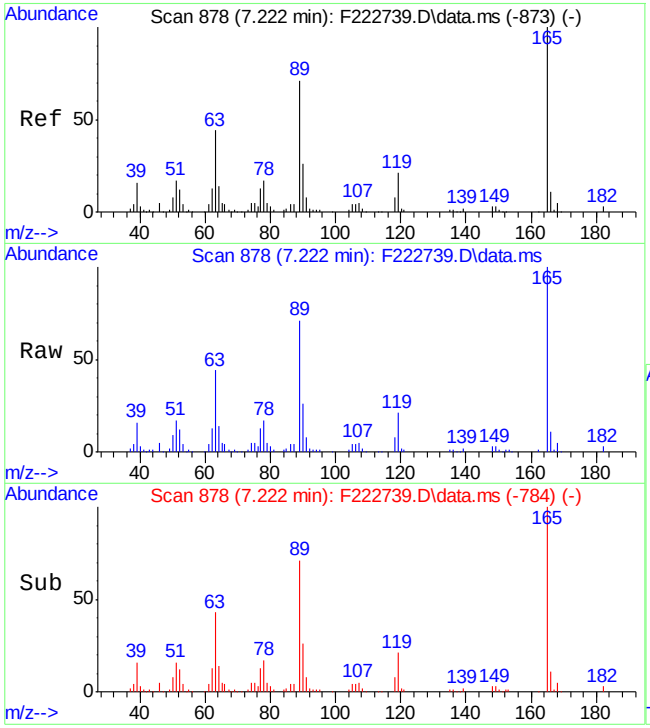


#62
Dibenzofuran
Concen: 50.00 ppm
RT: 7.238 min Scan# 881
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:168 Resp: 245031

Ion	Ratio	Lower	Upper
168	100		
139	34.3	4.3	64.3
169	13.5	0.0	43.5

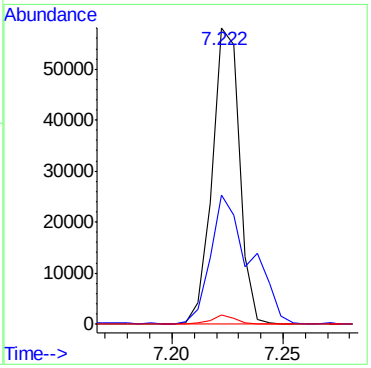


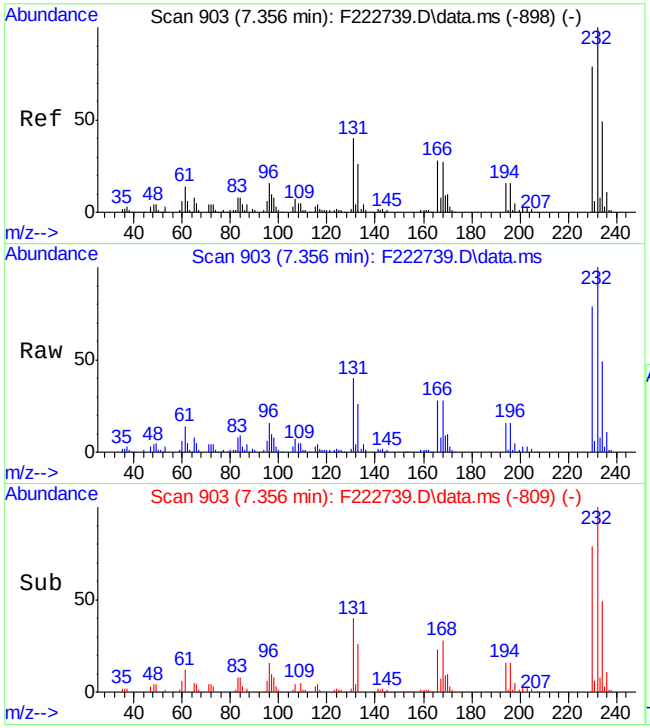


#63
2,4-Dinitrotoluene
Concen: 50.00 ppm
RT: 7.222 min Scan# 878
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:165 Resp: 49762

Ion	Ratio	Lower	Upper
165	100		
63	43.5	13.5	73.5
182	3.0	0.0	33.0

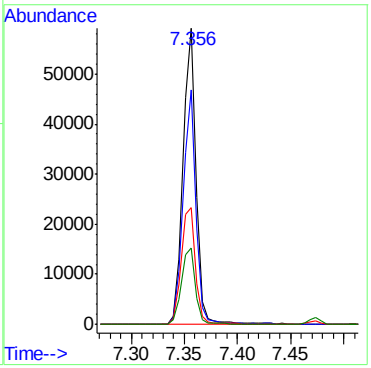


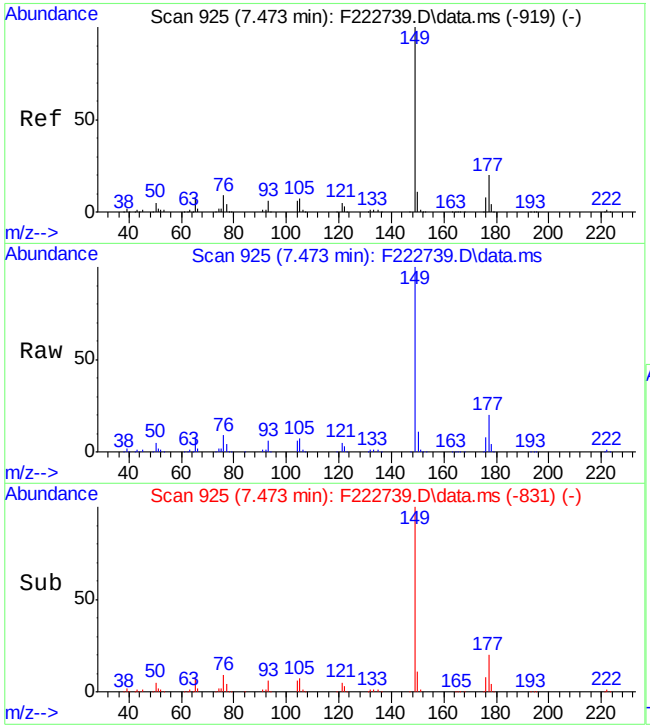


#64
2,3,4,6-Tetrachlorophenol
Concen: 50.00 ppm
RT: 7.356 min Scan# 903
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:232 Resp: 49350

Ion	Ratio	Lower	Upper
232	100		
230	79.1	49.1	109.1
131	39.6	9.6	69.6
133	25.9	0.0	55.9

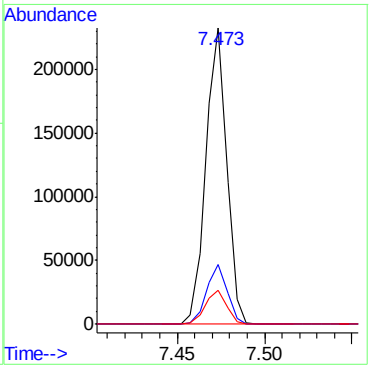


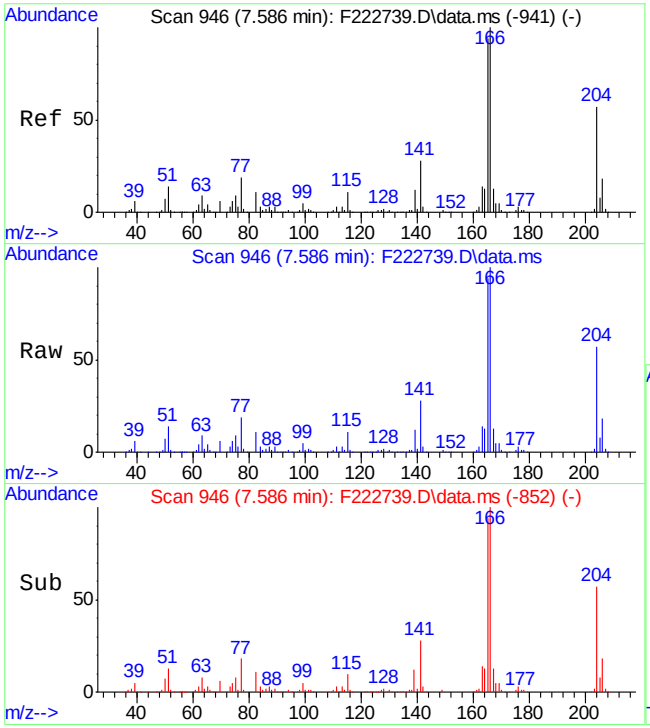


#65
Diethylphthalate
Concen: 50.00 ppm
RT: 7.473 min Scan# 925
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:149 Resp: 192628

Ion	Ratio	Lower	Upper
149	100		
177	20.0	0.0	50.0
150	11.3	0.0	41.3

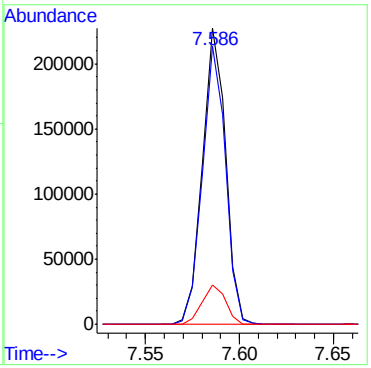


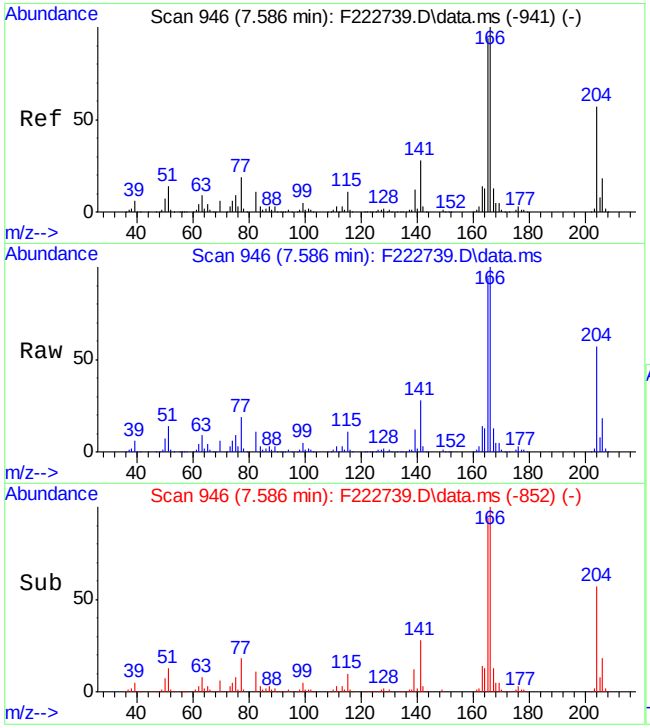


#66
Fluorene
Concen: 50.00 ppm
RT: 7.586 min Scan# 946
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:166 Resp: 194847

Ion	Ratio	Lower	Upper
166	100		
165	93.9	63.9	123.9
167	13.3	0.0	43.3

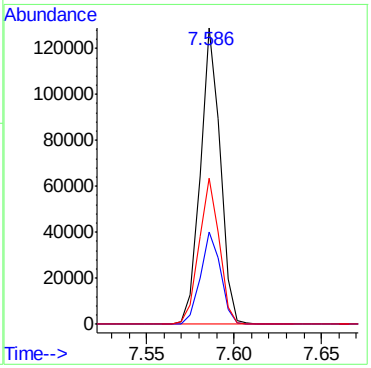


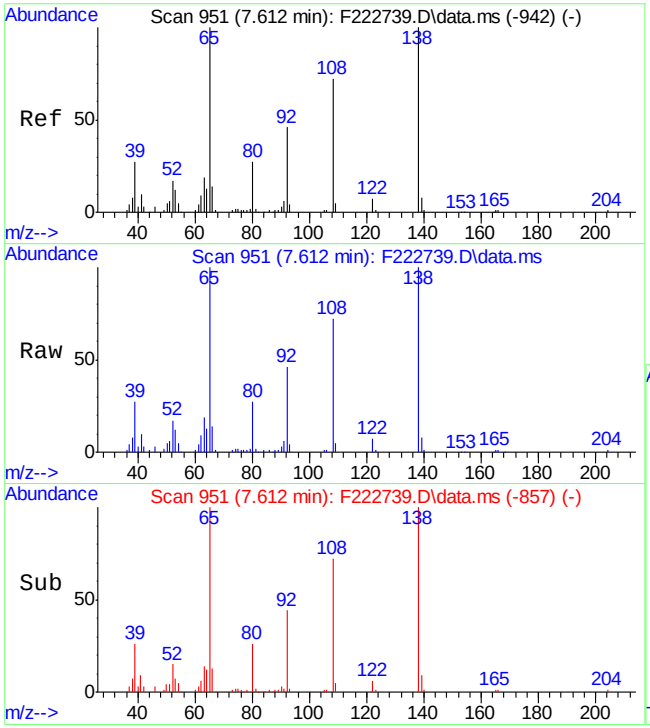


#67
4-Chlorophenyl-phenylether
Concen: 50.00 ppm
RT: 7.586 min Scan# 946
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:204 Resp: 102184

Ion	Ratio	Lower	Upper
204	100		
206	31.1	1.1	61.1
141	49.4	19.4	79.4

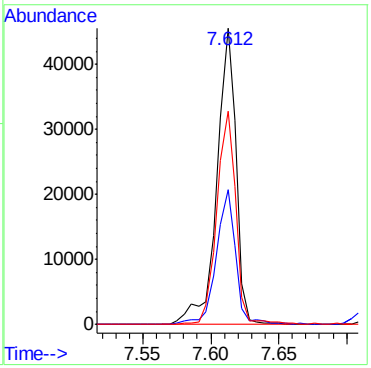


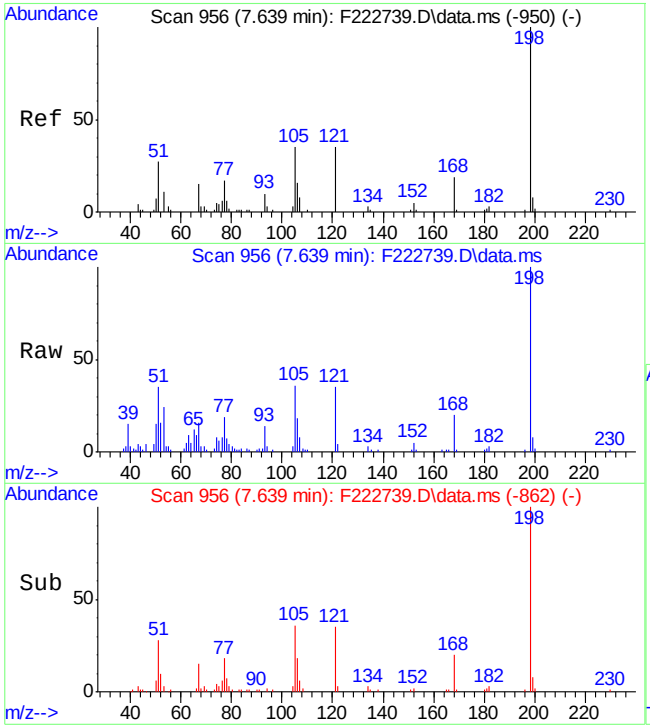


#68
4-Nitroaniline
Concen: 50.00 ppm
RT: 7.612 min Scan# 951
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:138 Resp: 45511

Ion	Ratio	Lower	Upper
138	100		
92	45.6	15.6	75.6
108	72.0	42.0	102.0

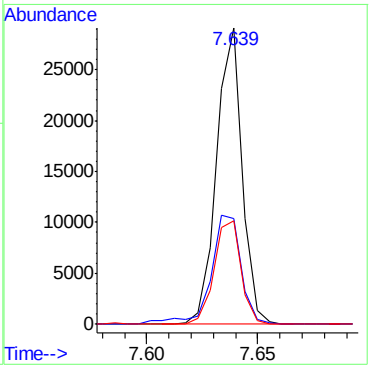


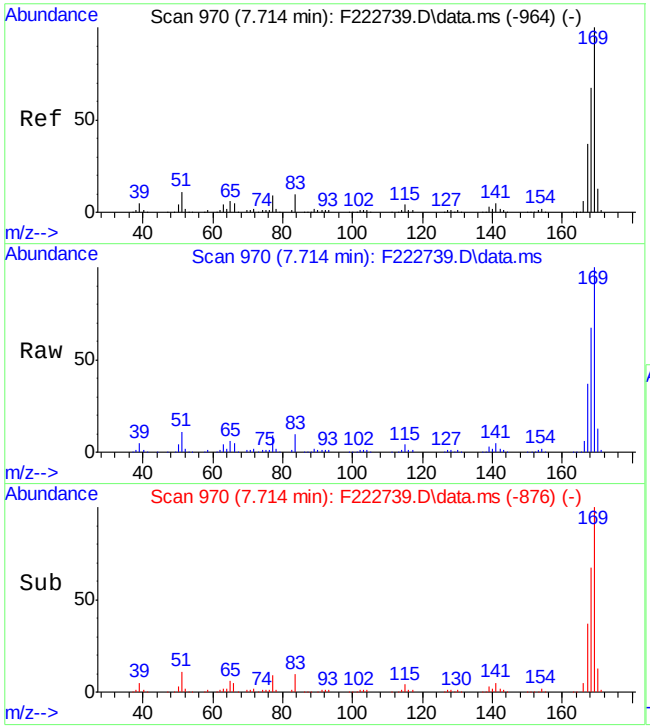


#70
4,6-Dinitro-2-methylphenol
Concen: 50.00 ppm
RT: 7.639 min Scan# 956
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:198 Resp: 23440

Ion	Ratio	Lower	Upper
198	100		
105	35.1	5.1	65.1
121	34.9	4.9	64.9

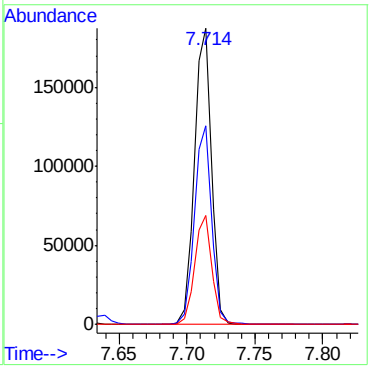


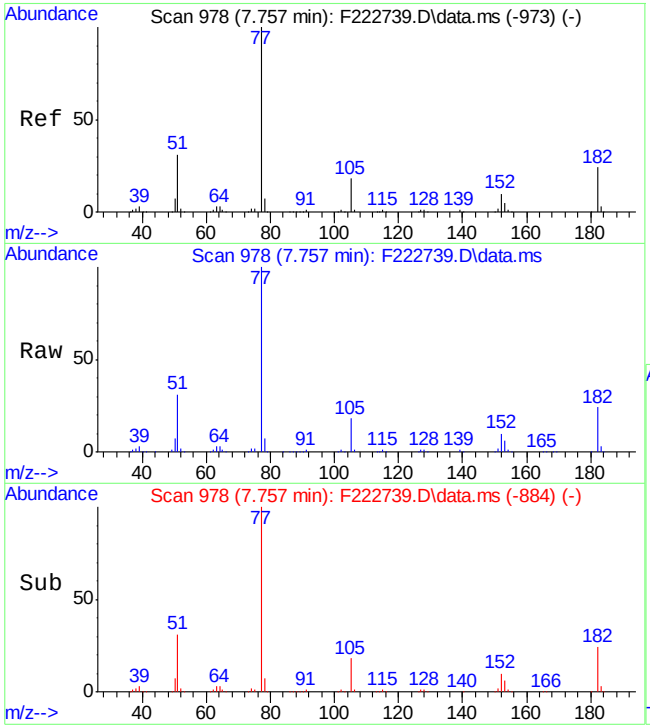


#71
n-Nitrosodiphenylamine
Concen: 50.00 ppm
RT: 7.714 min Scan# 970
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:169 Resp: 162648

Ion	Ratio	Lower	Upper
169	100		
168	66.8	36.8	96.8
167	36.9	6.9	66.9

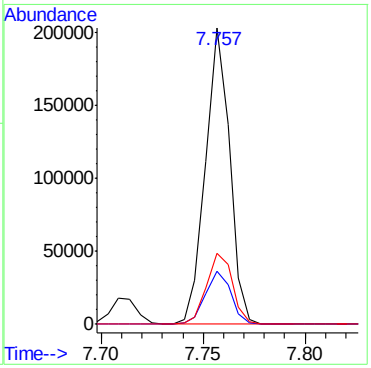


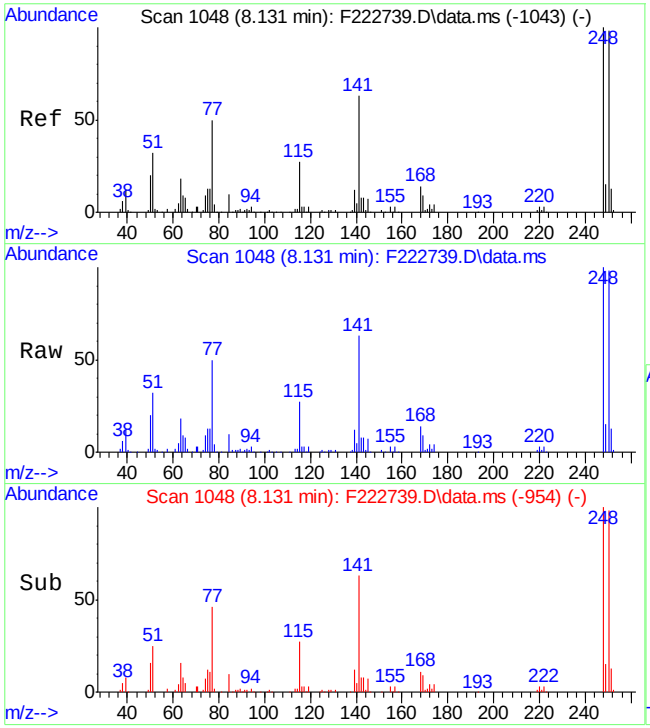


#72
1,2-Diphenylhydrazine
Concen: 50.00 ppm
RT: 7.757 min Scan# 978
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 77 Resp: 167198

Ion	Ratio	Lower	Upper
77	100		
105	18.0	0.0	48.0
182	24.0	0.0	54.0

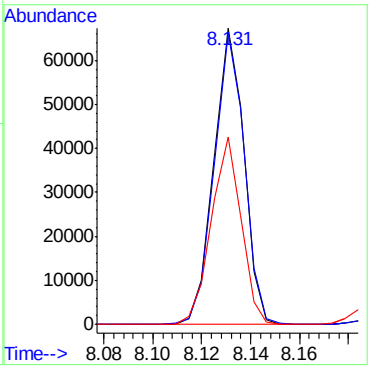


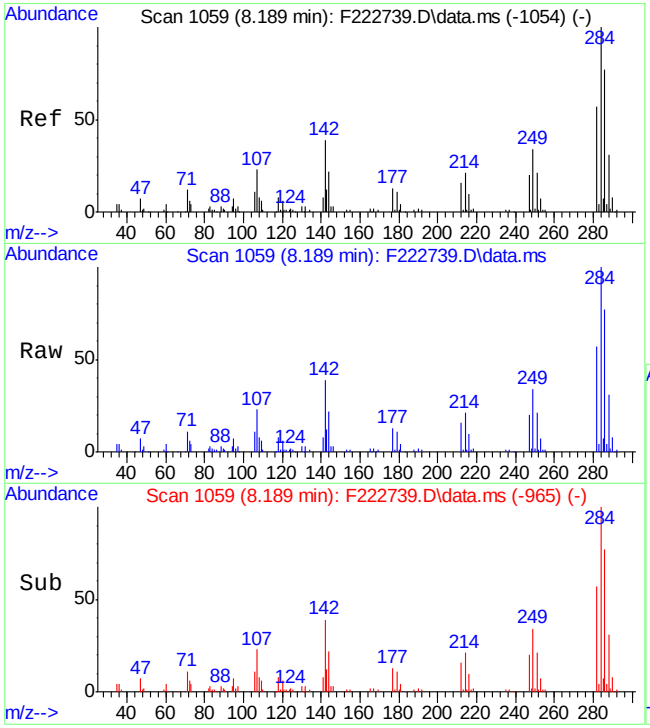


#74
4-Bromophenyl-phenylether
Concen: 50.00 ppm
RT: 8.131 min Scan# 1048
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:248 Resp: 57905

Ion	Ratio	Lower	Upper
248	100		
250	98.5	68.5	128.5
141	63.3	33.3	93.3

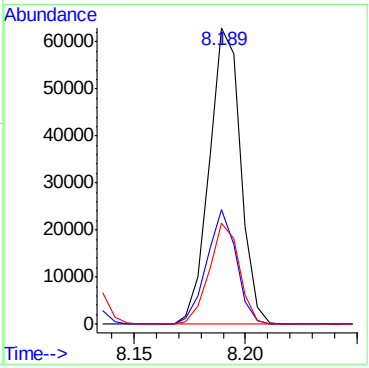


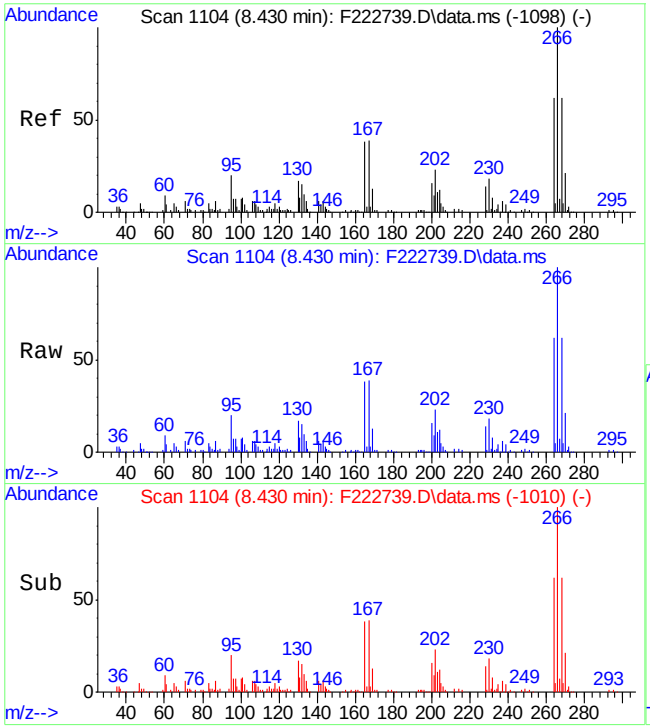


#75
Hexachlorobenzene
Concen: 50.00 ppm
RT: 8.189 min Scan# 1059
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:284 Resp: 61848

Ion	Ratio	Lower	Upper
284	100		
142	38.8	8.8	68.8
249	34.3	4.3	64.3

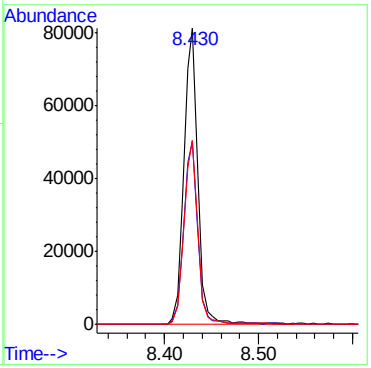


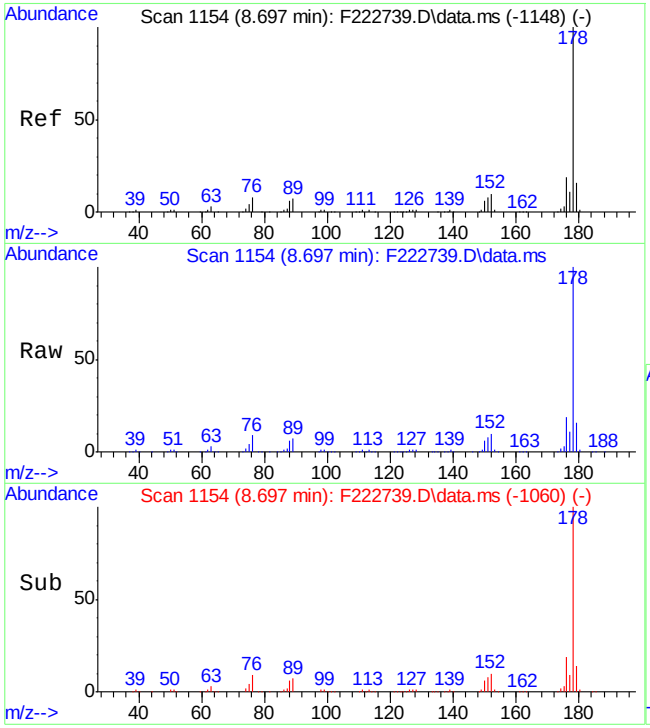


#76
Pentachlorophenol
Concen: 100.00 ppm
RT: 8.430 min Scan# 1104
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:266 Resp: 82960

Ion	Ratio	Lower	Upper
266	100		
264	61.7	31.7	91.7
268	62.1	32.1	92.1

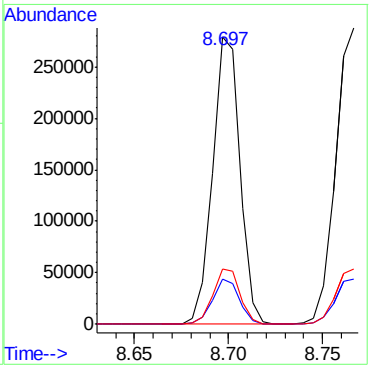


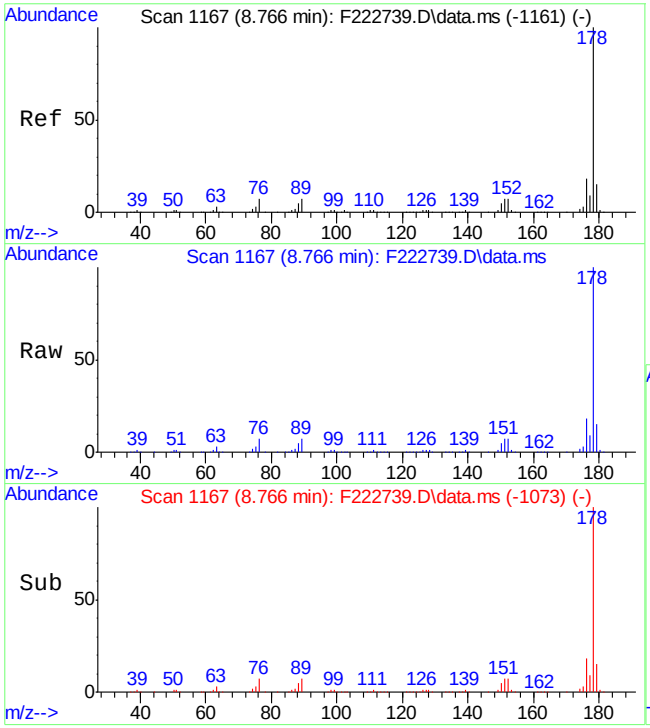


#77
Phenanthrene
Concen: 50.00 ppm
RT: 8.697 min Scan# 1154
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:178 Resp: 280176

Ion	Ratio	Lower	Upper
178	100		
179	15.6	0.0	45.6
176	19.0	0.0	49.0

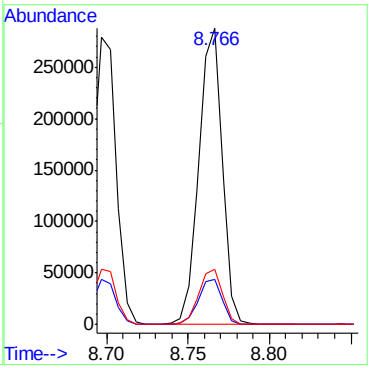


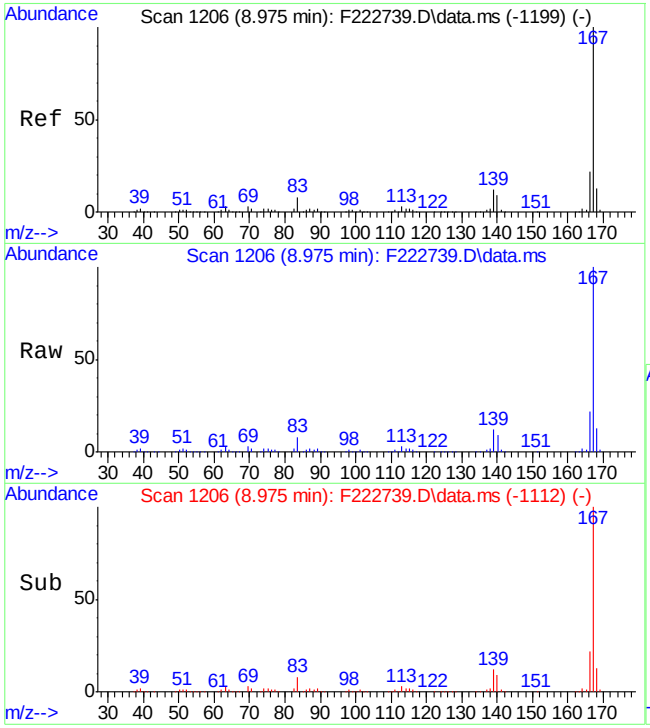


#78
Anthracene
Concen: 50.00 ppm
RT: 8.766 min Scan# 1167
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:178 Resp: 286170

Ion	Ratio	Lower	Upper
178	100		
179	15.1	0.0	45.1
176	18.4	0.0	48.4

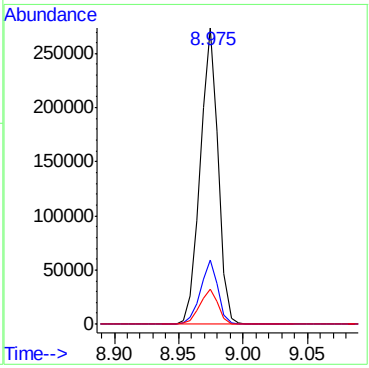


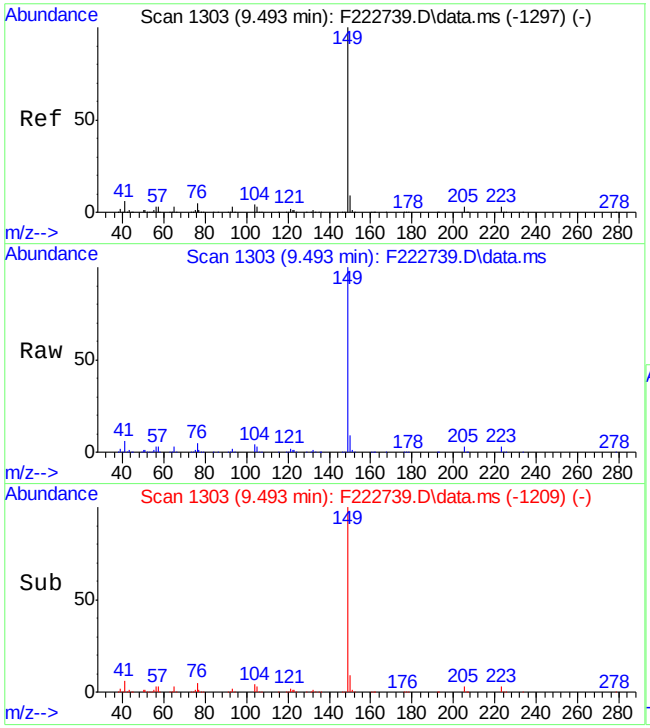


#79
Carbazole
Concen: 50.00 ppm
RT: 8.975 min Scan# 1206
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:167 Resp: 267287

Ion	Ratio	Lower	Upper
167	100		
166	21.7	0.0	51.7
139	11.9	0.0	41.9

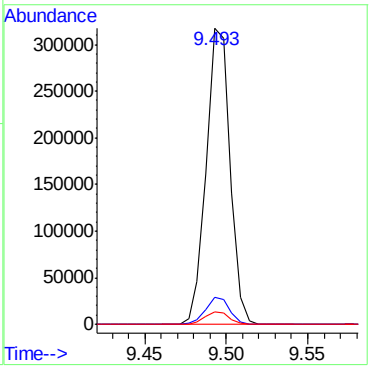


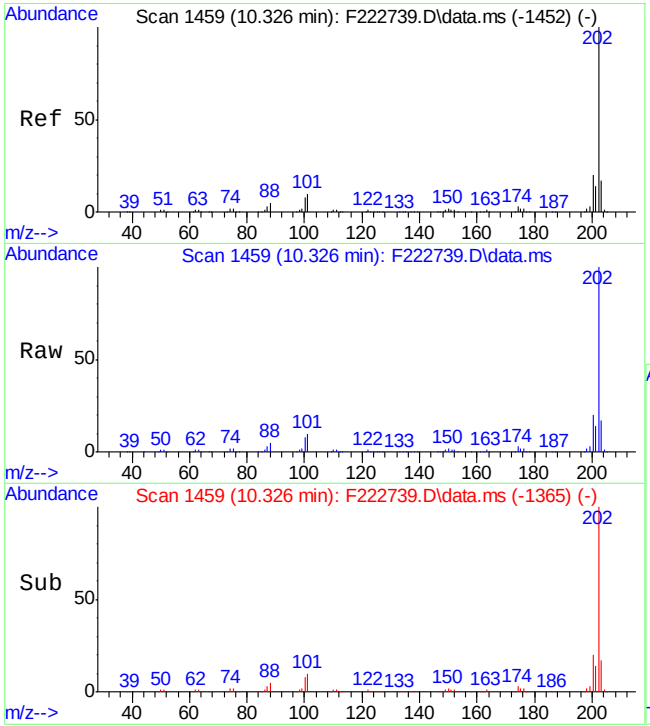


#80
Di-n-butylphthalate
Concen: 50.00 ppm
RT: 9.493 min Scan# 1303
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:149 Resp: 324975

Ion	Ratio	Lower	Upper
149	100		
150	9.1	0.0	39.1
104	4.4	0.0	34.4

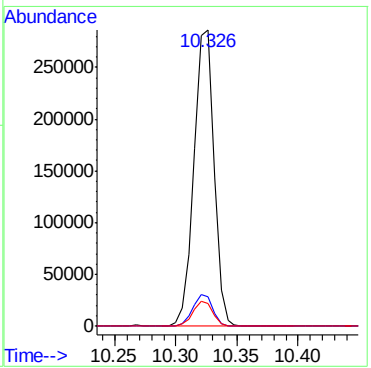


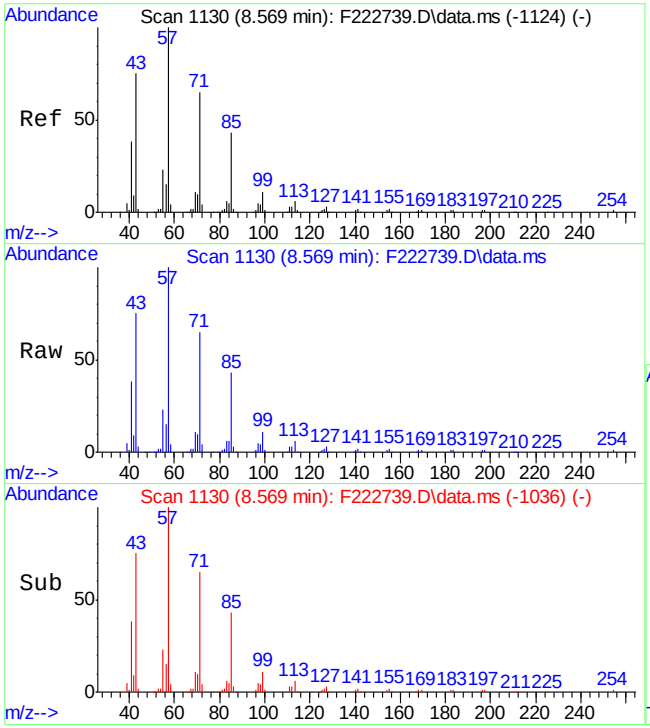


#81
Fluoranthene
Concen: 50.00 ppm
RT: 10.326 min Scan# 1459
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:202 Resp: 325263

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	39.8
100	7.7	0.0	37.7

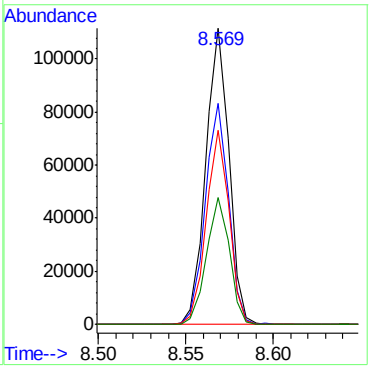


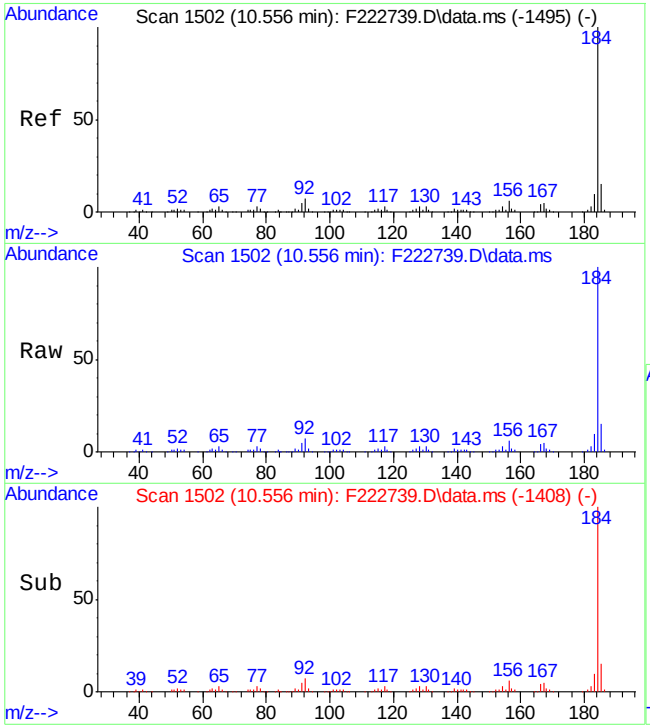


#82
Octadecane
Concen: 50.00 ppm
RT: 8.569 min Scan# 1130
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion: 57 Resp: 102379

Ion	Ratio	Lower	Upper
57	100		
43	74.5	44.5	104.5
71	65.4	35.4	95.4
85	42.7	12.7	72.7

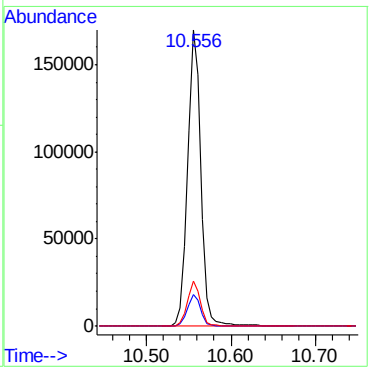


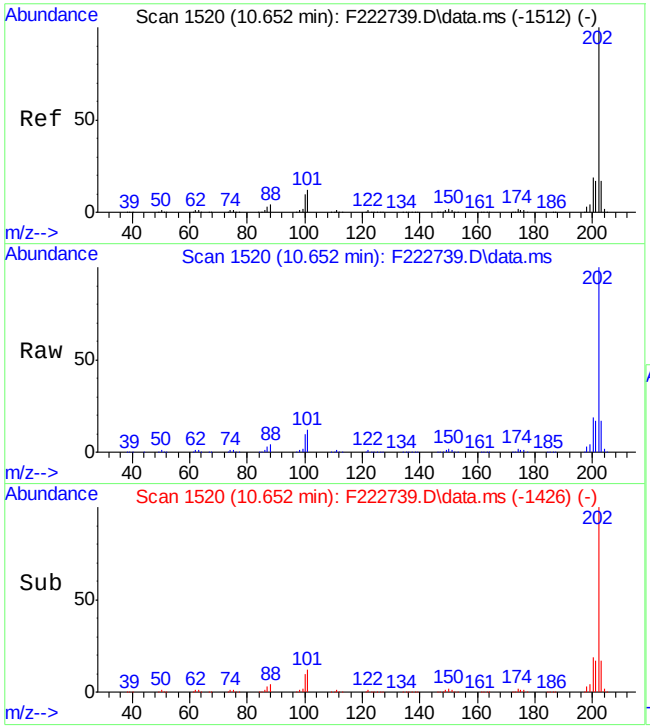


#84
Benzidine
Concen: 50.00 ppm
RT: 10.556 min Scan# 1502
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:184 Resp: 186016

Ion	Ratio	Lower	Upper
184	100		
183	10.5	0.0	60.5
185	15.2	0.0	65.2

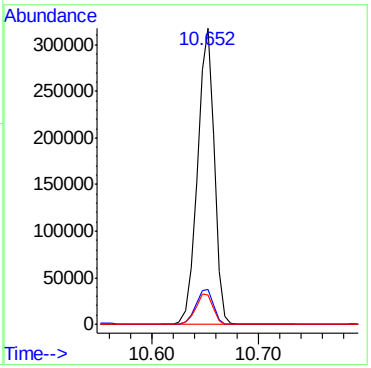


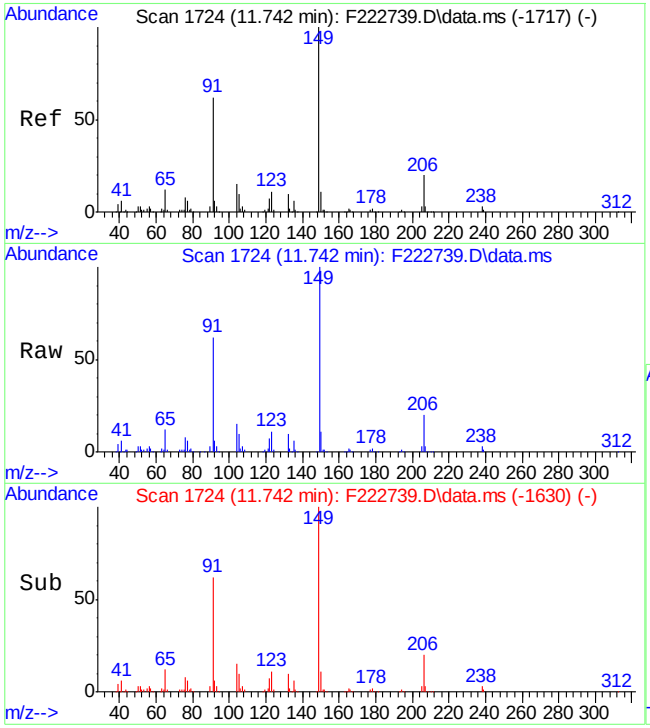


#85
Pyrene
Concen: 50.00 ppm
RT: 10.652 min Scan# 1520
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:202 Resp: 350359

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	41.9
100	9.8	0.0	39.8

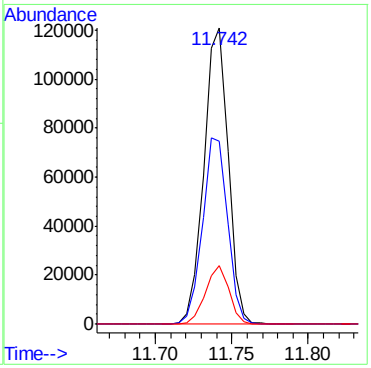


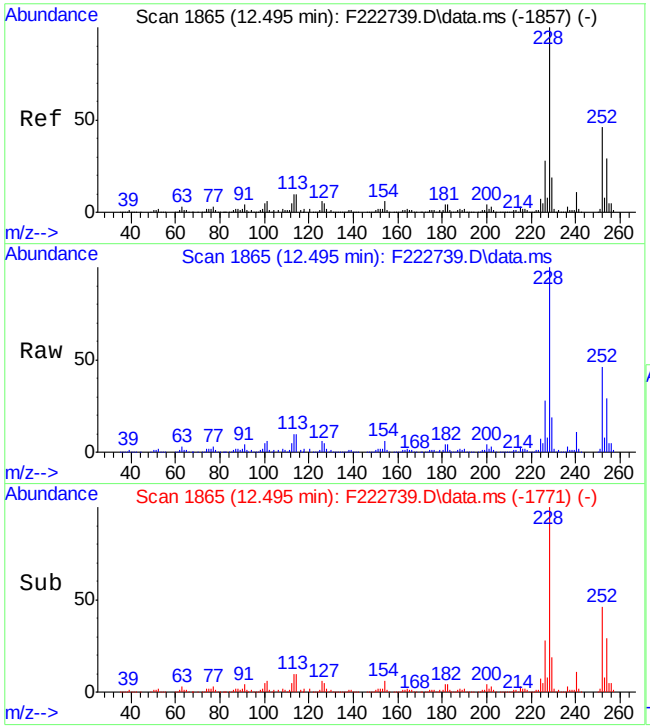


#87
Butylbenzylphthalate
Concen: 50.00 ppm
RT: 11.742 min Scan# 1724
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:149 Resp: 132958

Ion	Ratio	Lower	Upper
149	100		
91	61.6	31.6	91.6
206	19.8	0.0	49.8

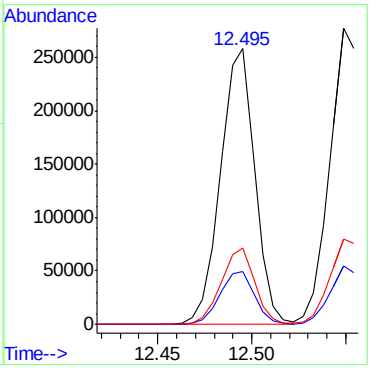


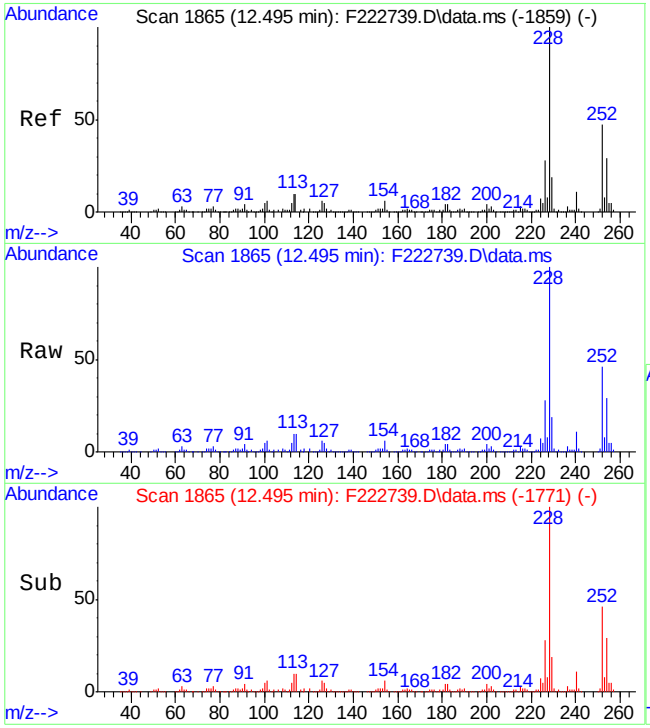


#88
Benzo[a]anthracene
Concen: 50.00 ppm
RT: 12.495 min Scan# 1865
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:228 Resp: 326259

Ion	Ratio	Lower	Upper
228	100		
229	19.1	0.0	49.1
226	27.6	0.0	57.6

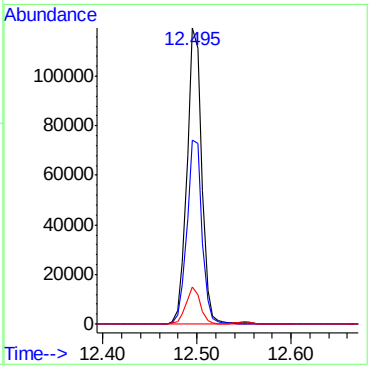


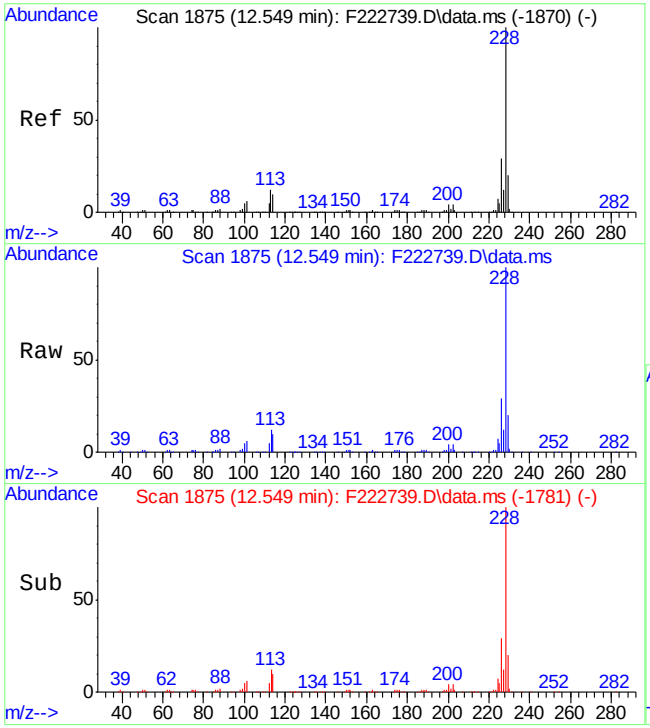


#89
3,3'-Dichlorobenzidine
Concen: 50.00 ppm
RT: 12.495 min Scan# 1865
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:252 Resp: 130541

Ion	Ratio	Lower	Upper
252	100		
254	62.3	32.3	92.3
126	12.5	0.0	42.5

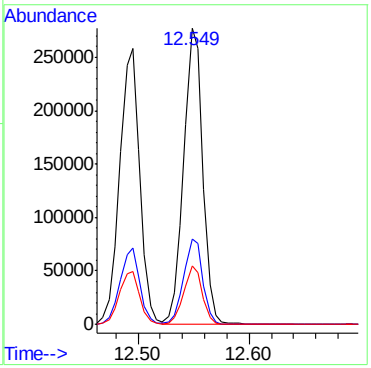


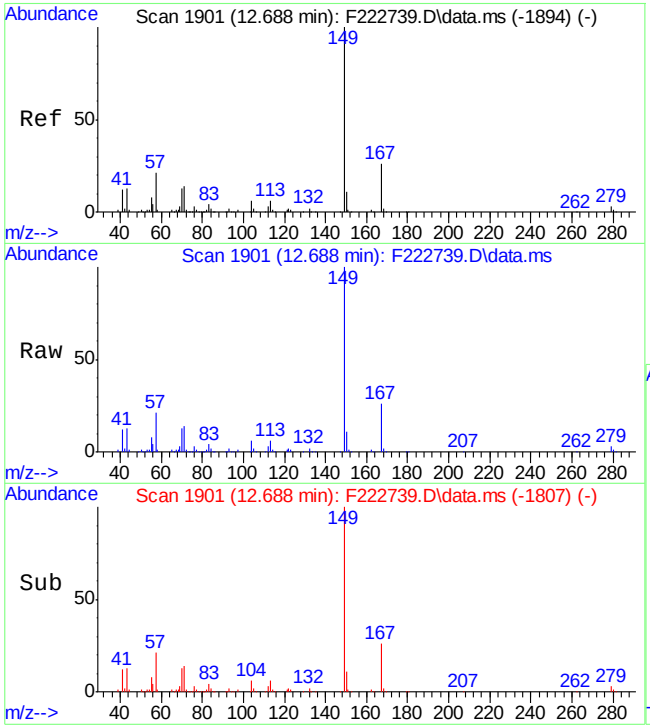


#90
Chrysene
Concen: 50.00 ppm
RT: 12.549 min Scan# 1875
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:228 Resp: 330493

Ion	Ratio	Lower	Upper
228	100		
226	28.9	0.0	58.9
229	19.6	0.0	49.6

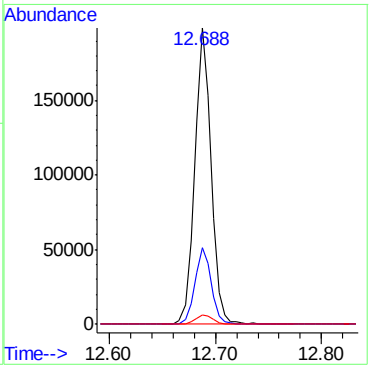


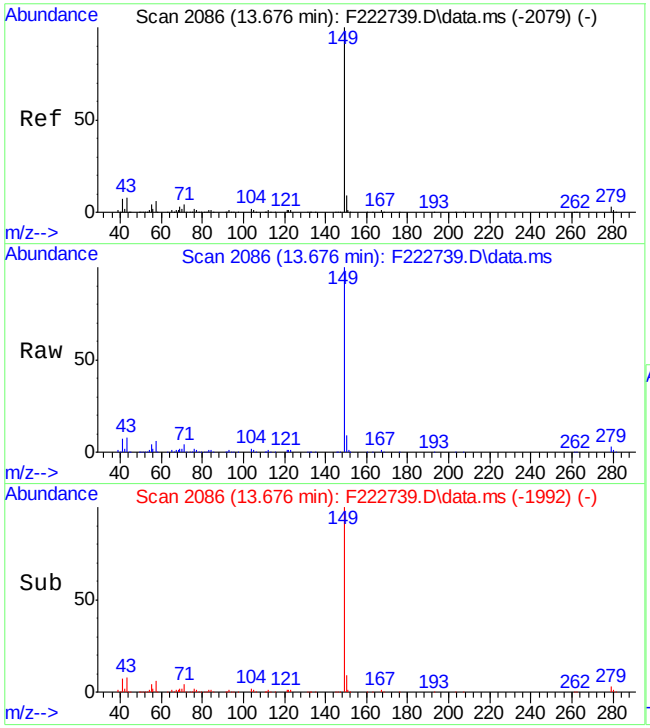


#91
bis(2-Ethylhexyl)phthalate
Concen: 50.00 ppm
RT: 12.688 min Scan# 1901
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:149 Resp: 212707

Ion	Ratio	Lower	Upper
149	100		
167	25.6	0.0	55.6
279	3.2	0.0	33.2

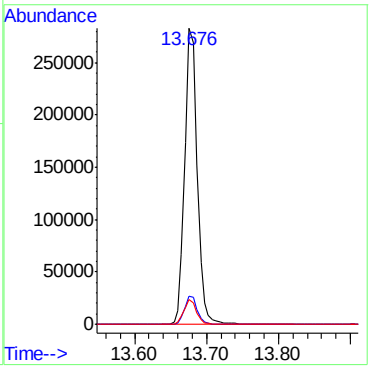


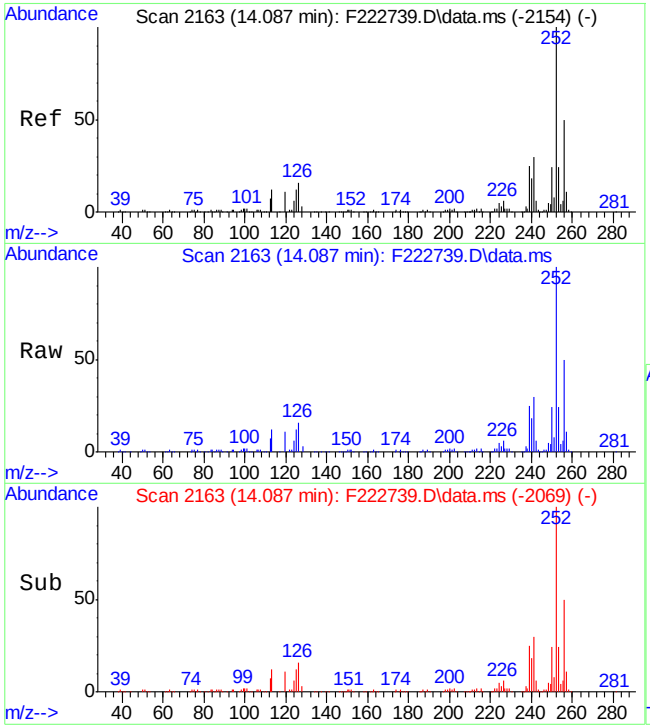


#93
Di-n-octylphthalate
Concen: 50.00 ppm
RT: 13.676 min Scan# 2086
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:149 Resp: 341838

Ion	Ratio	Lower	Upper
149	100		
150	9.4	0.0	39.4
43	8.5	0.0	38.5

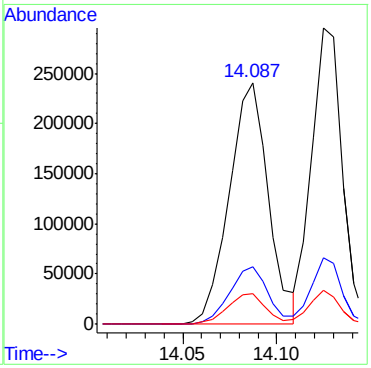


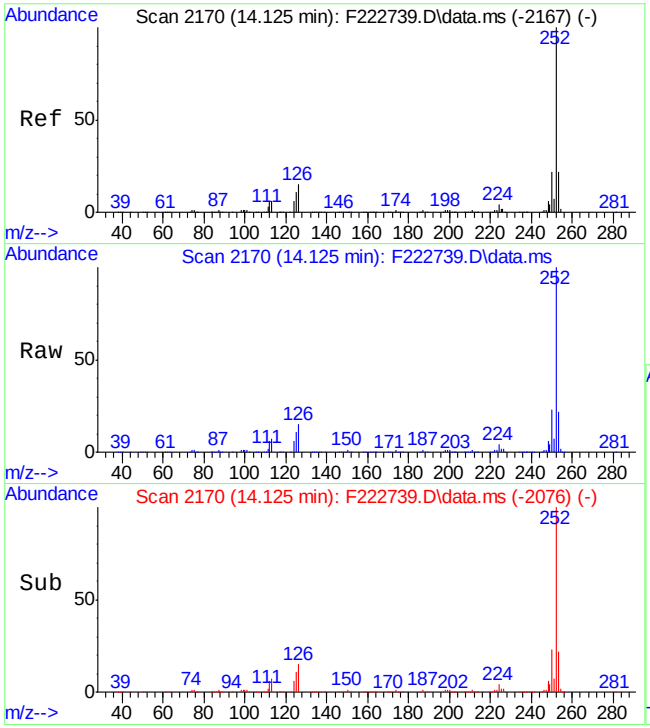


#94
Benzo[b]fluoranthene
Concen: 50.00 ppm
RT: 14.087 min Scan# 2163
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:252 Resp: 347906

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	53.7
125	12.3	0.0	42.3

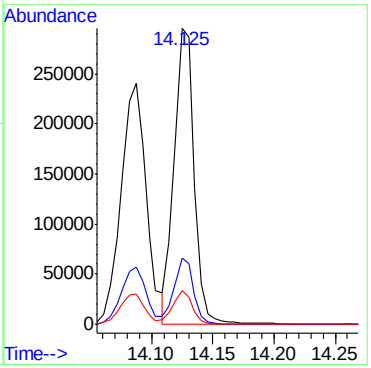


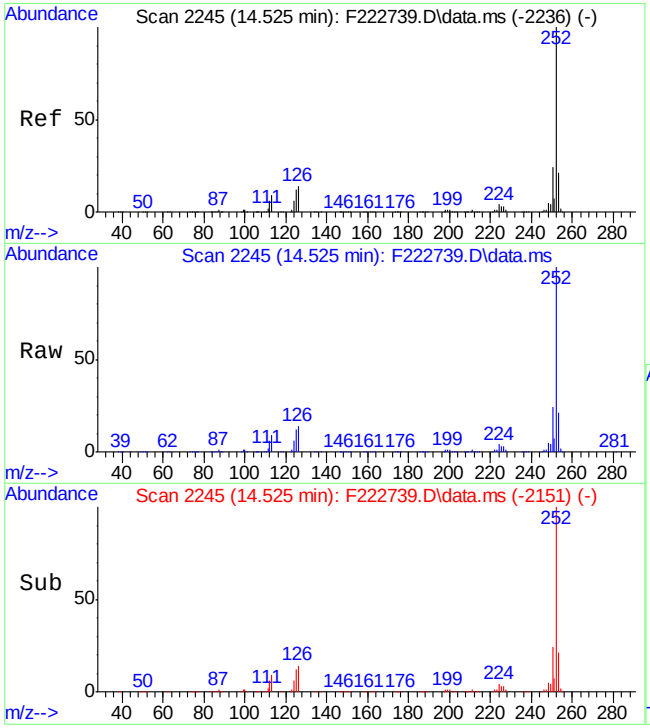


#95
Benzo[k]fluoranthene
Concen: 50.00 ppm
RT: 14.125 min Scan# 2170
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:252 Resp: 338454

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	52.2
125	11.3	0.0	41.3

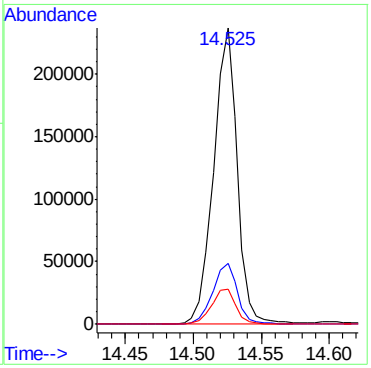


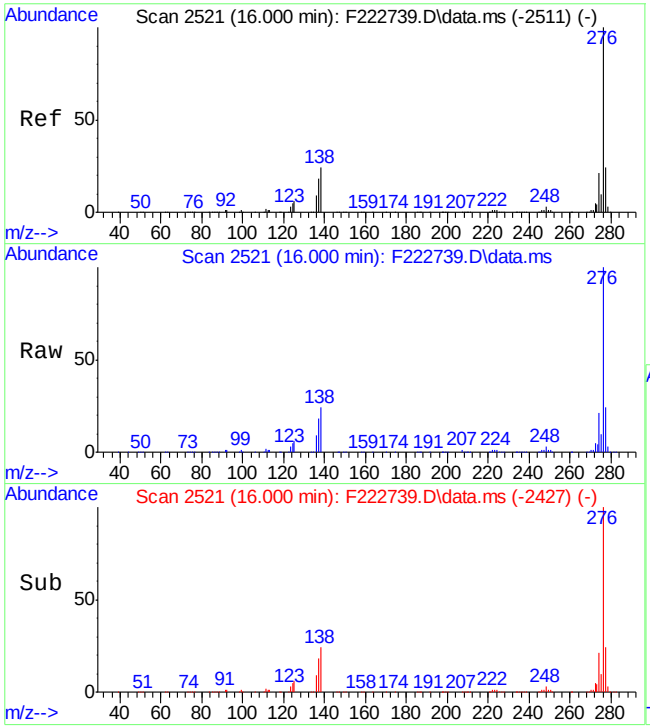


#96
Benzo[a]pyrene
Concen: 50.00 ppm
RT: 14.525 min Scan# 2245
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:252 Resp: 288432

Ion	Ratio	Lower	Upper
252	100		
253	20.6	0.0	50.6
125	11.7	0.0	41.7

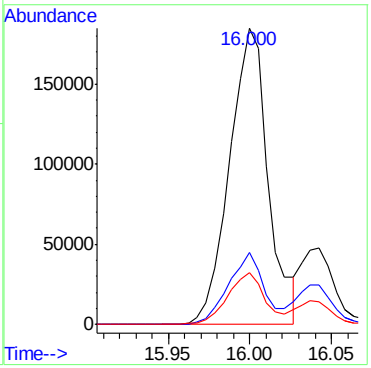


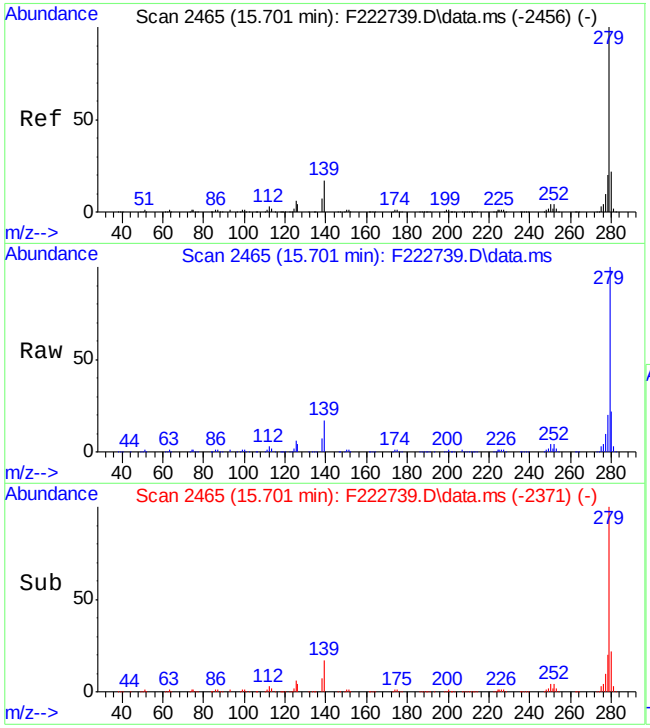


#97
Indeno[1,2,3-cd]pyrene
Concen: 50.00 ppm
RT: 16.000 min Scan# 2521
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:276 Resp: 304730

Ion	Ratio	Lower	Upper
276	100		
138	22.1	0.0	52.1
137	16.5	0.0	46.5

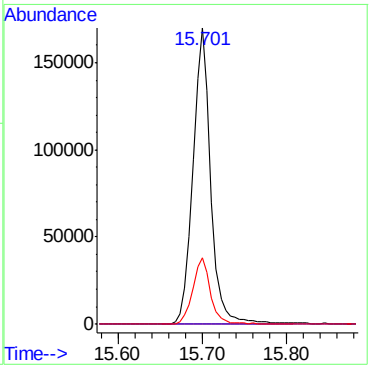


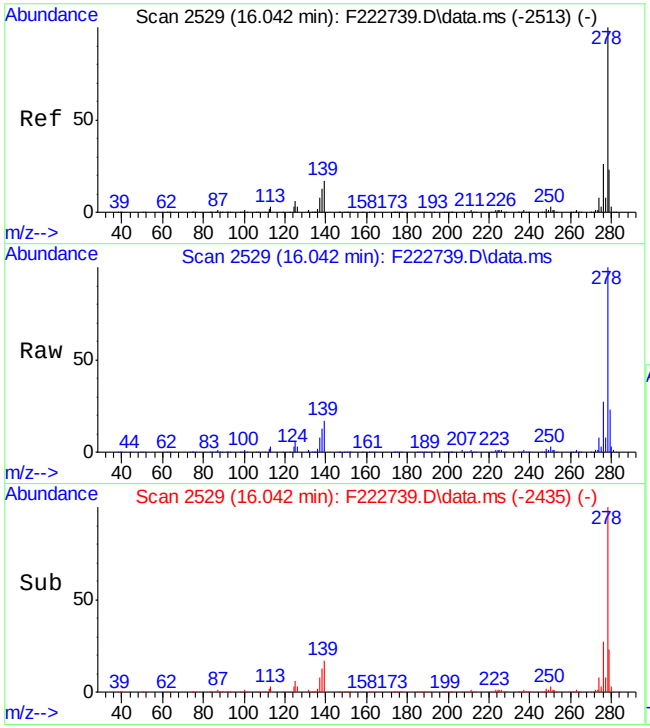


#98
Dibenz(a,h)acridine
Concen: 50.00 ppm
RT: 15.701 min Scan# 2465
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:279 Resp: 245923

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.3	0.0	52.3

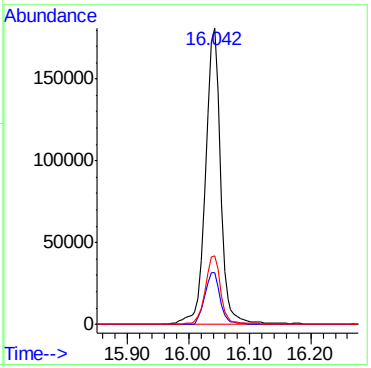


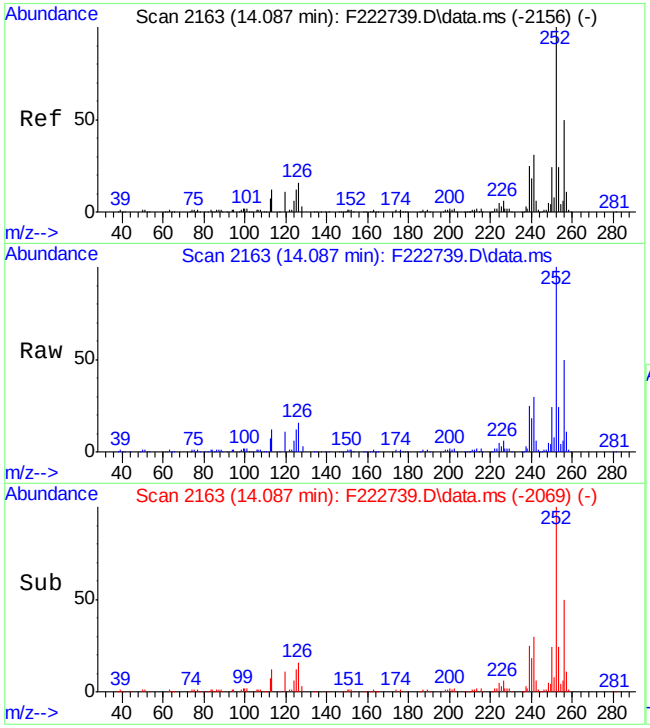


#99
Dibenz[a,h]anthracene
Concen: 50.00 ppm
RT: 16.042 min Scan# 2529
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:278 Resp: 305279

Ion	Ratio	Lower	Upper
278	100		
139	17.4	0.0	47.4
279	23.3	0.0	53.3

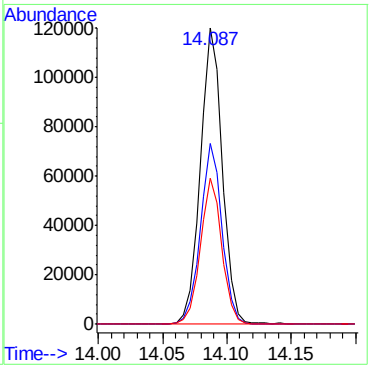


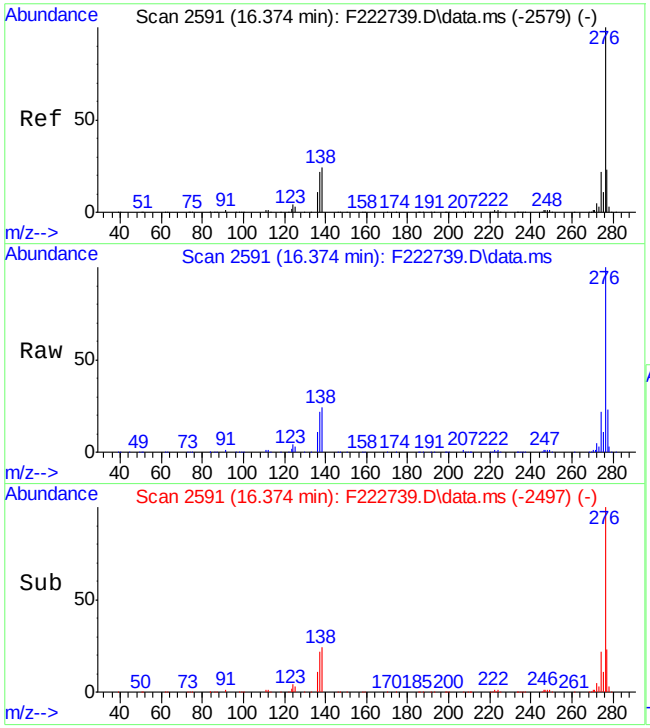


#100
7,12-Dimethylbenz(a)anthracene
Concen: 50.00 ppm
RT: 14.087 min Scan# 2163
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:256 Resp: 143135

Ion	Ratio	Lower	Upper
256	100		
241	61.1	31.1	91.1
239	49.1	19.1	79.1

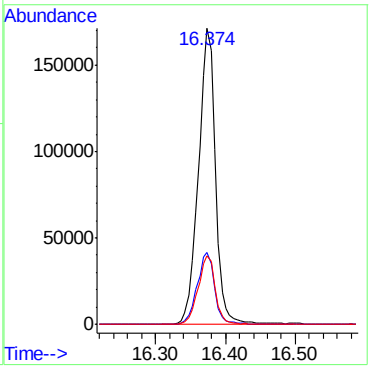




#101
Benzo[g,h,i]perylene
Concen: 50.00 ppm
RT: 16.374 min Scan# 2591
Delta R.T. 0.000 min
Lab File: F222739.D
Acq: 7 Nov 2024 10:56 am

Tgt Ion:276 Resp: 290012

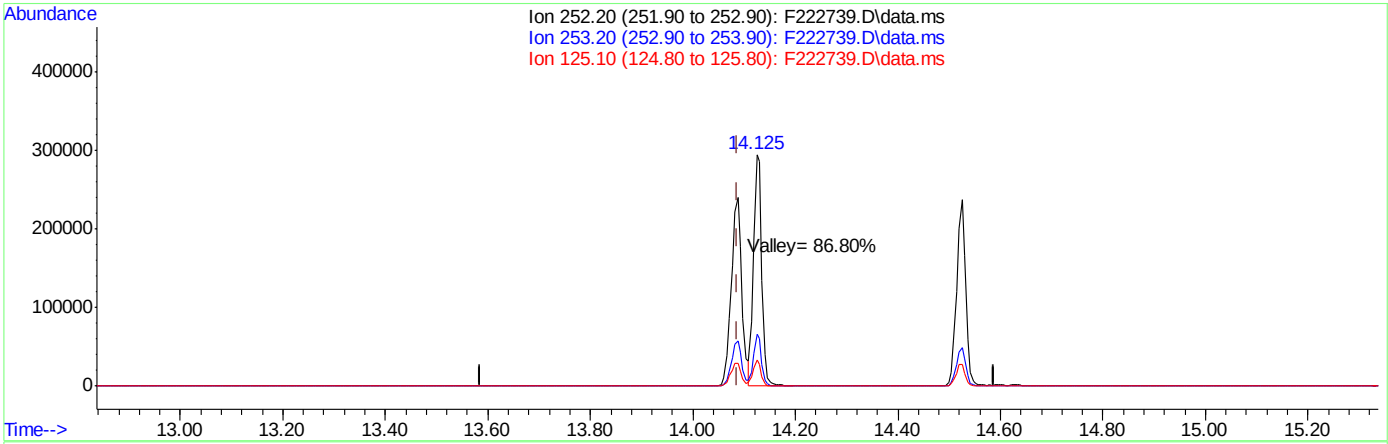
Ion	Ratio	Lower	Upper
276	100		
138	24.3	0.0	54.3
277	23.1	0.0	53.1

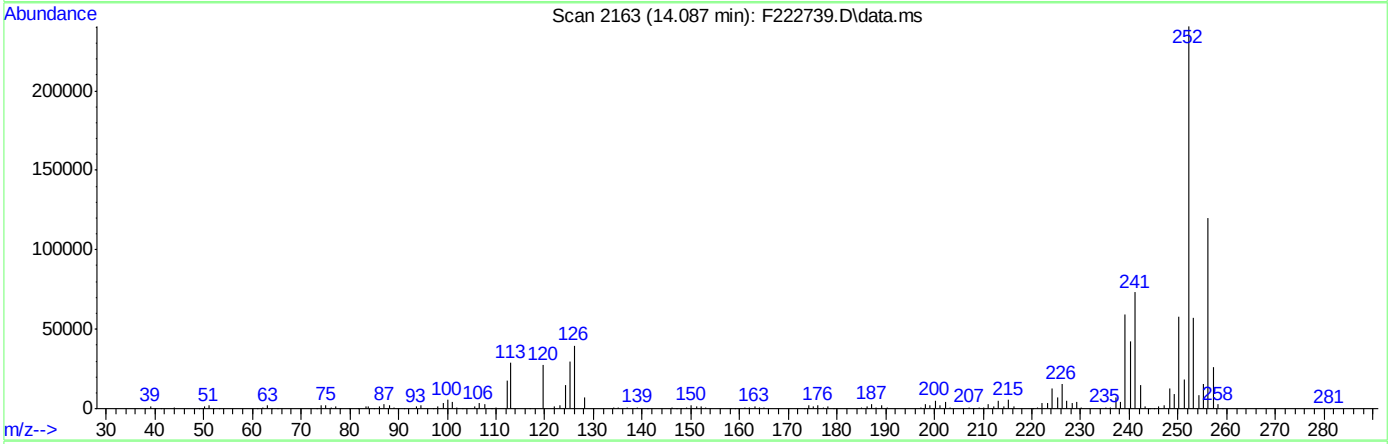


Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222739.D
Acq On : 7 Nov 2024 10:56 am
Operator : jackleey
Sample : icc9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 08:51:30 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:48:16 2024
Response via : Initial Calibration





TIC: F222739.D\data.ms

(94) Benzo[b]fluoranthene (t)

14.087min (0.000) 50.00ppm

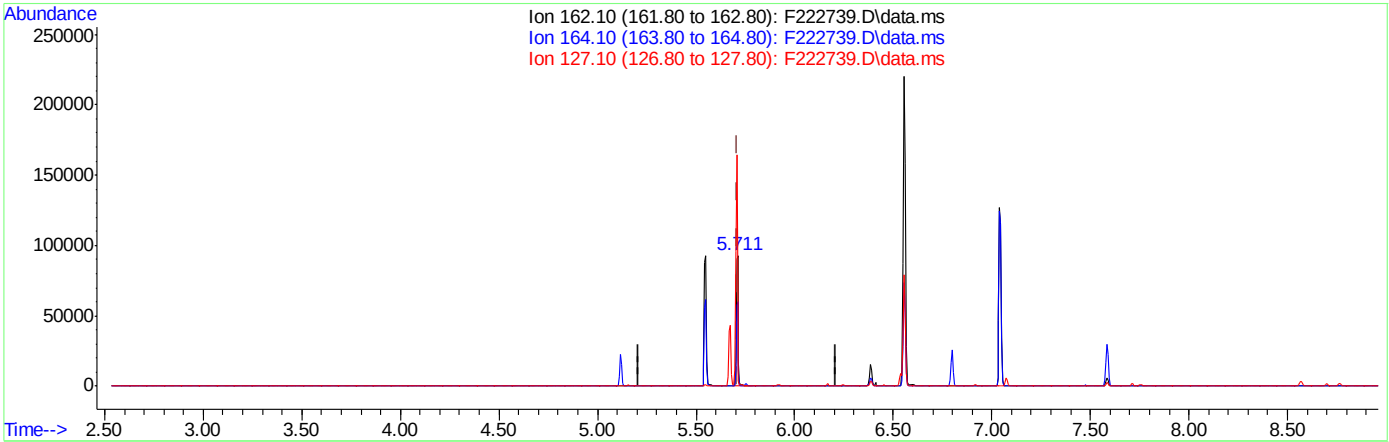
response 347906

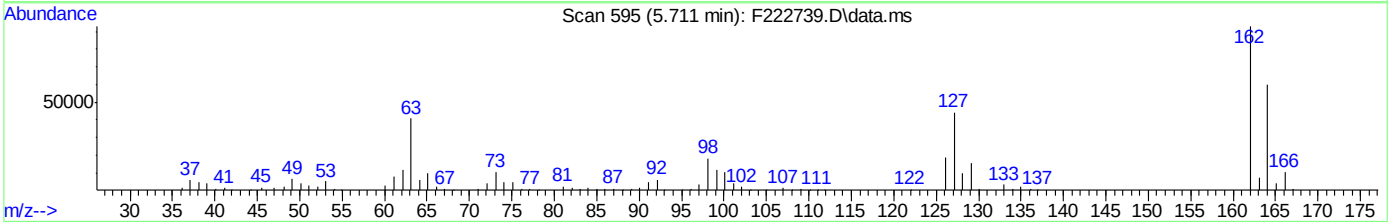
Ion	Exp%	Act%
252.20	100	100
253.20	23.70	23.71
125.10	12.30	12.28
0.00	0.00	0.00

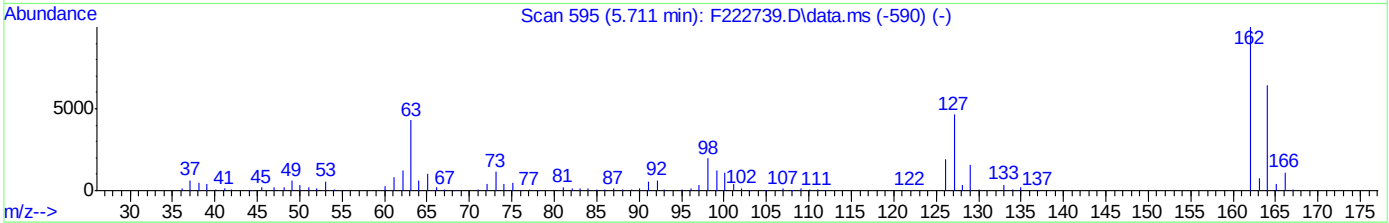
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222739.D
Acq On : 7 Nov 2024 10:56 am
Operator : jackleey
Sample : icc9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 08:51:30 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:48:16 2024
Response via : Initial Calibration







TIC: F222739.D\data.ms

(52) 2-Chloronaphthalene (t)

5.711min (0.000) 50.00ppm

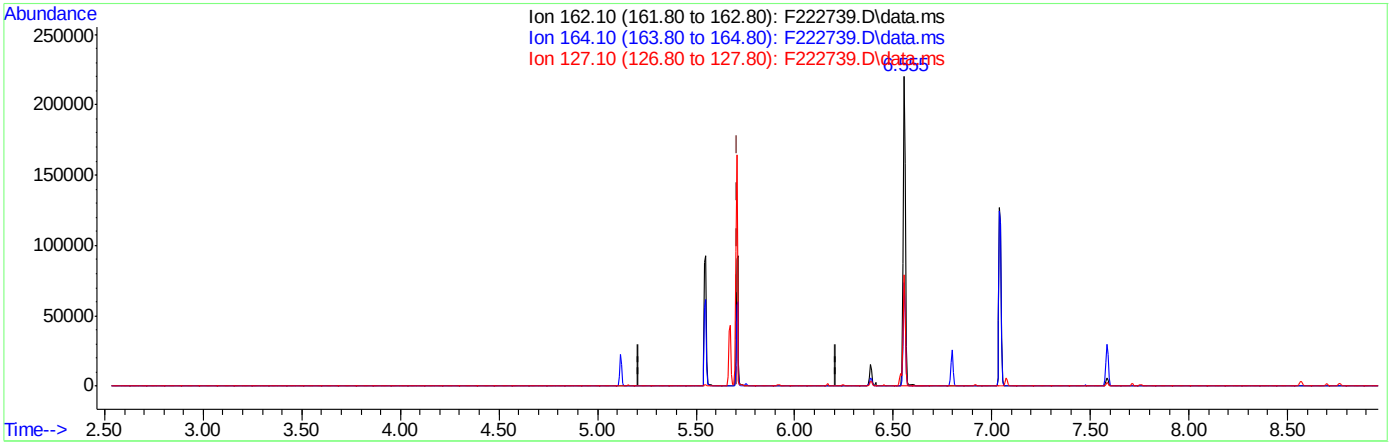
response 73756

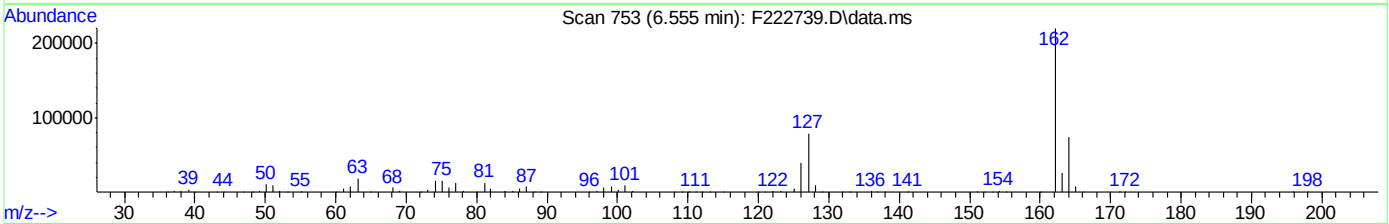
Ion	Exp%	Act%
162.10	100	100
164.10	64.30	64.31
127.10	46.90	46.91
0.00	0.00	0.00

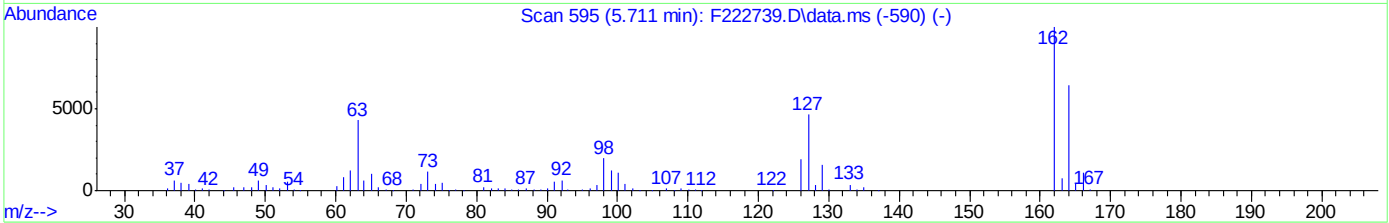
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222739.D
Acq On : 7 Nov 2024 10:56 am
Operator : jackleey
Sample : icc9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 08:51:30 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:48:16 2024
Response via : Initial Calibration







TIC: F222739.D\data.ms

(52) 2-Chloronaphthalene (t)

6.555min (+0.844) 113.18ppm m

response 166961

Ion	Exp%	Act%
162.10	100	100
164.10	64.30	33.38#
127.10	46.90	35.78
0.00	0.00	0.00

F222738.D

Manual Integrations APPROVED (compounds with "m" flag)

Nina Pandya 11/11/24 10:01

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222738.D
Acq On : 7 Nov 2024 11:20 am
Operator : jackleey
Sample : ic9899-80
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 06 10:41:28 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.765	152	55858	40.00	ppm	0.00
24) Naphthalene-d8	5.657	136	210778	40.00	ppm	0.00
46) Acenaphthene-d10	7.046	164	114577	40.00	ppm	0.00
69) Phenanthrene-d10	8.670	188	223625	40.00	ppm	0.00
83) Chrysene-d12	12.511	240	223700	40.00	ppm	0.00
92) Perylene-d12	14.600	264	234622	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.765	152	55858	40.00	ppm	0.00
112) Naphthalene-d8A	5.657	136	210778	40.00	ppm	0.00
121) Acenaphthene-d10A	7.046	164	114577	40.00	ppm	0.00
132) Phenanthrene-d10A	8.670	188	223625	40.00	ppm	0.00
147) Chrysene-d12A	12.511	240	223700	40.00	ppm	0.00
154) Perylene-d12A	14.600	264	234622	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.765	152	55858	40.00	ppm	0.00
159) Phenanthrene-d10b	8.670	188	223625	40.00	ppm	0.00
161) Naphthalene-d8b	5.657	136	210778	40.00	ppm	0.00
163) Naphthalene-d8c	5.657	136	210778	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.765	152	55858	40.00	ppm	0.00
169) Chrysene-d12c	12.511	240	223700	40.00	ppm	0.00
171) Chrysene-d12d	12.511	240	223700	40.00	ppm	0.00
173) Naphthalene-d8d	5.657	136	210778	40.00	ppm	0.00
175) Chrysene-d12e	12.511	240	223700	40.00	ppm	0.00
177) Perylene-d12b	14.600	264	234622	40.00	ppm	0.00
179) Naphthalene-d8e	5.657	136	210778	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.857	112	120866	76.88	ppm	0.00
Spiked Amount 50.000			Recovery = 153.76%			
8) Phenol-d5	4.493	99	144432	78.01	ppm	0.00
Spiked Amount 50.000			Recovery = 156.02%			
25) Nitrobenzene-d5	5.150	82	126837	78.94	ppm	0.00
Spiked Amount 50.000			Recovery = 157.88%			
51) 2-Fluorobiphenyl	6.459	172	328835	77.84	ppm	0.00
Spiked Amount 50.000			Recovery = 155.68%			
73) 2,4,6-Tribromophenol	7.848	330	45196	76.62	ppm	0.00
Spiked Amount 50.000			Recovery = 153.24%			
86) Terphenyl-d14	10.936	244	426135	77.36	ppm	0.00
Spiked Amount 50.000			Recovery = 154.72%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.703	88	48700	77.38	ppm	91
3) Pyridine	2.949	79	136494	76.48	ppm	99
4) N-Nitrosodimethylamine	2.917	42	62722	76.50	ppm	95
6) Indene	4.947	116	233694	77.09	ppm	99
7) Cumene	4.220	105	252594	77.52	ppm	100
9) Phenol	4.503	94	158924	78.13	ppm	94
10) Aniline	4.535	93	197341	77.45	ppm	74
11) bis(2-Chloroethyl)ether	4.578	93	120021	76.21	ppm	98
12) 2-Chlorophenol	4.616	128	137333	77.50	ppm	98
13) Decane	4.648	43	126822	76.01	ppm	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222738.D
Acq On : 7 Nov 2024 11:20 am
Operator : jackleey
Sample : ic9899-80
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 06 10:41:28 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
14) 1,3-Dichlorobenzene	4.728	146	158684	77.91	ppm	100
15) 1,4-Dichlorobenzene	4.776	146	161871	77.51	ppm	98
16) Benzyl alcohol	4.856	108	85135	77.68	ppm	95
17) 1,2-Dichlorobenzene	4.883	146	153256	77.82	ppm	99
18) Acetophenone	5.043	105	193335	76.23	ppm	91
19) 2-Methylphenol	4.925	108	118042	77.45	ppm	98
20) 2,2'-oxybis(1-Chloropr...	4.947	121	39233	79.64	ppm	97
21) 3&4-Methylphenol	5.038	108	250458	152.50	ppm	98
22) n-Nitroso-di-n-propyla...	5.048	70	89705	76.49	ppm	96
23) Hexachloroethane	5.118	201	64026	77.42	ppm	97
26) Nitrobenzene	5.166	77	138184	79.76	ppm	93
27) Quinoline	5.919	129	262538m	77.15	ppm	
28) Isophorone	5.337	82	238505	77.73	ppm	98
29) 2-Nitrophenol	5.385	139	68655	83.28	ppm	94
30) 2,4-Dimethylphenol	5.406	107	135765	78.06	ppm	94
31) Benzoic acid	5.497	105	84349	84.09	ppm	80
32) bis(2-Chloroethoxy)met...	5.476	93	156135	78.40	ppm	99
33) 2,4-Dichlorophenol	5.551	162	124975	81.55	ppm	97
34) 2,6-Dichlorophenol	5.711	162	126220	79.92	ppm	99
35) 1,3,5-Trichlorobenzene	5.390	180	154832	79.30	ppm	98
36) 1,2,4-Trichlorobenzene	5.615	180	146395	80.06	ppm	99
37) 1,2,3-Trichlorobenzene	5.770	180	146490	78.08	ppm	99
38) Naphthalene	5.673	128	407807	78.57	ppm	99
39) 4-Chloroaniline	5.705	127	175766	77.72	ppm	100
40) 2,3-Dichloroaniline	6.389	161	145424	78.93	ppm	97
41) Hydroquinone	5.930	110	118715m	77.77	ppm	
42) Hexachlorobutadiene	5.754	225	92298	77.98	ppm	97
43) 4-Chloro-3-methylphenol	6.042	107	108746	76.44	ppm	97
44) 2-Methylnaphthalene	6.170	141	249377	78.69	ppm	99
45) 1-Methylnaphthalene	6.245	142	261841	80.14	ppm	99
47) Hexachlorocyclopentadiene	6.288	237	197288	163.27	ppm	99
48) 1,2,4,5-tetrachloroben...	6.298	216	160746	78.18	ppm	99
49) 2,4,6-Trichlorophenol	6.384	196	98249	79.06	ppm	98
50) 2,4,5-Trichlorophenol	6.416	196	109654	78.29	ppm	98
52) 2-Chloronaphthalene	6.560	162	282143m	177.10	ppm	
53) Biphenyl	6.539	154	359984	78.07	ppm	99
54) 2-Nitroaniline	6.646	65	67136	78.50	ppm	89
55) Dimethylphthalate	6.806	163	307392	77.82	ppm	99
56) Acenaphthylene	6.918	152	399749	78.78	ppm	99
57) 2,6-Dinitrotoluene	6.854	165	61481	81.52	ppm	94
58) 3-Nitroaniline	7.014	138	73824	81.85	ppm	98
59) Acenaphthene	7.078	153	288974	77.52	ppm	99
60) 2,4-Dinitrophenol	7.105	184	72946	180.39	ppm	88
61) 4-Nitrophenol	7.148	109	40527	78.82	ppm	98
62) Dibenzofuran	7.244	168	411687	77.78	ppm	98
63) 2,4-Dinitrotoluene	7.228	165	87511	81.42	ppm	97
64) 2,3,4,6-Tetrachlorophenol	7.356	232	84947	79.69	ppm	97
65) Diethylphthalate	7.479	149	326993	78.59	ppm	99
66) Fluorene	7.591	166	332264	78.95	ppm	99
67) 4-Chlorophenyl-phenyle...	7.586	204	171479	77.69	ppm	96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222738.D
Acq On : 7 Nov 2024 11:20 am
Operator : jackleey
Sample : ic9899-80
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 06 10:41:28 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

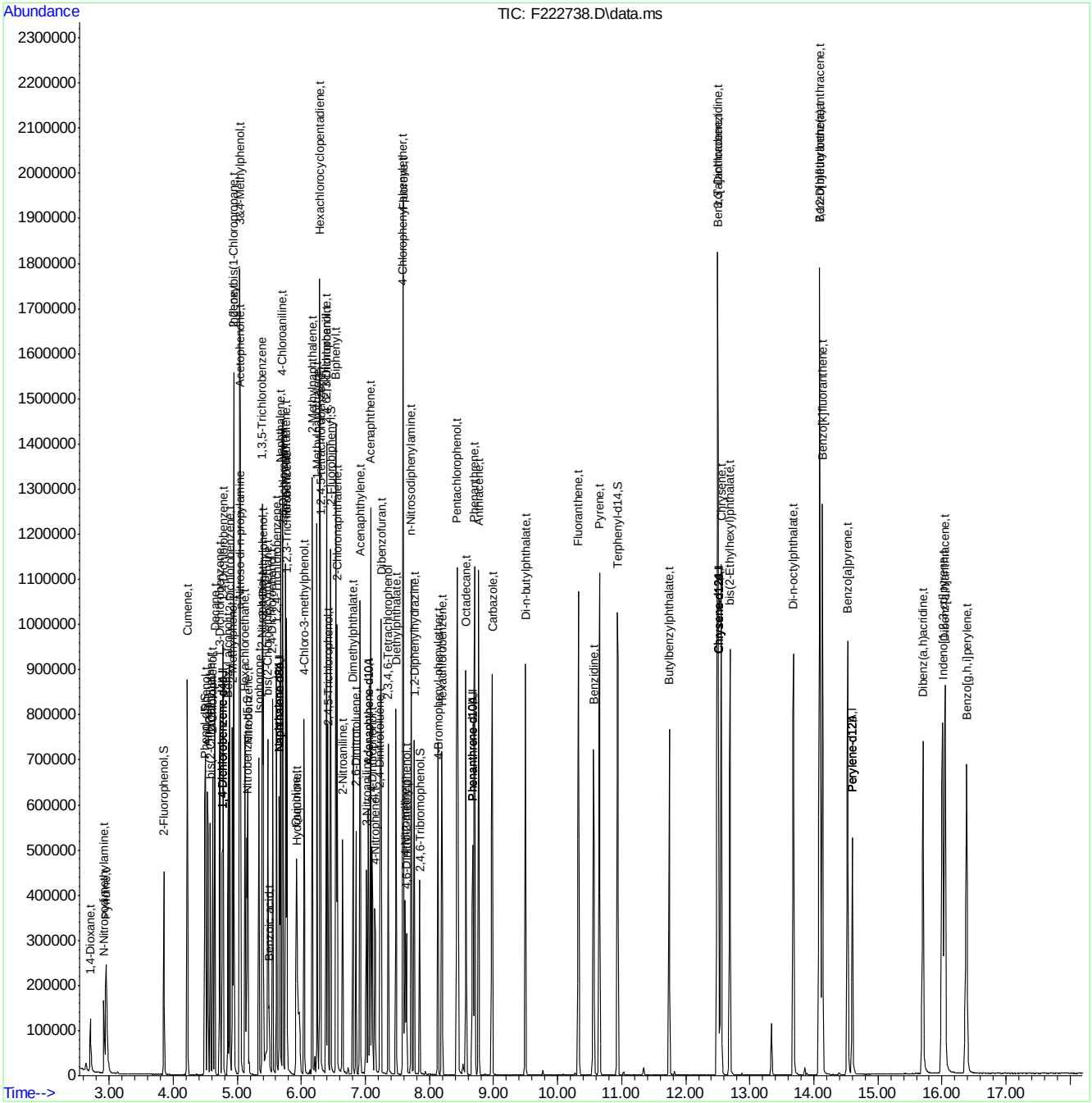
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 4-Nitroaniline	7.623	138	74667	75.96	ppm	99
70) 4,6-Dinitro-2-methylph...	7.645	198	44742	88.68	ppm	99
71) n-Nitrosodiphenylamine	7.714	169	271673	77.60	ppm	99
72) 1,2-Diphenylhydrazine	7.762	77	278023	77.26	ppm	95
74) 4-Bromophenyl-phenylether	8.136	248	98626	79.13	ppm	94
75) Hexachlorobenzene	8.195	284	103332	77.62	ppm	94
76) Pentachlorophenol	8.430	266	144074	161.37	ppm	98
77) Phenanthrene	8.702	178	474536	78.69	ppm	100
78) Anthracene	8.767	178	483006	78.42	ppm	100
79) Carbazole	8.980	167	447209	77.73	ppm	100
80) Di-n-butylphthalate	9.498	149	552672	79.01	ppm	100
81) Fluoranthene	10.326	202	551942	78.84	ppm	99
82) Octadecane	8.569	57	169567	76.95	ppm	100
84) Benzidine	10.562	184	360513	87.92	ppm	99
85) Pyrene	10.652	202	596759	77.27	ppm	98
87) Butylbenzylphthalate	11.742	149	234784	80.10	ppm	98
88) Benzo[a]anthracene	12.495	228	559425	77.78	ppm	99
89) 3,3'-Dichlorobenzidine	12.501	252	224395	77.98	ppm	99
90) Chrysene	12.554	228	558282	76.63	ppm	100
91) bis(2-Ethylhexyl)phtha...	12.688	149	370945	79.11	ppm	100
93) Di-n-octylphthalate	13.681	149	608764	81.29	ppm	98
94) Benzo[b]fluoranthene	14.093	252	599973	78.72	ppm	99
95) Benzo[k]fluoranthene	14.136	252	575627	77.63	ppm	98
96) Benzo[a]pyrene	14.531	252	499391	79.03	ppm	99
97) Indeno[1,2,3-cd]pyrene	16.011	276	524666	78.59	ppm	95
98) Dibenz(a,h)acridine	15.706	279	426980	79.25	ppm	99
99) Dibenz[a,h]anthracene	16.048	278	525961	78.64	ppm	97
100) 7,12-Dimethylbenz(a)an...	14.093	256	246600	78.64	ppm	99
101) Benzo[g,h,i]perylene	16.385	276	494332	77.80	ppm	98

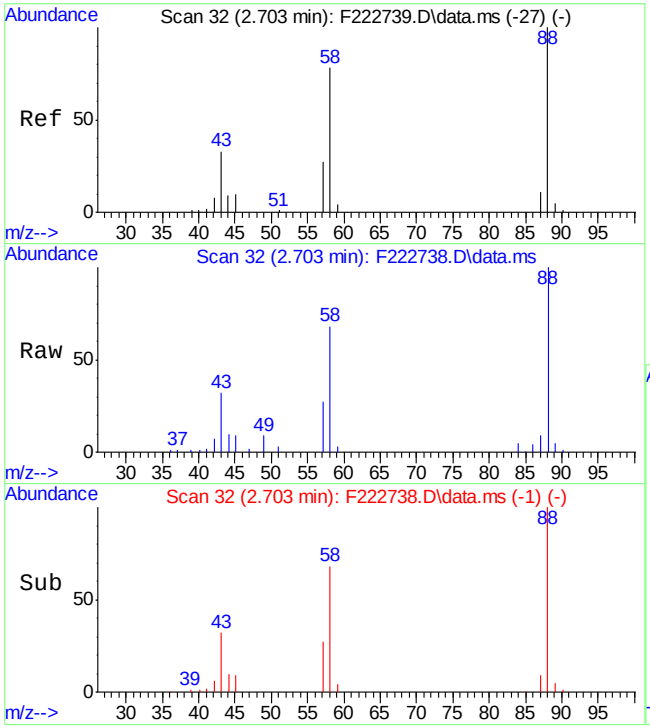
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222738.D
Acq On : 7 Nov 2024 11:20 am
Operator : jackleey
Sample : ic9899-80
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 06 10:41:28 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
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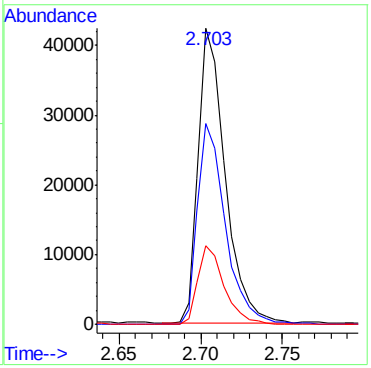


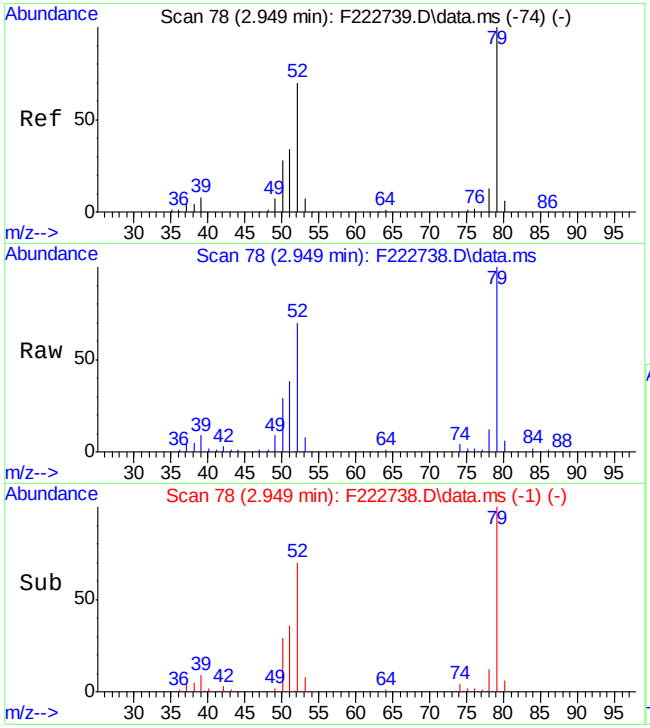


#2
1,4-Dioxane
Concen: 77.38 ppm
RT: 2.703 min Scan# 32
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 88 Resp: 48700

Ion	Ratio	Lower	Upper
88	100		
58	67.8	47.6	107.6
57	26.7	0.0	57.2

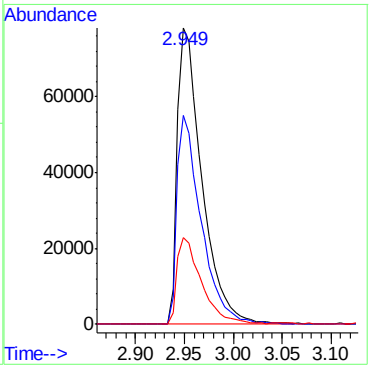


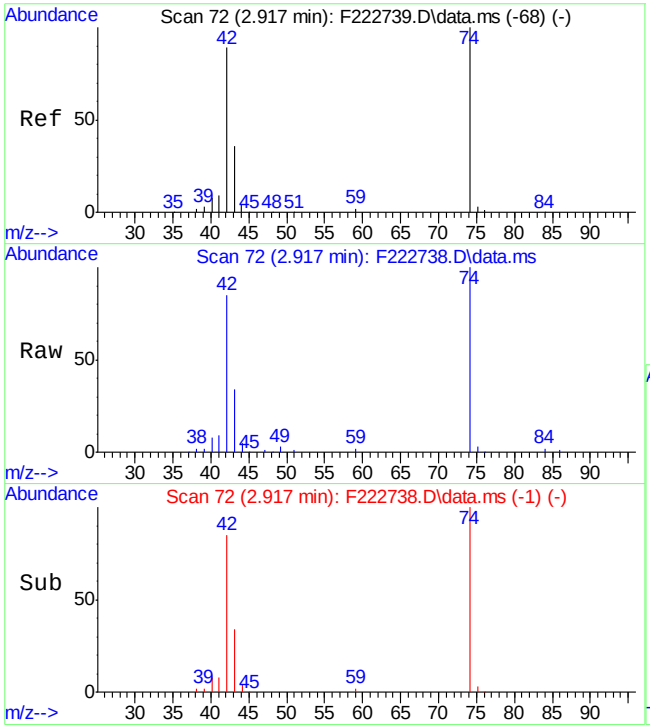


#3
Pyridine
Concen: 76.48 ppm
RT: 2.949 min Scan# 78
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 79 Resp: 136494

Ion	Ratio	Lower	Upper
79	100		
52	70.5	39.7	99.7
50	29.0	0.0	58.3

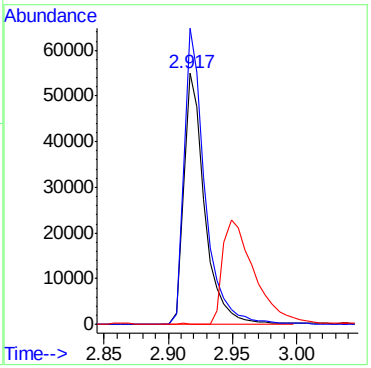


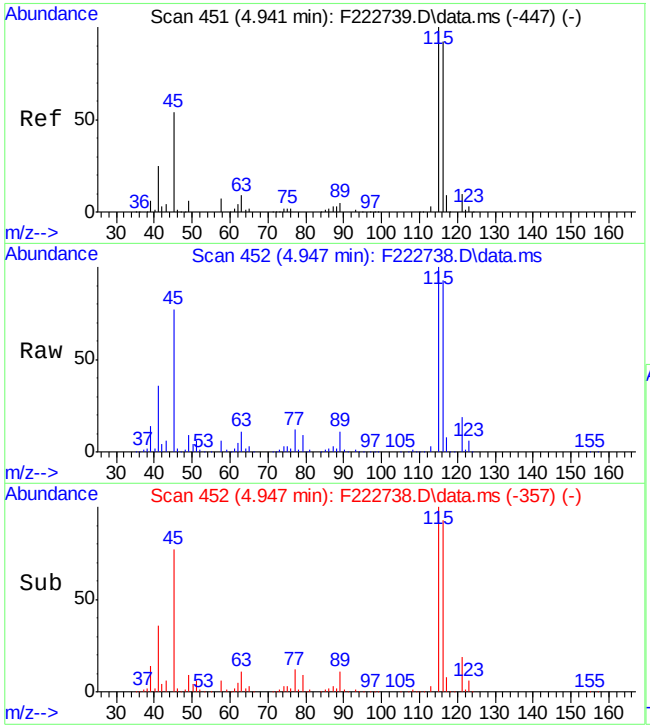


#4
N-Nitrosodimethylamine
Concen: 76.50 ppm
RT: 2.917 min Scan# 72
Delta R.T. 0.001 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 42 Resp: 62722

Ion	Ratio	Lower	Upper
42	100		
74	117.5	82.2	142.2
50	0.0	0.0	30.0

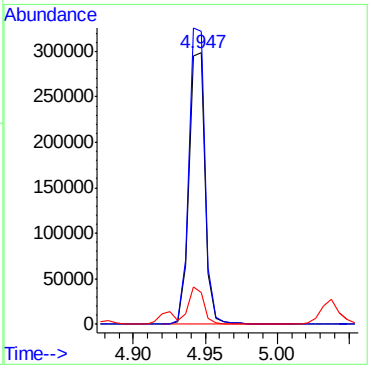


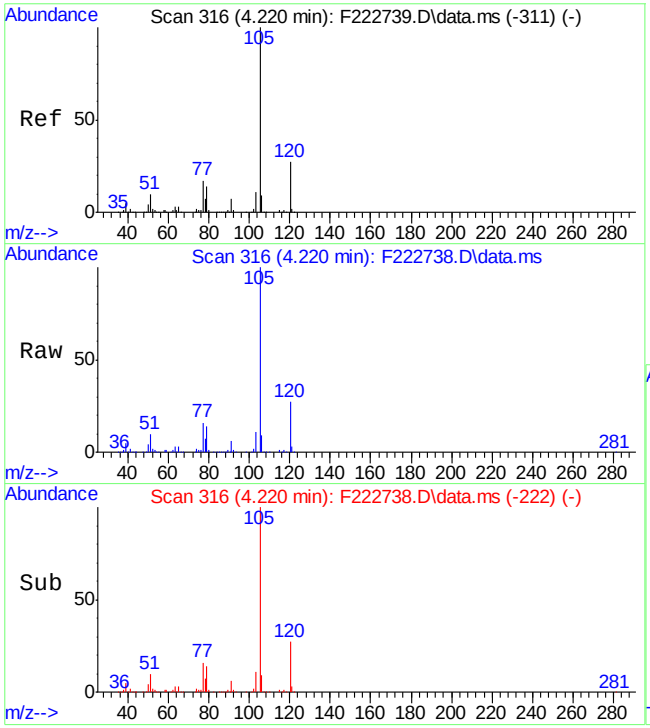


#6
Indene
Concen: 77.09 ppm
RT: 4.947 min Scan# 452
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:116 Resp: 233694

Ion	Ratio	Lower	Upper
116	100		
115	108.0	78.5	138.5
63	9.6	0.0	42.1

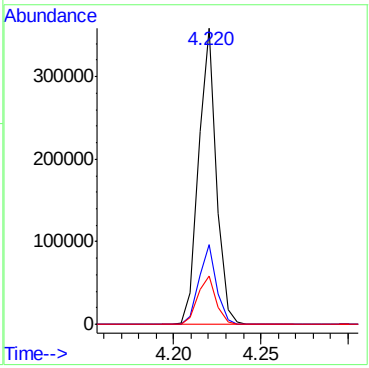


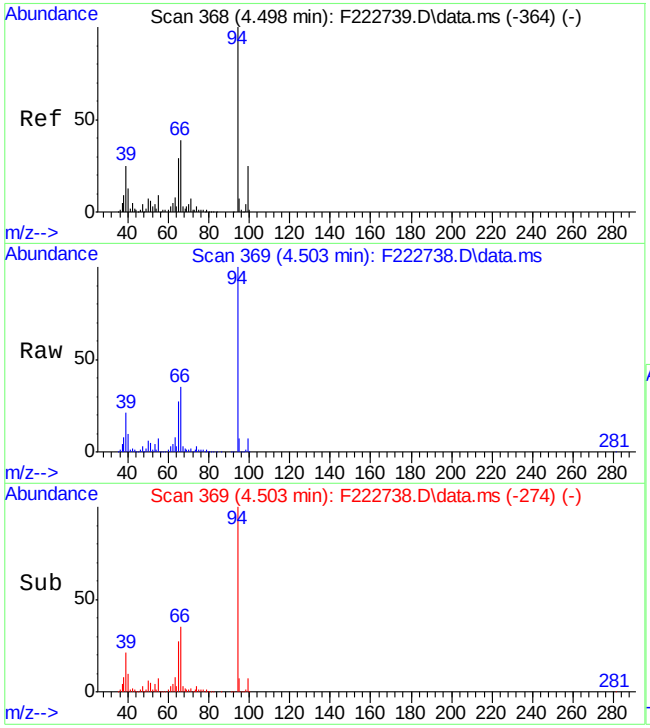


#7
Cumene
Concen: 77.52 ppm
RT: 4.220 min Scan# 316
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:105 Resp: 252594

Ion	Ratio	Lower	Upper
105	100		
120	26.9	0.0	57.2
77	16.4	0.0	46.5

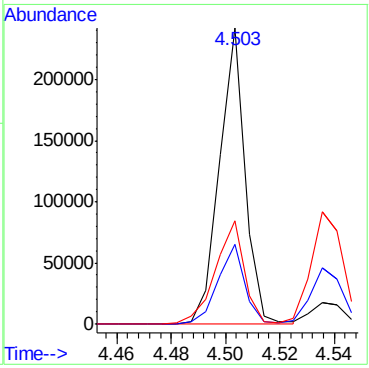


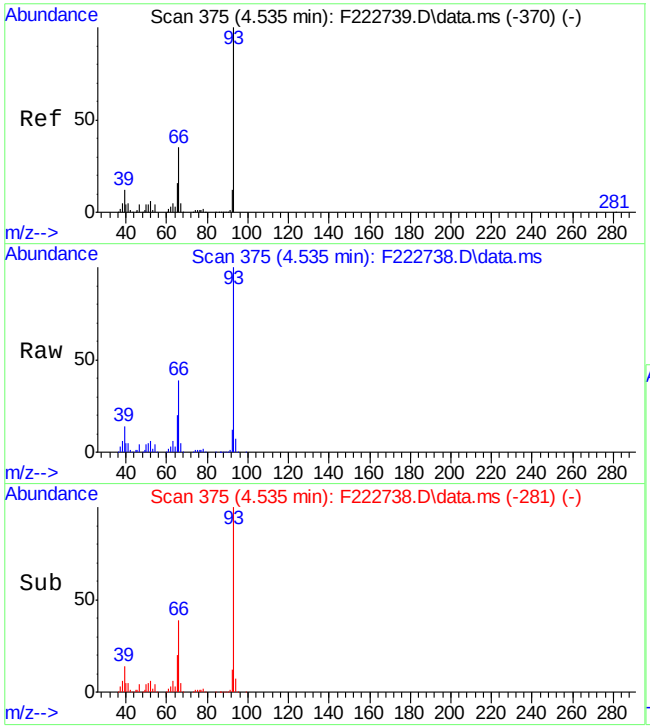


#9
Phenol
Concen: 78.13 ppm
RT: 4.503 min Scan# 369
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 94 Resp: 158924

Ion	Ratio	Lower	Upper
94	100		
65	26.6	0.0	59.0
66	33.9	8.6	68.6

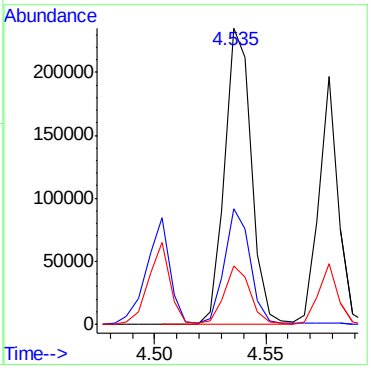


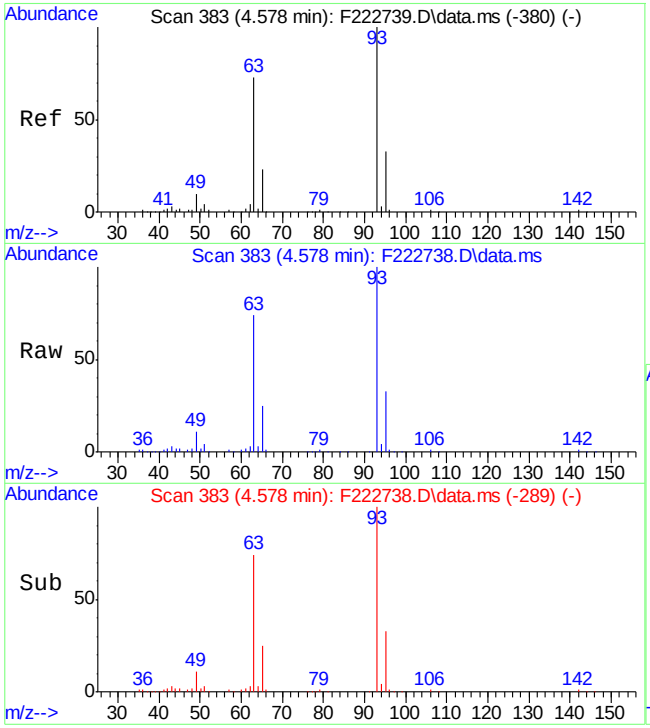


#10
Aniline
Concen: 77.45 ppm
RT: 4.535 min Scan# 375
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 93 Resp: 197341

Ion	Ratio	Lower	Upper
93	100		
66	21.1	6.6	66.6
65	5.8	0.0	47.6

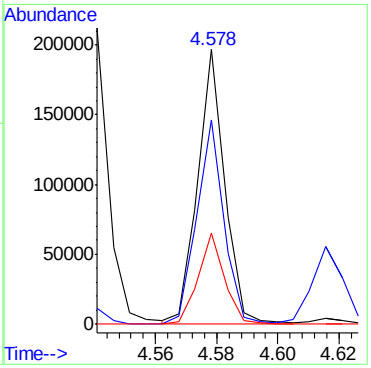


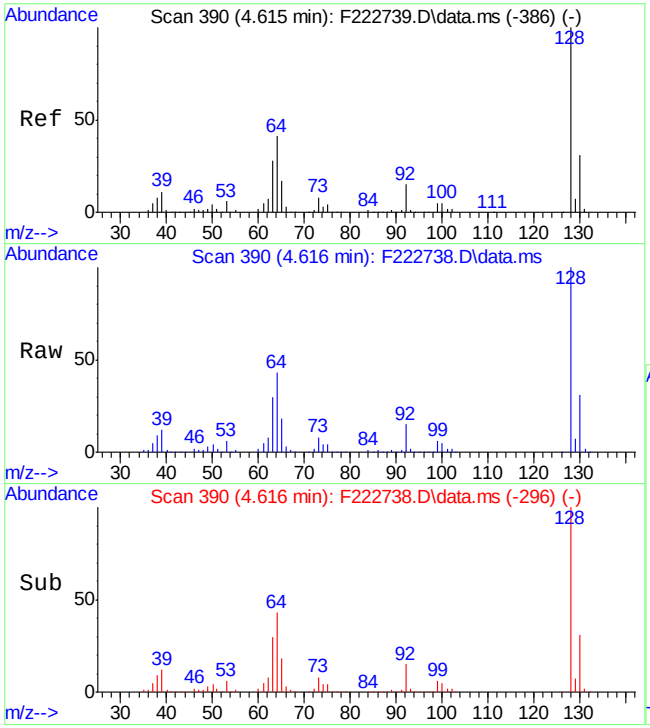


#11
bis(2-Chloroethyl)ether
Concen: 76.21 ppm
RT: 4.578 min Scan# 383
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 93 Resp: 120021

Ion	Ratio	Lower	Upper
93	100		
63	74.0	42.1	102.1
95	33.3	2.4	62.4

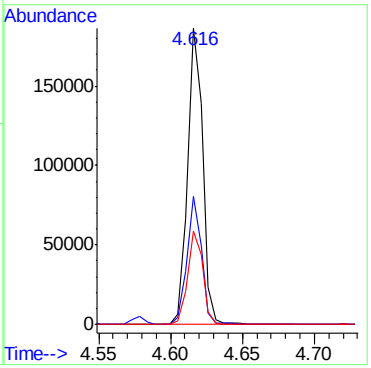


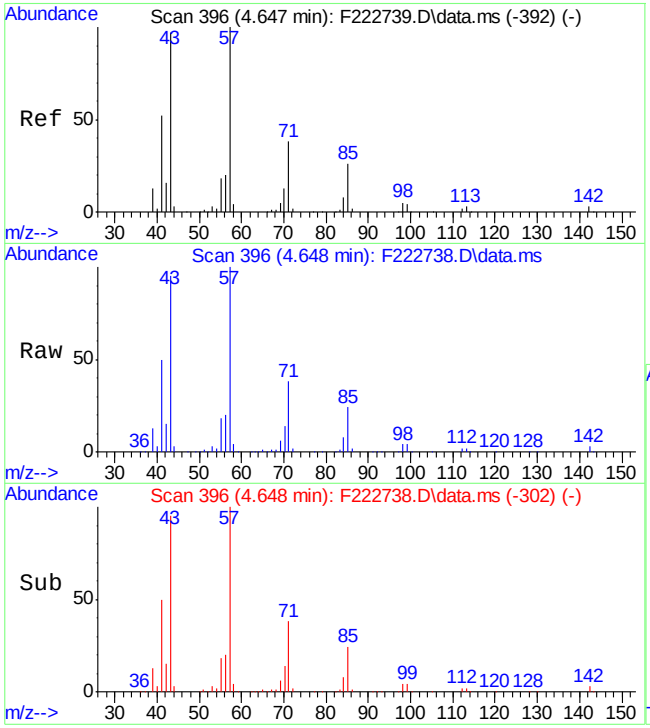


#12
2-Chlorophenol
Concen: 77.50 ppm
RT: 4.616 min Scan# 390
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:128 Resp: 137333

Ion	Ratio	Lower	Upper
128	100		
64	43.3	10.9	70.9
130	31.3	1.2	61.2

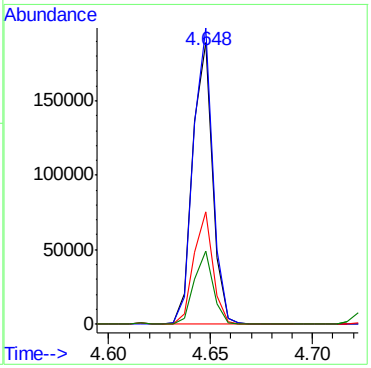


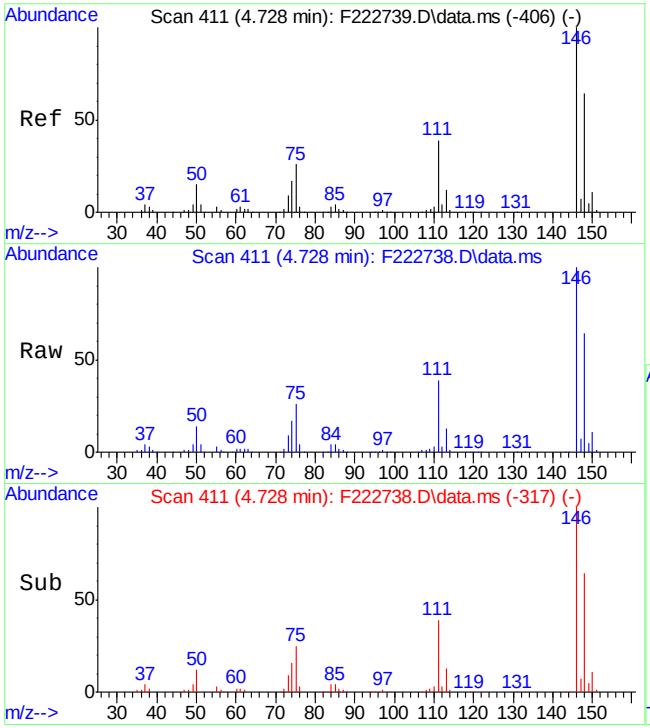


#13
Decane
Concen: 76.01 ppm
RT: 4.648 min Scan# 396
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 43 Resp: 126822

Ion	Ratio	Lower	Upper
43	100		
57	105.3	73.5	133.5
71	40.1	9.4	69.4
85	25.8	0.0	56.4

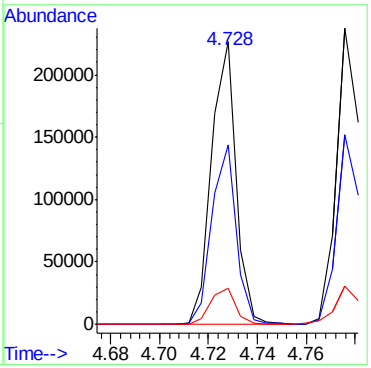


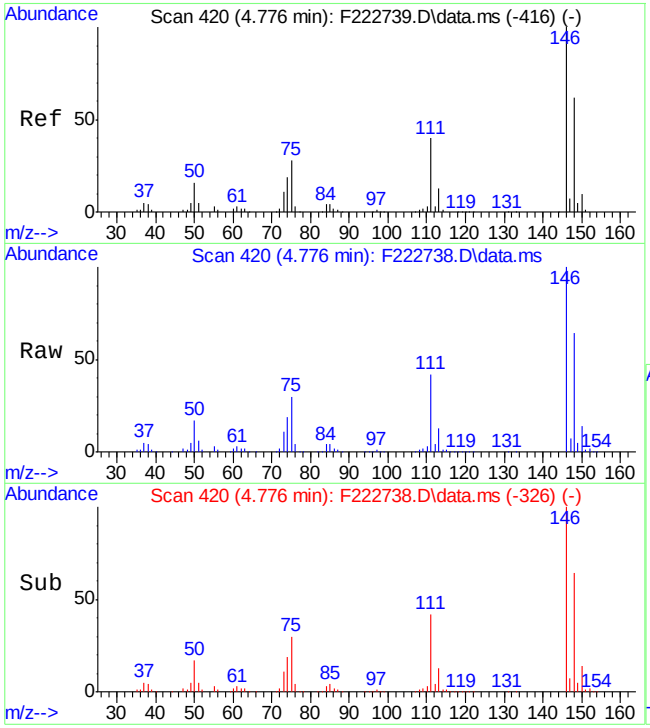


#14
1,3-Dichlorobenzene
Concen: 77.91 ppm
RT: 4.728 min Scan# 411
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:146 Resp: 158684

Ion	Ratio	Lower	Upper
146	100		
148	63.6	33.6	93.6
113	12.6	0.0	41.9

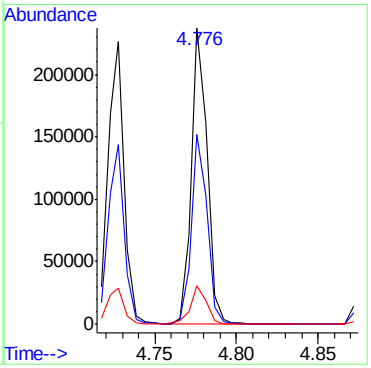


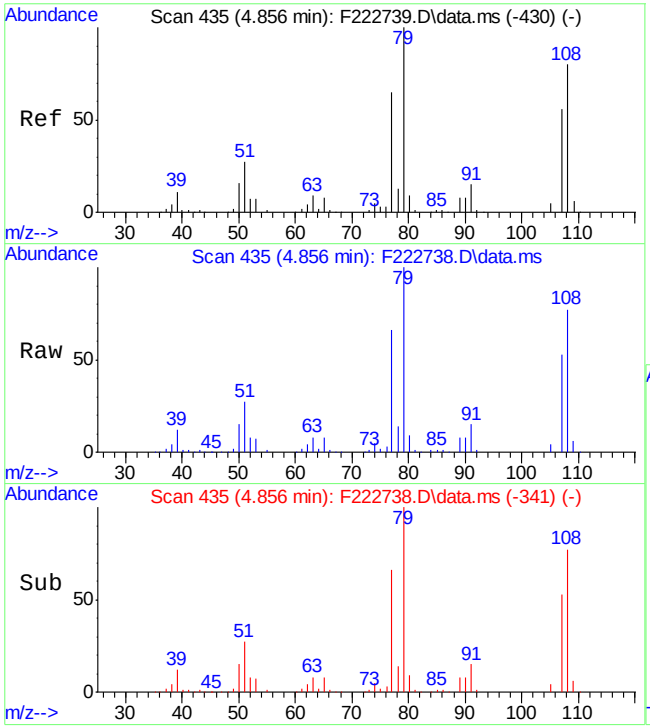


#15
1,4-Dichlorobenzene
Concen: 77.51 ppm
RT: 4.776 min Scan# 420
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:146 Resp: 161871

Ion	Ratio	Lower	Upper
146	100		
148	64.1	32.0	92.0
113	13.0	0.0	42.6

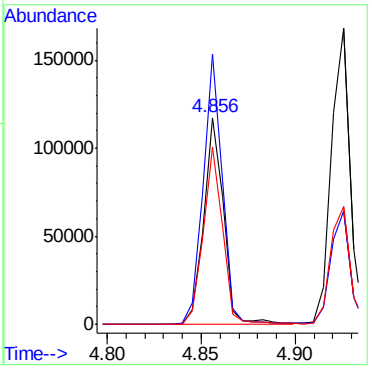


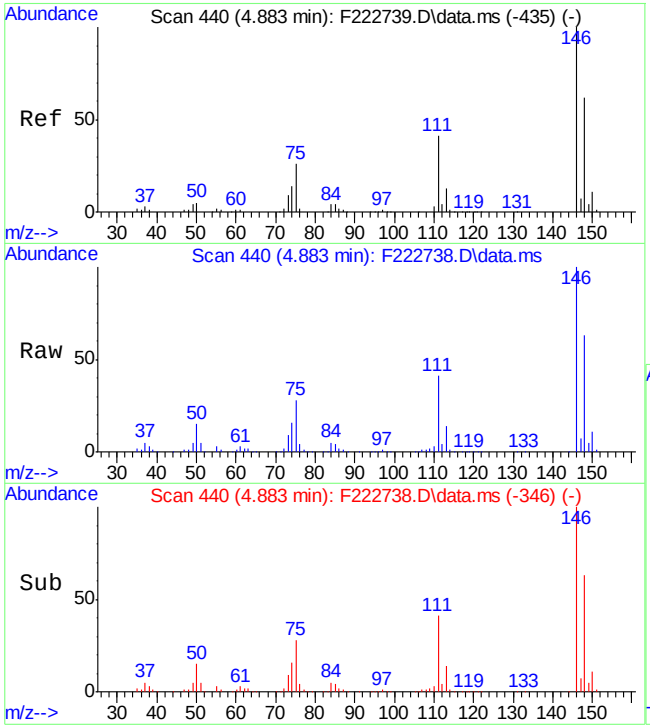


#16
Benzyl alcohol
Concen: 77.68 ppm
RT: 4.856 min Scan# 435
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:108 Resp: 85135

Ion	Ratio	Lower	Upper
108	100		
79	130.7	95.7	155.7
77	85.7	51.3	111.3

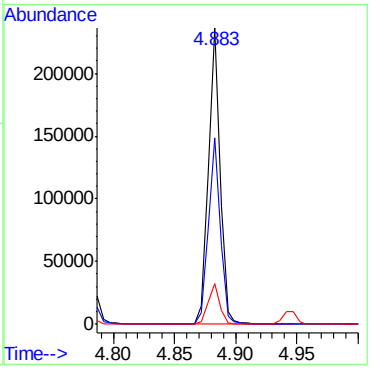


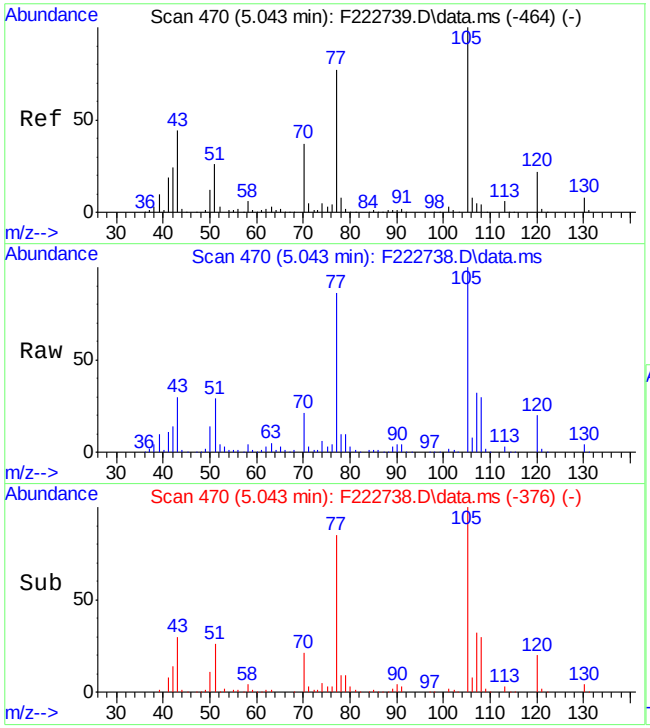


#17
1,2-Dichlorobenzene
Concen: 77.82 ppm
RT: 4.883 min Scan# 440
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:146 Resp: 153256

Ion	Ratio	Lower	Upper
146	100		
148	62.8	31.8	91.8
113	11.6	0.0	42.3

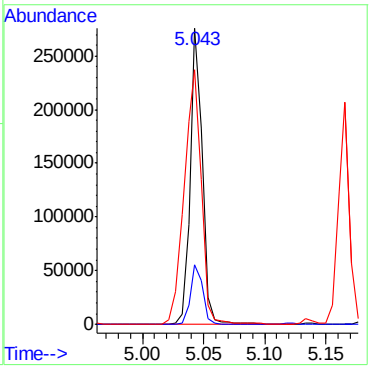


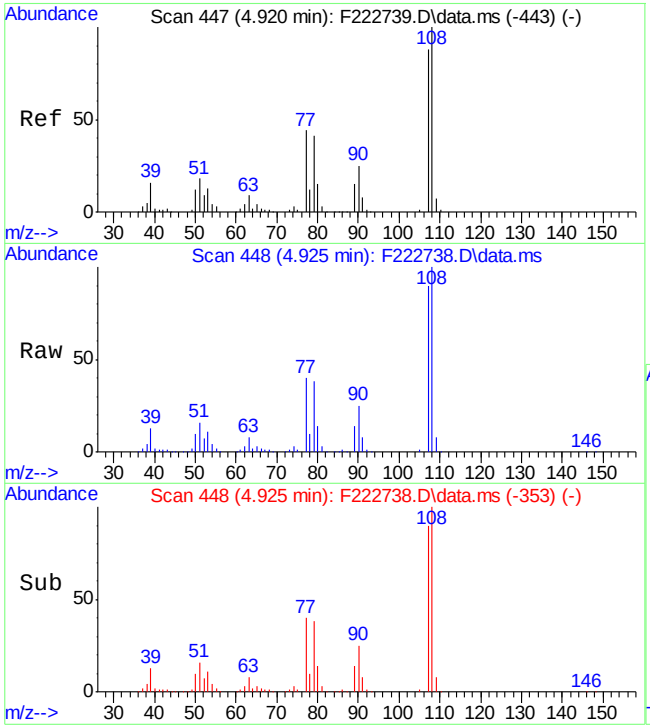


#18
Acetophenone
Concen: 76.23 ppm
RT: 5.043 min Scan# 470
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:105 Resp: 193335

Ion	Ratio	Lower	Upper
105	100		
120	20.0	0.0	51.5
77	85.8	46.5	106.5

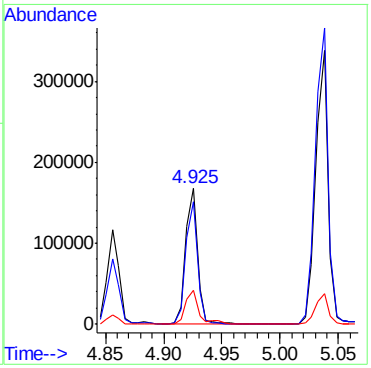


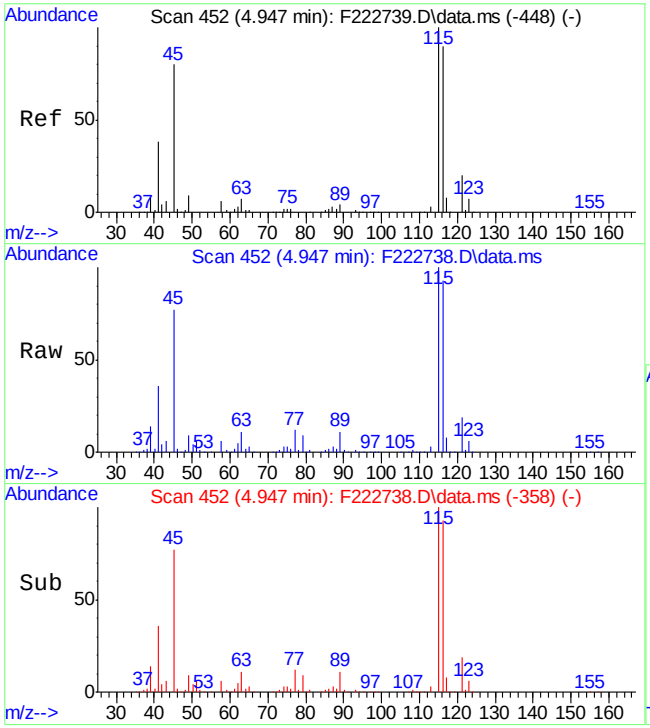


#19
2-Methylphenol
Concen: 77.45 ppm
RT: 4.925 min Scan# 448
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:108 Resp: 118042

Ion	Ratio	Lower	Upper
108	100		
107	90.1	58.3	118.3
90	24.7	0.0	55.3

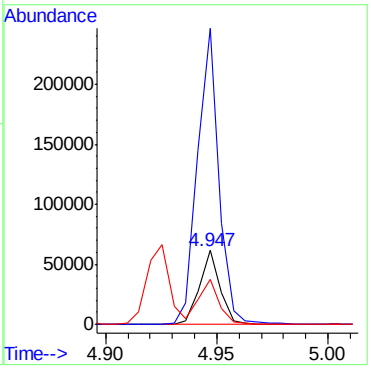


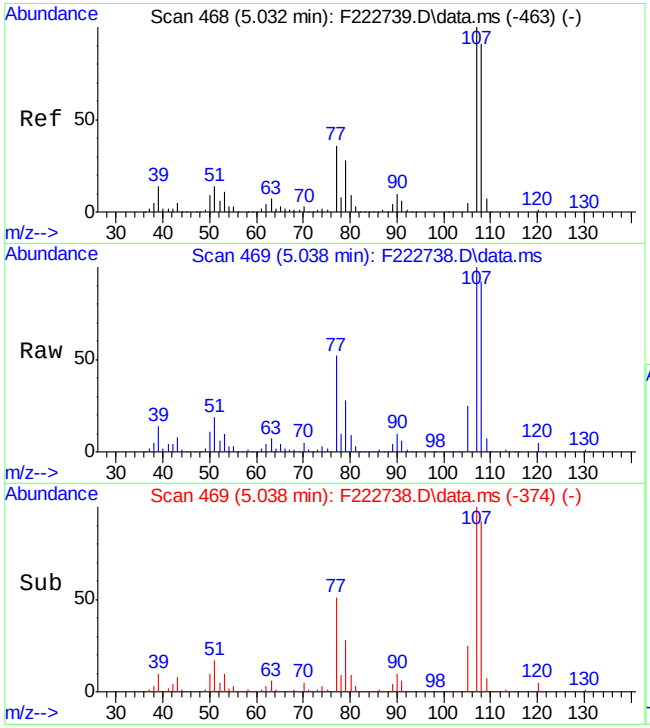


#20
2,2'-oxybis(1-Chloropropane
Concen: 79.64 ppm
RT: 4.947 min Scan# 452
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:121 Resp: 39233

Ion	Ratio	Lower	Upper
121	100		
45	401.0	374.4	434.4
77	6.4	0.0	49.9

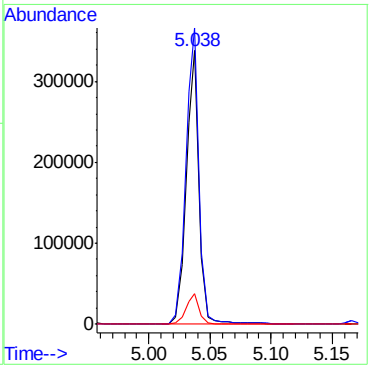


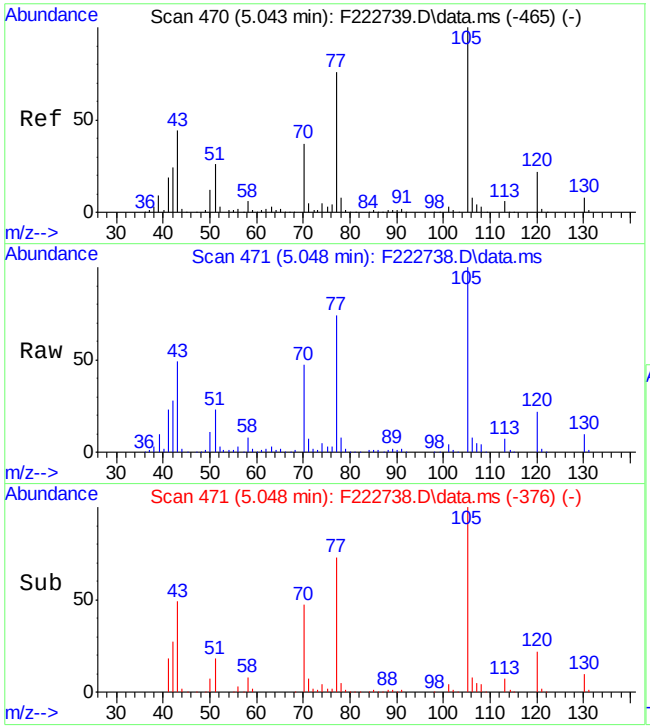


#21
3&4-Methylphenol
Concen: 152.50 ppm
RT: 5.038 min Scan# 469
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:108 Resp: 250458

Ion	Ratio	Lower	Upper
108	100		
107	108.2	80.0	140.0
90	11.2	0.0	41.5

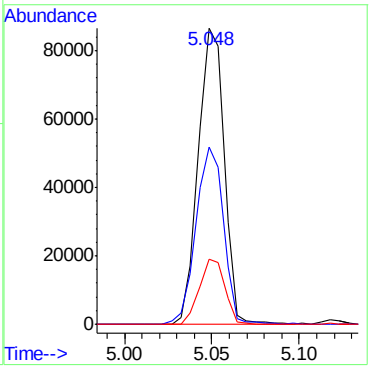


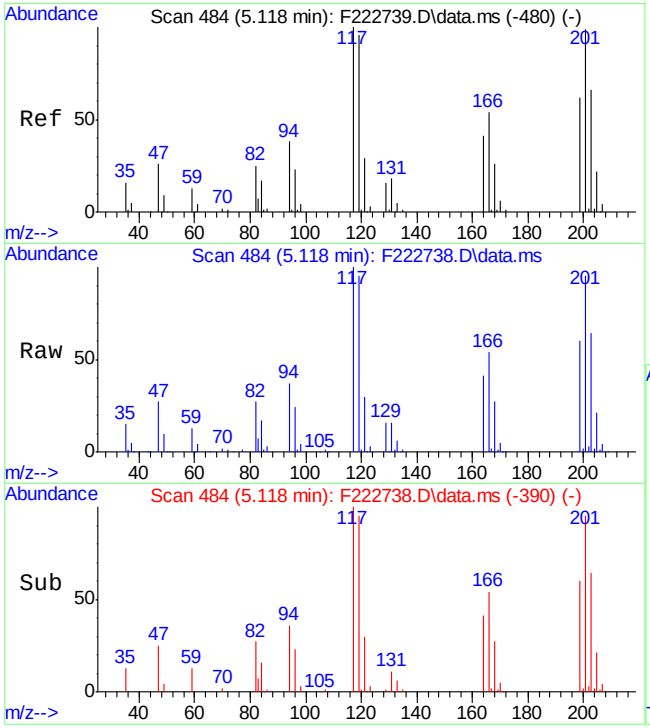


#22
n-Nitroso-di-n-propylamine
Concen: 76.49 ppm
RT: 5.048 min Scan# 471
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 70 Resp: 89705

Ion	Ratio	Lower	Upper
70	100		
42	59.8	44.9	83.5
130	21.9	15.4	28.6

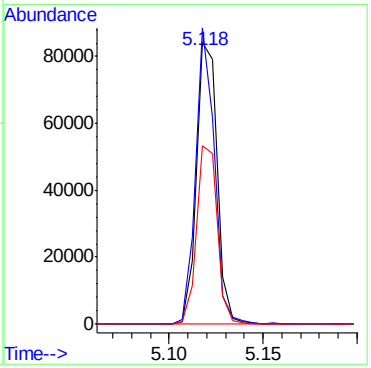


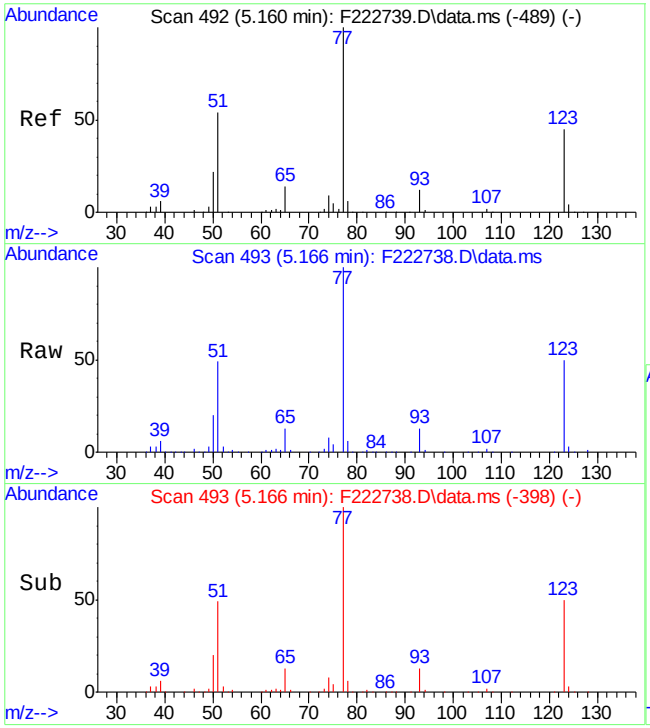


#23
Hexachloroethane
Concen: 77.42 ppm
RT: 5.118 min Scan# 484
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:201 Resp: 64026

Ion	Ratio	Lower	Upper
201	100		
117	105.1	70.8	130.8
199	63.4	32.9	92.9

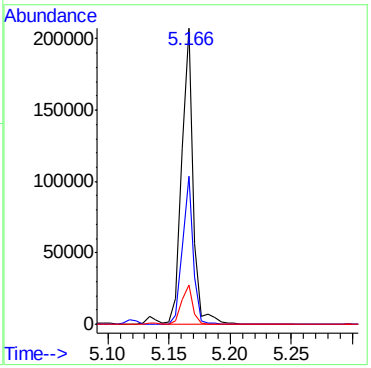


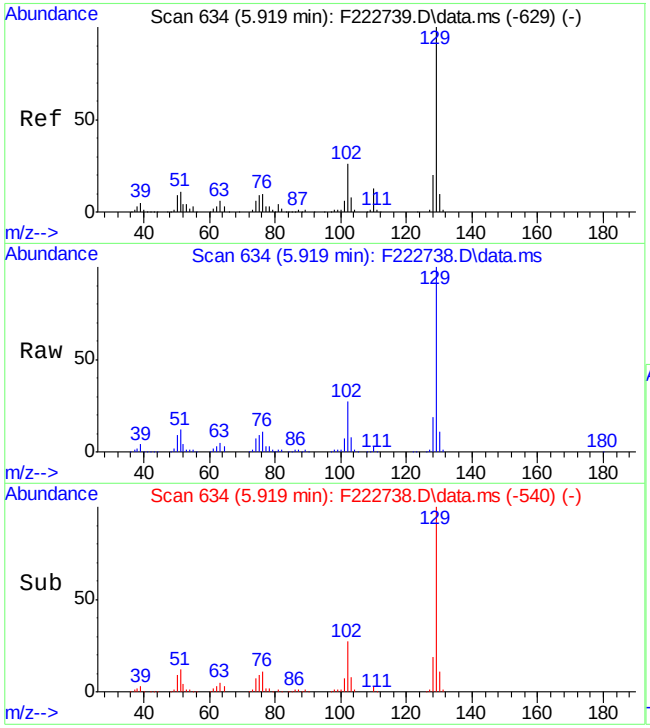


#26
Nitrobenzene
Concen: 79.76 ppm
RT: 5.166 min Scan# 493
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 77 Resp: 138184

Ion	Ratio	Lower	Upper
77	100		
123	50.1	14.9	74.9
65	13.3	0.0	44.3

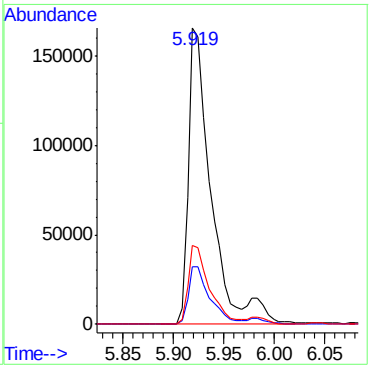


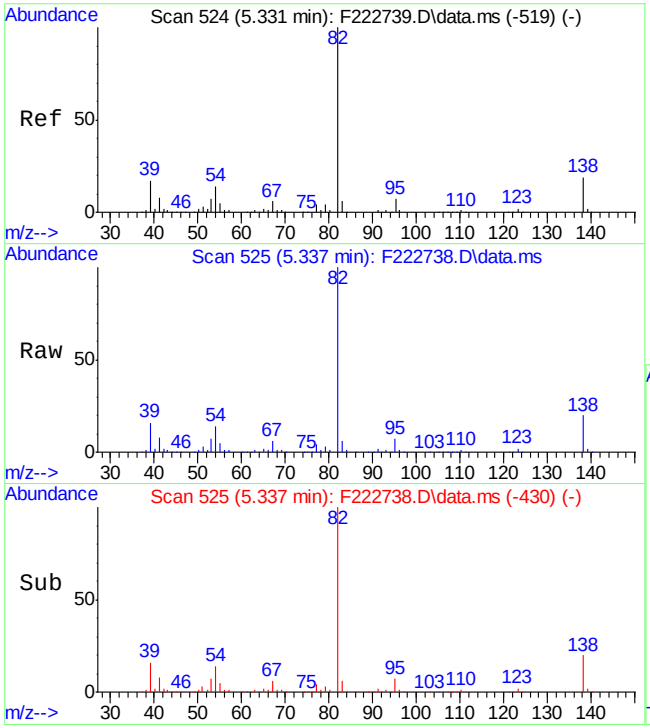


#27
Quinoline
Concen: 77.15 ppm m
RT: 5.919 min Scan# 634
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:129 Resp: 262538

Ion	Ratio	Lower	Upper
129	100		
128	19.2	0.0	49.8
102	26.6	0.0	55.7

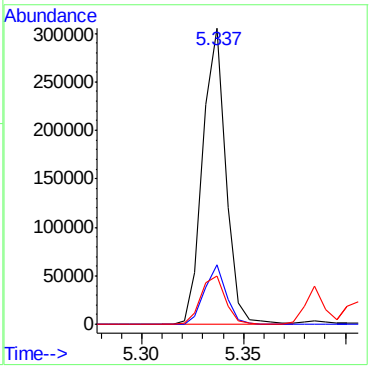


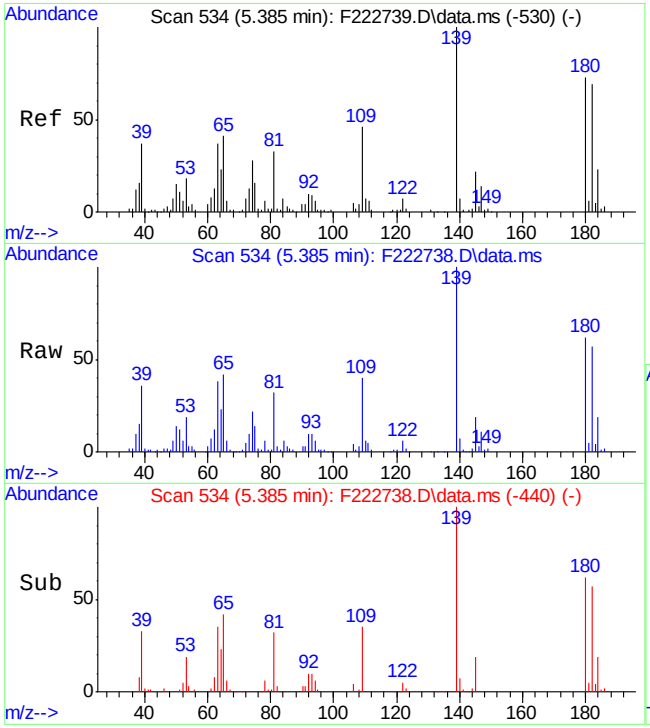


#28
Isophorone
Concen: 77.73 ppm
RT: 5.337 min Scan# 525
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 82 Resp: 238505

Ion	Ratio	Lower	Upper
82	100		
138	20.2	0.0	48.7
39	16.1	0.0	46.7

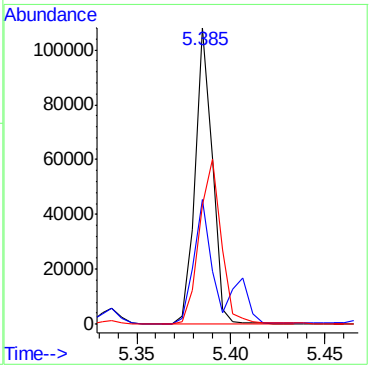


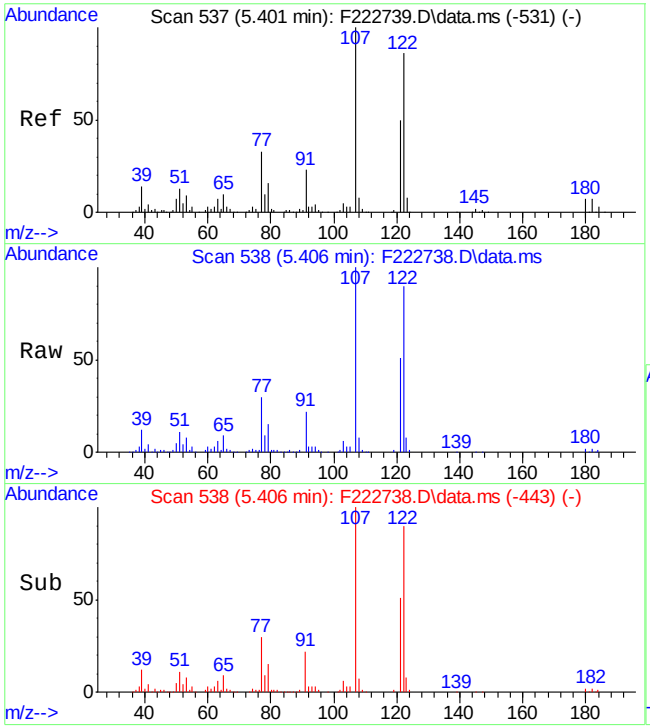


#29
2-Nitrophenol
Concen: 83.28 ppm
RT: 5.385 min Scan# 534
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:139 Resp: 68655

Ion	Ratio	Lower	Upper
139	100		
65	41.9	10.5	70.5
109	40.0	16.1	76.1

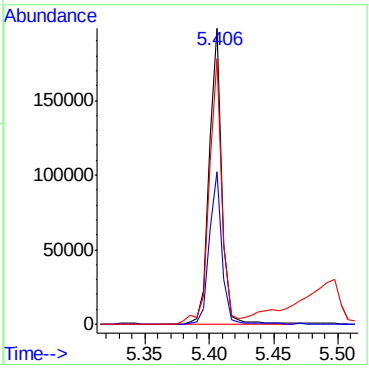


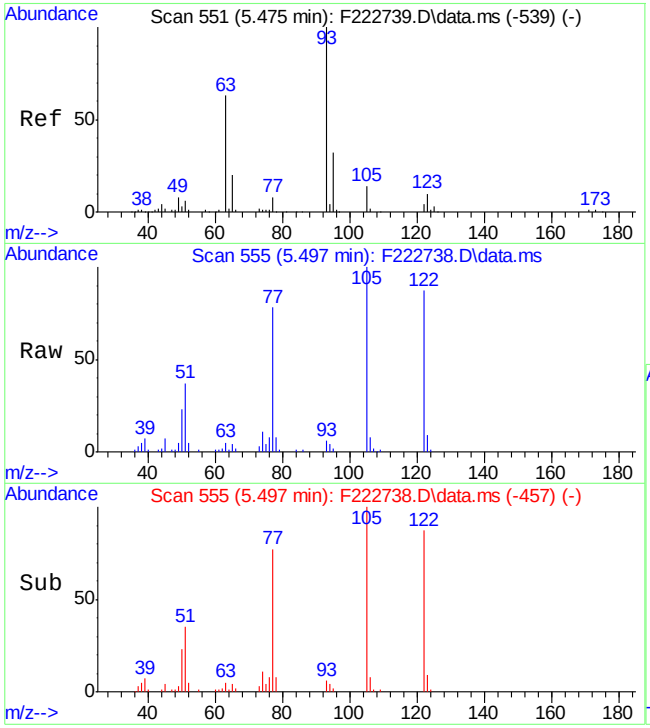


#30
2,4-Dimethylphenol
Concen: 78.06 ppm
RT: 5.406 min Scan# 538
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:107 Resp: 135765

Ion	Ratio	Lower	Upper
107	100		
121	51.3	20.1	80.1
122	86.5	49.3	109.3

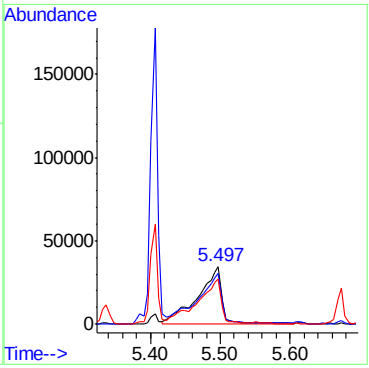


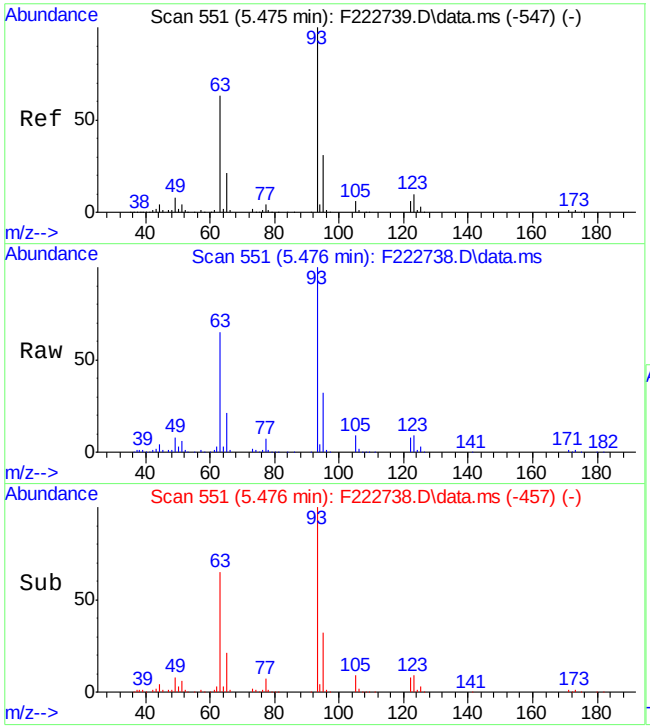


#31
Benzoic acid
Concen: 84.09 ppm
RT: 5.497 min Scan# 555
Delta R.T. 0.022 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:105 Resp: 84349

Ion	Ratio	Lower	Upper
105	100		
122	79.3	28.8	88.8
77	75.5	34.7	94.7

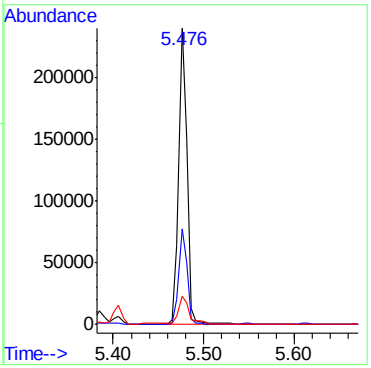


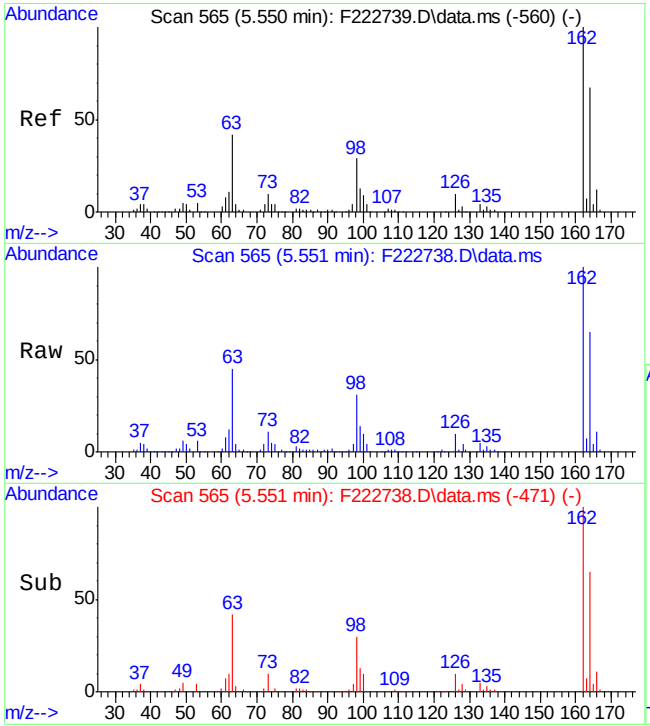


#32
bis(2-Chloroethoxy)methane
Concen: 78.40 ppm
RT: 5.476 min Scan# 551
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 93 Resp: 156135

Ion	Ratio	Lower	Upper
93	100		
95	32.1	1.4	61.4
123	9.2	0.0	40.0

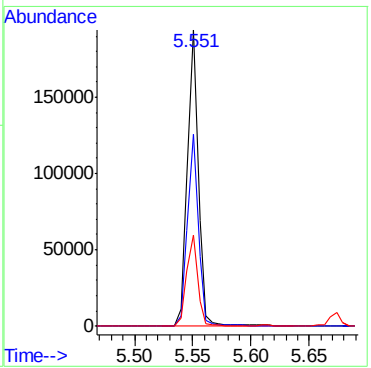


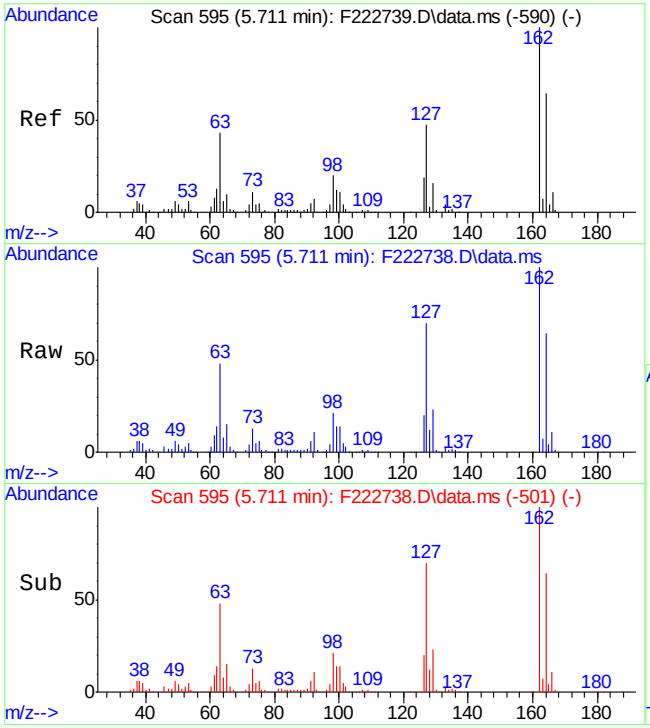


#33
2,4-Dichlorophenol
Concen: 81.55 ppm
RT: 5.551 min Scan# 565
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:162 Resp: 124975

Ion	Ratio	Lower	Upper
162	100		
164	64.6	36.7	96.7
98	30.6	0.0	59.1

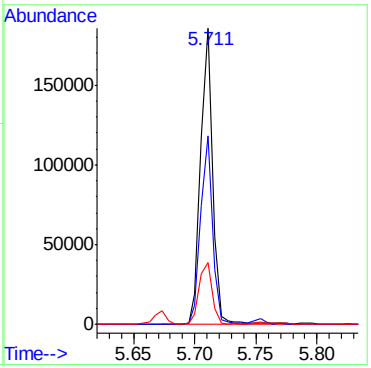


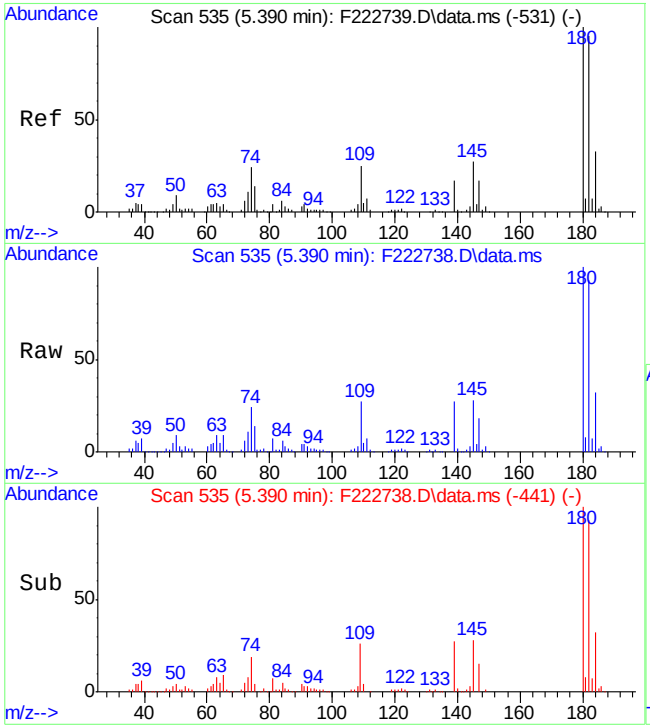


#34
2,6-Dichlorophenol
Concen: 79.92 ppm
RT: 5.711 min Scan# 595
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:162 Resp: 126220

Ion	Ratio	Lower	Upper
162	100		
164	63.8	34.3	94.3
98	18.6	0.0	49.7

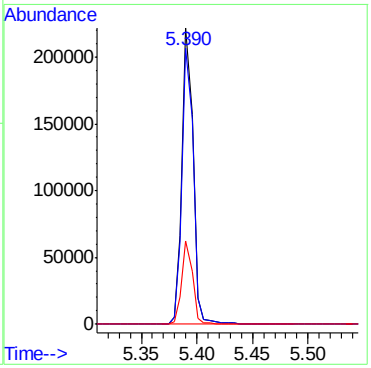


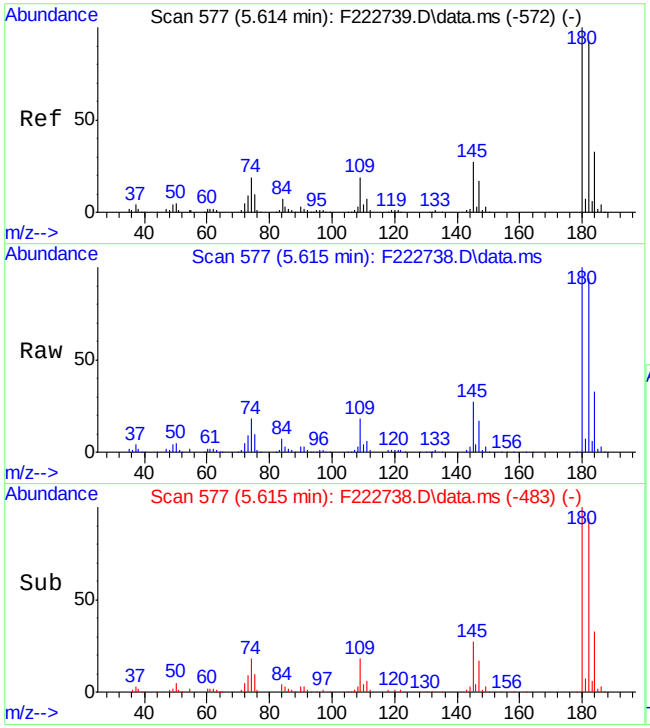


#35
1,3,5-Trichlorobenzene
Concen: 79.30 ppm
RT: 5.390 min Scan# 535
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:180 Resp: 154832

Ion	Ratio	Lower	Upper
180	100		
182	93.3	65.3	125.3
145	28.1	0.0	57.4

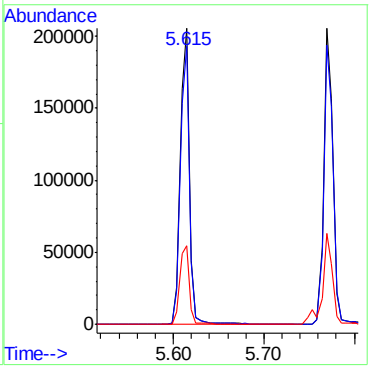


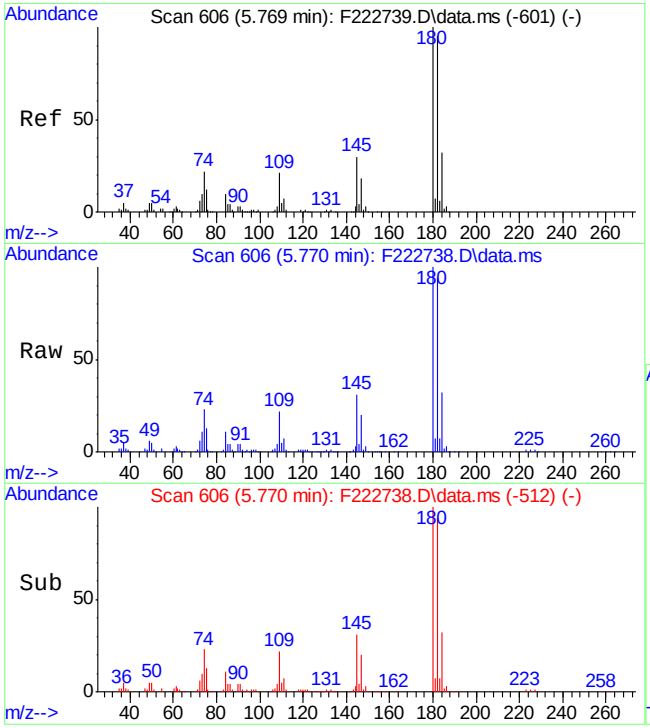


#36
1,2,4-Trichlorobenzene
Concen: 80.06 ppm
RT: 5.615 min Scan# 577
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:180 Resp: 146395

Ion	Ratio	Lower	Upper
180	100		
182	93.9	63.3	123.3
145	26.6	0.0	56.9

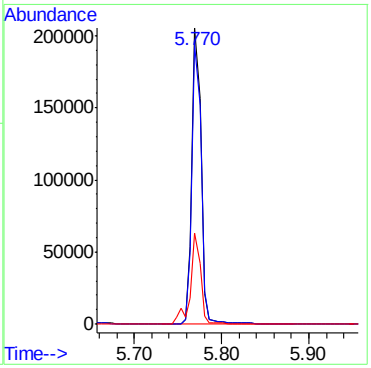


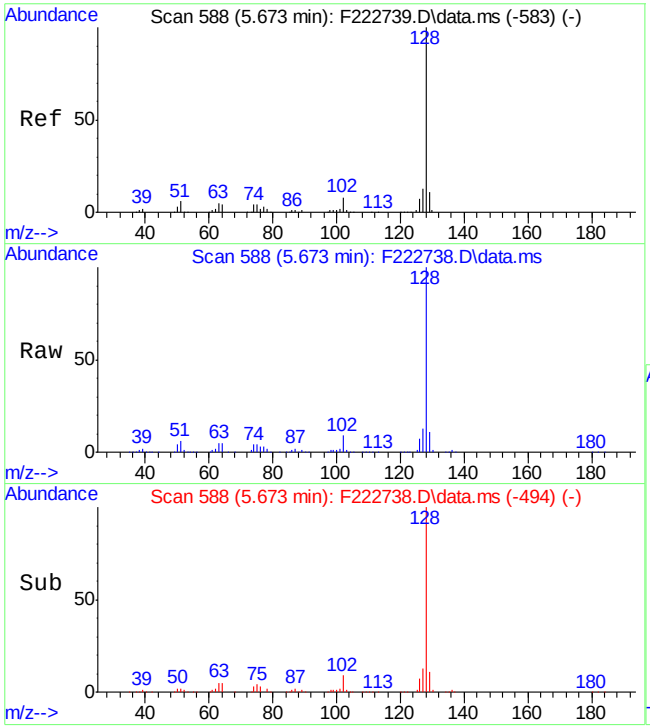


#37
1,2,3-Trichlorobenzene
Concen: 78.08 ppm
RT: 5.770 min Scan# 606
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:180 Resp: 146490

Ion	Ratio	Lower	Upper
180	100		
182	94.1	64.7	124.7
145	30.7	0.0	59.8

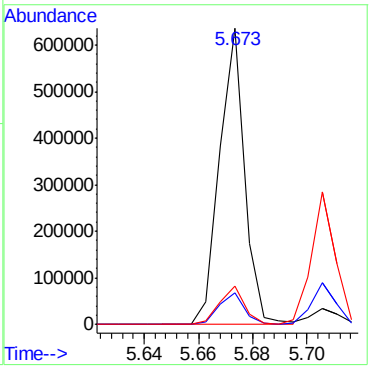


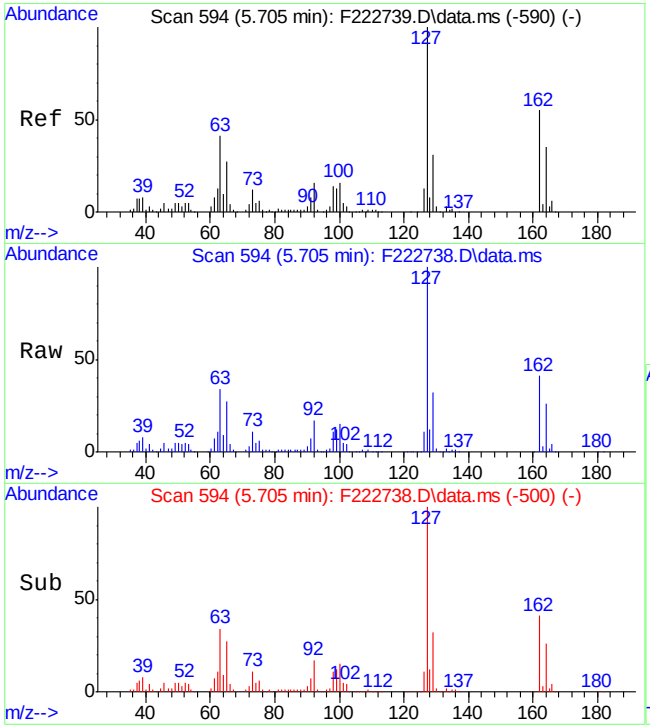


#38
Naphthalene
Concen: 78.57 ppm
RT: 5.673 min Scan# 588
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:128 Resp: 407807

Ion	Ratio	Lower	Upper
128	100		
129	10.6	0.0	40.5
127	12.4	0.0	42.8

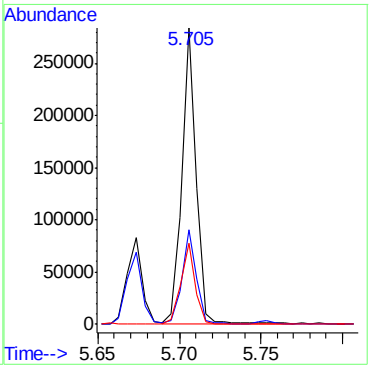


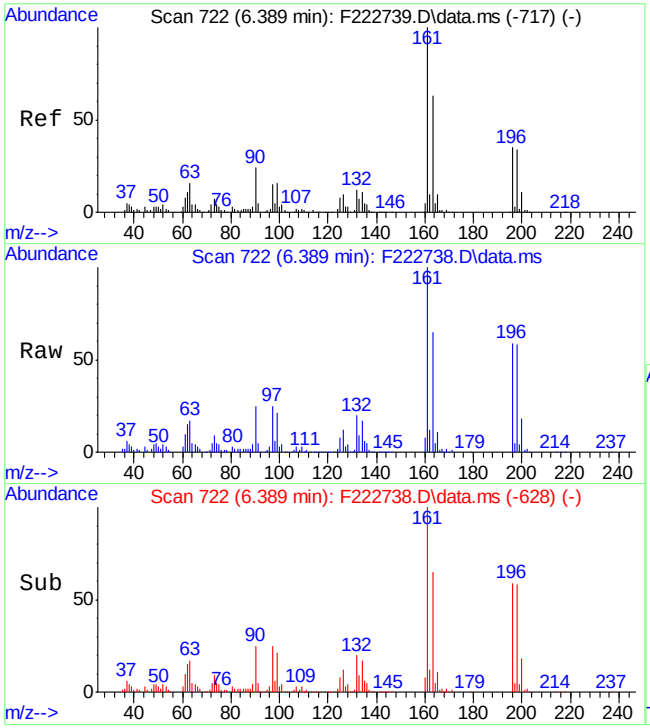


#39
4-Chloroaniline
Concen: 77.72 ppm
RT: 5.705 min Scan# 594
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:127 Resp: 175766

Ion	Ratio	Lower	Upper
127	100		
129	31.7	1.4	61.4
65	27.3	0.0	57.0

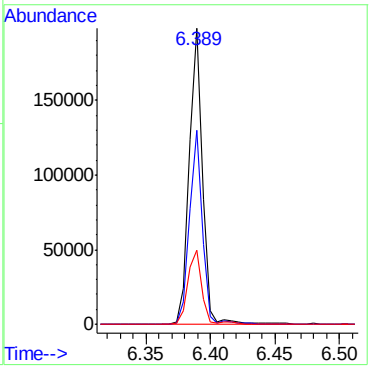


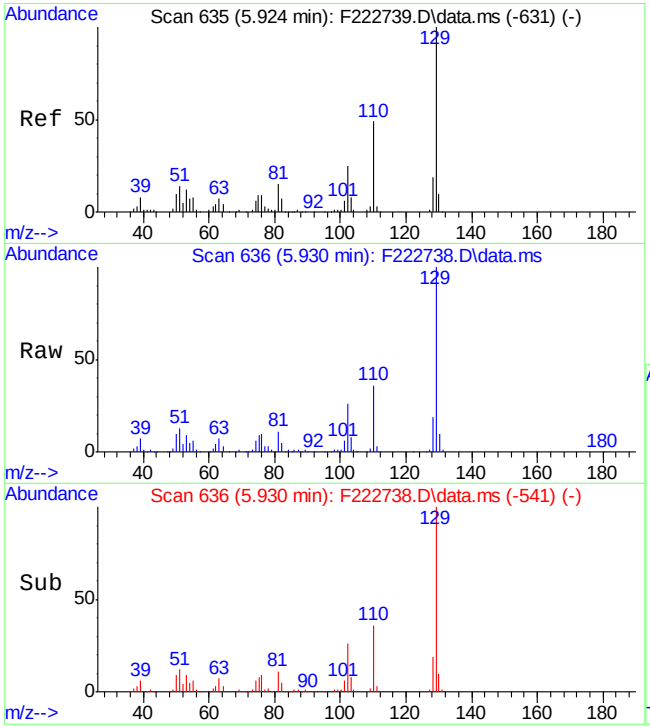


#40
2,3-Dichloroaniline
Concen: 78.93 ppm
RT: 6.389 min Scan# 722
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:161 Resp: 145424

Ion	Ratio	Lower	Upper
161	100		
163	65.4	32.9	92.9
90	25.1	0.0	54.3

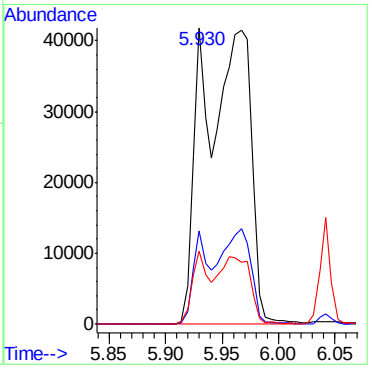


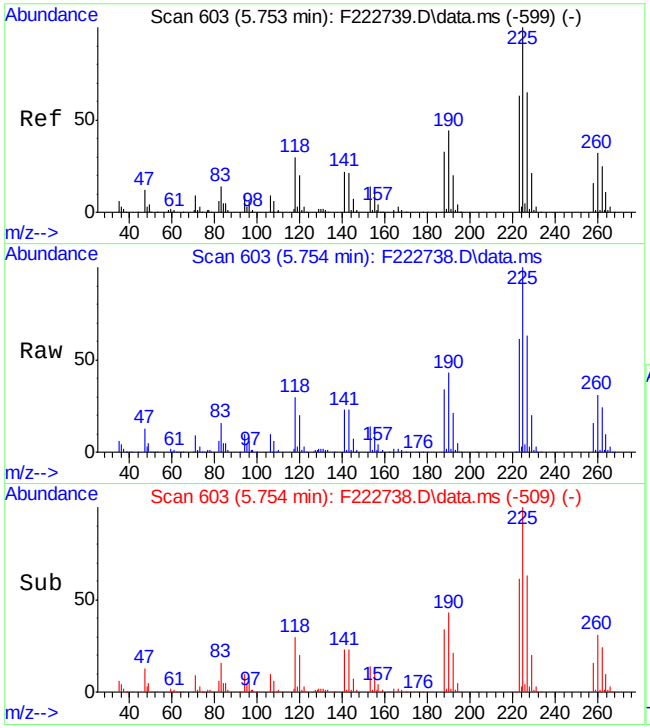


#41
Hydroquinone
Concen: 77.77 ppm m
RT: 5.930 min Scan# 636
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:110 Resp: 118715

Ion	Ratio	Lower	Upper
110	100		
81	31.4	0.7	60.7
53	24.5	0.0	54.6

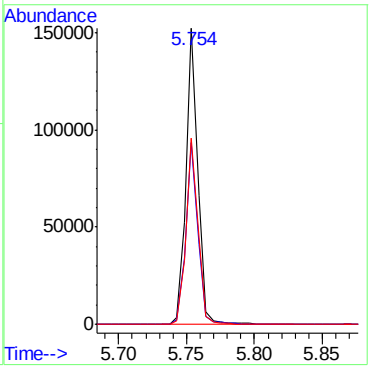


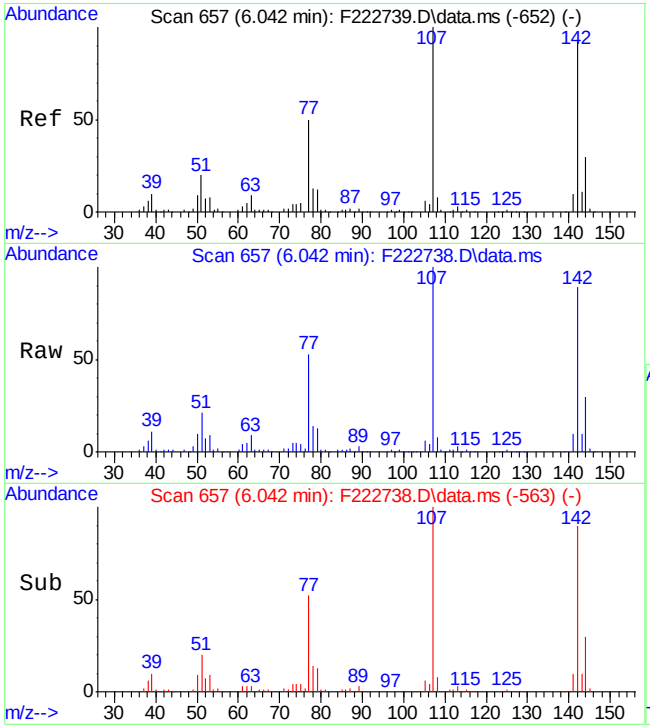


#42
Hexachlorobutadiene
Concen: 77.98 ppm
RT: 5.754 min Scan# 603
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:225 Resp: 92298

Ion	Ratio	Lower	Upper
225	100		
223	61.3	33.1	93.1
227	62.9	35.0	95.0

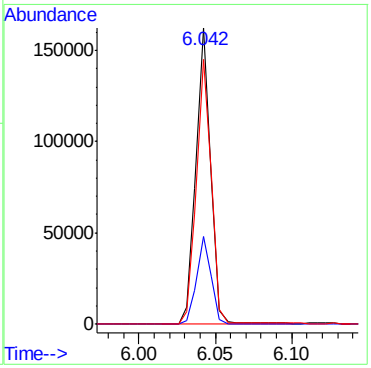


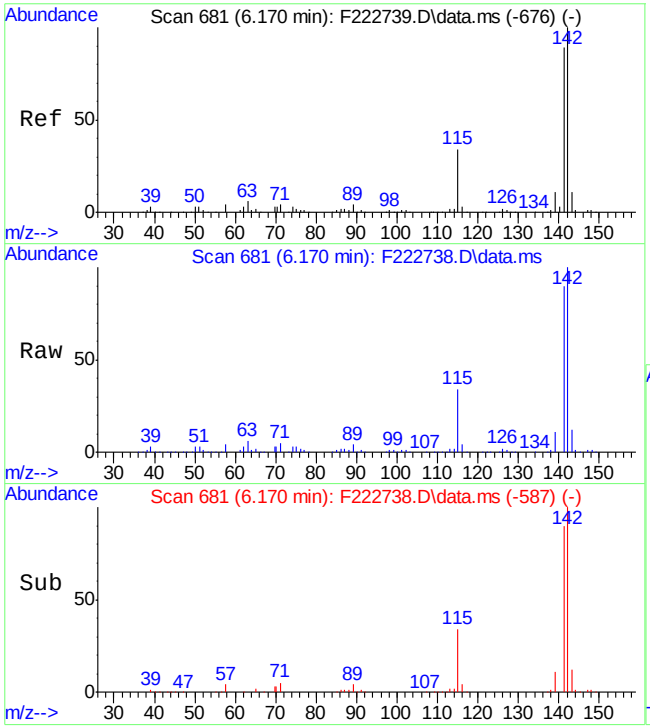


#43
4-Chloro-3-methylphenol
Concen: 76.44 ppm
RT: 6.042 min Scan# 657
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:107 Resp: 108746

Ion	Ratio	Lower	Upper
107	100		
144	29.7	0.0	59.6
142	89.2	62.6	122.6

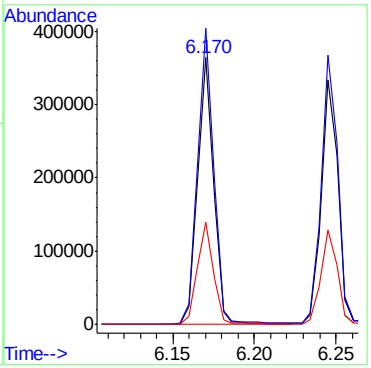


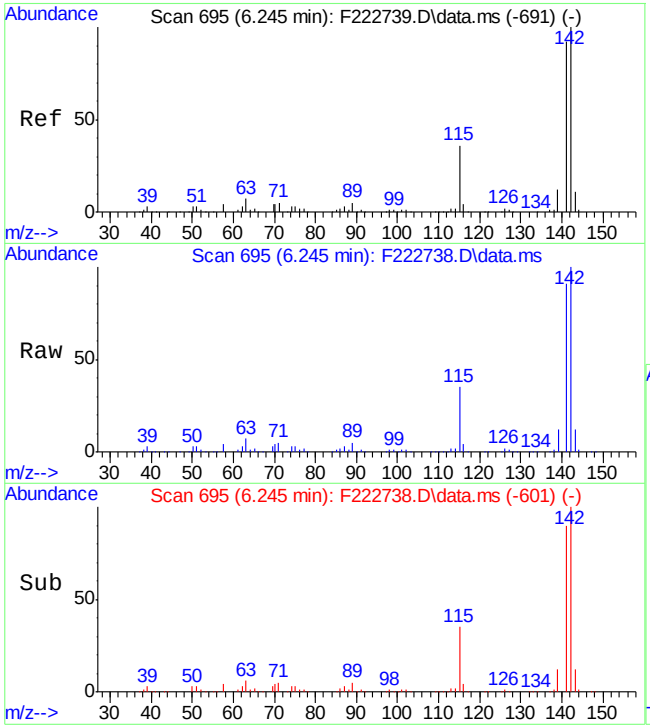


#44
2-Methylnaphthalene
Concen: 78.69 ppm
RT: 6.170 min Scan# 681
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:141 Resp: 249377

Ion	Ratio	Lower	Upper
141	100		
142	111.1	82.0	142.0
115	38.2	8.2	68.2

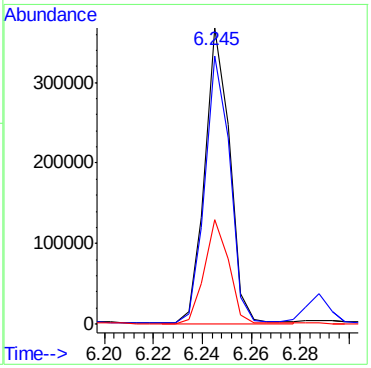


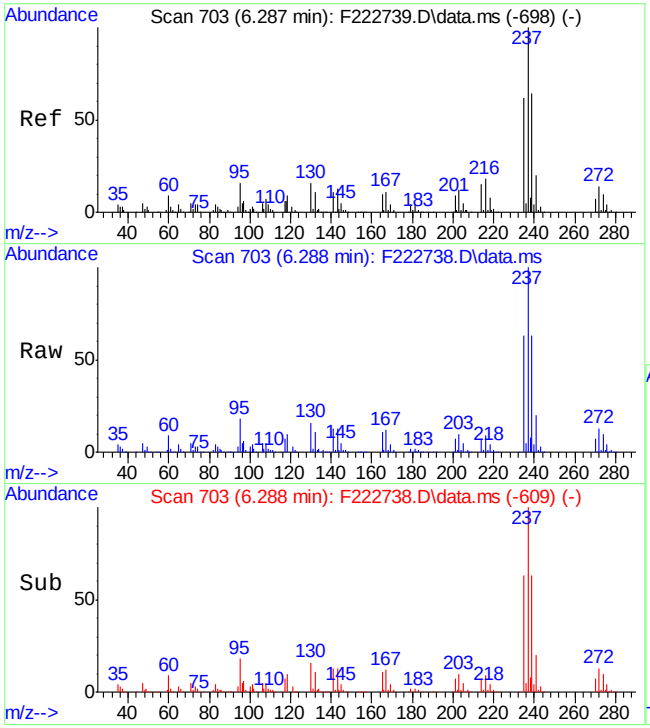


#45
1-Methylnaphthalene
Concen: 80.14 ppm
RT: 6.245 min Scan# 695
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:142 Resp: 261841

Ion	Ratio	Lower	Upper
142	100		
141	90.4	61.5	121.5
115	35.1	5.8	65.8

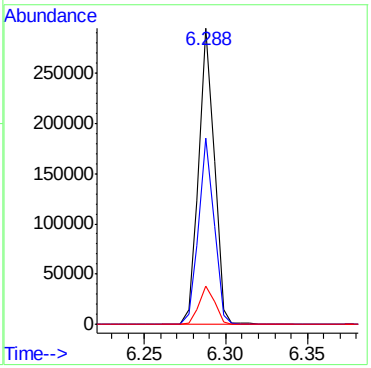


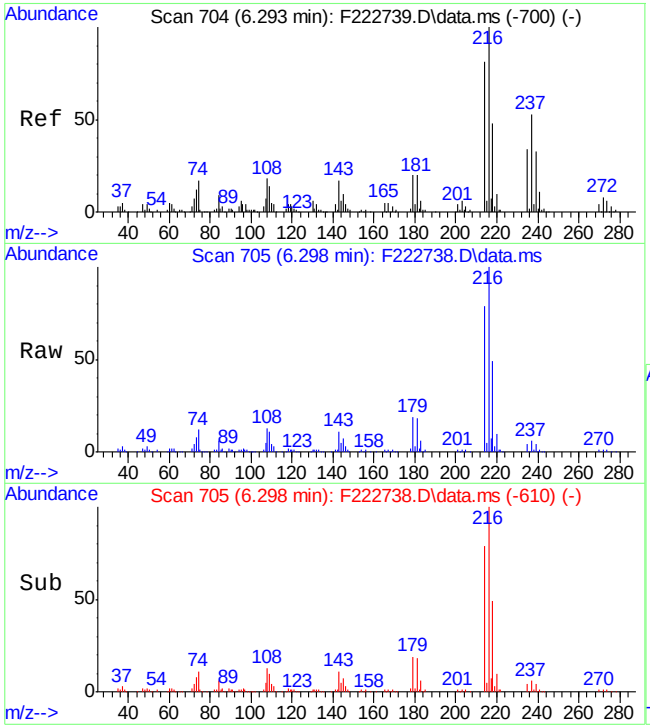


#47
Hexachlorocyclopentadiene
Concen: 163.27 ppm
RT: 6.288 min Scan# 703
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:237 Resp: 197288

Ion	Ratio	Lower	Upper
237	100		
235	62.9	32.2	92.2
272	12.8	0.0	43.6

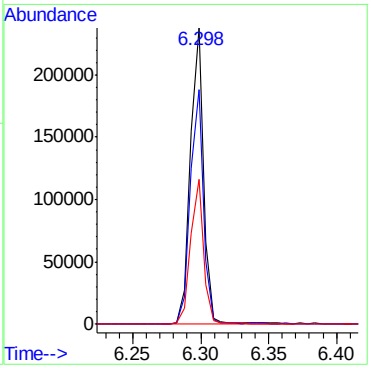


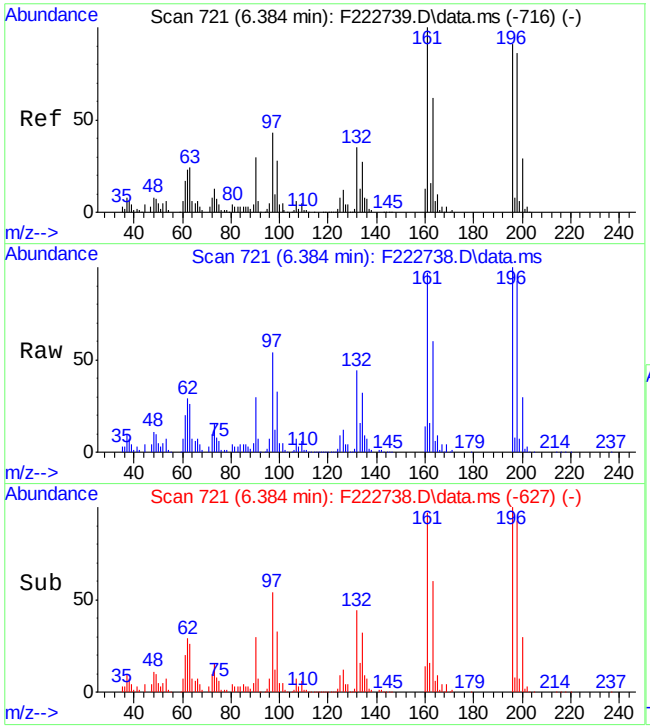


#48
1,2,4,5-tetrachlorobenzene
Concen: 78.18 ppm
RT: 6.298 min Scan# 705
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:216 Resp: 160746

Ion	Ratio	Lower	Upper
216	100		
214	78.5	55.4	103.0
218	48.5	33.4	62.0

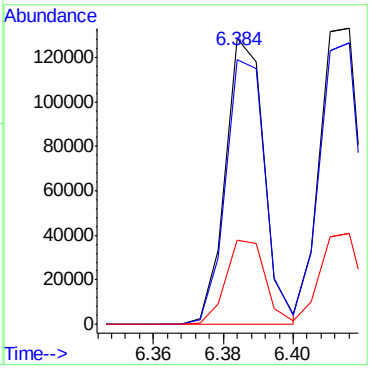


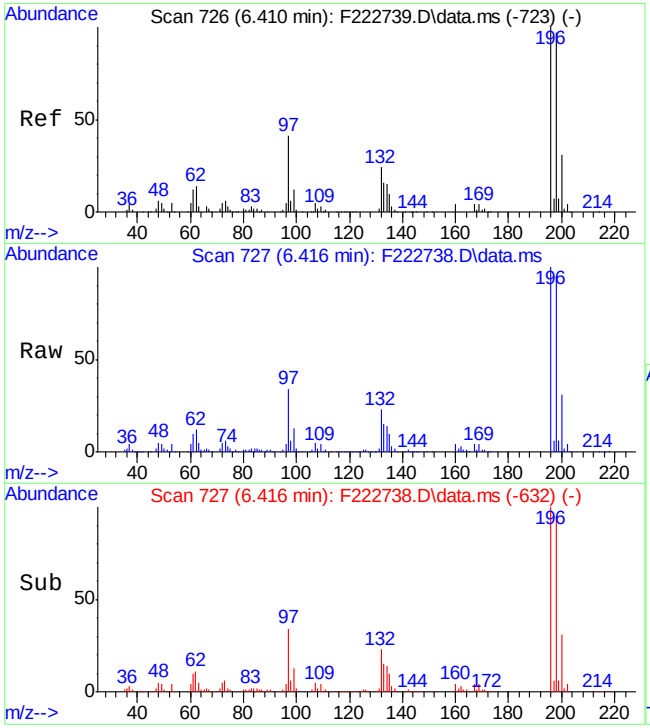


#49
2,4,6-Trichlorophenol
Concen: 79.06 ppm
RT: 6.384 min Scan# 721
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:196 Resp: 98249

Ion	Ratio	Lower	Upper
196	100		
198	92.8	64.2	124.2
200	29.5	2.2	62.2

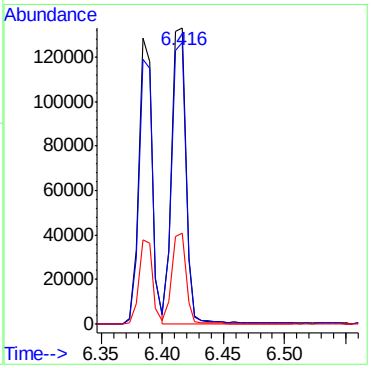


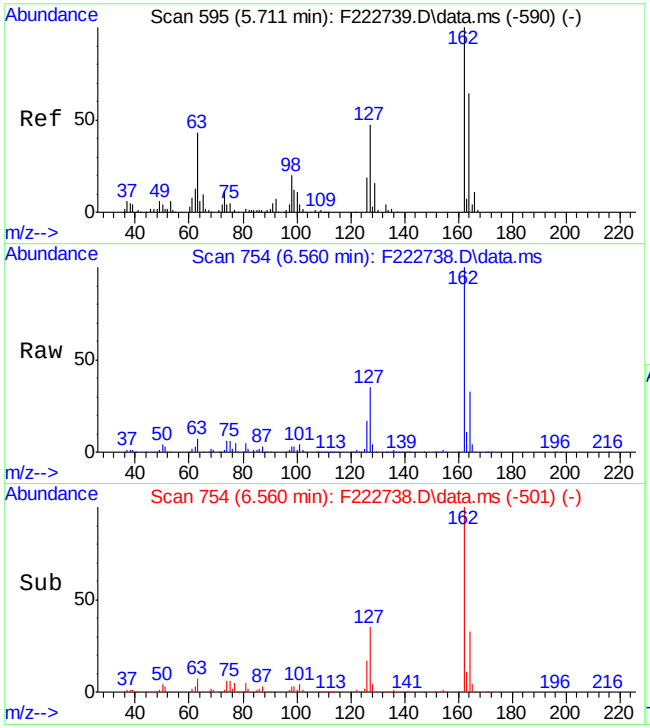


#50
2,4,5-Trichlorophenol
Concen: 78.29 ppm
RT: 6.416 min Scan# 727
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:196 Resp: 109654

Ion	Ratio	Lower	Upper
196	100		
198	95.1	67.0	127.0
200	30.5	1.2	61.2

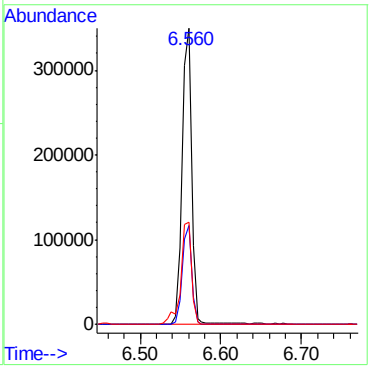


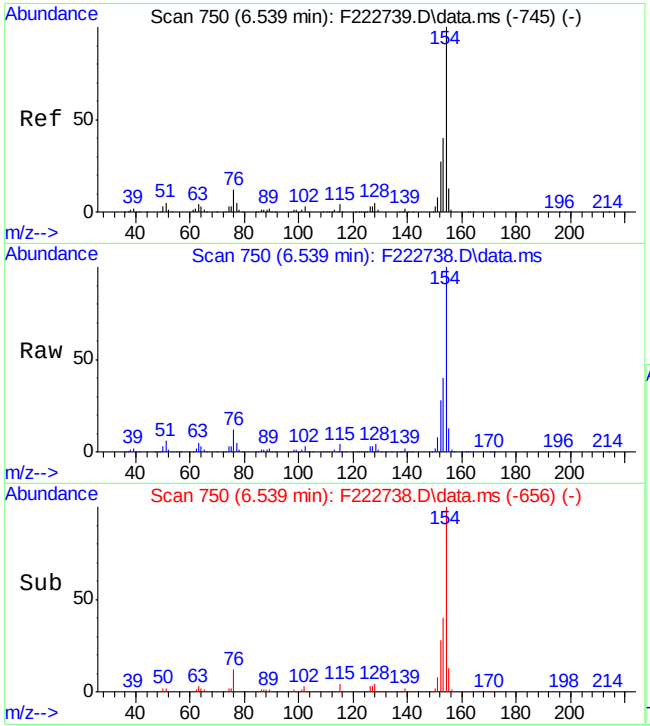


#52
2-Chloronaphthalene
Concen: 177.10 ppm m
RT: 6.560 min Scan# 754
Delta R.T. 0.850 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:162 Resp: 282143

Ion	Ratio	Lower	Upper
162	100		
164	33.3	34.3	94.3#
127	34.6	16.9	76.9

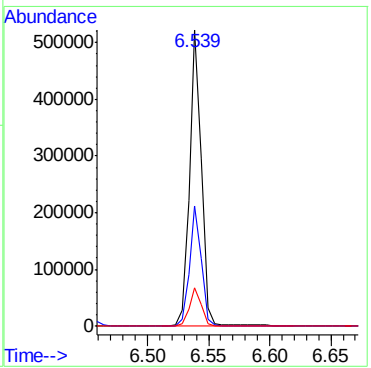


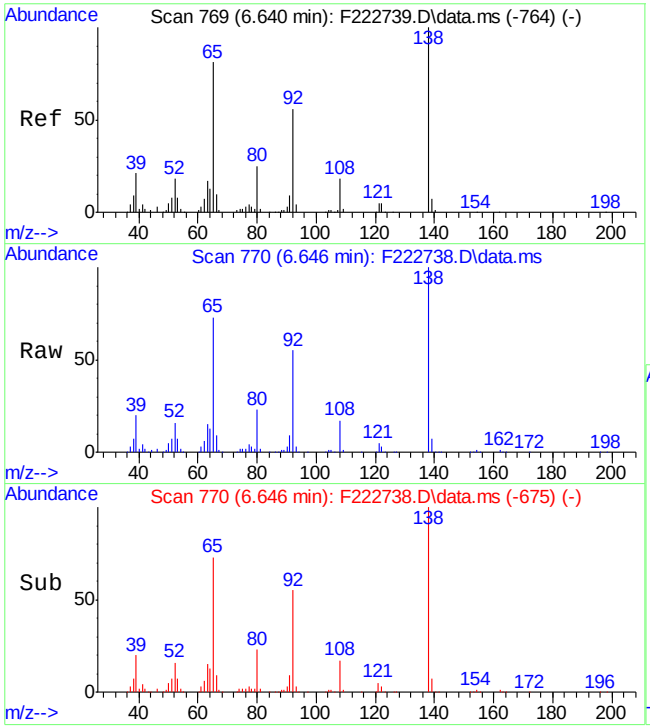


#53
Biphenyl
Concen: 78.07 ppm
RT: 6.539 min Scan# 750
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:154 Resp: 359984

Ion	Ratio	Lower	Upper
154	100		
153	40.4	9.8	69.8
155	12.9	0.0	42.7

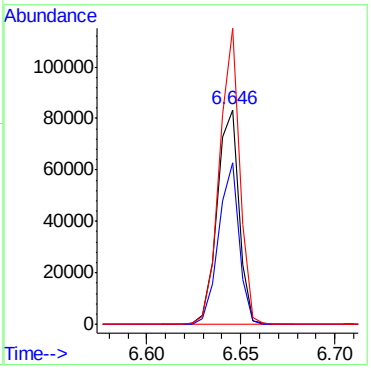


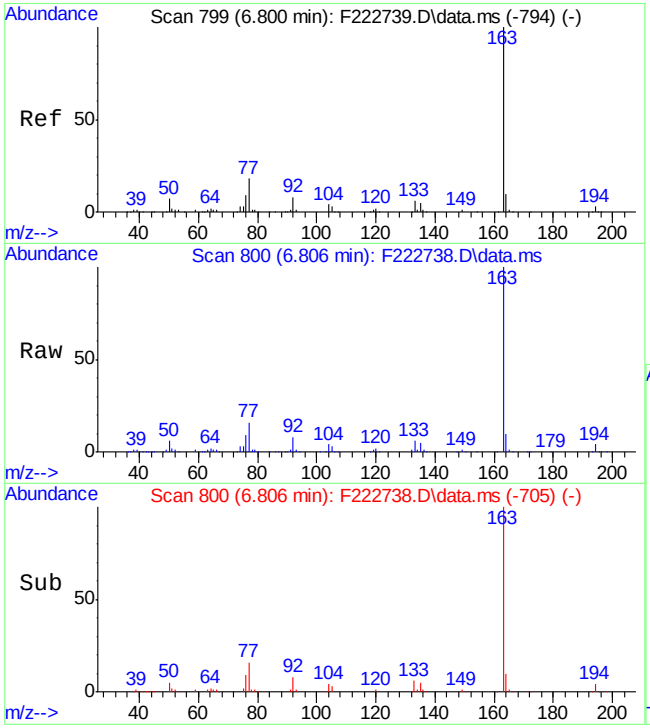


#54
2-Nitroaniline
Concen: 78.50 ppm
RT: 6.646 min Scan# 770
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 65 Resp: 67136

Ion	Ratio	Lower	Upper
65	100		
92	75.4	38.6	98.6
138	137.7	93.5	153.5

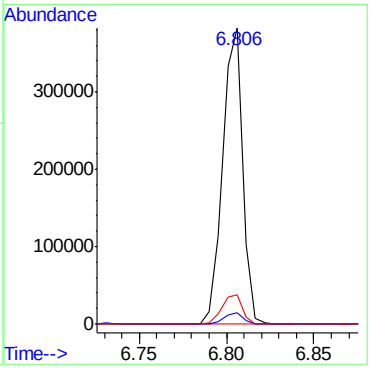


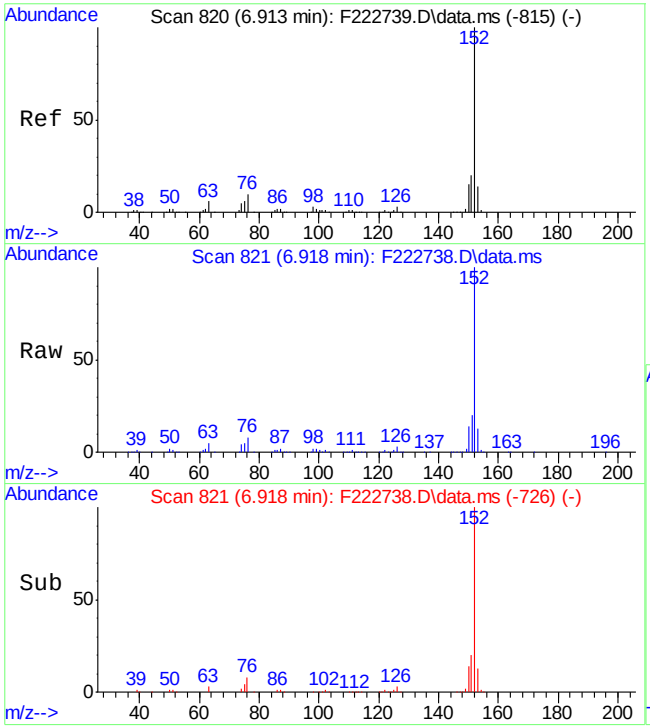


#55
Dimethylphthalate
Concen: 77.82 ppm
RT: 6.806 min Scan# 800
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:163 Resp: 307392

Ion	Ratio	Lower	Upper
163	100		
194	3.7	0.0	33.4
164	10.0	0.0	40.3

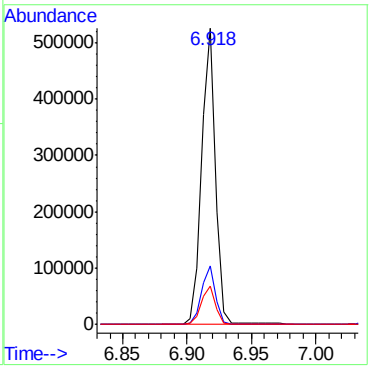


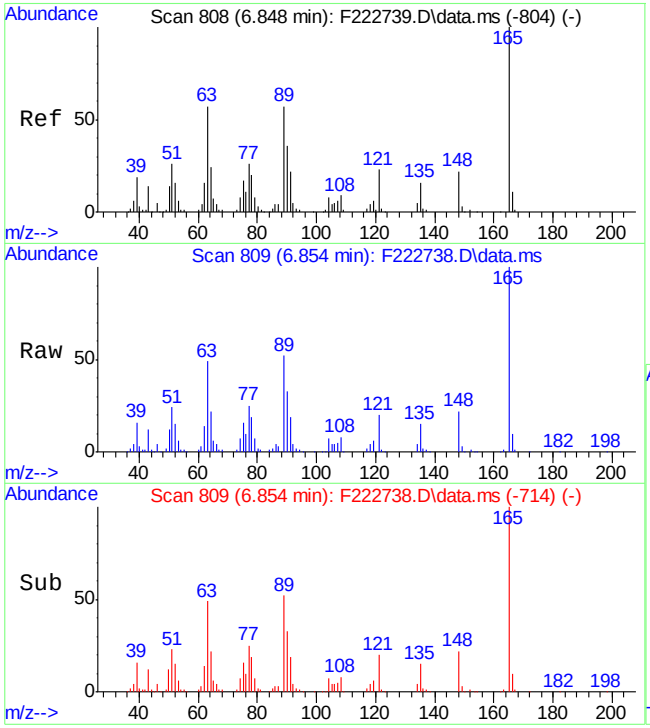


#56
Acenaphthylene
Concen: 78.78 ppm
RT: 6.918 min Scan# 821
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:152 Resp: 399749

Ion	Ratio	Lower	Upper
152	100		
151	19.7	0.0	49.9
153	13.1	0.0	43.5

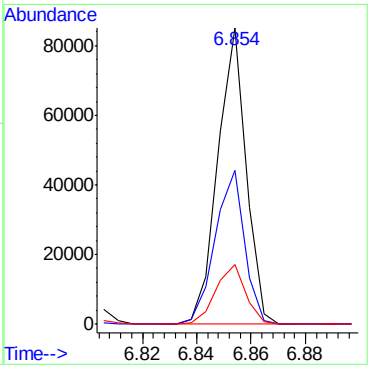


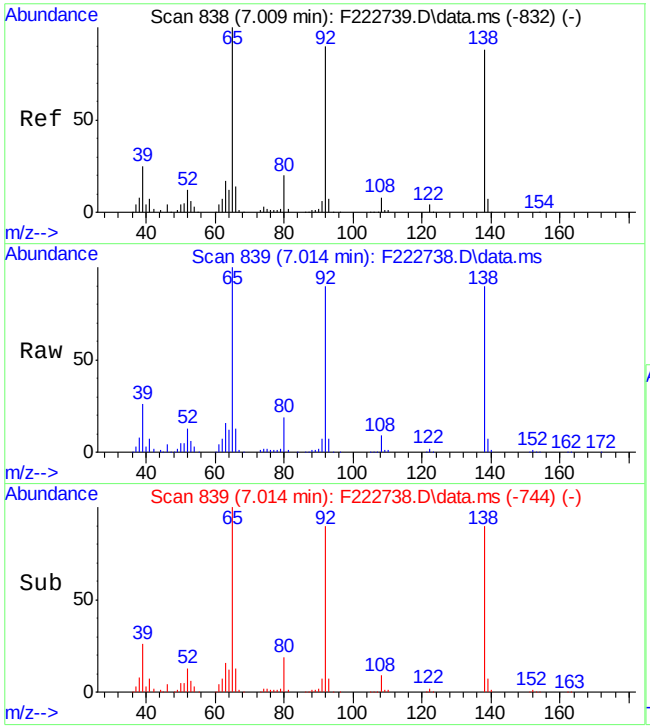


#57
2,6-Dinitrotoluene
Concen: 81.52 ppm
RT: 6.854 min Scan# 809
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:165 Resp: 61481

Ion	Ratio	Lower	Upper
165	100		
89	52.0	27.1	87.1
121	20.1	0.0	52.5

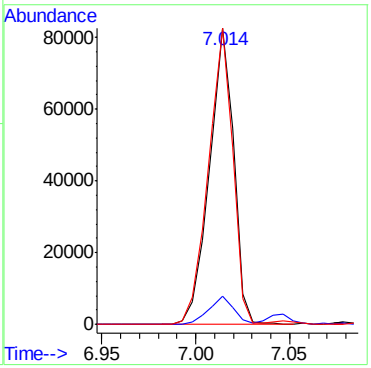


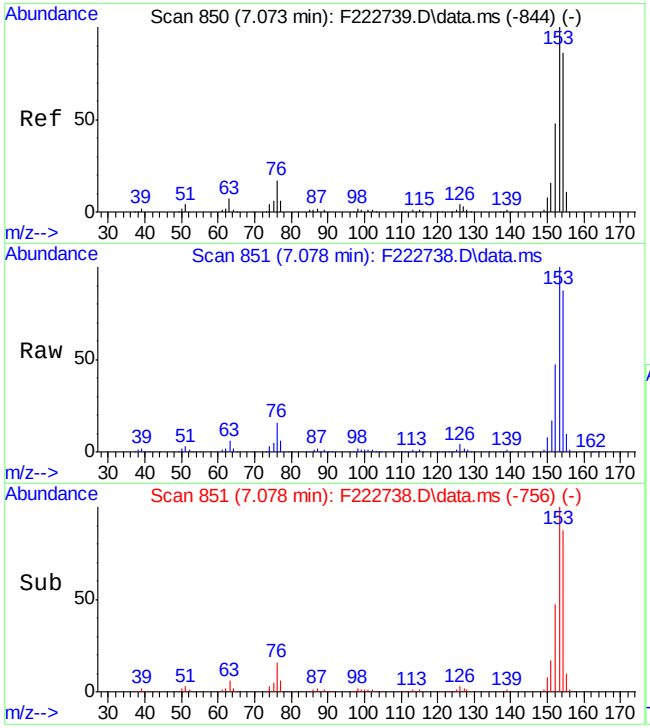


#58
3-Nitroaniline
Concen: 81.85 ppm
RT: 7.014 min Scan# 839
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:138 Resp: 73824

Ion	Ratio	Lower	Upper
138	100		
108	8.9	0.0	37.0
92	99.8	72.1	132.1

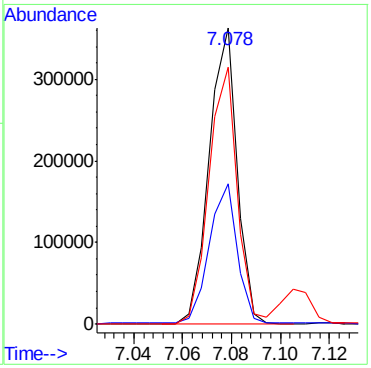


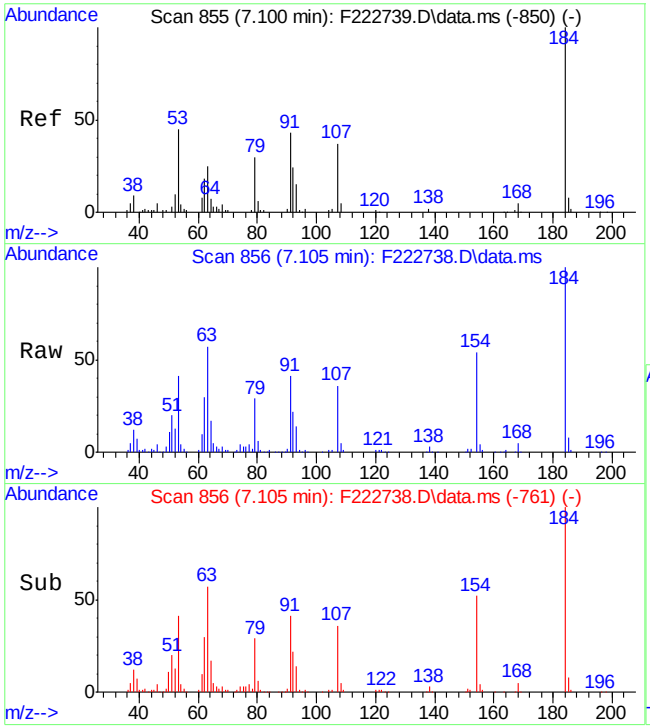


#59
Acenaphthene
Concen: 77.52 ppm
RT: 7.078 min Scan# 851
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:153 Resp: 288974

Ion	Ratio	Lower	Upper
153	100		
152	46.9	17.5	77.5
154	80.8	49.9	109.9

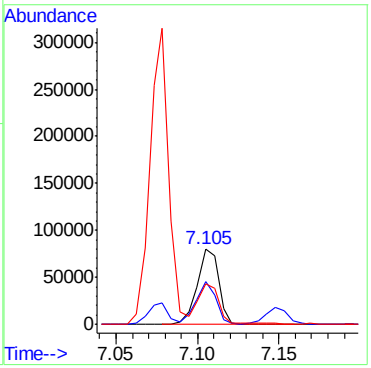


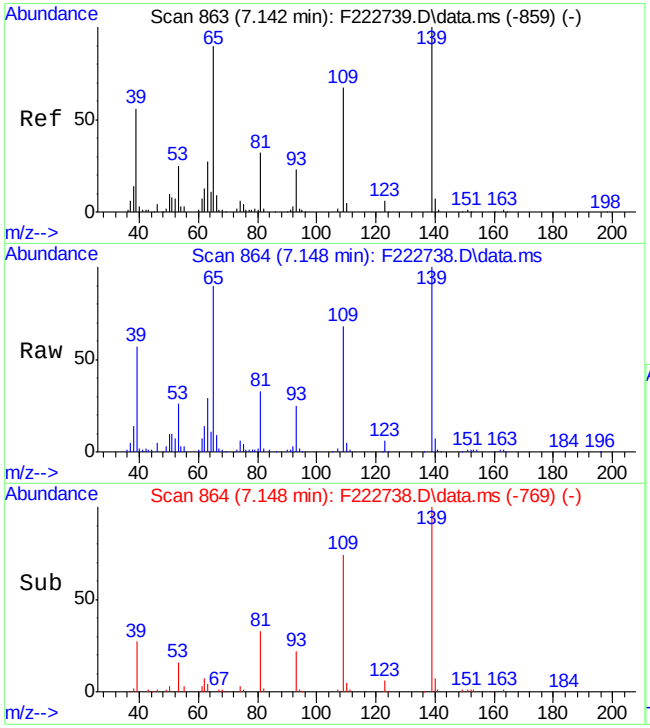


#60
2,4-Dinitrophenol
Concen: 180.39 ppm
RT: 7.105 min Scan# 856
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:184 Resp: 72946

Ion	Ratio	Lower	Upper
184	100		
63	40.7	4.1	64.1
154	0.0	0.0	30.0

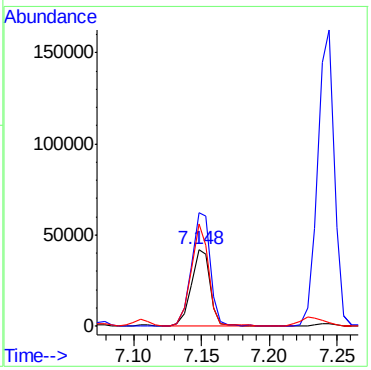


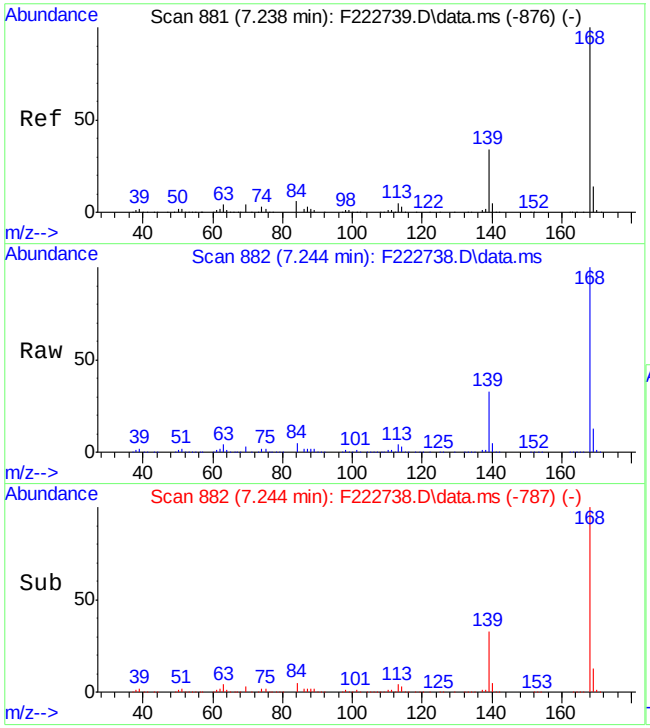


#61
4-Nitrophenol
Concen: 78.82 ppm
RT: 7.148 min Scan# 864
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:109 Resp: 40527

Ion	Ratio	Lower	Upper
109	100		
139	147.2	119.2	179.2
65	131.1	104.1	164.1

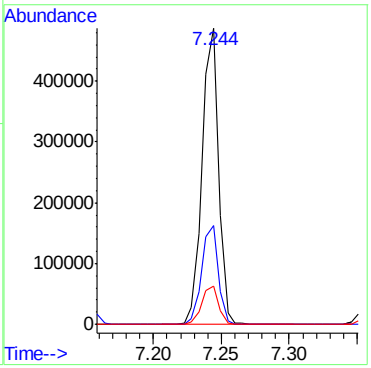


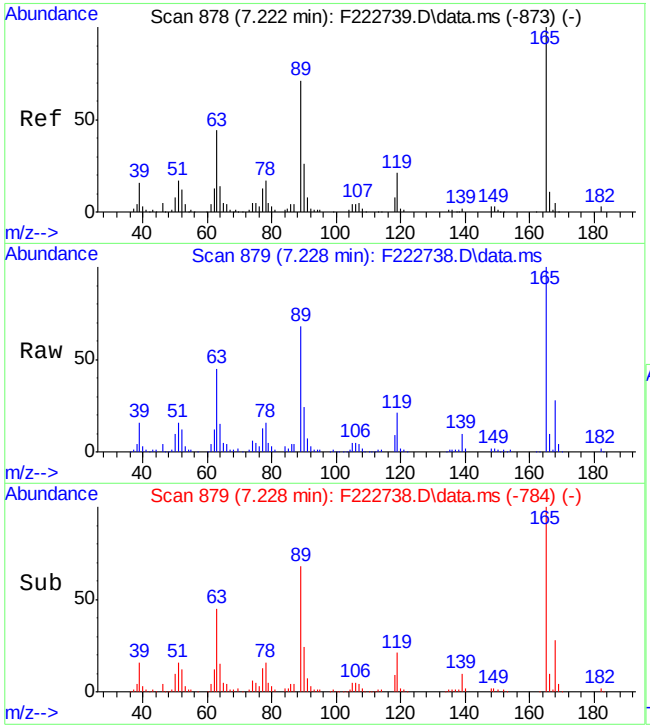


#62
Dibenzofuran
Concen: 77.78 ppm
RT: 7.244 min Scan# 882
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:168 Resp: 411687

Ion	Ratio	Lower	Upper
168	100		
139	33.3	4.3	64.3
169	13.1	0.0	43.5

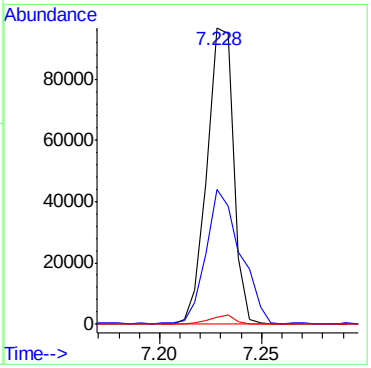


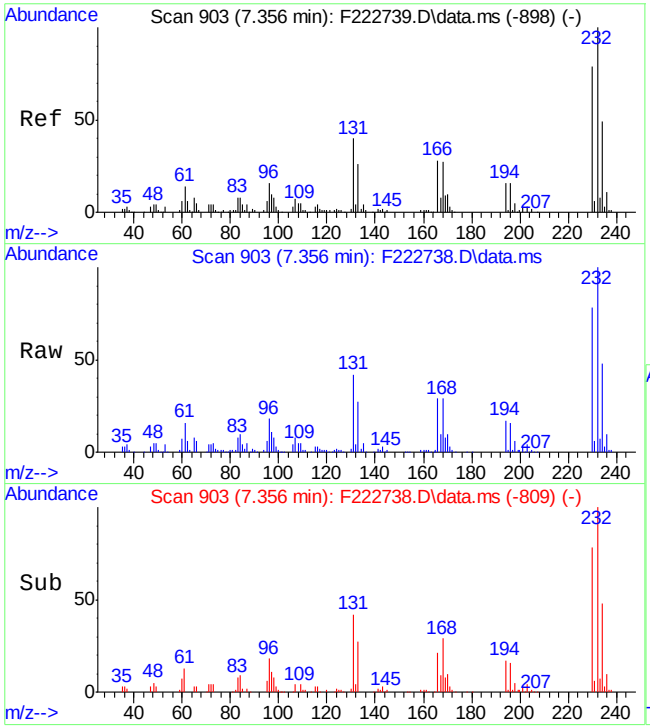


#63
2,4-Dinitrotoluene
Concen: 81.42 ppm
RT: 7.228 min Scan# 879
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:165 Resp: 87511

Ion	Ratio	Lower	Upper
165	100		
63	45.2	13.5	73.5
182	2.3	0.0	33.0

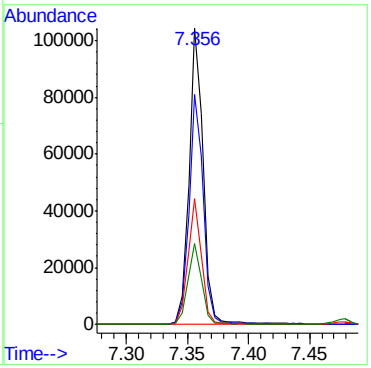


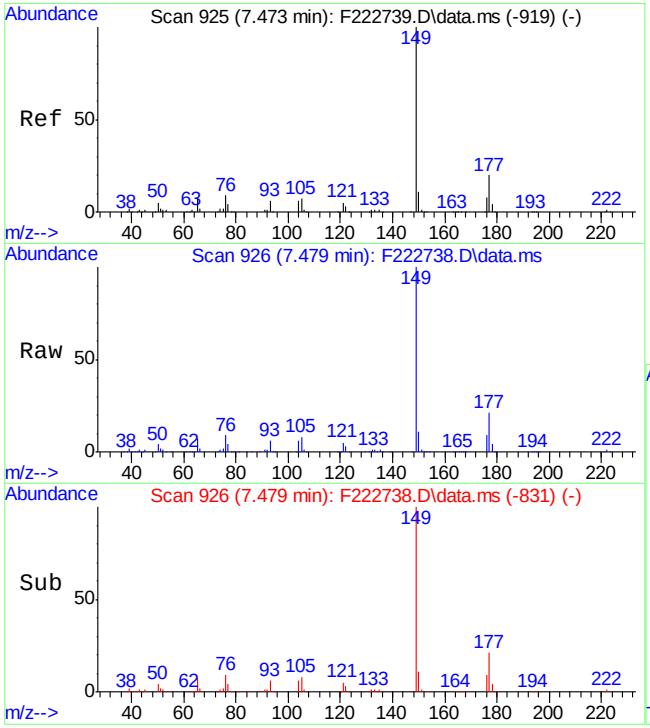


#64
2,3,4,6-Tetrachlorophenol
Concen: 79.69 ppm
RT: 7.356 min Scan# 903
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:232 Resp: 84947

Ion	Ratio	Lower	Upper
232	100		
230	77.6	49.1	109.1
131	42.4	9.6	69.6
133	27.2	0.0	55.9

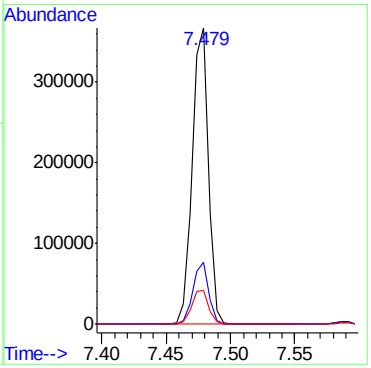


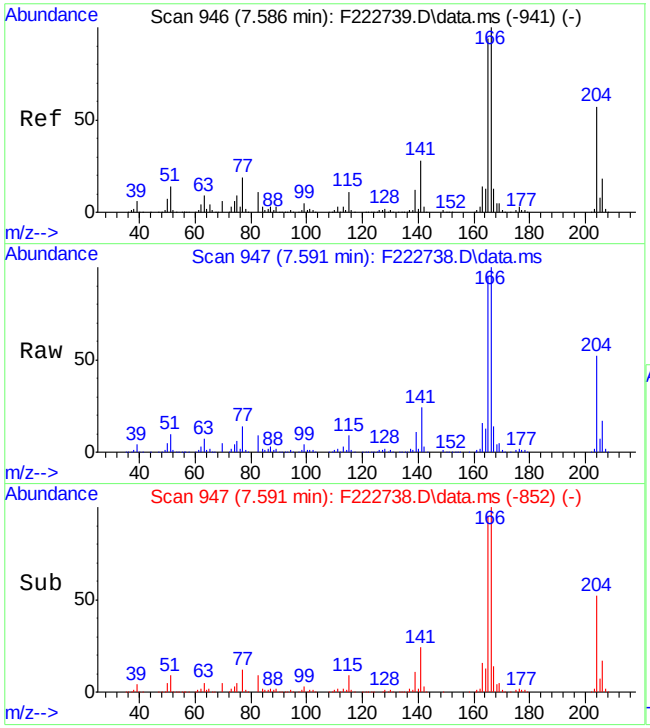


#65
Diethylphthalate
Concen: 78.59 ppm
RT: 7.479 min Scan# 926
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:149 Resp: 326993

Ion	Ratio	Lower	Upper
149	100		
177	20.8	0.0	50.0
150	11.2	0.0	41.3

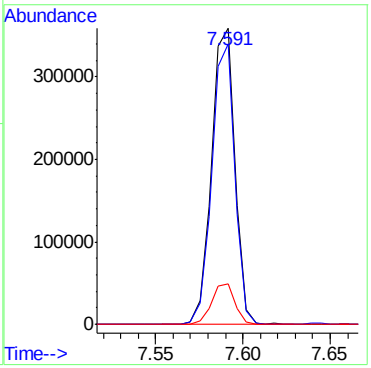


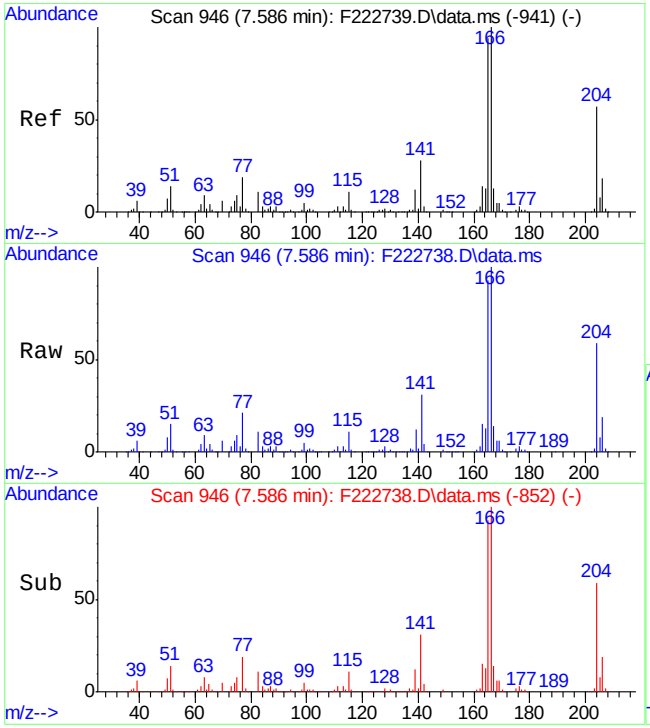


#66
Fluorene
Concen: 78.95 ppm
RT: 7.591 min Scan# 947
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:166 Resp: 332264

Ion	Ratio	Lower	Upper
166	100		
165	94.7	63.9	123.9
167	13.7	0.0	43.3

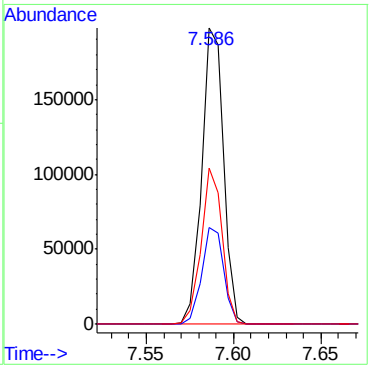


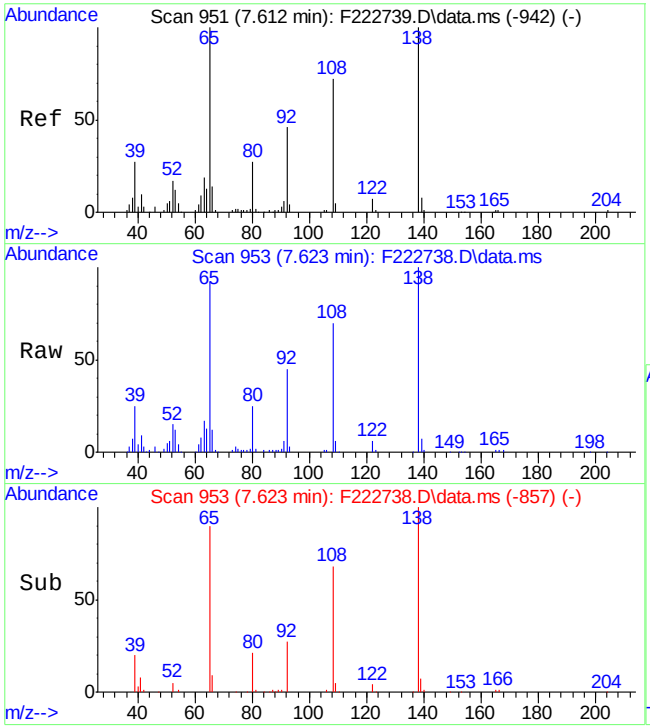


#67
4-Chlorophenyl-phenylether
Concen: 77.69 ppm
RT: 7.586 min Scan# 946
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:204 Resp: 171479

Ion	Ratio	Lower	Upper
204	100		
206	32.6	1.1	61.1
141	52.7	19.4	79.4

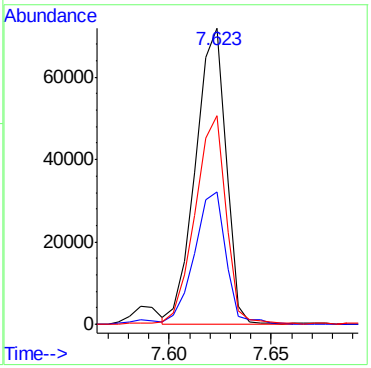


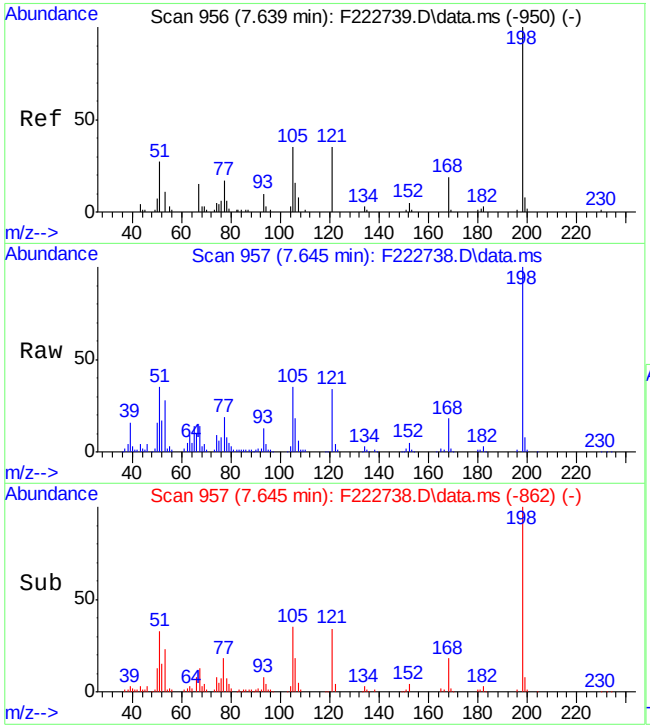


#68
4-Nitroaniline
Concen: 75.96 ppm
RT: 7.623 min Scan# 953
Delta R.T. 0.011 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:138 Resp: 74667

Ion	Ratio	Lower	Upper
138	100		
92	44.7	15.6	75.6
108	70.7	42.0	102.0

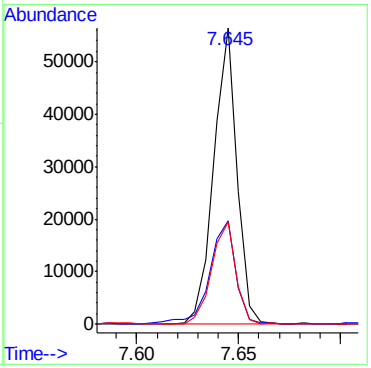


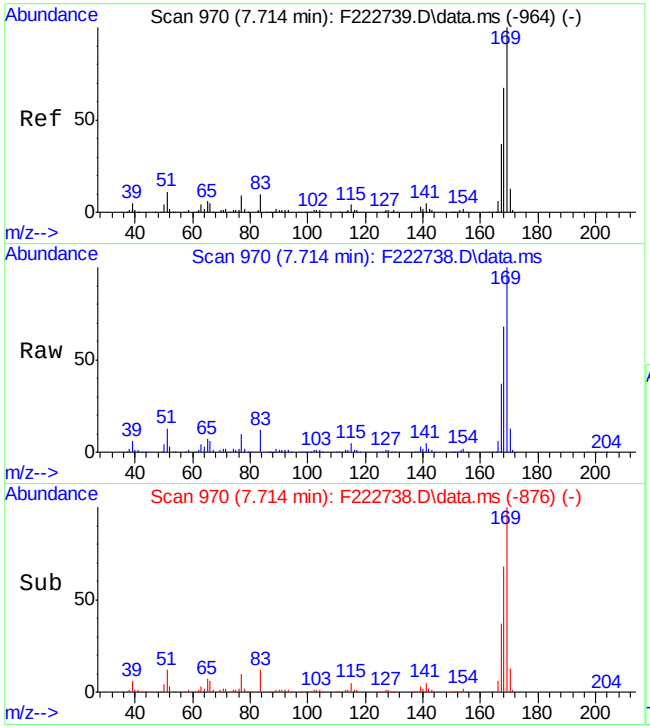


#70
4,6-Dinitro-2-methylphenol
Concen: 88.68 ppm
RT: 7.645 min Scan# 957
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:198 Resp: 44742

Ion	Ratio	Lower	Upper
198	100		
105	34.6	5.1	65.1
121	34.3	4.9	64.9

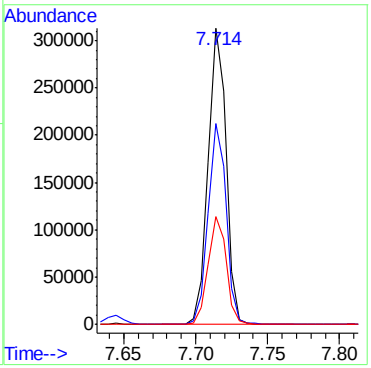


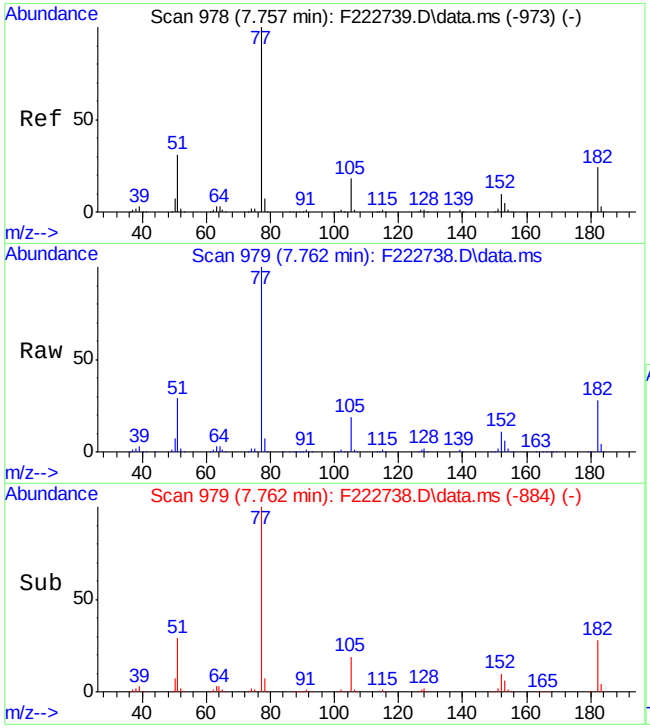


#71
n-Nitrosodiphenylamine
Concen: 77.60 ppm
RT: 7.714 min Scan# 970
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:169 Resp: 271673

Ion	Ratio	Lower	Upper
169	100		
168	67.9	36.8	96.8
167	36.5	6.9	66.9

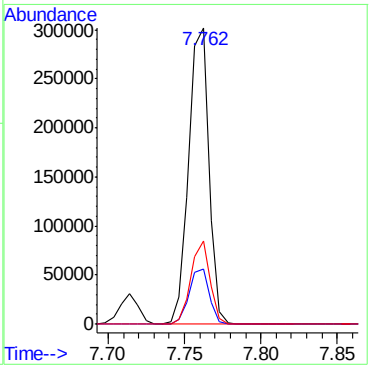


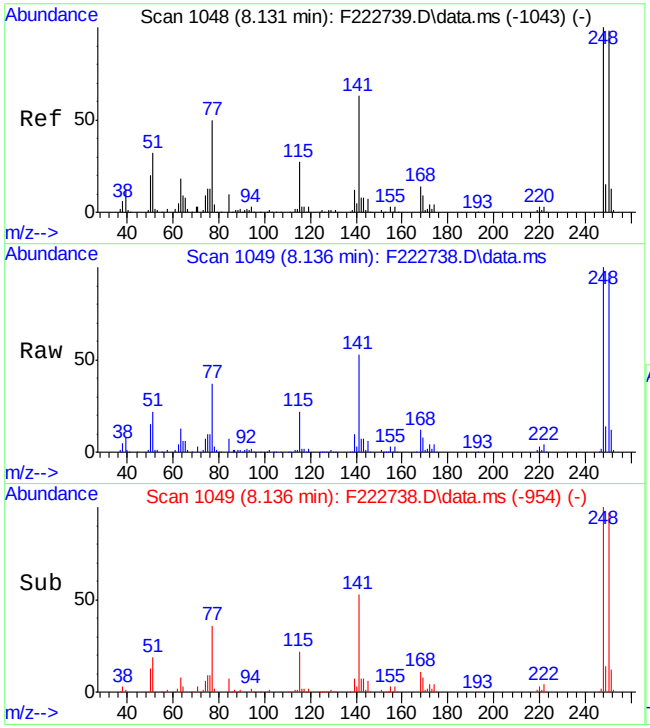


#72
1,2-Diphenylhydrazine
Concen: 77.26 ppm
RT: 7.762 min Scan# 979
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 77 Resp: 278023

Ion	Ratio	Lower	Upper
77	100		
105	18.7	0.0	48.0
182	28.0	0.0	54.0

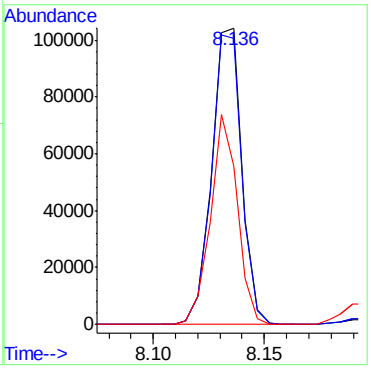


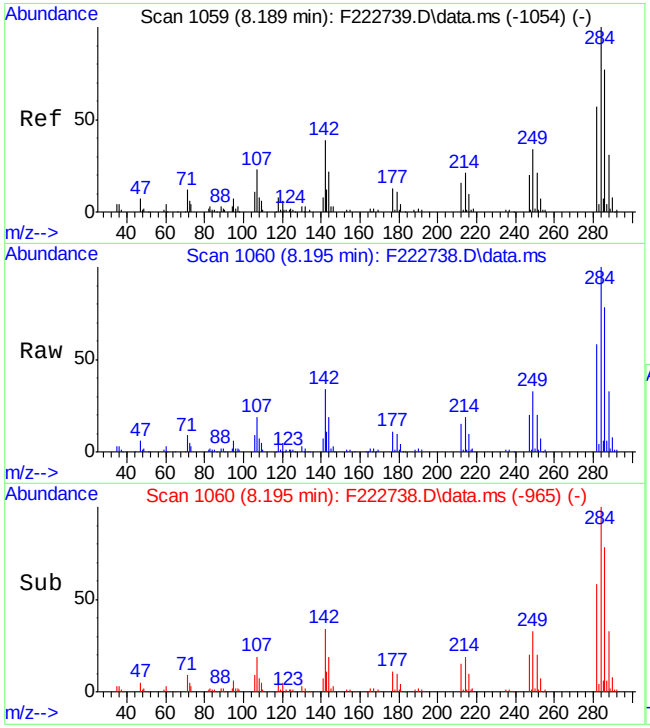


#74
4-Bromophenyl-phenylether
Concen: 79.13 ppm
RT: 8.136 min Scan# 1049
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:248 Resp: 98626

Ion	Ratio	Lower	Upper
248	100		
250	96.5	68.5	128.5
141	53.5	33.3	93.3

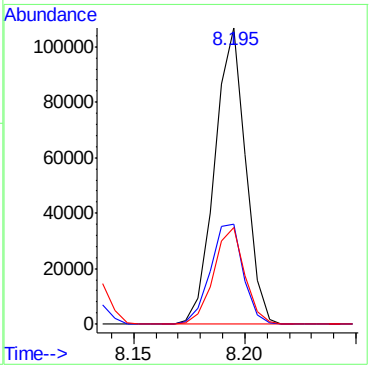


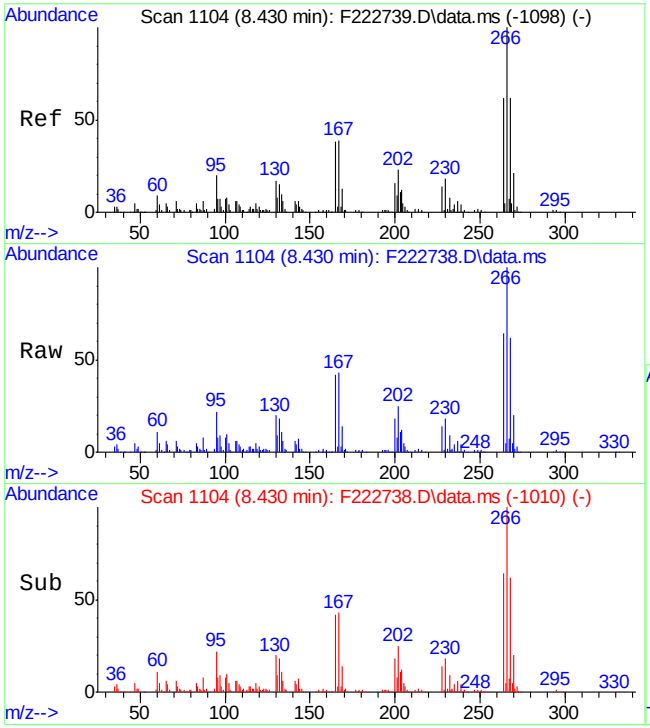


#75
Hexachlorobenzene
Concen: 77.62 ppm
RT: 8.195 min Scan# 1060
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:284 Resp: 103332

Ion	Ratio	Lower	Upper
284	100		
142	33.6	8.8	68.8
249	32.6	4.3	64.3

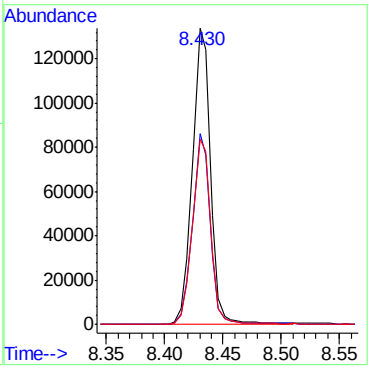


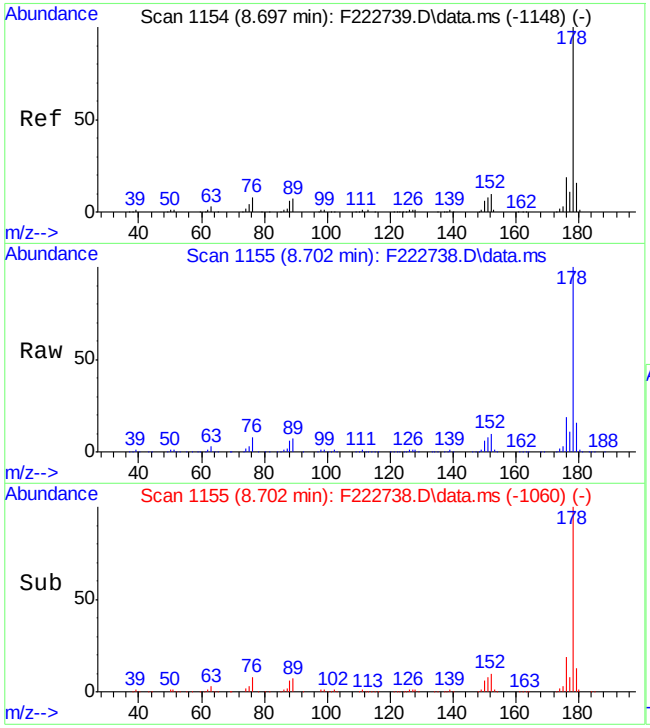


#76
Pentachlorophenol
Concen: 161.37 ppm
RT: 8.430 min Scan# 1104
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:266 Resp: 144074

Ion	Ratio	Lower	Upper
266	100		
264	64.4	31.7	91.7
268	62.4	32.1	92.1

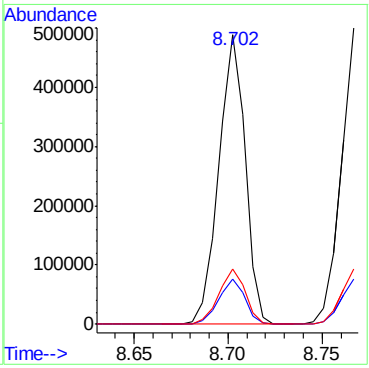


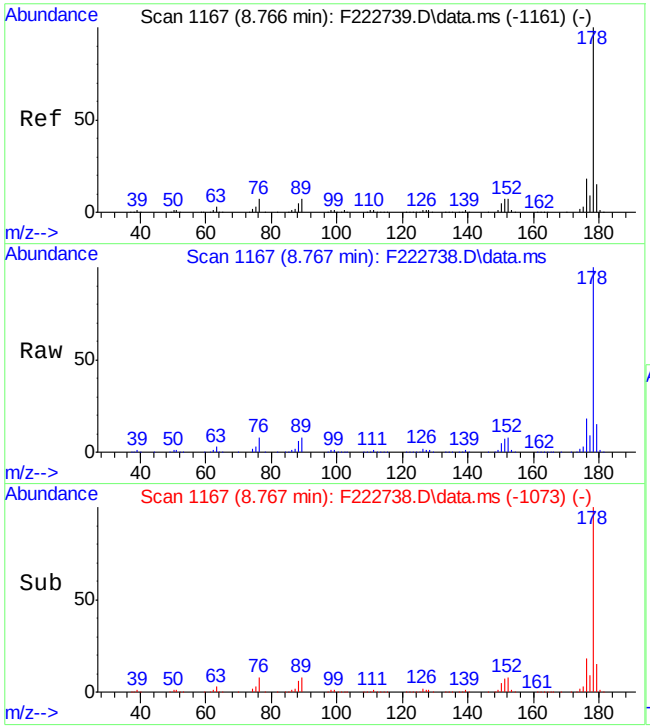


#77
Phenanthrene
Concen: 78.69 ppm
RT: 8.702 min Scan# 1155
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:178 Resp: 474536

Ion	Ratio	Lower	Upper
178	100		
179	15.5	0.0	45.6
176	19.1	0.0	49.0

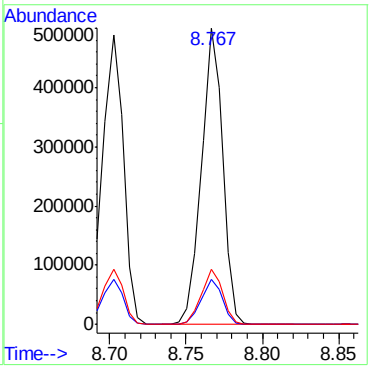


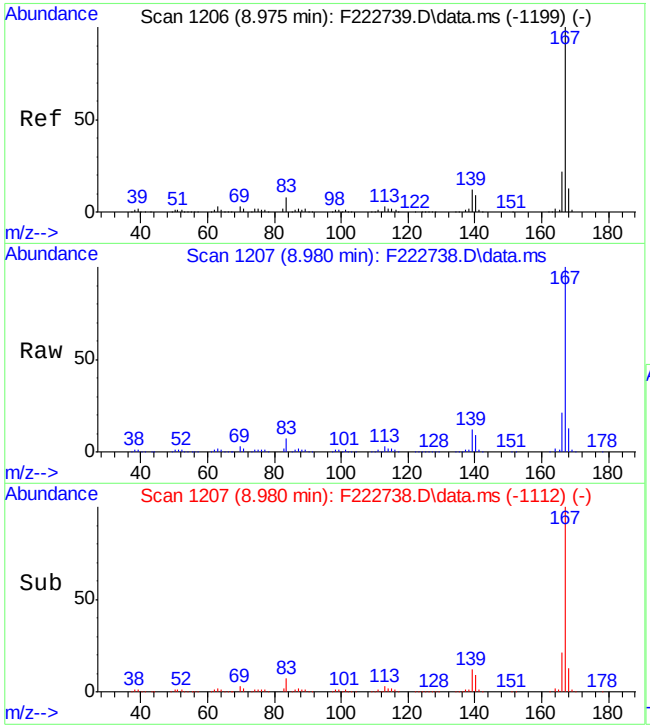


#78
Anthracene
Concen: 78.42 ppm
RT: 8.767 min Scan# 1167
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:178 Resp: 483006

Ion	Ratio	Lower	Upper
178	100		
179	15.3	0.0	45.1
176	18.5	0.0	48.4

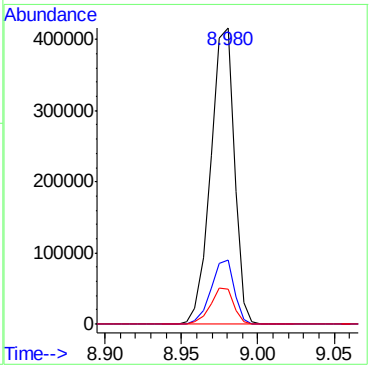


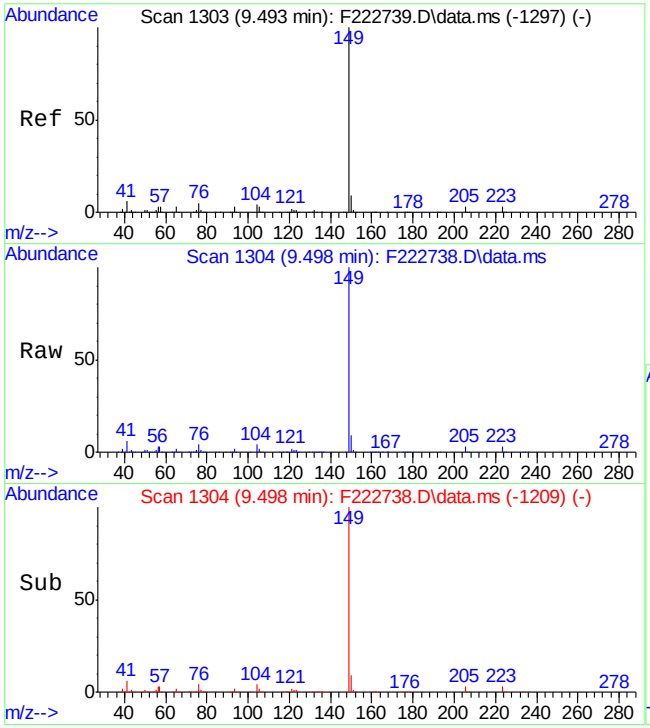


#79
Carbazole
Concen: 77.73 ppm
RT: 8.980 min Scan# 1207
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:167 Resp: 447209

Ion	Ratio	Lower	Upper
167	100		
166	21.5	0.0	51.7
139	11.8	0.0	41.9

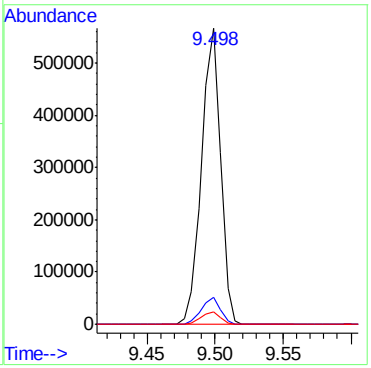


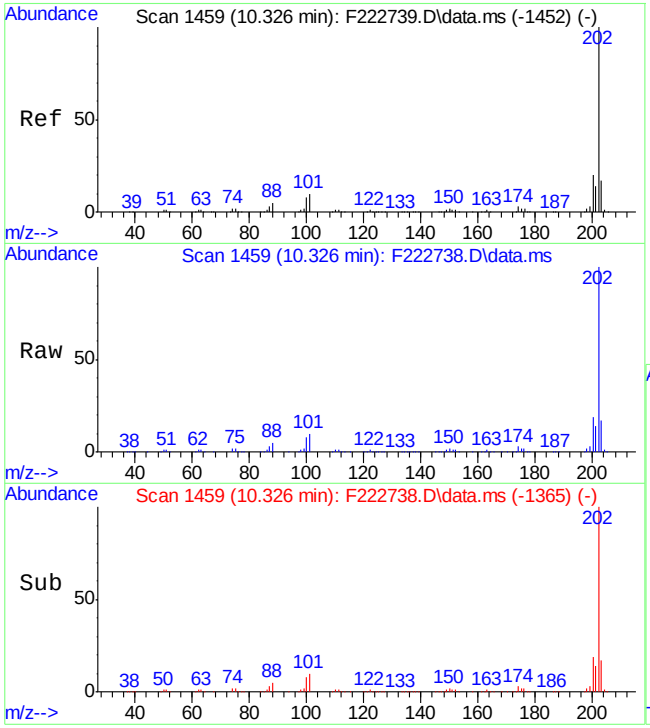


#80
Di-n-butylphthalate
Concen: 79.01 ppm
RT: 9.498 min Scan# 1304
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:149 Resp: 552672

Ion	Ratio	Lower	Upper
149	100		
150	9.1	0.0	39.1
104	4.2	0.0	34.4

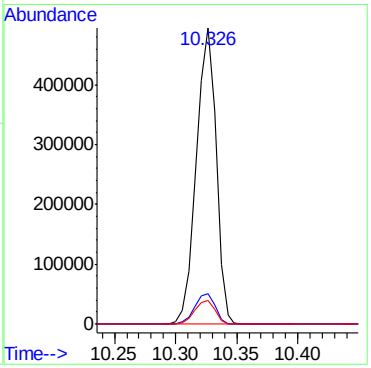


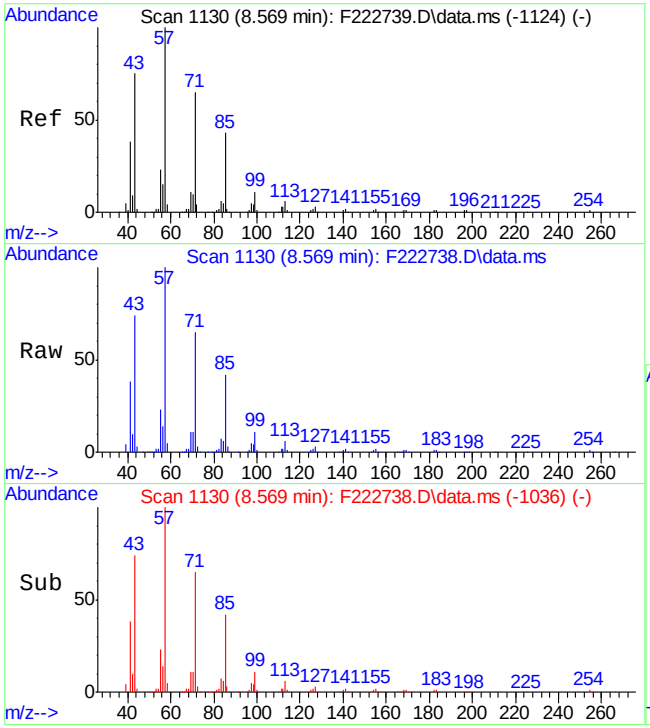


#81
Fluoranthene
Concen: 78.84 ppm
RT: 10.326 min Scan# 1459
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:202 Resp: 551942

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	39.8
100	7.9	0.0	37.7

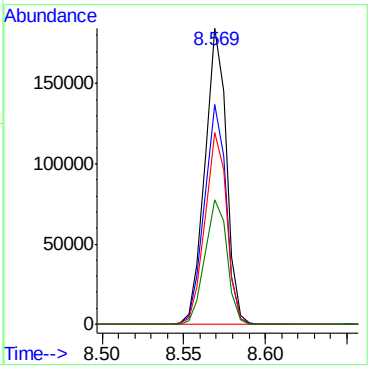


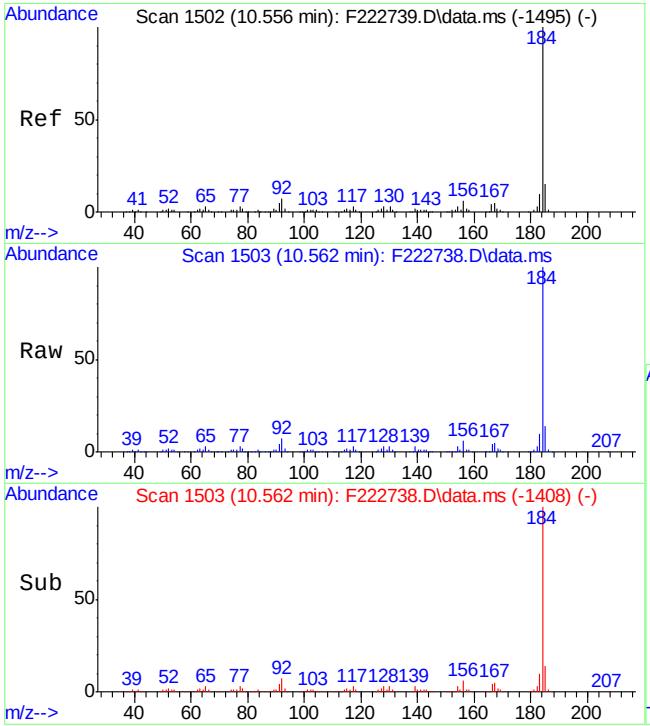


#82
Octadecane
Concen: 76.95 ppm
RT: 8.569 min Scan# 1130
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion: 57 Resp: 169567

Ion	Ratio	Lower	Upper
57	100		
43	74.4	44.5	104.5
71	64.9	35.4	95.4
85	42.2	12.7	72.7

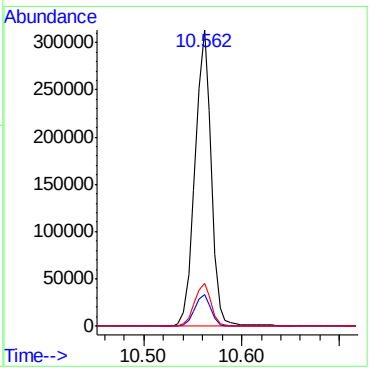


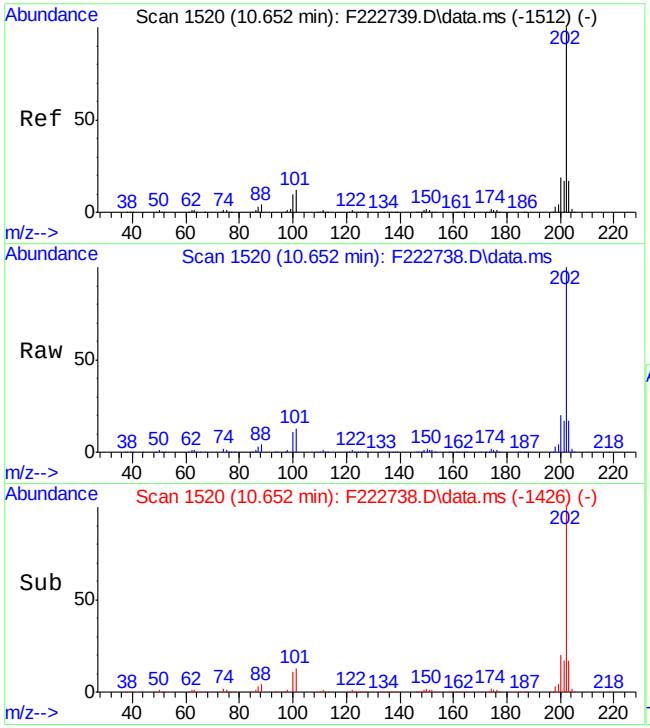


#84
Benzidine
Concen: 87.92 ppm
RT: 10.562 min Scan# 1503
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:184 Resp: 360513

Ion	Ratio	Lower	Upper
184	100		
183	10.5	0.0	60.5
185	14.3	0.0	65.2

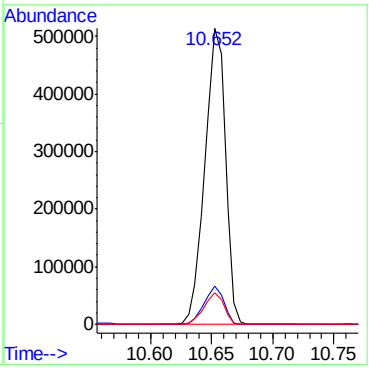


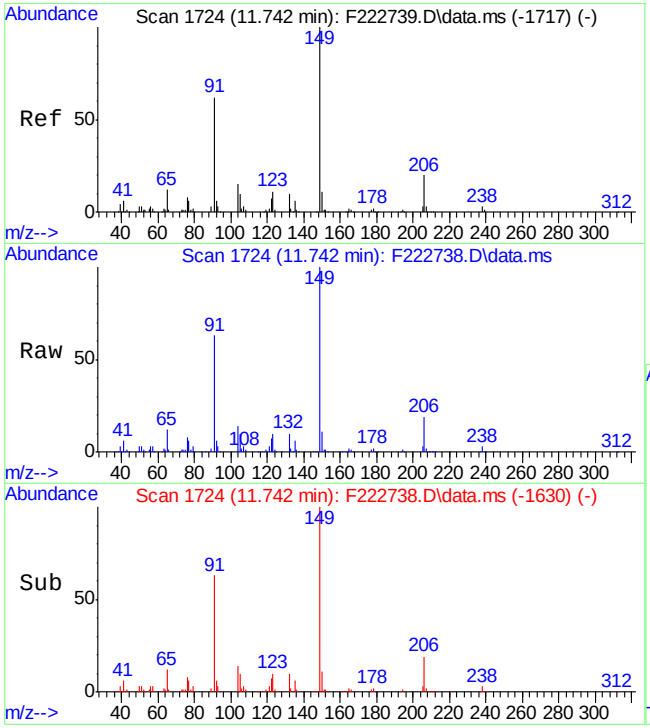


#85
Pyrene
Concen: 77.27 ppm
RT: 10.652 min Scan# 1520
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:202 Resp: 596759

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	41.9
100	10.6	0.0	39.8

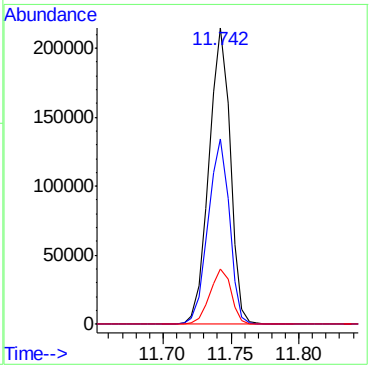


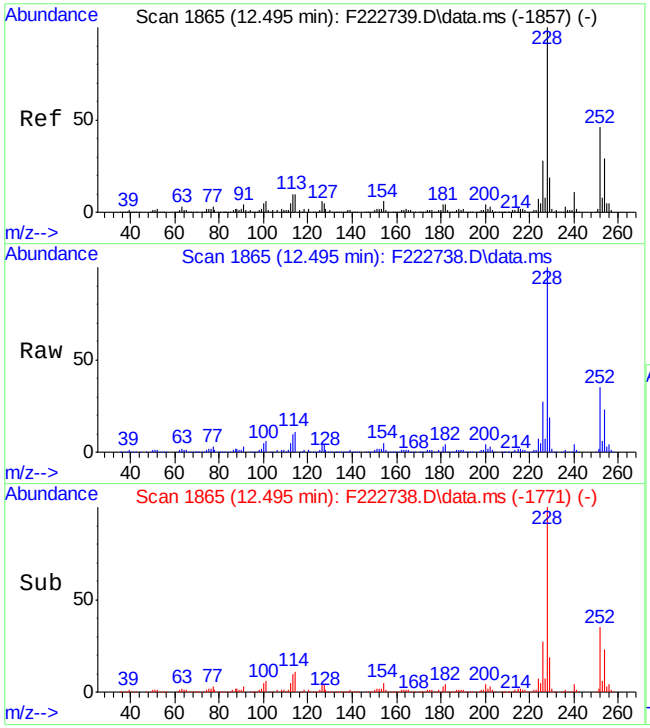


#87
Butylbenzylphthalate
Concen: 80.10 ppm
RT: 11.742 min Scan# 1724
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:149 Resp: 234784

Ion	Ratio	Lower	Upper
149	100		
91	62.7	31.6	91.6
206	18.6	0.0	49.8

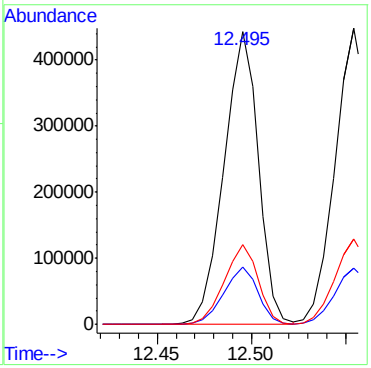


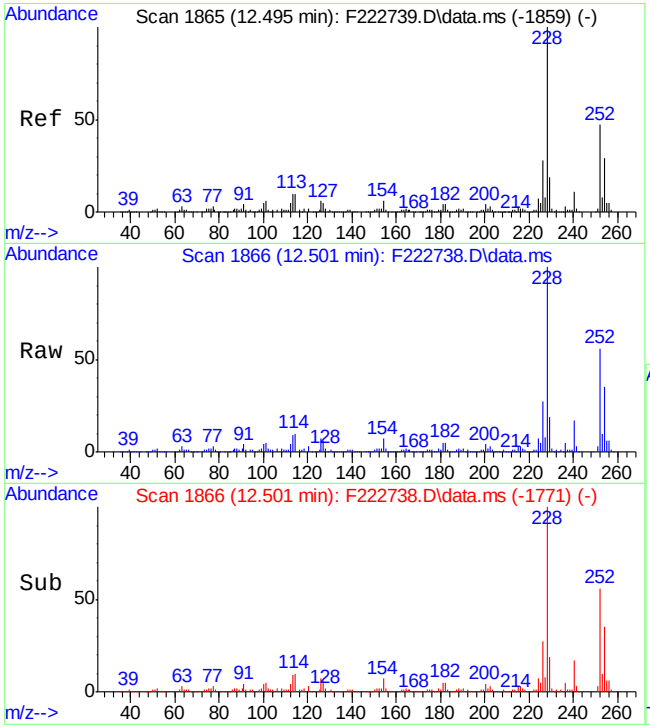


#88
Benzo[a]anthracene
Concen: 77.78 ppm
RT: 12.495 min Scan# 1865
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:228 Resp: 559425

Ion	Ratio	Lower	Upper
228	100		
229	19.4	0.0	49.1
226	27.2	0.0	57.6

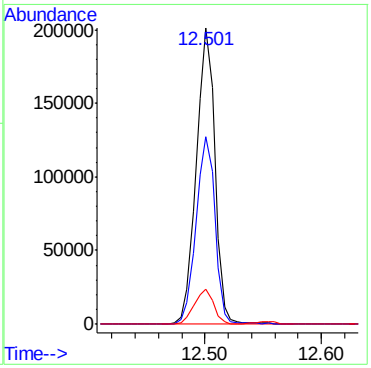


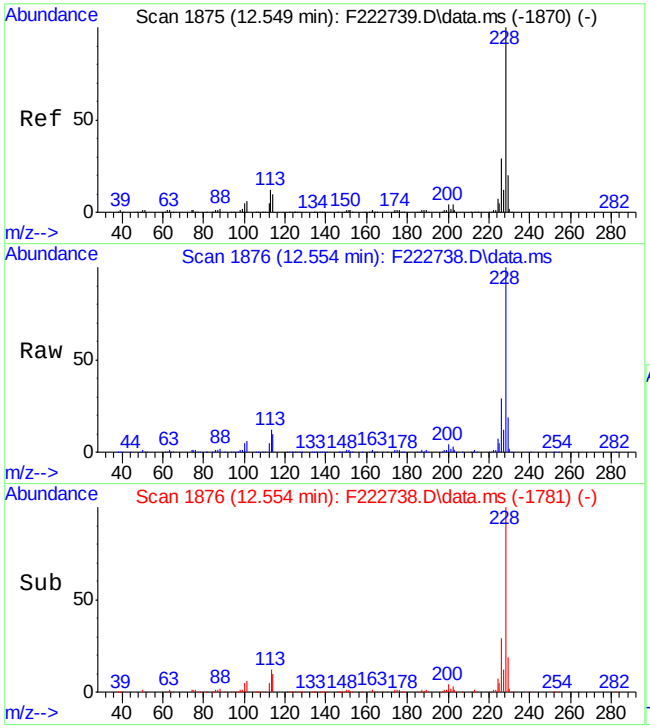


#89
3,3'-Dichlorobenzidine
Concen: 77.98 ppm
RT: 12.501 min Scan# 1866
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:252 Resp: 224395

Ion	Ratio	Lower	Upper
252	100		
254	63.2	32.3	92.3
126	11.8	0.0	42.5

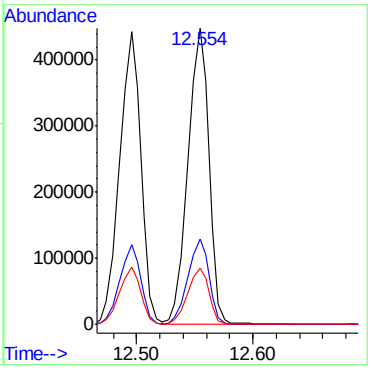


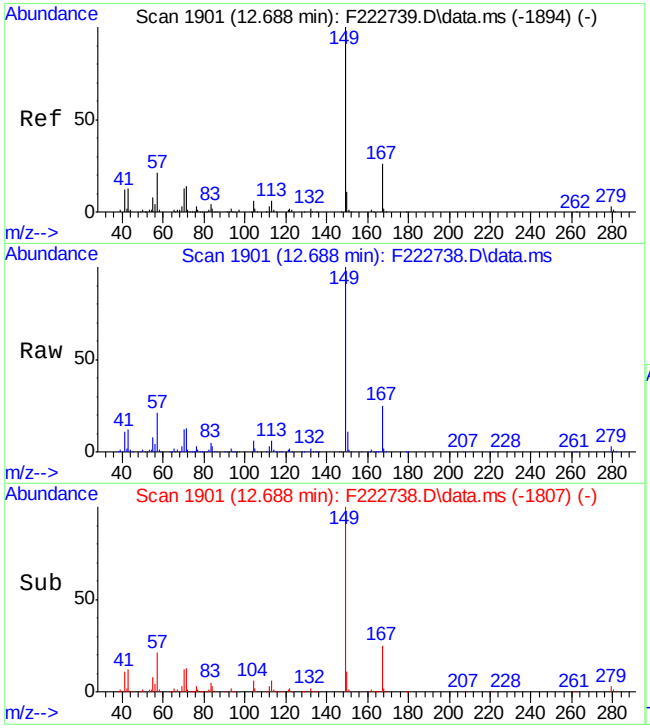


#90
Chrysene
Concen: 76.63 ppm
RT: 12.554 min Scan# 1876
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:228 Resp: 558282

Ion	Ratio	Lower	Upper
228	100		
226	29.0	0.0	58.9
229	19.1	0.0	49.6

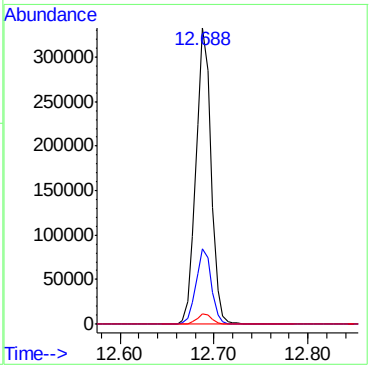


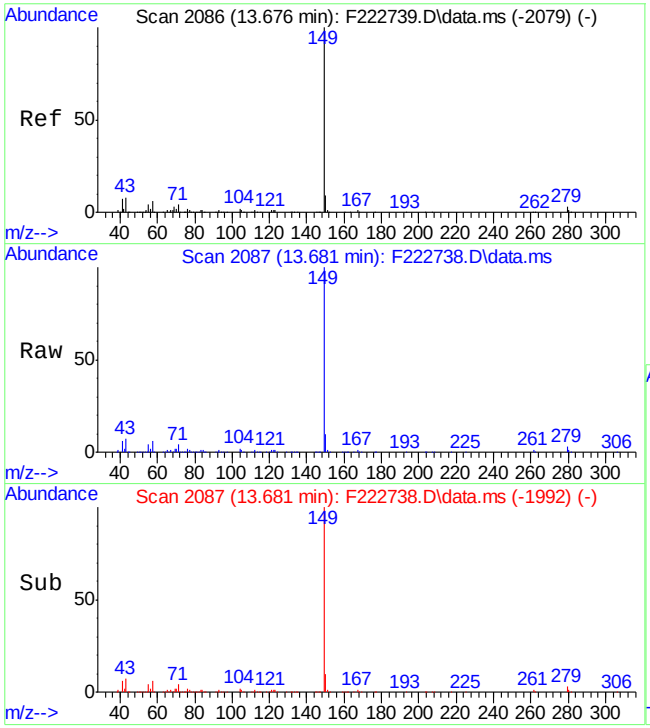


#91
bis(2-Ethylhexyl)phthalate
Concen: 79.11 ppm
RT: 12.688 min Scan# 1901
Delta R.T. 0.000 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:149 Resp: 370945

Ion	Ratio	Lower	Upper
149	100		
167	25.4	0.0	55.6
279	3.3	0.0	33.2

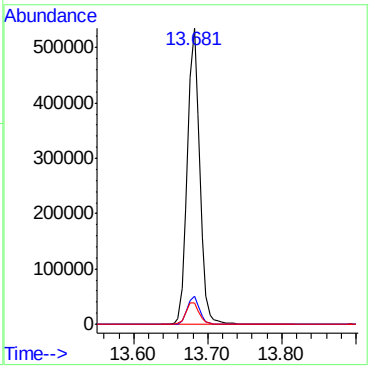


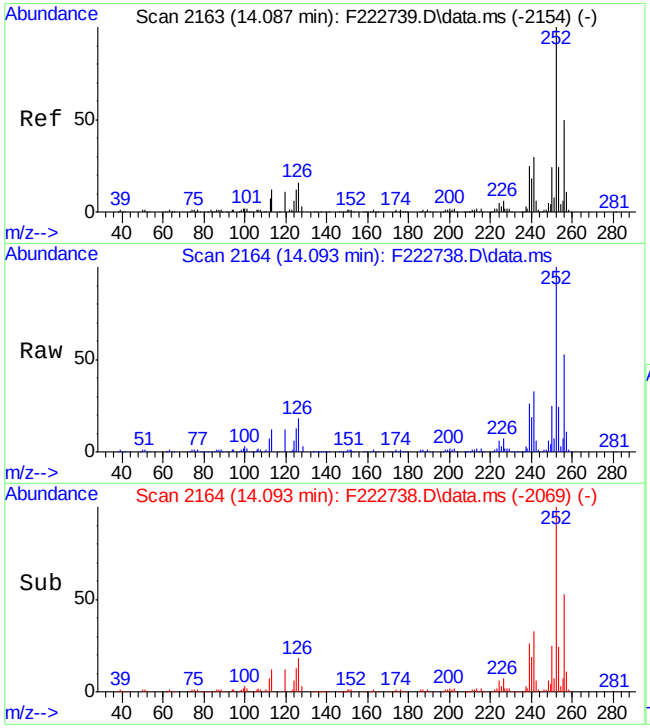


#93
Di-n-octylphthalate
Concen: 81.29 ppm
RT: 13.681 min Scan# 2087
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:149 Resp: 608764

Ion	Ratio	Lower	Upper
149	100		
150	9.6	0.0	39.4
43	7.4	0.0	38.5

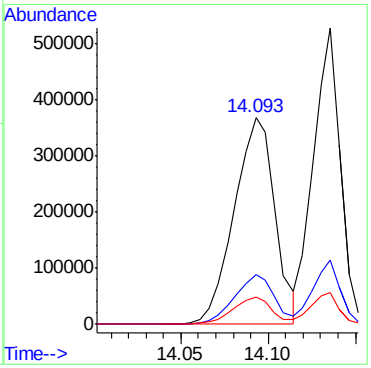


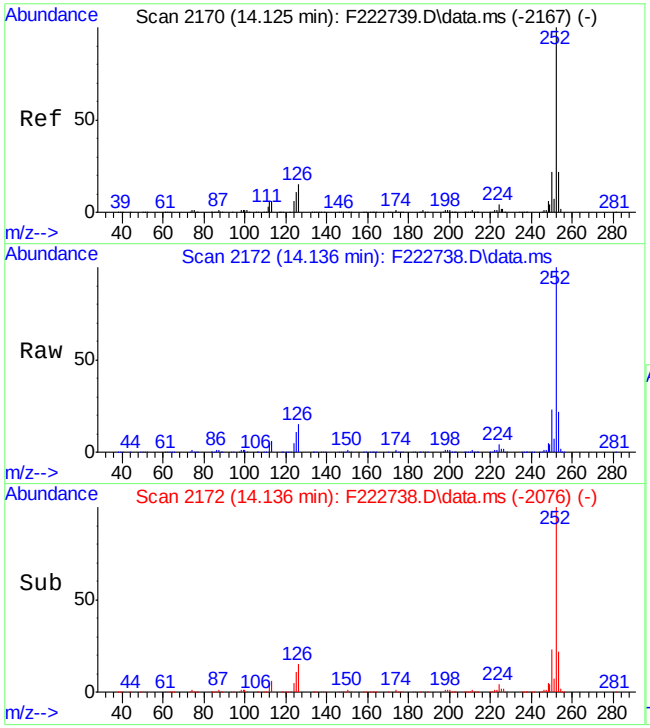


#94
Benzo[b]fluoranthene
Concen: 78.72 ppm
RT: 14.093 min Scan# 2164
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:252 Resp: 599973

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	53.7
125	12.9	0.0	42.3

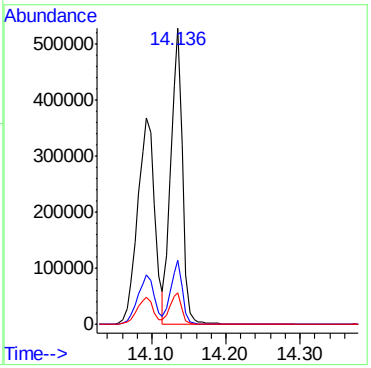


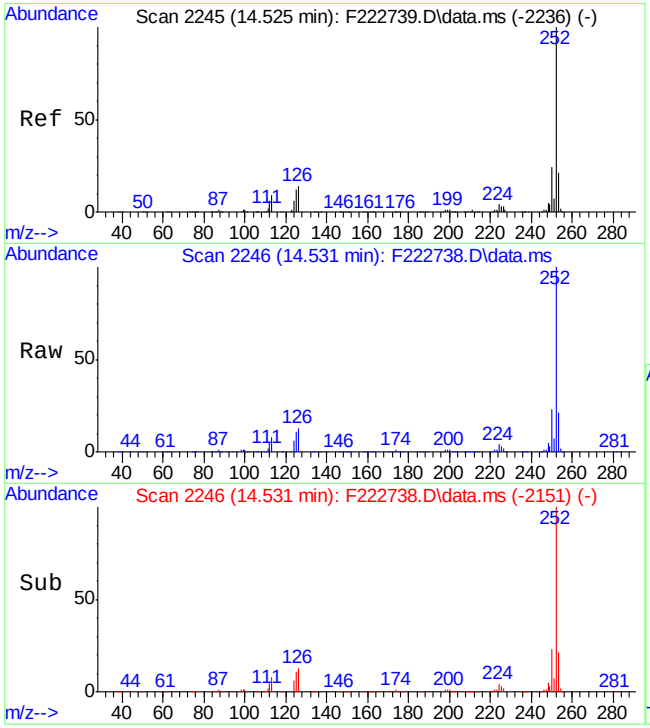


#95
Benzo[k]fluoranthene
Concen: 77.63 ppm
RT: 14.136 min Scan# 2172
Delta R.T. 0.011 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:252 Resp: 575627

Ion	Ratio	Lower	Upper
252	100		
253	21.5	0.0	52.2
125	10.5	0.0	41.3

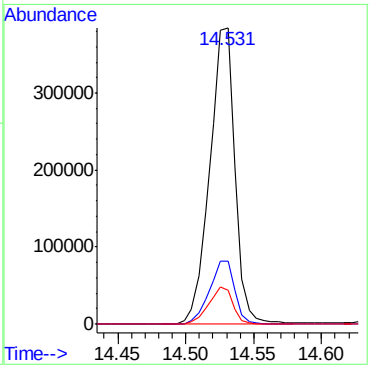


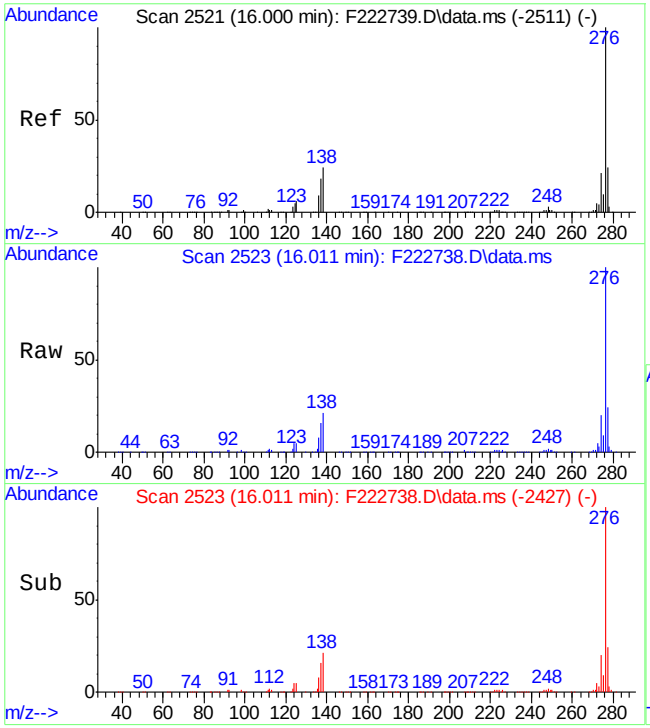


#96
Benzo[a]pyrene
Concen: 79.03 ppm
RT: 14.531 min Scan# 2246
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:252 Resp: 499391

Ion	Ratio	Lower	Upper
252	100		
253	21.3	0.0	50.6
125	11.3	0.0	41.7

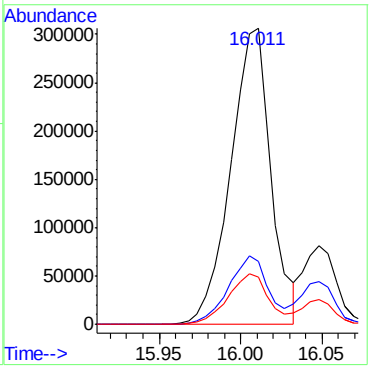


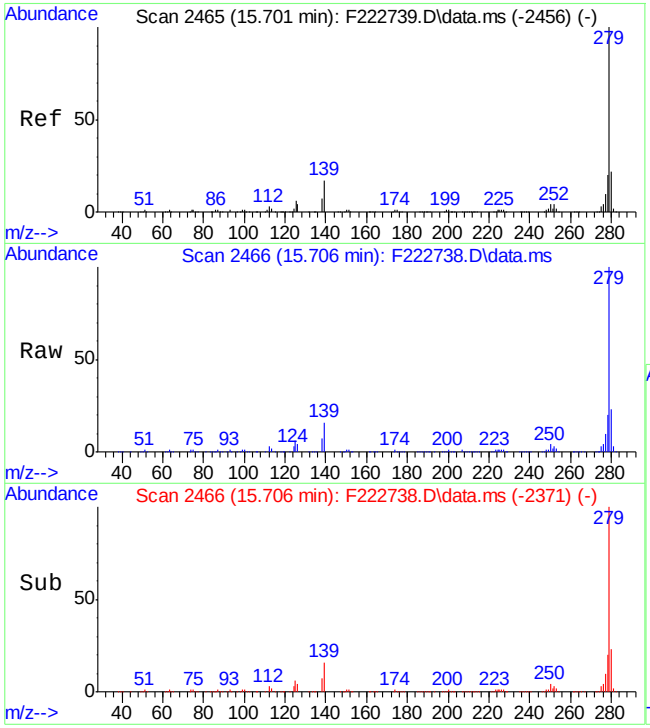


#97
Indeno[1,2,3-cd]pyrene
Concen: 78.59 ppm
RT: 16.011 min Scan# 2523
Delta R.T. 0.011 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:276 Resp: 524666

Ion	Ratio	Lower	Upper
276	100		
138	19.0	0.0	52.1
137	14.9	0.0	46.5

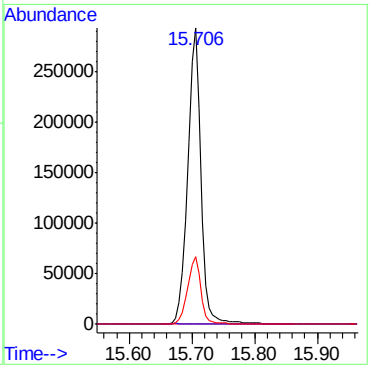


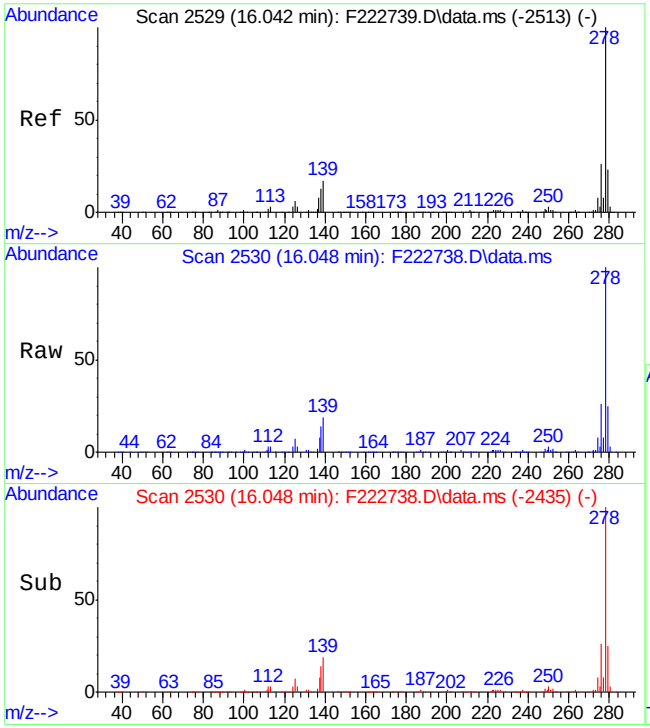


#98
Dibenz(a,h)acridine
Concen: 79.25 ppm
RT: 15.706 min Scan# 2466
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:279 Resp: 426980

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.7	0.0	52.3

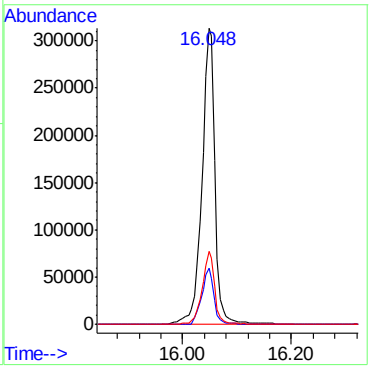


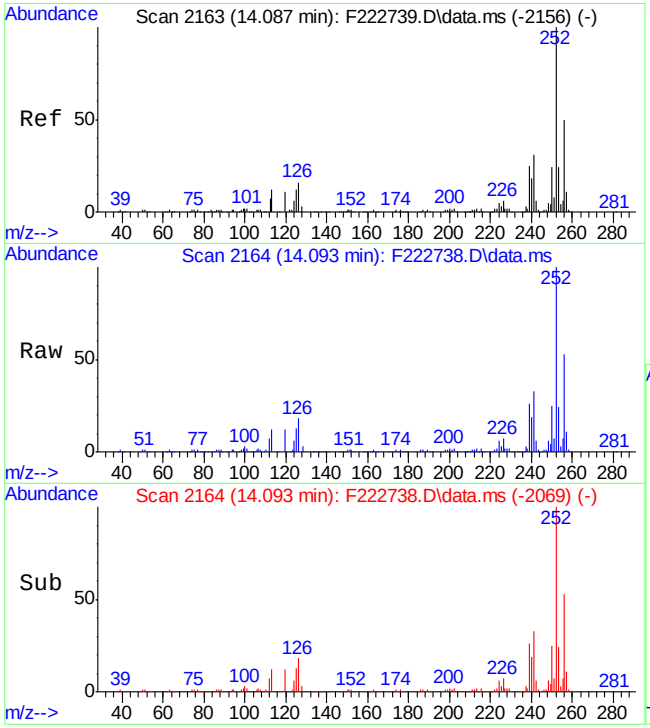


#99
Dibenz[a,h]anthracene
Concen: 78.64 ppm
RT: 16.048 min Scan# 2530
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:278 Resp: 525961

Ion	Ratio	Lower	Upper
278	100		
139	19.1	0.0	47.4
279	24.7	0.0	53.3

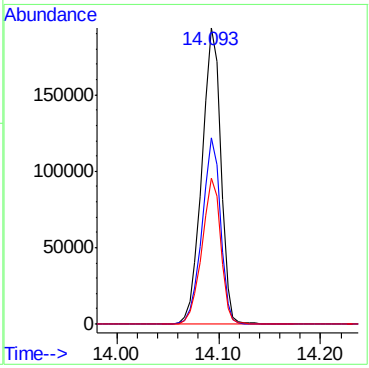


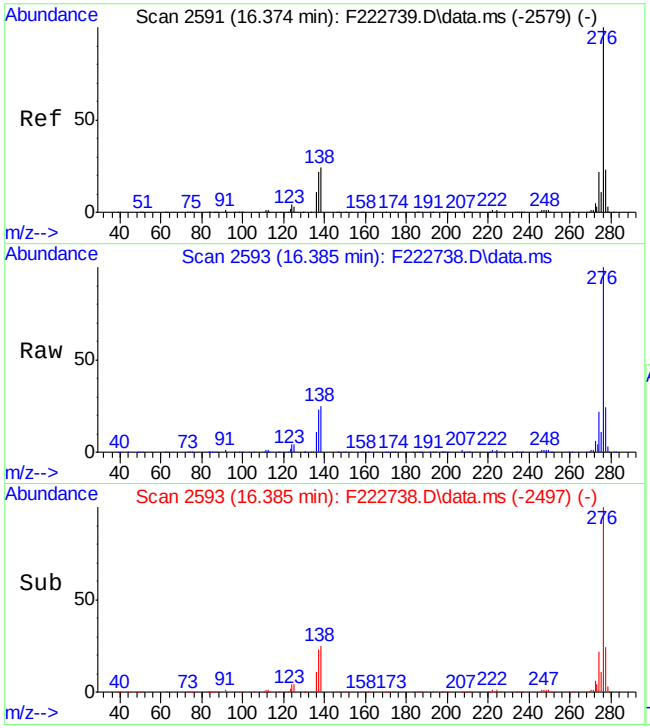


#100
7,12-Dimethylbenz(a)anthracene
Concen: 78.64 ppm
RT: 14.093 min Scan# 2164
Delta R.T. 0.006 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:256 Resp: 246600

Ion	Ratio	Lower	Upper
256	100		
241	62.8	31.1	91.1
239	49.4	19.1	79.1

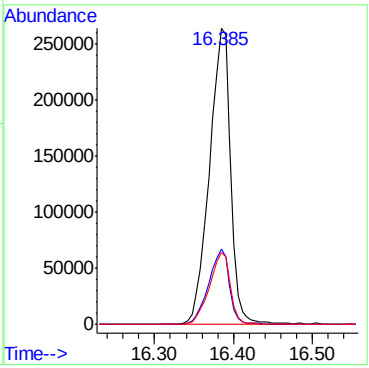




#101
Benzo[g,h,i]perylene
Concen: 77.80 ppm
RT: 16.385 min Scan# 2593
Delta R.T. 0.011 min
Lab File: F222738.D
Acq: 7 Nov 2024 11:20 am

Tgt Ion:276 Resp: 494332

Ion	Ratio	Lower	Upper
276	100		
138	25.5	0.0	54.3
277	24.3	0.0	53.1



7.6.28

7

Manual Integration Approval Summary

Sample Number: EF9899-IC9899
Lab FileID: F222738.D
Injection Time: 11/07/24 11:20

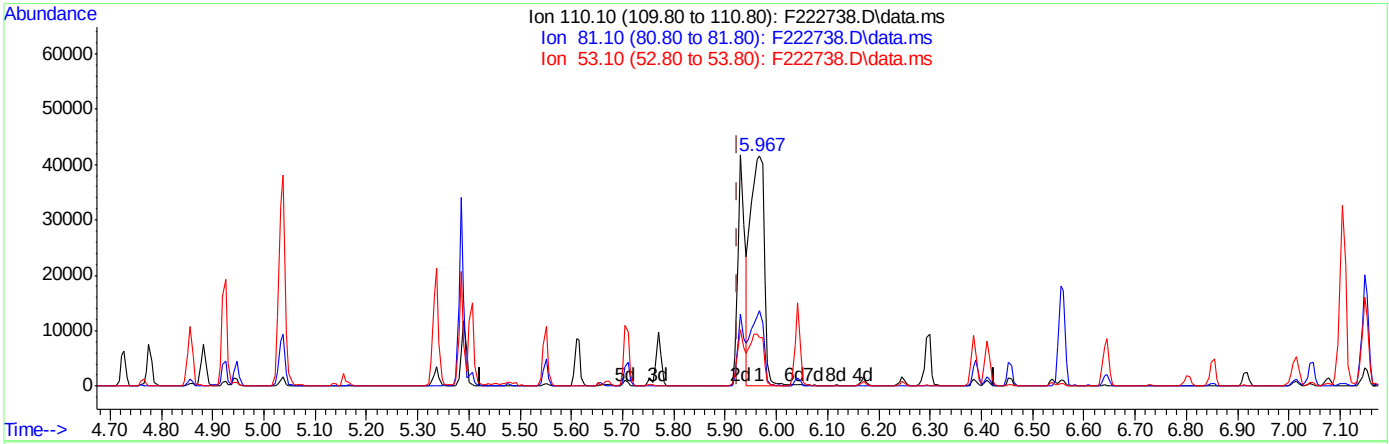
Method: EPA 625.1
Analyst approved: 11/08/24 10:32 Ying Li
Supervisor approved: 11/11/24 10:01 Nina Pandya

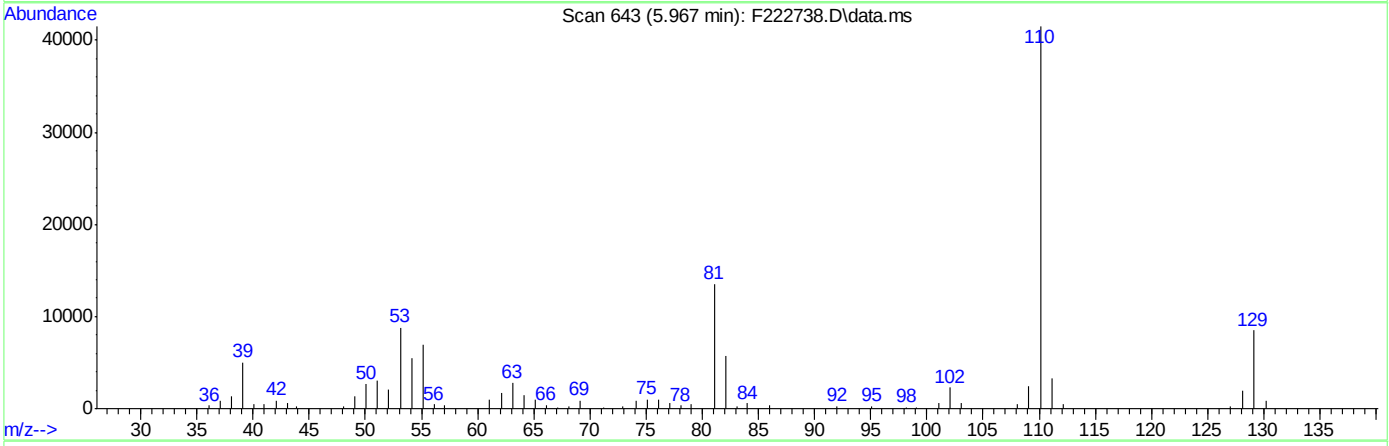
Parameter	CAS	Sig#	R.T. (min.)	Reason
Quinoline	91-22-5		5.92	Poor instrument integration
Hydroquinone	123-31-9		5.93	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222738.D
Acq On : 7 Nov 2024 11:20 am
Operator : jackleey
Sample : ic9899-80
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 08 09:10:36 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration





TIC: F222738.D\data.ms

(41) Hydroquinone (t)

5.967min (+0.043) 51.85ppm

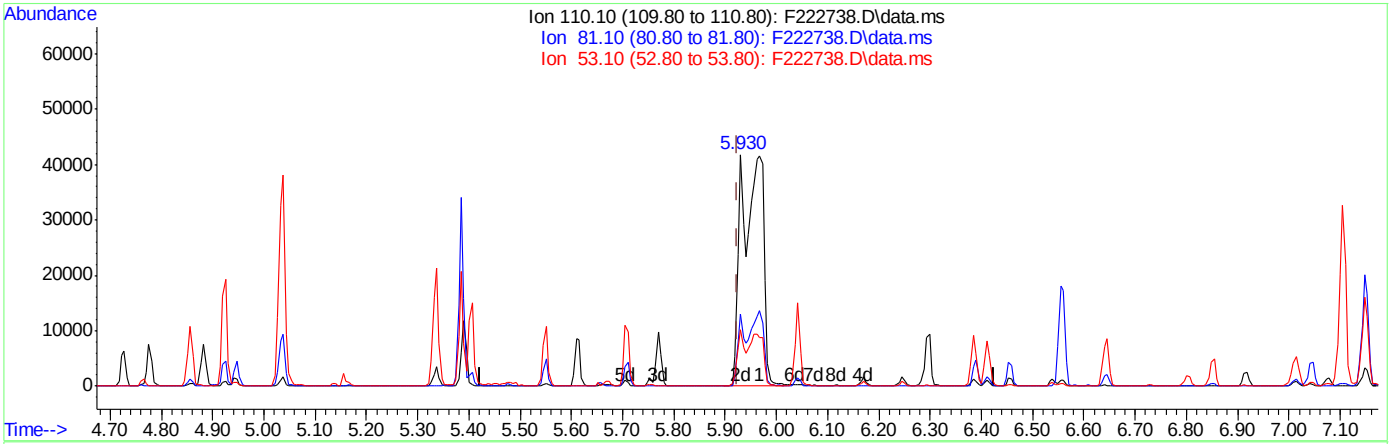
response 79158

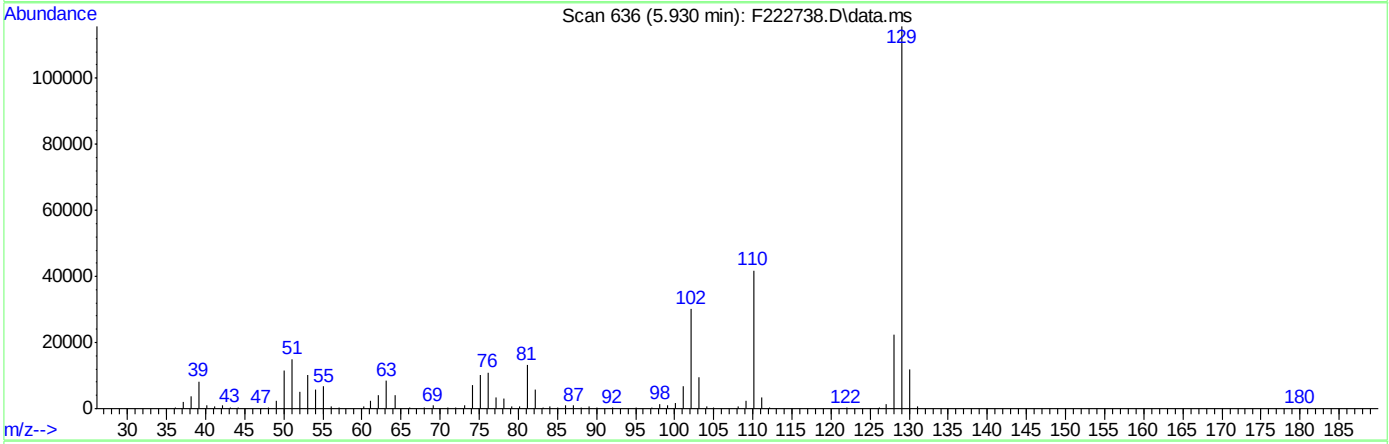
Ion	Exp%	Act%
110.10	100	100
81.10	30.70	32.67
53.10	24.60	19.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222738.D
Acq On : 7 Nov 2024 11:20 am
Operator : jackleey
Sample : ic9899-80
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 08 09:10:36 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration





TIC: F222738.D\data.ms

(41) Hydroquinone (t)

5.930min (+0.006) 77.77ppm m

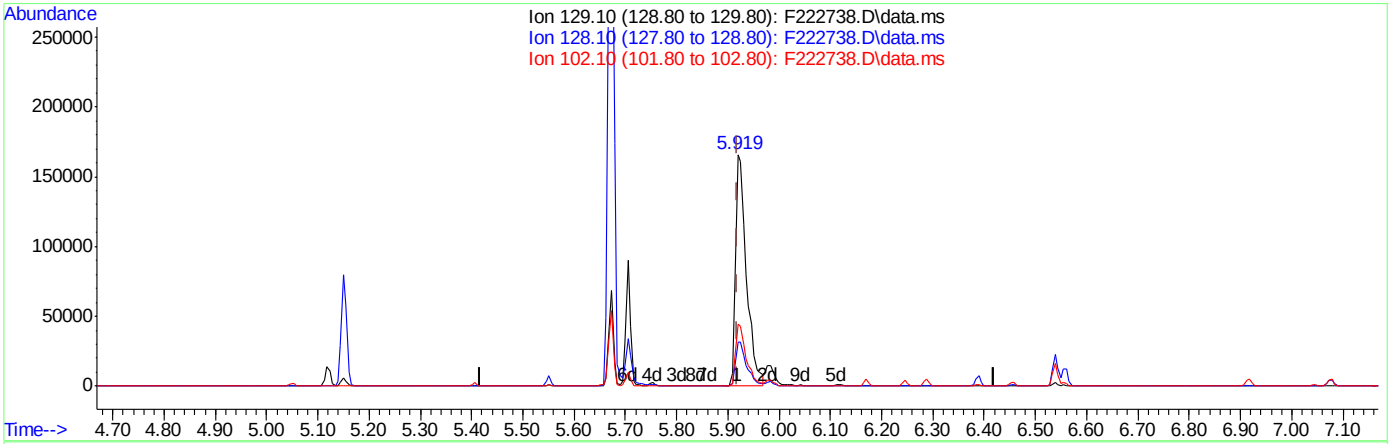
response 118715

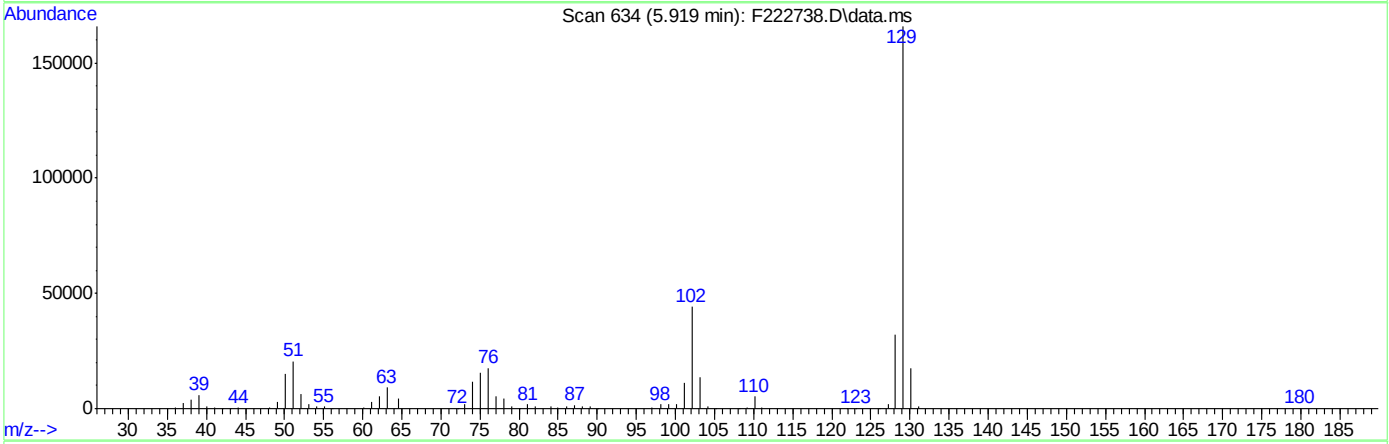
Ion	Exp%	Act%
110.10	100	100
81.10	30.70	31.38
53.10	24.60	24.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222738.D
Acq On : 7 Nov 2024 11:20 am
Operator : jackleey
Sample : ic9899-80
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 08 09:10:36 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration





TIC: F222738.D\data.ms

(27) Quinoline (t)

5.919min (+0.000) 71.25ppm

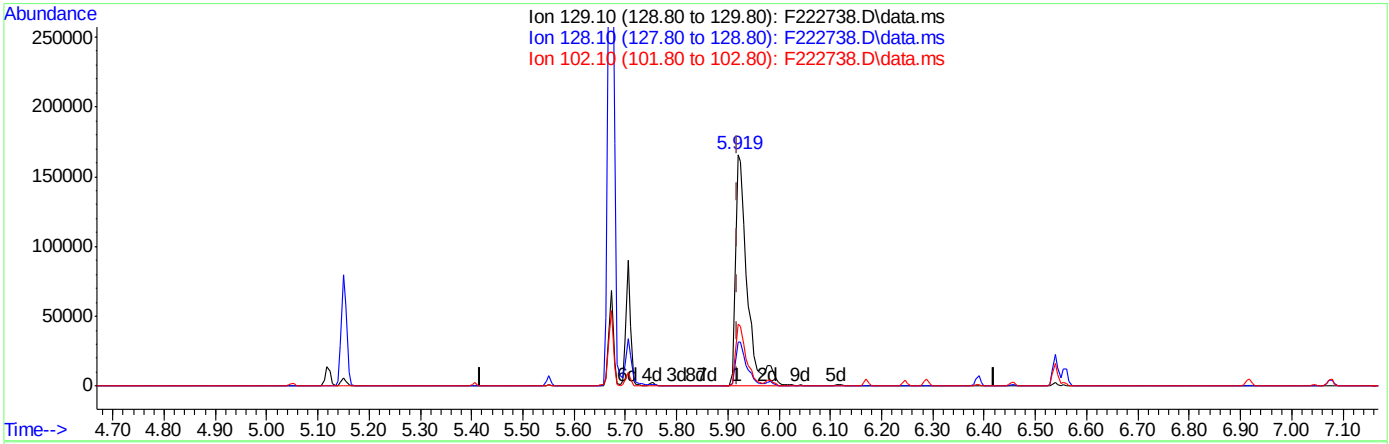
response 242467

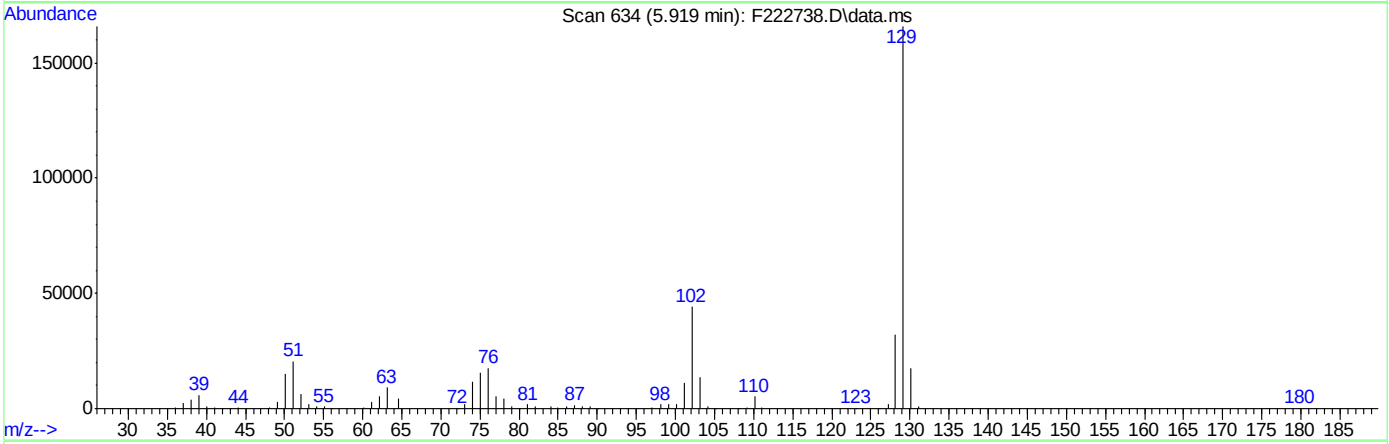
Ion	Exp%	Act%
129.10	100	100
128.10	19.80	19.14
102.10	25.70	26.58
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222738.D
Acq On : 7 Nov 2024 11:20 am
Operator : jackleey
Sample : ic9899-80
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 08 09:10:36 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration





TIC: F222738.D\data.ms

(27) Quinoline (t)

5.919min (+0.000) 77.15ppm m

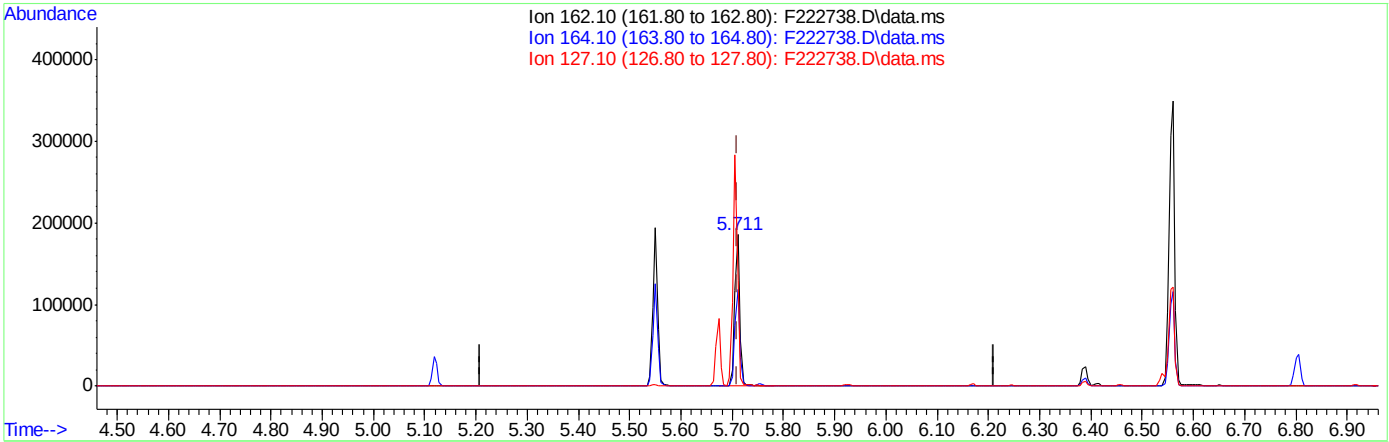
response 262538

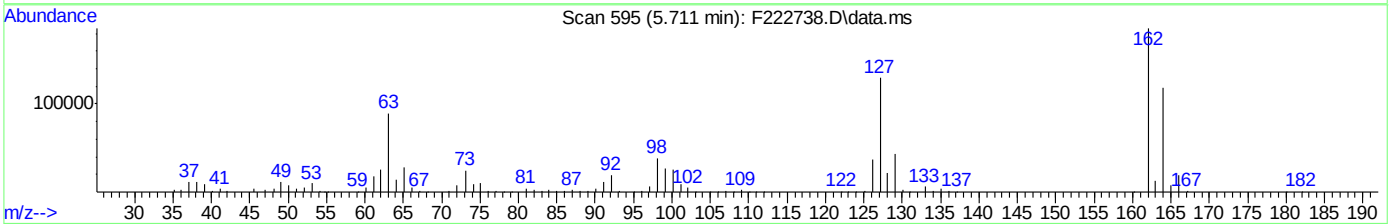
Ion	Exp%	Act%
129.10	100	100
128.10	19.80	19.25
102.10	25.70	26.59
0.00	0.00	0.00

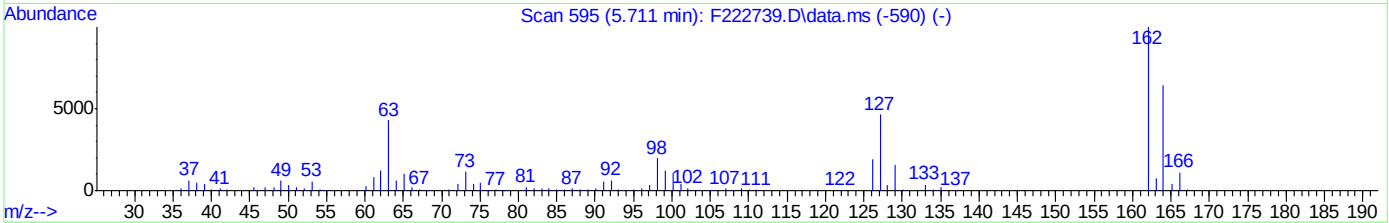
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222738.D
Acq On : 7 Nov 2024 11:20 am
Operator : jackleey
Sample : ic9899-80
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 08 09:13:37 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222738.D\data.ms

(52) 2-Chloronaphthalene (t)

5.711min (+0.000) 79.23ppm

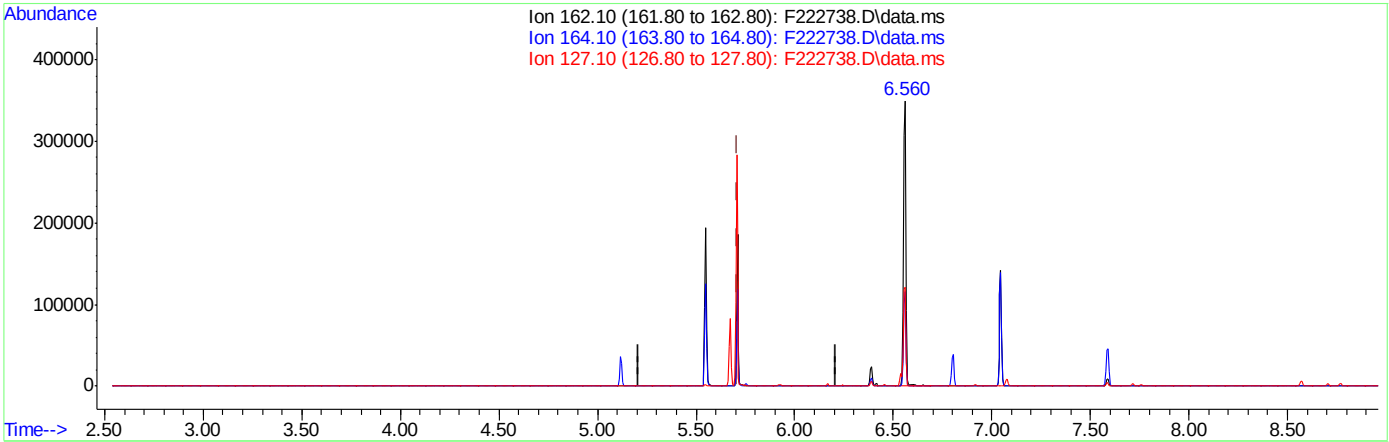
response 126220

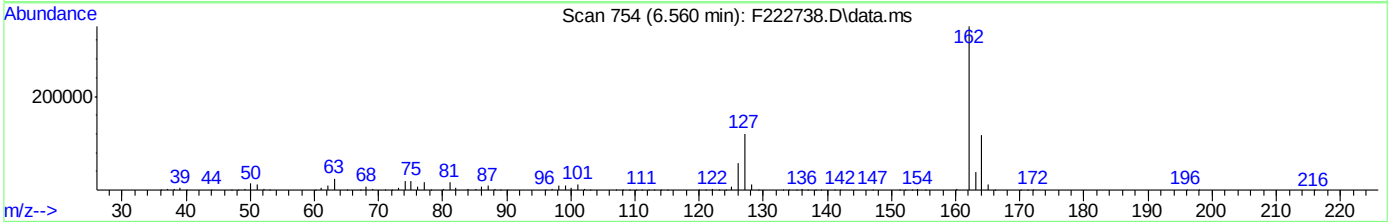
Ion	Exp%	Act%
162.10	100	100
164.10	64.30	63.82
127.10	46.90	47.33
0.00	0.00	0.00

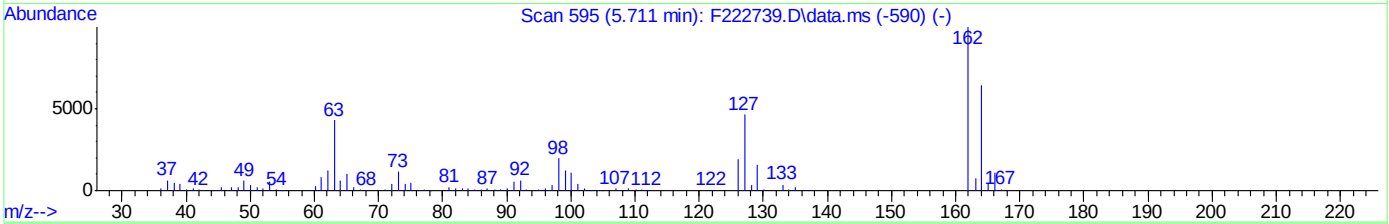
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222738.D
Acq On : 7 Nov 2024 11:20 am
Operator : jackleey
Sample : ic9899-80
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 08 09:13:37 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222738.D\data.ms

(52) 2-Chloronaphthalene (t)

6.560min (+0.850) 177.10ppm m

response 282143

Ion	Exp%	Act%
162.10	100	100
164.10	64.30	33.30#
127.10	46.90	34.60
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Nina Pandya 11/11/24 10:01

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222740.D
Acq On : 7 Nov 2024 11:43 am
Operator : jackleey
Sample : ic9899-100
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 06 10:43:23 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.765	152	51191	40.00	ppm	0.00
24) Naphthalene-d8	5.657	136	193451	40.00	ppm	0.00
46) Acenaphthene-d10	7.046	164	105906	40.00	ppm	0.00
69) Phenanthrene-d10	8.670	188	206397	40.00	ppm	0.00
83) Chrysene-d12	12.517	240	207898	40.00	ppm	0.00
92) Perylene-d12	14.605	264	217003	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.765	152	51191	40.00	ppm	0.00
112) Naphthalene-d8A	5.657	136	193451	40.00	ppm	0.00
121) Acenaphthene-d10A	7.046	164	105906	40.00	ppm	0.00
132) Phenanthrene-d10A	8.670	188	206397	40.00	ppm	0.00
147) Chrysene-d12A	12.517	240	207898	40.00	ppm	0.00
154) Perylene-d12A	14.605	264	217003	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.765	152	51191	40.00	ppm	0.00
159) Phenanthrene-d10b	8.670	188	206397	40.00	ppm	0.00
161) Naphthalene-d8b	5.657	136	193451	40.00	ppm	0.00
163) Naphthalene-d8c	5.657	136	193451	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.765	152	51191	40.00	ppm	0.00
169) Chrysene-d12c	12.517	240	207898	40.00	ppm	0.00
171) Chrysene-d12d	12.517	240	207898	40.00	ppm	0.00
173) Naphthalene-d8d	5.657	136	193451	40.00	ppm	0.00
175) Chrysene-d12e	12.517	240	207898	40.00	ppm	0.00
177) Perylene-d12b	14.605	264	217003	40.00	ppm	0.00
179) Naphthalene-d8e	5.657	136	193451	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.857	112	159076	110.41	ppm	0.00
Spiked Amount 50.000			Recovery = 220.82%			
8) Phenol-d5	4.493	99	187022	110.22	ppm	0.00
Spiked Amount 50.000			Recovery = 220.44%			
25) Nitrobenzene-d5	5.150	82	162095	109.93	ppm	0.00
Spiked Amount 50.000			Recovery = 219.86%			
51) 2-Fluorobiphenyl	6.458	172	424121	108.61	ppm	0.00
Spiked Amount 50.000			Recovery = 217.22%			
73) 2,4,6-Tribromophenol	7.847	330	59279	108.88	ppm	0.00
Spiked Amount 50.000			Recovery = 217.76%			
86) Terphenyl-d14	10.941	244	547941	107.03	ppm	0.00
Spiked Amount 50.000			Recovery = 214.06%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.708	88	62622	108.57	ppm	89
3) Pyridine	2.949	79	176656	108.01	ppm	100
4) N-Nitrosodimethylamine	2.917	42	79438	105.72	ppm	95
6) Indene	4.947	116	304128	109.48	ppm	99
7) Cumene	4.220	105	325929	109.15	ppm	99
9) Phenol	4.503	94	202125	108.43	ppm	97
10) Aniline	4.541	93	253069	108.37	ppm	84
11) bis(2-Chloroethyl)ether	4.578	93	155642	107.84	ppm	97
12) 2-Chlorophenol	4.615	128	176072	108.42	ppm	97
13) Decane	4.647	43	163633	107.01	ppm	100

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222740.D
Acq On : 7 Nov 2024 11:43 am
Operator : jackleey
Sample : ic9899-100
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 06 10:43:23 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
14) 1,3-Dichlorobenzene	4.728	146	204127	109.35	ppm	98
15) 1,4-Dichlorobenzene	4.776	146	208331	108.85	ppm	98
16) Benzyl alcohol	4.861	108	110699	110.21	ppm	96
17) 1,2-Dichlorobenzene	4.883	146	200382	111.02	ppm	98
18) Acetophenone	5.048	105	248303	106.84	ppm	99
19) 2-Methylphenol	4.925	108	151370	108.38	ppm	99
20) 2,2'-oxybis(1-Chloropr...	4.947	121	48764	108.01	ppm	92
21) 3&4-Methylphenol	5.037	108	326418	216.88	ppm	98
22) n-Nitroso-di-n-propyla...	5.053	70	113379	105.49	ppm	95
23) Hexachloroethane	5.123	201	84120	110.99	ppm	83
26) Nitrobenzene	5.166	77	172552	108.52	ppm	94
27) Quinoline	5.924	129	340258m	108.95	ppm	
28) Isophorone	5.337	82	303862	107.90	ppm	100
29) 2-Nitrophenol	5.385	139	92567	122.34	ppm	91
30) 2,4-Dimethylphenol	5.406	107	175621	110.03	ppm	93
31) Benzoic acid	5.508	105	114616	124.50	ppm	84
32) bis(2-Chloroethoxy)met...	5.481	93	199304	109.03	ppm	98
33) 2,4-Dichlorophenol	5.550	162	158744	112.87	ppm	97
34) 2,6-Dichlorophenol	5.711	162	163835	113.03	ppm	99
35) 1,3,5-Trichlorobenzene	5.390	180	200445	111.86	ppm	99
36) 1,2,4-Trichlorobenzene	5.614	180	186776	111.29	ppm	99
37) 1,2,3-Trichlorobenzene	5.775	180	191100	110.98	ppm	96
38) Naphthalene	5.673	128	521679	109.51	ppm	99
39) 4-Chloroaniline	5.705	127	225868	108.81	ppm	97
40) 2,3-Dichloroaniline	6.389	161	189198	111.89	ppm	99
41) Hydroquinone	5.972	110	149335m	106.59	ppm	
42) Hexachlorobutadiene	5.753	225	120720	111.13	ppm	98
43) 4-Chloro-3-methylphenol	6.042	107	140316	107.46	ppm	95
44) 2-Methylnaphthalene	6.170	141	324475	111.56	ppm	99
45) 1-Methylnaphthalene	6.245	142	333777	111.31	ppm	100
47) Hexachlorocyclopentadiene	6.288	237	258882	231.79	ppm	99
48) 1,2,4,5-tetrachloroben...	6.298	216	209486	110.23	ppm	99
49) 2,4,6-Trichlorophenol	6.389	196	127076	110.63	ppm	99
50) 2,4,5-Trichlorophenol	6.416	196	142372	109.97	ppm	99
52) 2-Chloronaphthalene	6.560	162	365953m	248.51	ppm	
53) Biphenyl	6.539	154	459944	107.92	ppm	97
54) 2-Nitroaniline	6.645	65	85802	108.54	ppm	94
55) Dimethylphthalate	6.806	163	398091	109.03	ppm	100
56) Acenaphthylene	6.918	152	510074	108.76	ppm	99
57) 2,6-Dinitrotoluene	6.854	165	82493	118.33	ppm	95
58) 3-Nitroaniline	7.019	138	94400	113.23	ppm	100
59) Acenaphthene	7.078	153	374704	108.74	ppm	99
60) 2,4-Dinitrophenol	7.110	184	100080	267.76	ppm	95
61) 4-Nitrophenol	7.153	109	53120	111.77	ppm	93
62) Dibenzofuran	7.244	168	530510	108.44	ppm	99
63) 2,4-Dinitrotoluene	7.233	165	114746	115.50	ppm	98
64) 2,3,4,6-Tetrachlorophenol	7.361	232	109061	110.69	ppm	96
65) Diethylphthalate	7.479	149	414596	107.80	ppm	98
66) Fluorene	7.591	166	433849	111.52	ppm	98
67) 4-Chlorophenyl-phenyle...	7.591	204	222644	109.13	ppm	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222740.D
Acq On : 7 Nov 2024 11:43 am
Operator : jackleey
Sample : ic9899-100
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 06 10:43:23 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration

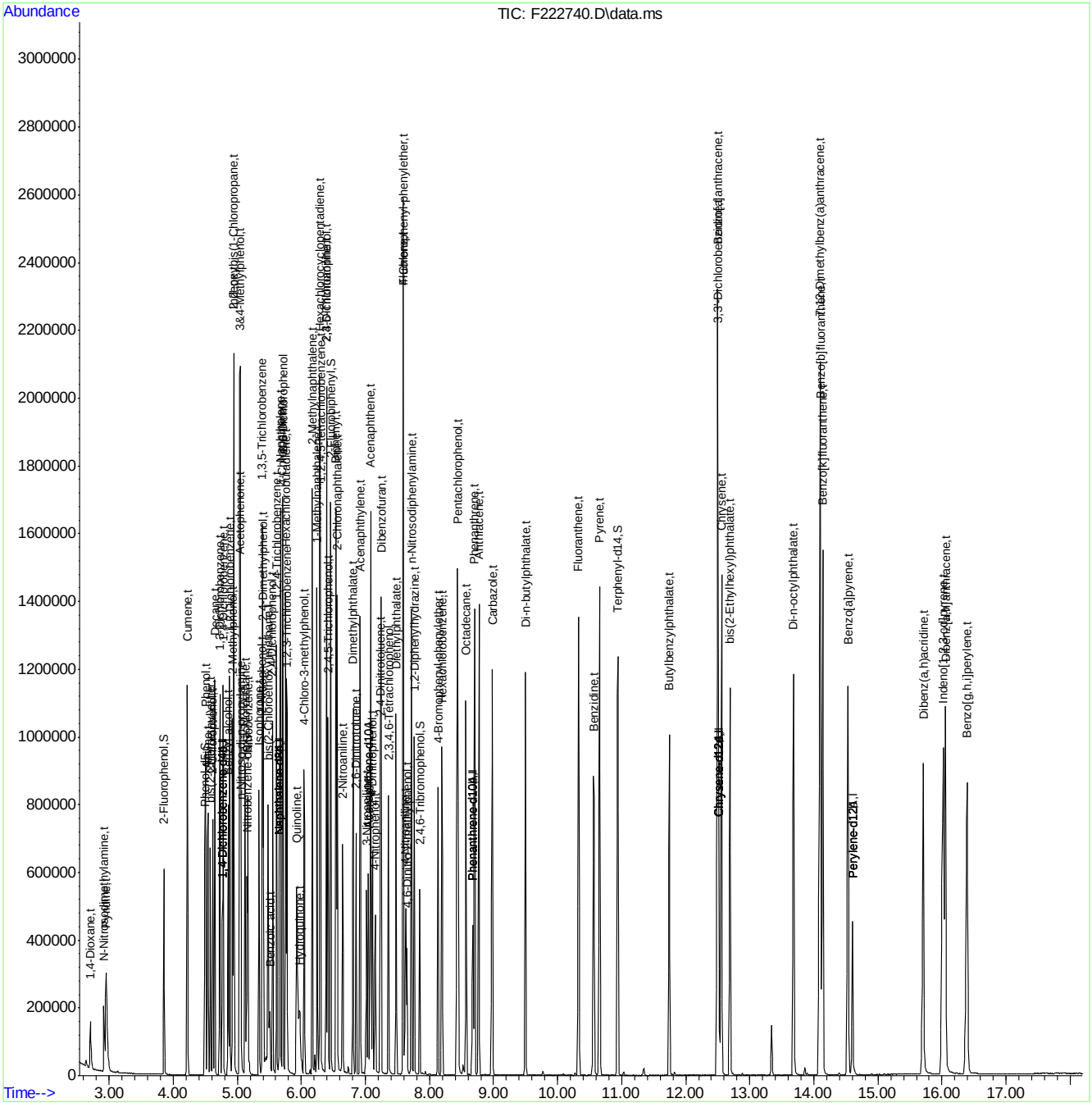
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 4-Nitroaniline	7.628	138	94735	104.26	ppm	97
70) 4,6-Dinitro-2-methylph...	7.650	198	59537	127.86	ppm	98
71) n-Nitrosodiphenylamine	7.719	169	354313	109.66	ppm	99
72) 1,2-Diphenylhydrazine	7.762	77	353060	106.30	ppm	96
74) 4-Bromophenyl-phenylether	8.136	248	127497	110.84	ppm	98
75) Hexachlorobenzene	8.195	284	134012	109.07	ppm	98
76) Pentachlorophenol	8.435	266	187879	228.00	ppm	97
77) Phenanthrene	8.702	178	613153	110.16	ppm	99
78) Anthracene	8.772	178	625061	109.95	ppm	100
79) Carbazole	8.980	167	580410	109.31	ppm	99
80) Di-n-butylphthalate	9.498	149	717223	111.10	ppm	100
81) Fluoranthene	10.326	202	721044	111.59	ppm	98
82) Octadecane	8.569	57	216174	106.29	ppm	99
84) Benzidine	10.561	184	467963	122.79	ppm	99
85) Pyrene	10.657	202	772610	107.64	ppm	100
87) Butylbenzylphthalate	11.742	149	305526	112.16	ppm	98
88) Benzo[a]anthracene	12.501	228	722998	108.17	ppm	99
89) 3,3'-Dichlorobenzidine	12.506	252	292757	109.47	ppm	97
90) Chrysene	12.559	228	718544	106.12	ppm	99
91) bis(2-Ethylhexyl)phtha...	12.693	149	483113	110.86	ppm	99
93) Di-n-octylphthalate	13.681	149	796775	115.03	ppm	99
94) Benzo[b]fluoranthene	14.103	252	776196	110.11	ppm	99
95) Benzo[k]fluoranthene	14.141	252	733180	106.91	ppm	98
96) Benzo[a]pyrene	14.536	252	643135	110.04	ppm	99
97) Indeno[1,2,3-cd]pyrene	16.016	276	692575	112.16	ppm	97
98) Dibenz(a,h)acridine	15.711	279	559223	112.23	ppm	99
99) Dibenz[a,h]anthracene	16.053	278	691386	111.77	ppm	99
100) 7,12-Dimethylbenz(a)an...	14.098	256	319232	110.07	ppm	99
101) Benzo[g,h,i]perylene	16.390	276	645103	109.78	ppm	98

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

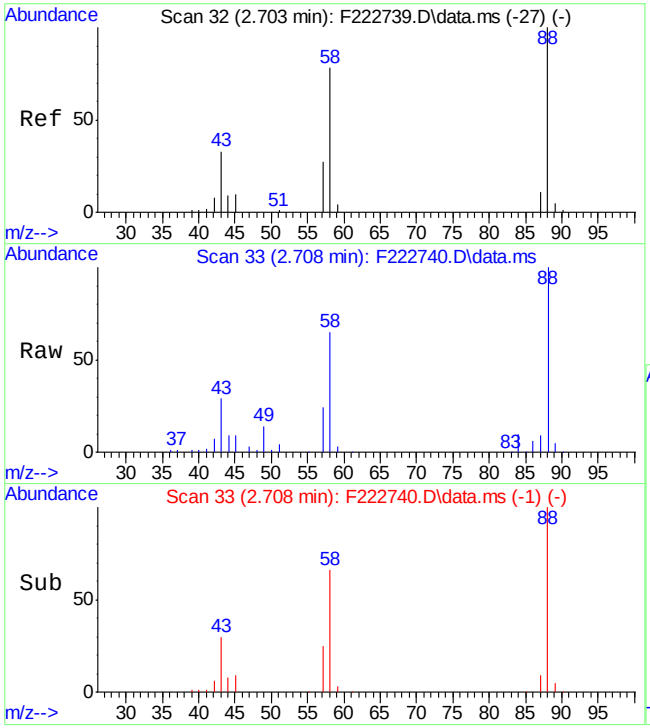
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222740.D
Acq On : 7 Nov 2024 11:43 am
Operator : jackleey
Sample : ic9899-100
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 06 10:43:23 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration



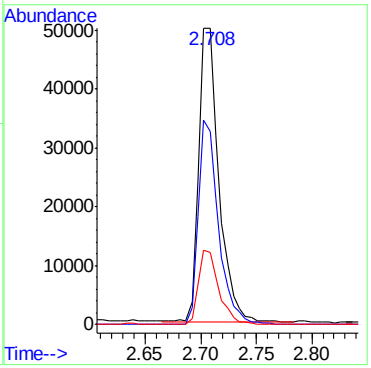
MF9899.M Fri Dec 06 10:44:03 2024 RT1 Page: 4

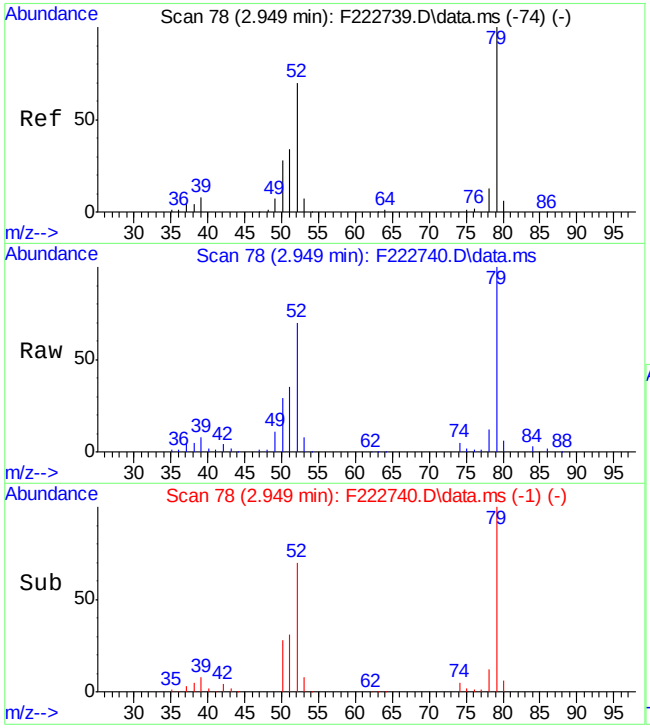


#2
1,4-Dioxane
Concen: 108.57 ppm
RT: 2.708 min Scan# 33
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 88 Resp: 62622

Ion	Ratio	Lower	Upper
88	100		
58	65.8	47.6	107.6
57	24.4	0.0	57.2

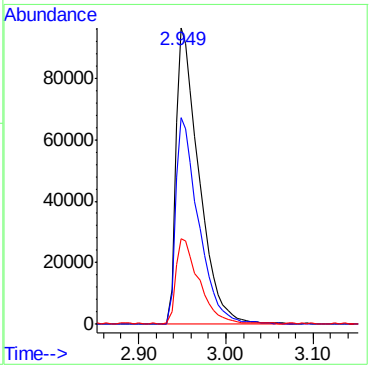


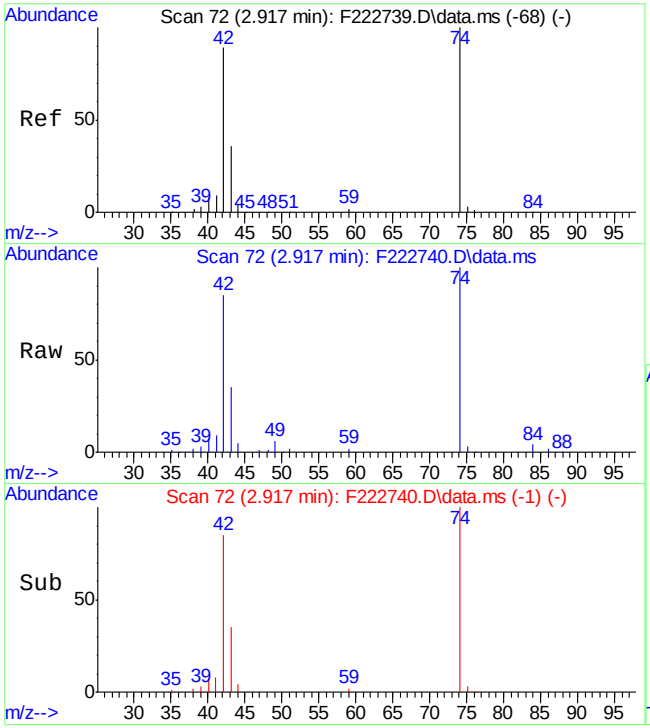


#3
Pyridine
Concen: 108.01 ppm
RT: 2.949 min Scan# 78
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 79 Resp: 176656

Ion	Ratio	Lower	Upper
79	100		
52	69.5	39.7	99.7
50	28.4	0.0	58.3

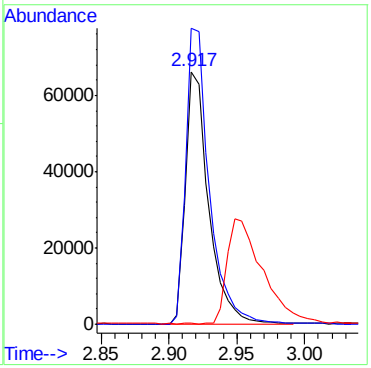


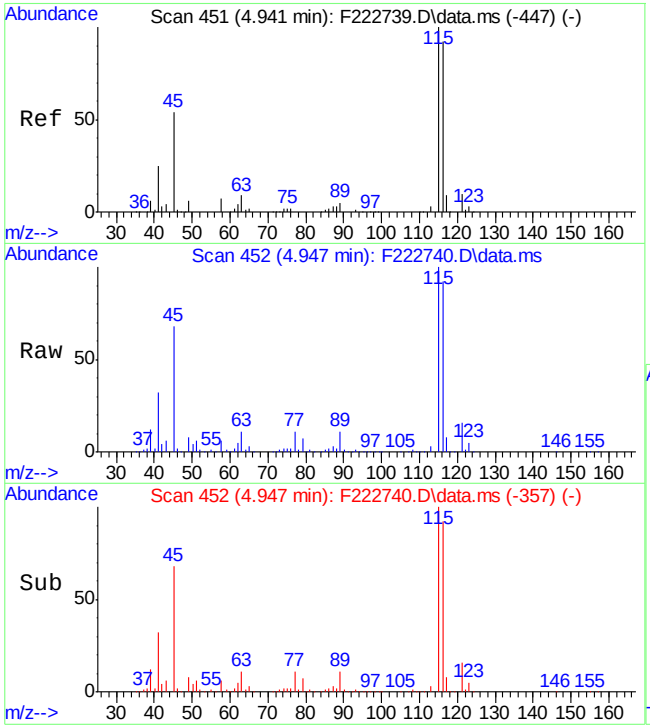


#4
N-Nitrosodimethylamine
Concen: 105.72 ppm
RT: 2.917 min Scan# 72
Delta R.T. 0.001 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 42 Resp: 79438

Ion	Ratio	Lower	Upper
42	100		
74	117.1	82.2	142.2
50	0.0	0.0	30.0

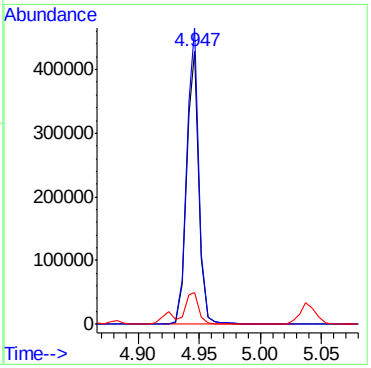


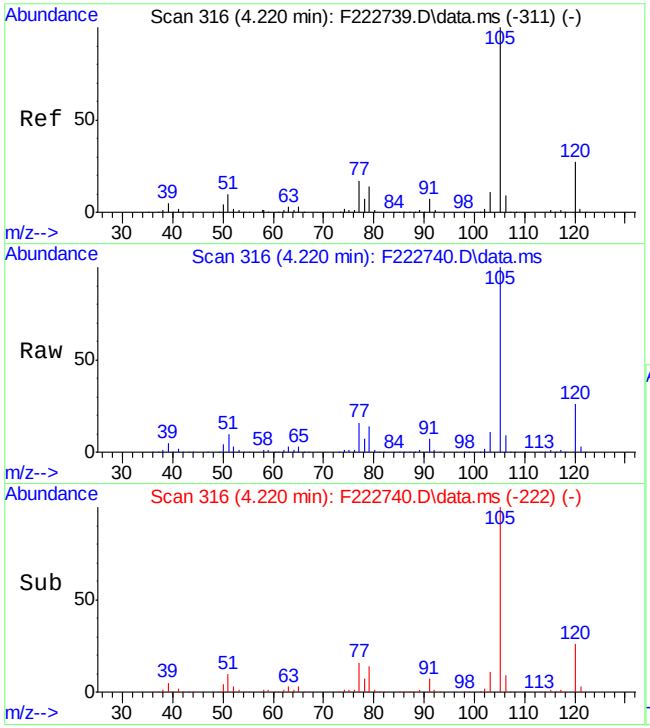


#6
Indene
Concen: 109.48 ppm
RT: 4.947 min Scan# 452
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:116 Resp: 304128

Ion	Ratio	Lower	Upper
116	100		
115	108.6	78.5	138.5
63	9.9	0.0	42.1

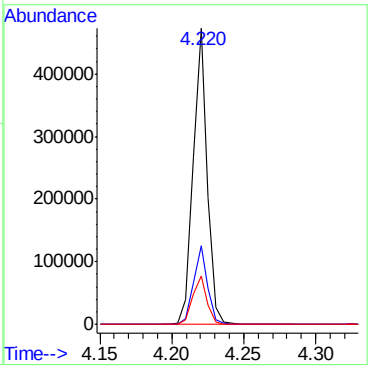


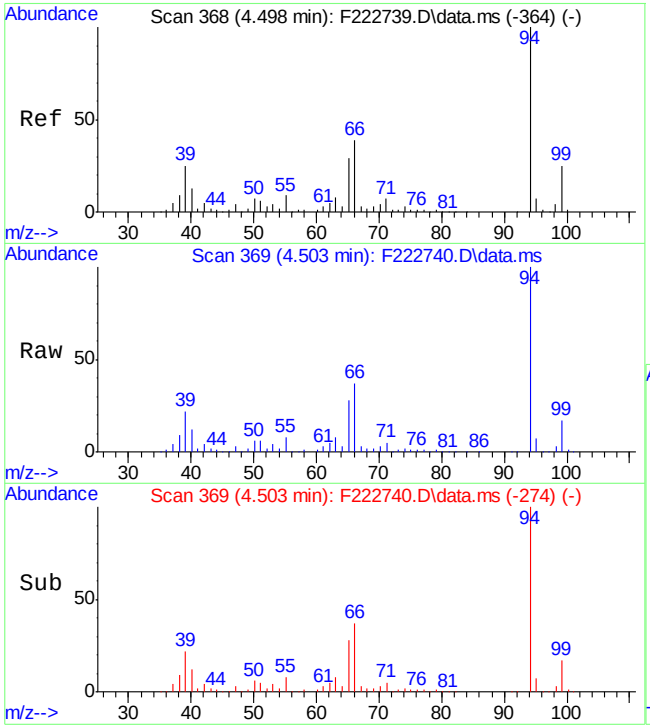


#7
Cumene
Concen: 109.15 ppm
RT: 4.220 min Scan# 316
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:105 Resp: 325929

Ion	Ratio	Lower	Upper
105	100		
120	26.4	0.0	57.2
77	16.3	0.0	46.5

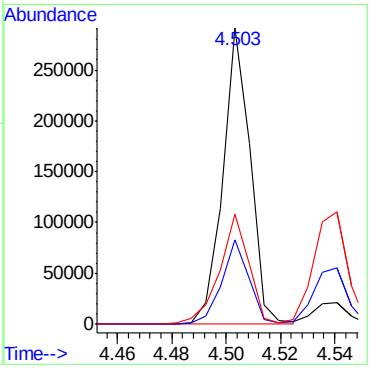


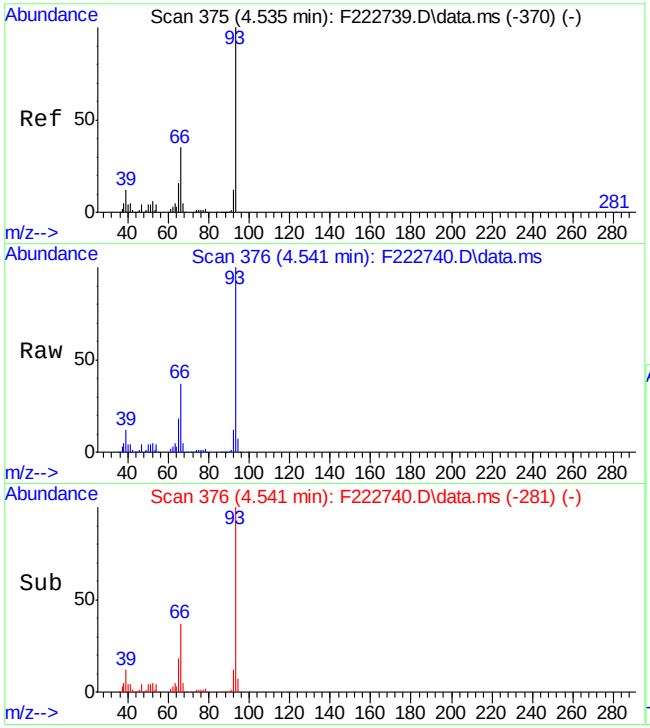


#9
Phenol
Concen: 108.43 ppm
RT: 4.503 min Scan# 369
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 94 Resp: 202125

Ion	Ratio	Lower	Upper
94	100		
65	28.1	0.0	59.0
66	36.3	8.6	68.6

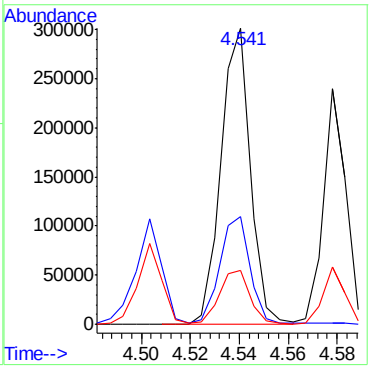


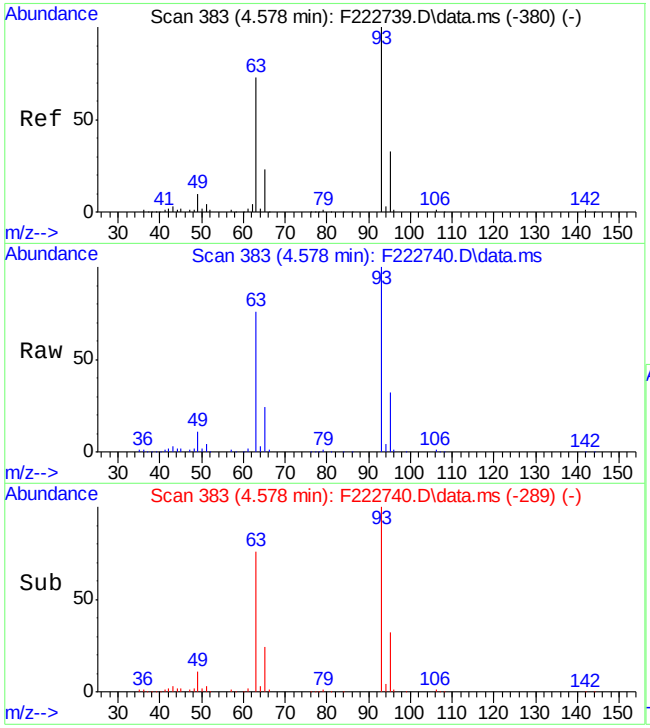


#10
Aniline
Concen: 108.37 ppm
RT: 4.541 min Scan# 376
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 93 Resp: 253069

Ion	Ratio	Lower	Upper
93	100		
66	26.8	6.6	66.6
65	10.8	0.0	47.6

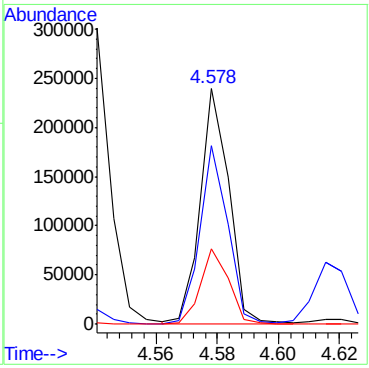


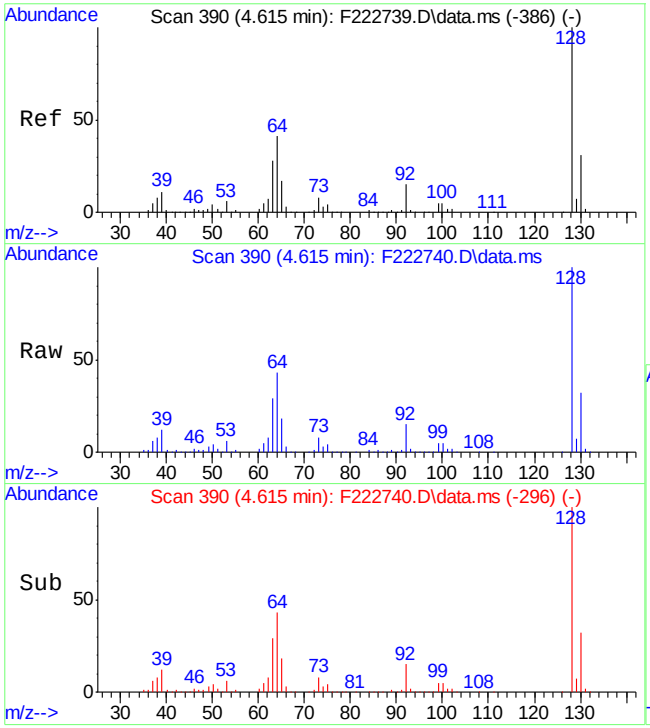


#11
bis(2-Chloroethyl)ether
Concen: 107.84 ppm
RT: 4.578 min Scan# 383
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 93 Resp: 155642

Ion	Ratio	Lower	Upper
93	100		
63	75.9	42.1	102.1
95	32.2	2.4	62.4

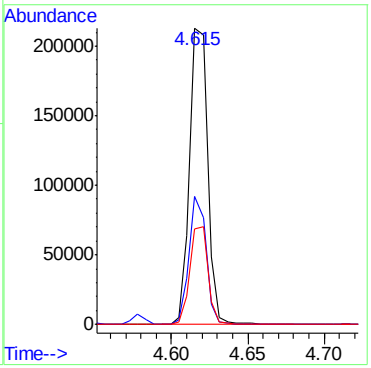


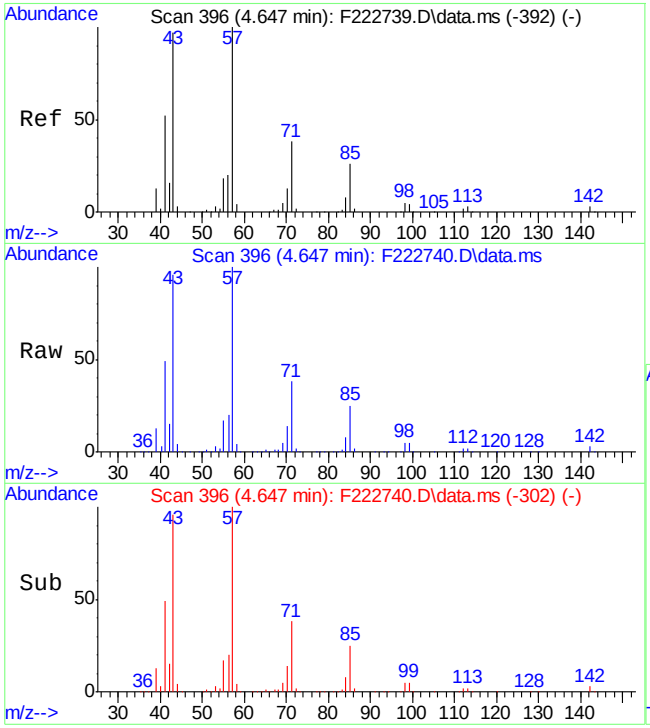


#12
2-Chlorophenol
Concen: 108.42 ppm
RT: 4.615 min Scan# 390
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:128 Resp: 176072

Ion	Ratio	Lower	Upper
128	100		
64	43.2	10.9	70.9
130	32.3	1.2	61.2

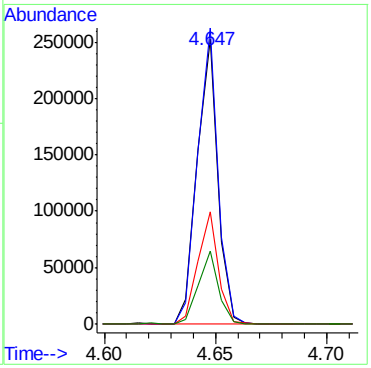


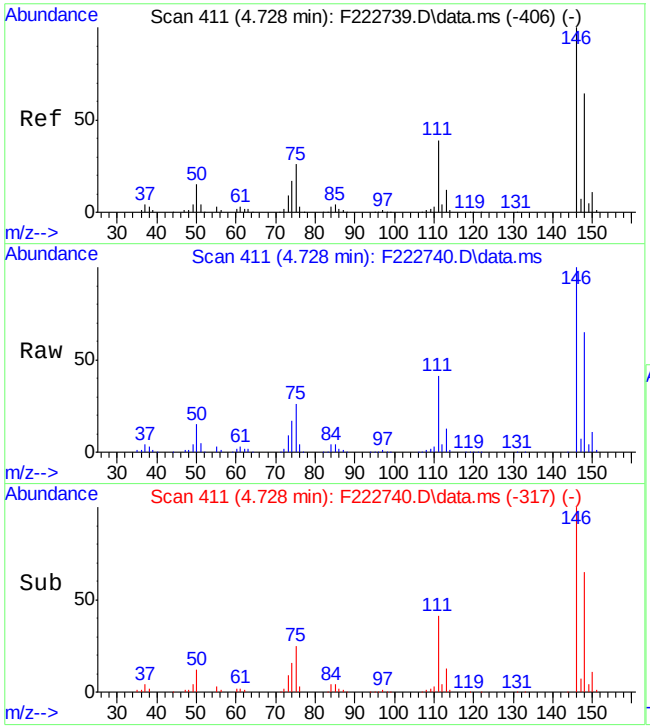


#13
Decane
Concen: 107.01 ppm
RT: 4.647 min Scan# 396
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 43 Resp: 163633

Ion	Ratio	Lower	Upper
43	100		
57	103.8	73.5	133.5
71	39.4	9.4	69.4
85	25.5	0.0	56.4

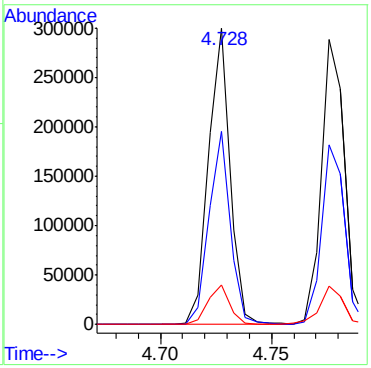


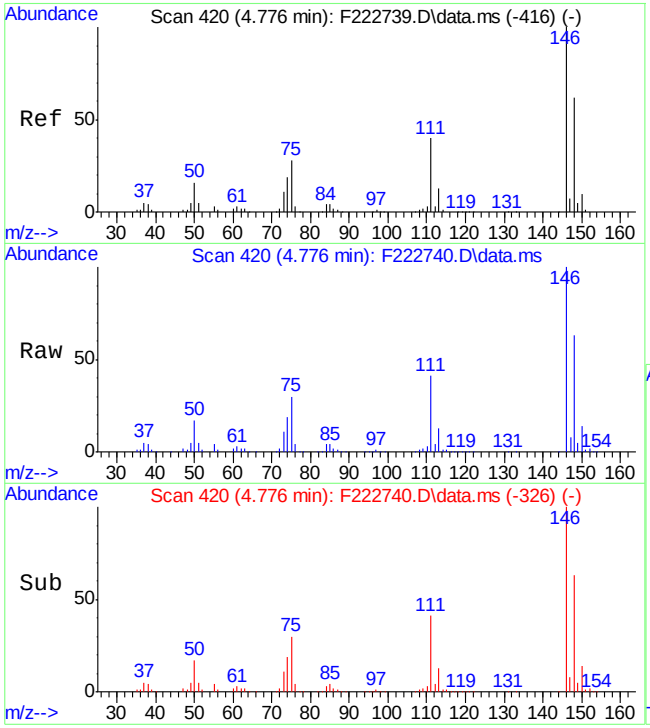


#14
1,3-Dichlorobenzene
Concen: 109.35 ppm
RT: 4.728 min Scan# 411
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:146 Resp: 204127

Ion	Ratio	Lower	Upper
146	100		
148	65.3	33.6	93.6
113	13.2	0.0	41.9

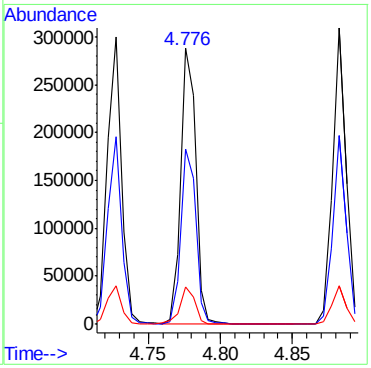


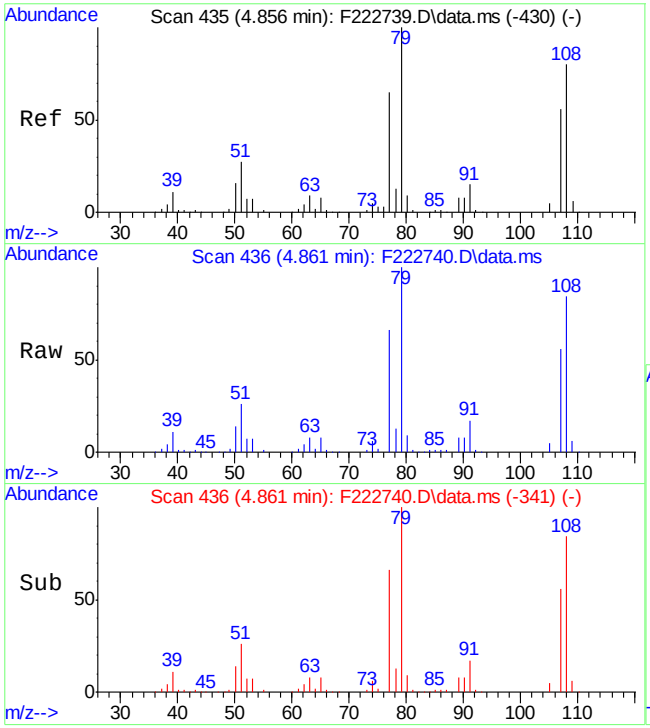


#15
1,4-Dichlorobenzene
Concen: 108.85 ppm
RT: 4.776 min Scan# 420
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:146 Resp: 208331

Ion	Ratio	Lower	Upper
146	100		
148	63.2	32.0	92.0
113	13.1	0.0	42.6

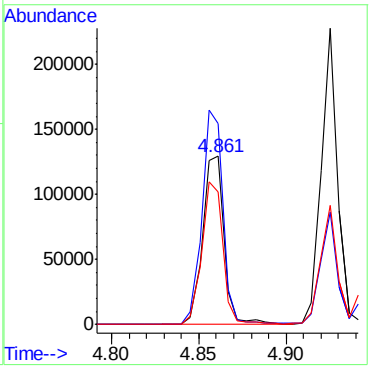


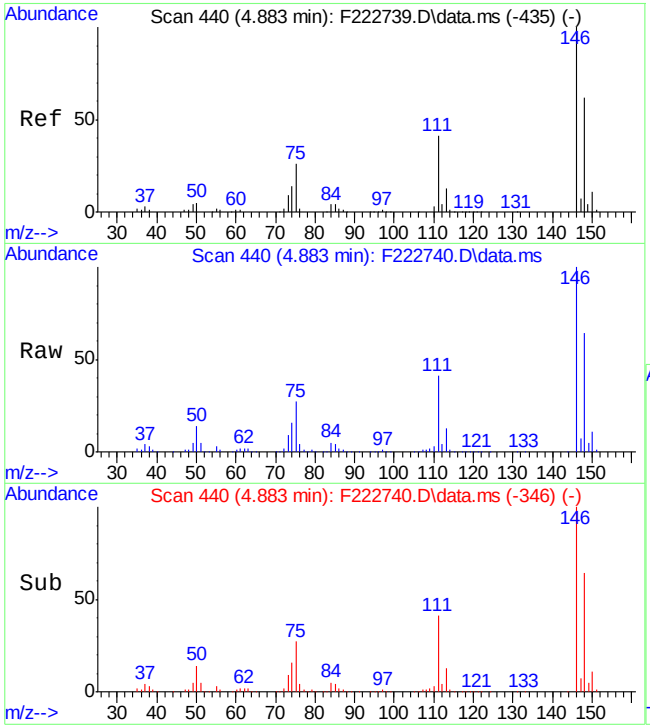


#16
Benzyl alcohol
Concen: 110.21 ppm
RT: 4.861 min Scan# 436
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:108 Resp: 110699

Ion	Ratio	Lower	Upper
108	100		
79	119.4	95.7	155.7
77	79.0	51.3	111.3

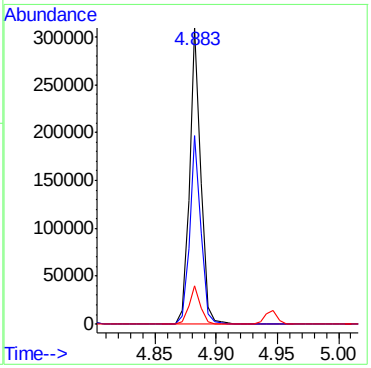


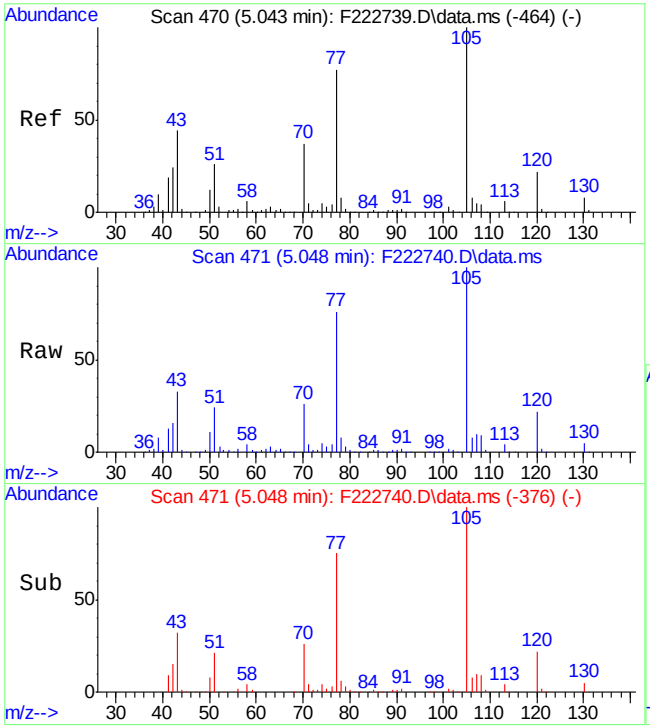


#17
1,2-Dichlorobenzene
Concen: 111.02 ppm
RT: 4.883 min Scan# 440
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:146 Resp: 200382

Ion	Ratio	Lower	Upper
146	100		
148	63.8	31.8	91.8
113	12.9	0.0	42.3

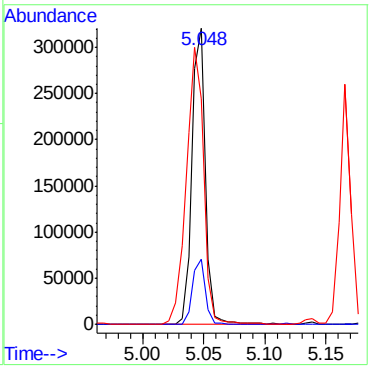


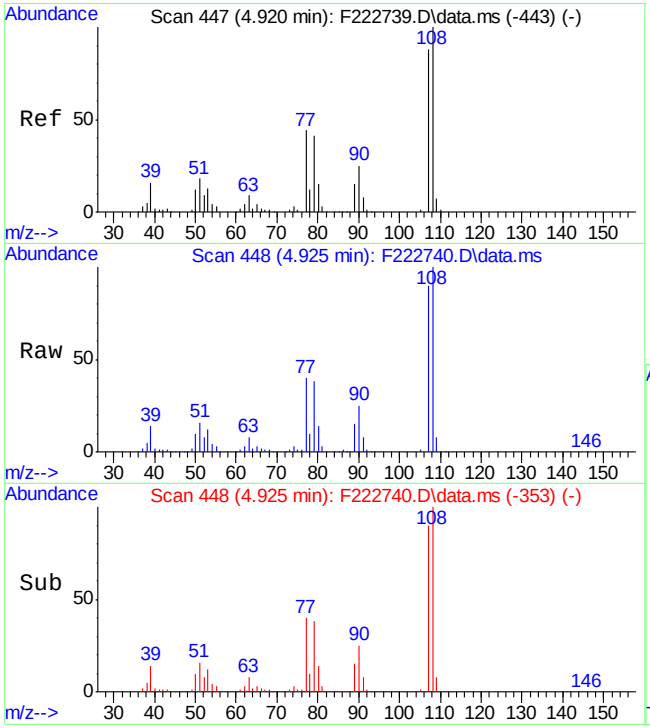


#18
Acetophenone
Concen: 106.84 ppm
RT: 5.048 min Scan# 471
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:105 Resp: 248303

Ion	Ratio	Lower	Upper
105	100		
120	22.0	0.0	51.5
77	76.1	46.5	106.5

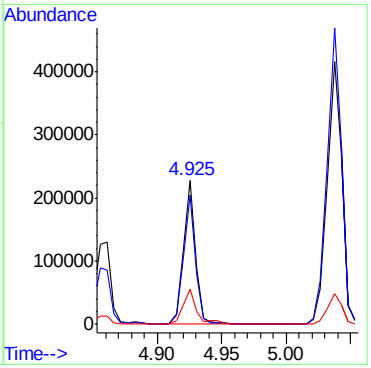


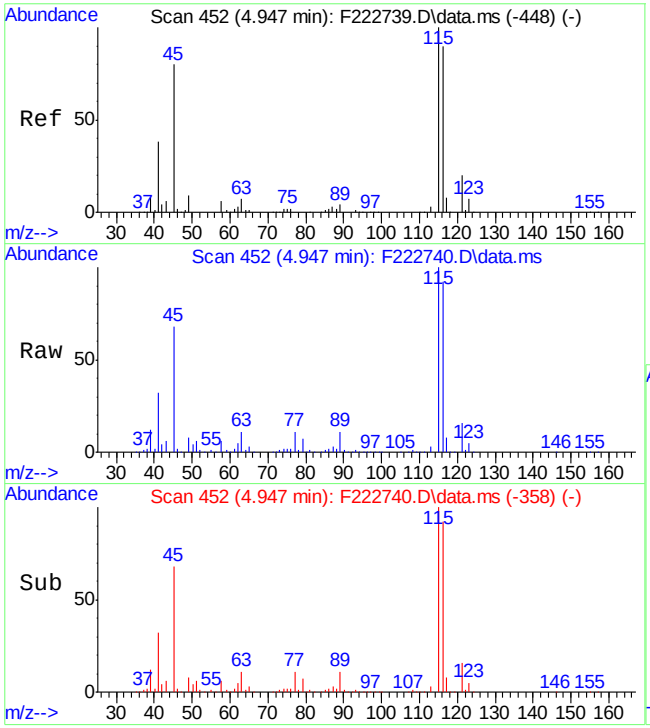


#19
2-Methylphenol
Concen: 108.38 ppm
RT: 4.925 min Scan# 448
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:108 Resp: 151370

Ion	Ratio	Lower	Upper
108	100		
107	89.7	58.3	118.3
90	24.6	0.0	55.3

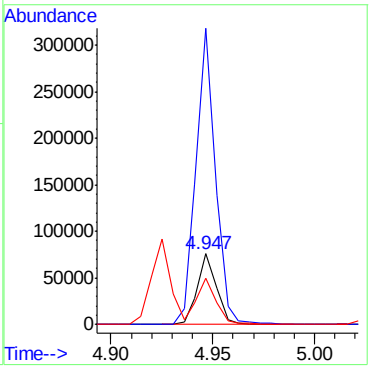


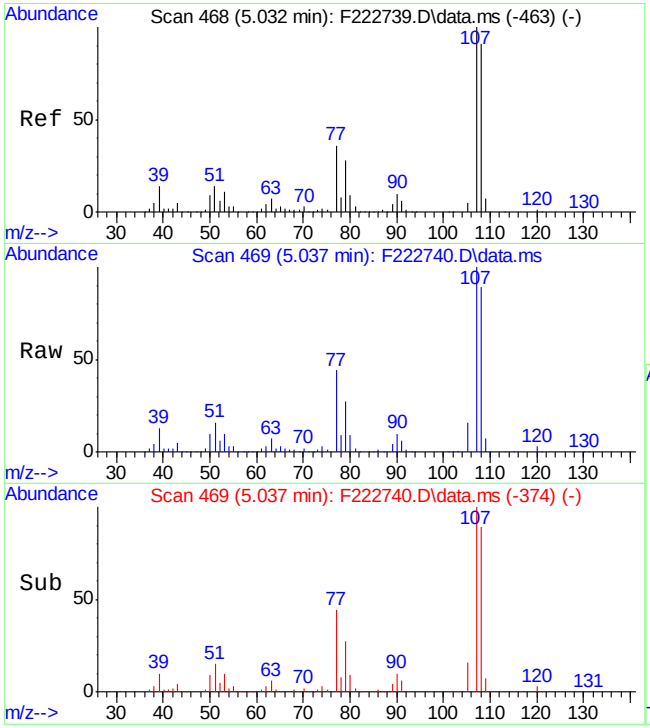


#20
2,2'-oxybis(1-Chloropropane
Concen: 108.01 ppm
RT: 4.947 min Scan# 452
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:121 Resp: 48764

Ion	Ratio	Lower	Upper
121	100		
45	419.8	374.4	434.4
77	4.3	0.0	49.9

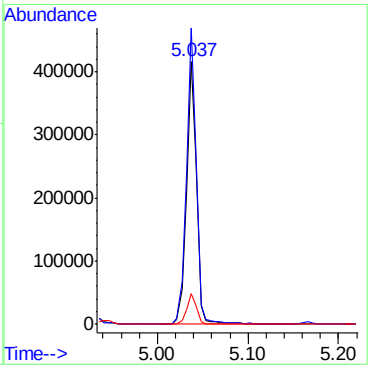


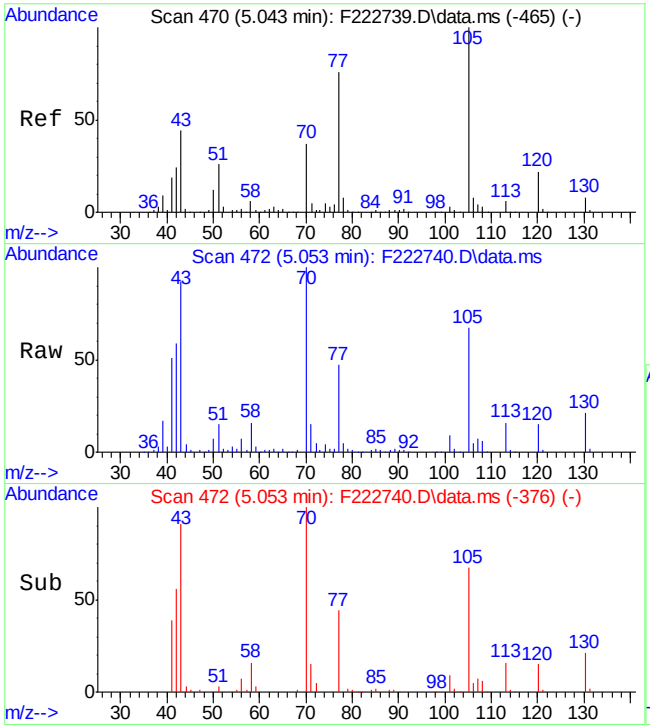


#21
3&4-Methylphenol
Concen: 216.88 ppm
RT: 5.037 min Scan# 469
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:108 Resp: 326418

Ion	Ratio	Lower	Upper
108	100		
107	112.7	80.0	140.0
90	11.8	0.0	41.5

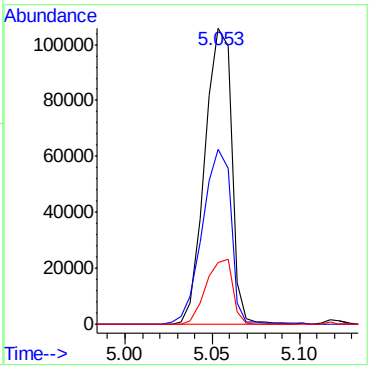


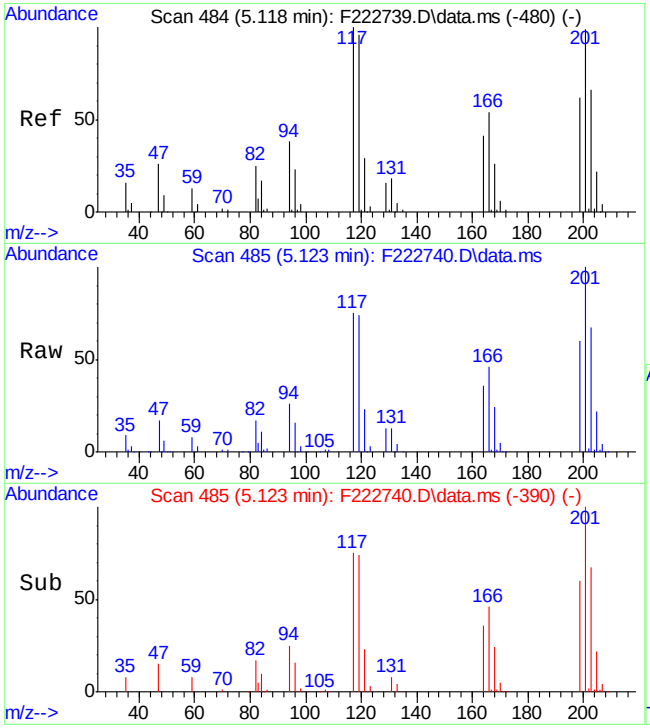


#22
n-Nitroso-di-n-propylamine
Concen: 105.49 ppm
RT: 5.053 min Scan# 472
Delta R.T. 0.011 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 70 Resp: 113379

Ion	Ratio	Lower	Upper
70	100		
42	59.0	44.9	83.5
130	21.0	15.4	28.6

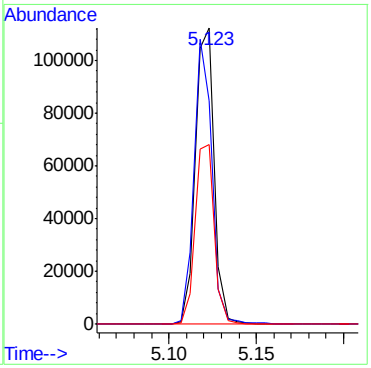


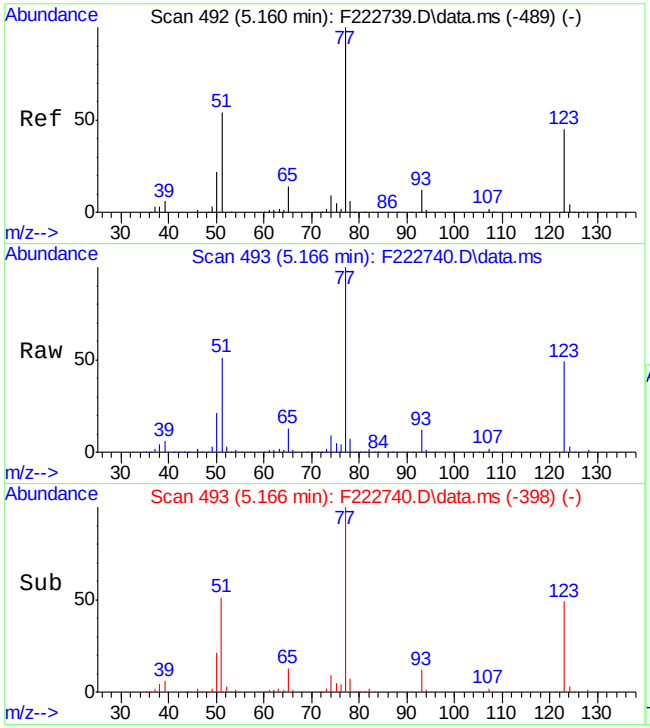


#23
Hexachloroethane
Concen: 110.99 ppm
RT: 5.123 min Scan# 485
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:201 Resp: 84120

Ion	Ratio	Lower	Upper
201	100		
117	75.3	70.8	130.8
199	60.5	32.9	92.9

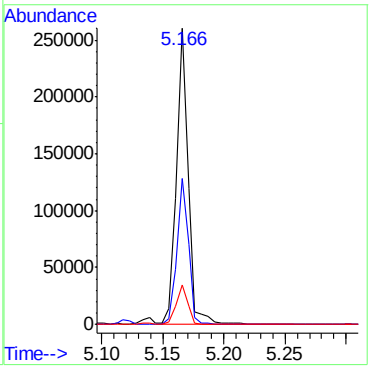


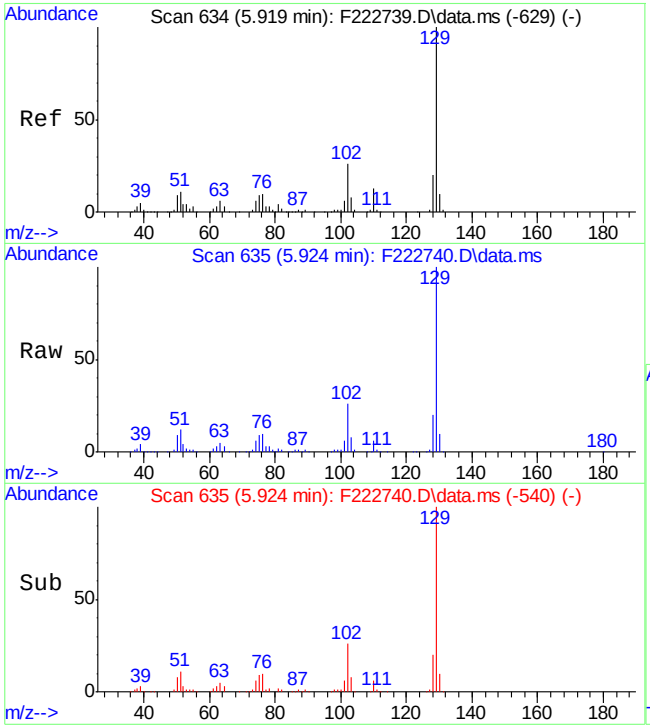


#26
Nitrobenzene
Concen: 108.52 ppm
RT: 5.166 min Scan# 493
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 77 Resp: 172552

Ion	Ratio	Lower	Upper
77	100		
123	49.3	14.9	74.9
65	13.3	0.0	44.3

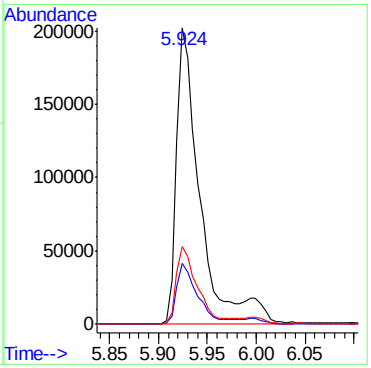


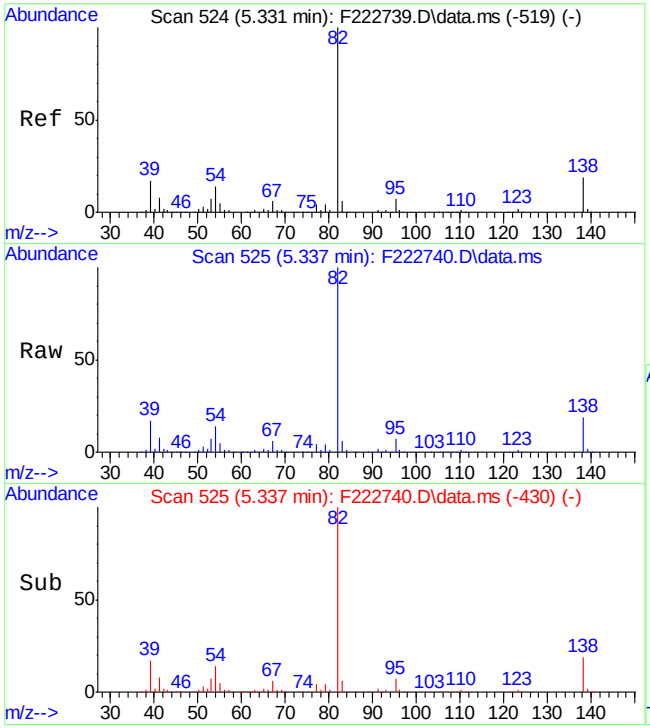


#27
Quinoline
Concen: 108.95 ppm m
RT: 5.924 min Scan# 635
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:129 Resp: 340258

Ion	Ratio	Lower	Upper
129	100		
128	20.4	0.0	49.8
102	26.3	0.0	55.7

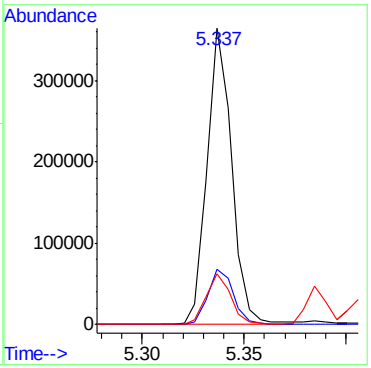


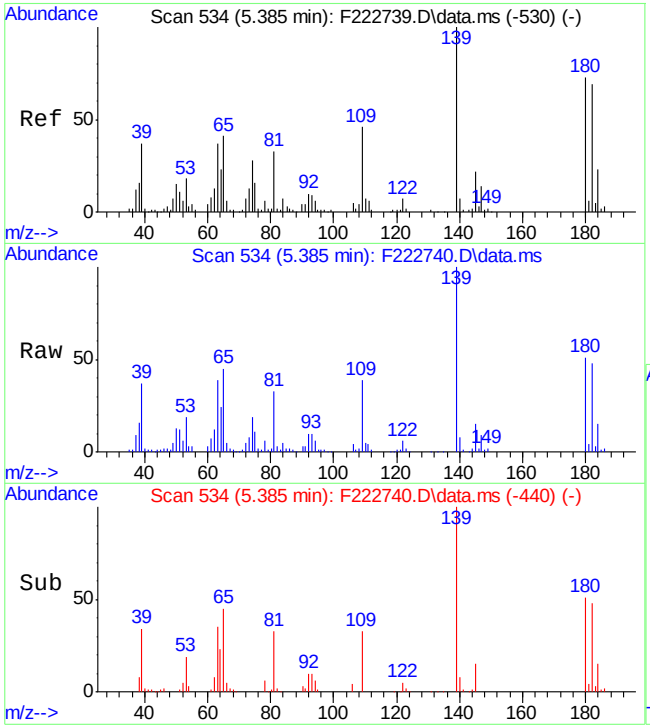


#28
Isophorone
Concen: 107.90 ppm
RT: 5.337 min Scan# 525
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 82 Resp: 303862

Ion	Ratio	Lower	Upper
82	100		
138	18.6	0.0	48.7
39	16.8	0.0	46.7

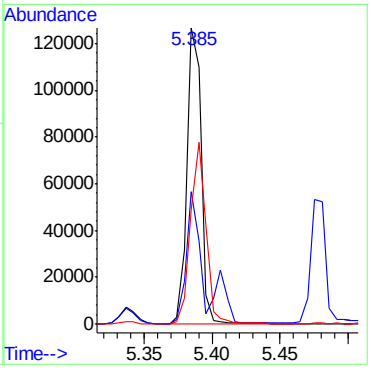


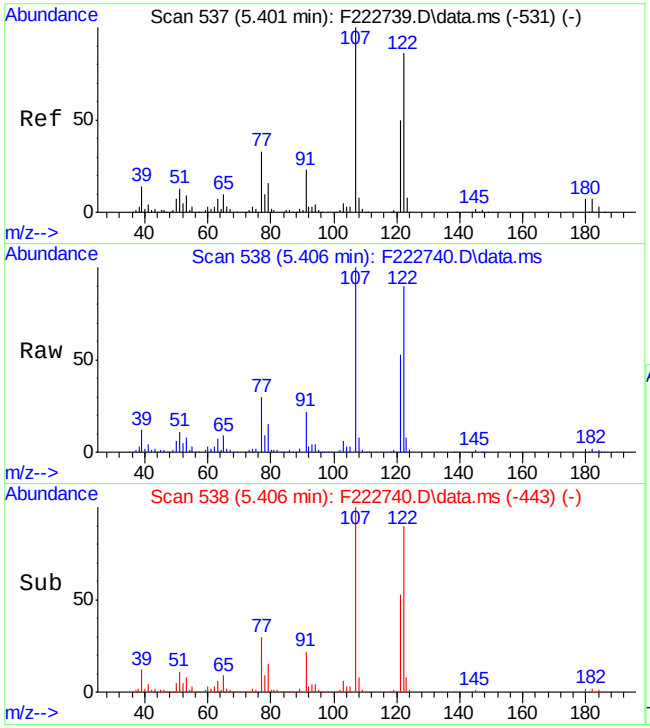


#29
2-Nitrophenol
Concen: 122.34 ppm
RT: 5.385 min Scan# 534
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:139 Resp: 92567

Ion	Ratio	Lower	Upper
139	100		
65	44.6	10.5	70.5
109	38.8	16.1	76.1

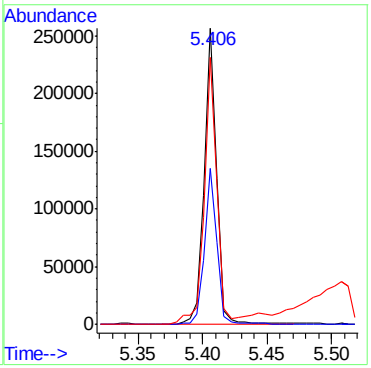


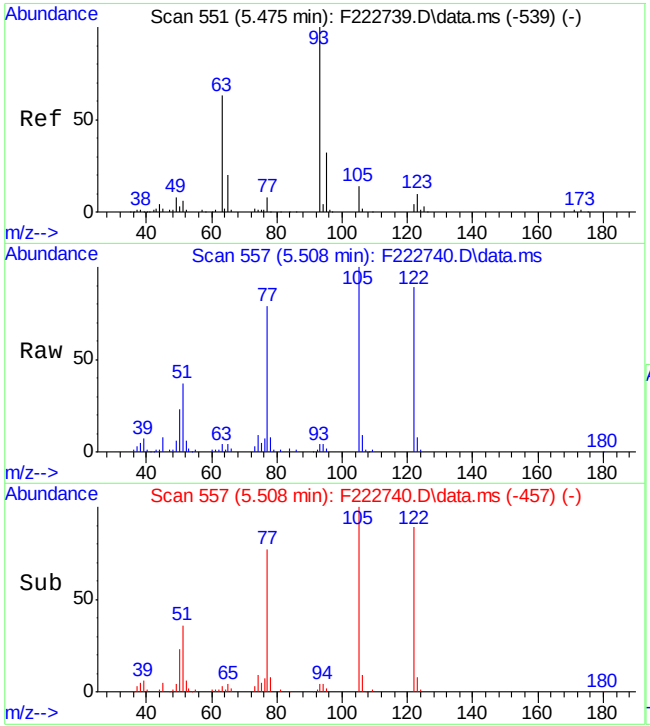


#30
2,4-Dimethylphenol
Concen: 110.03 ppm
RT: 5.406 min Scan# 538
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:107 Resp: 175621

Ion	Ratio	Lower	Upper
107	100		
121	52.6	20.1	80.1
122	87.5	49.3	109.3

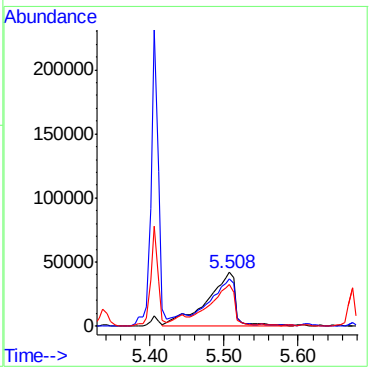


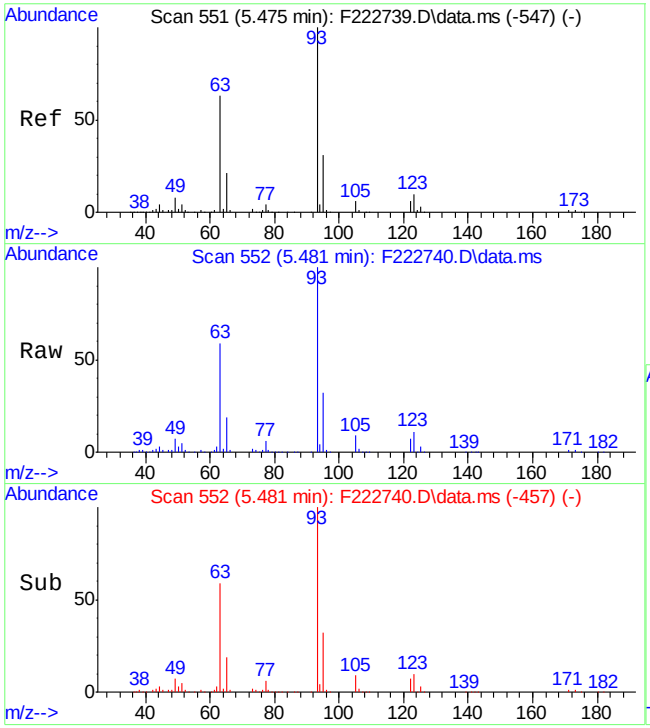


#31
Benzoic acid
Concen: 124.50 ppm
RT: 5.508 min Scan# 557
Delta R.T. 0.032 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:105 Resp: 114616

Ion	Ratio	Lower	Upper
105	100		
122	73.4	28.8	88.8
77	74.9	34.7	94.7

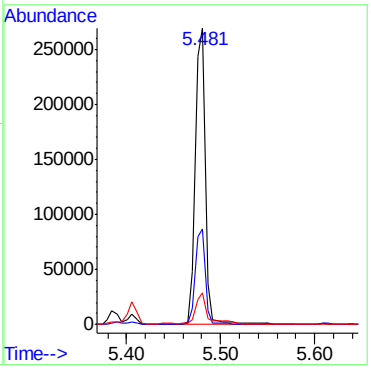


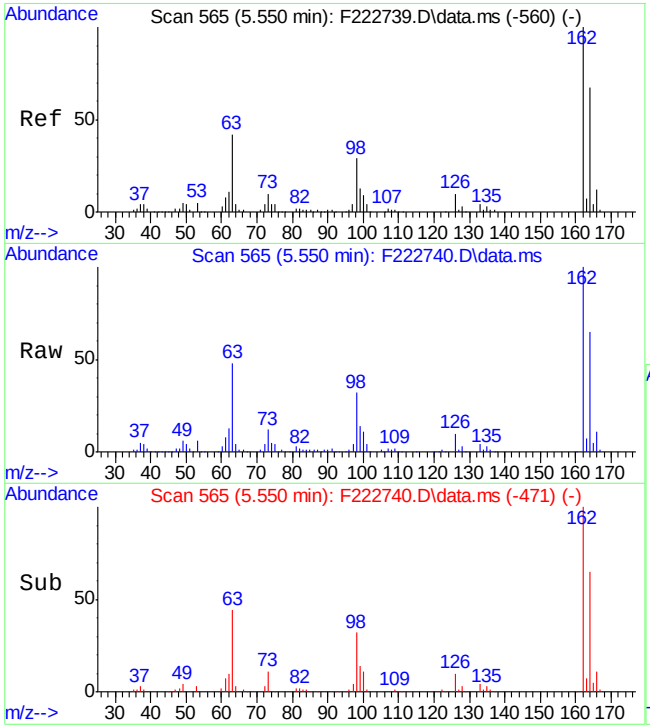


#32
bis(2-Chloroethoxy)methane
Concen: 109.03 ppm
RT: 5.481 min Scan# 552
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 93 Resp: 199304

Ion	Ratio	Lower	Upper
93	100		
95	32.4	1.4	61.4
123	10.4	0.0	40.0

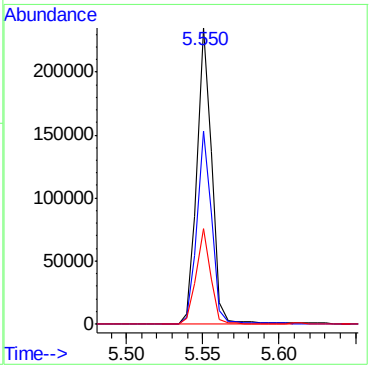


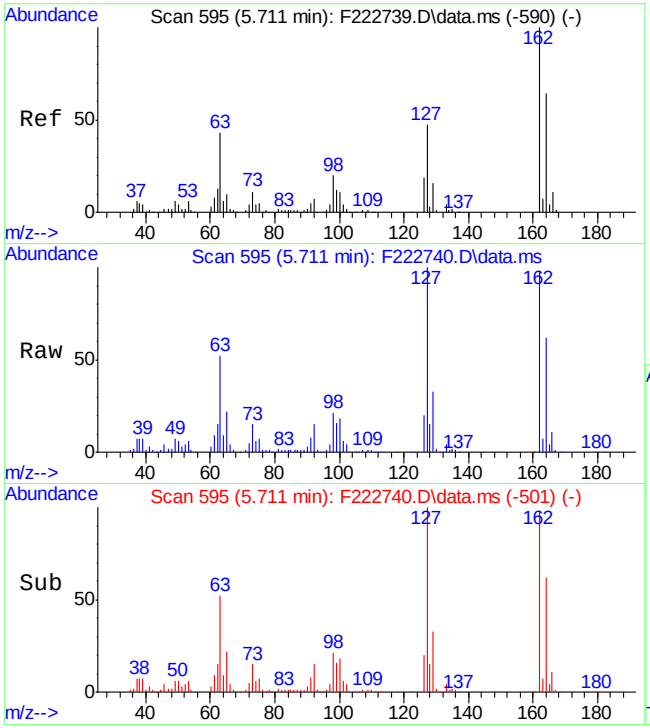


#33
2,4-Dichlorophenol
Concen: 112.87 ppm
RT: 5.550 min Scan# 565
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:162 Resp: 158744

Ion	Ratio	Lower	Upper
162	100		
164	65.2	36.7	96.7
98	32.2	0.0	59.1

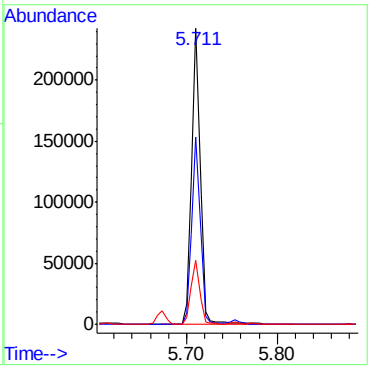


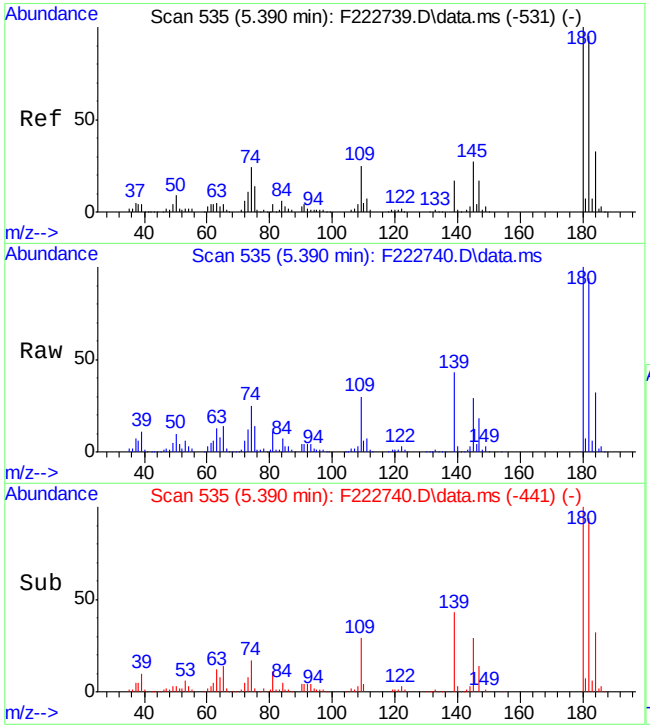


#34
2,6-Dichlorophenol
Concen: 113.03 ppm
RT: 5.711 min Scan# 595
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:162 Resp: 163835

Ion	Ratio	Lower	Upper
162	100		
164	63.3	34.3	94.3
98	19.4	0.0	49.7

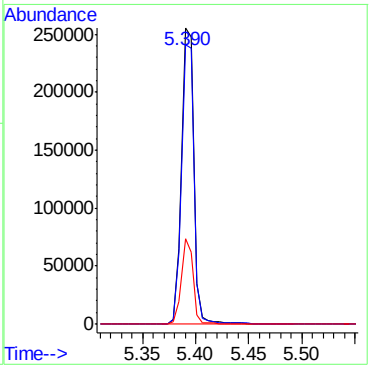


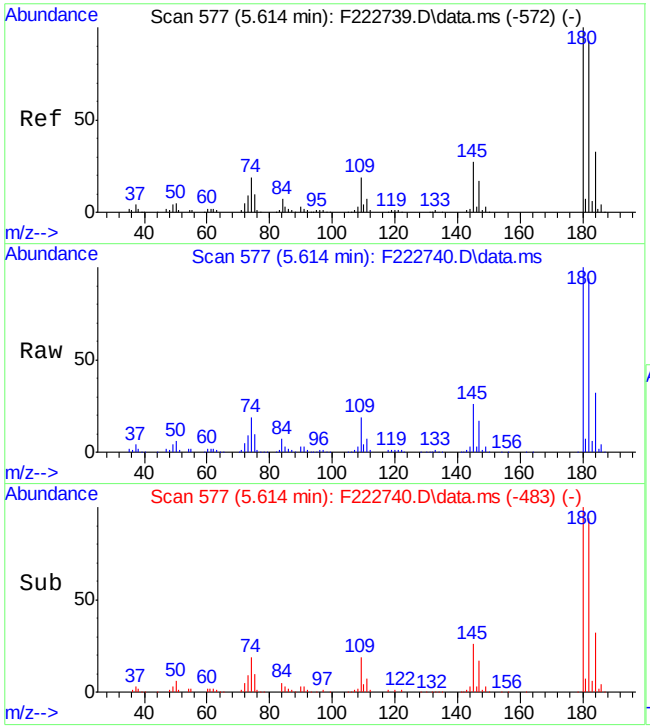


#35
1,3,5-Trichlorobenzene
Concen: 111.86 ppm
RT: 5.390 min Scan# 535
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:180 Resp: 200445

Ion	Ratio	Lower	Upper
180	100		
182	94.3	65.3	125.3
145	28.8	0.0	57.4

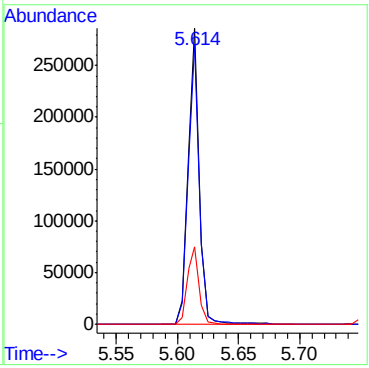


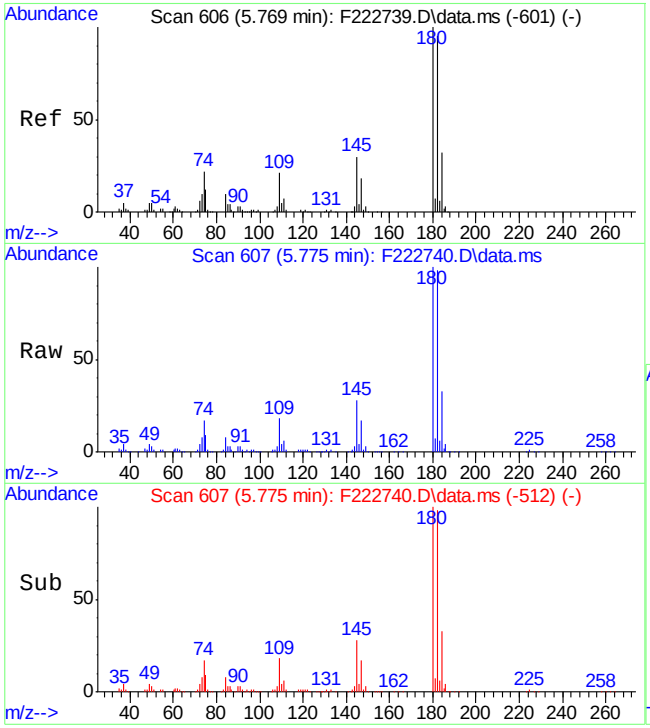


#36
1,2,4-Trichlorobenzene
Concen: 111.29 ppm
RT: 5.614 min Scan# 577
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:180 Resp: 186776

Ion	Ratio	Lower	Upper
180	100		
182	94.4	63.3	123.3
145	26.3	0.0	56.9

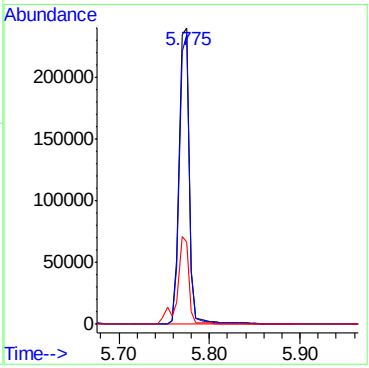


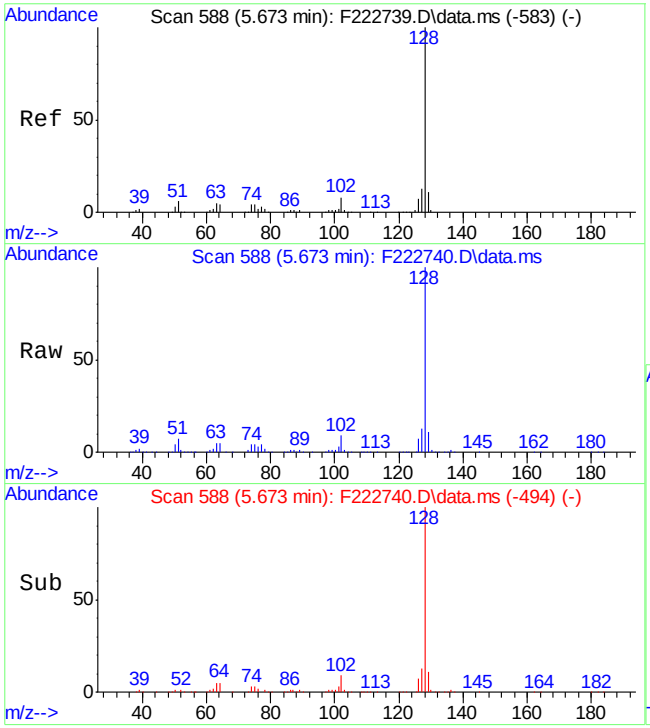


#37
1,2,3-Trichlorobenzene
Concen: 110.98 ppm
RT: 5.775 min Scan# 607
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:180 Resp: 191100

Ion	Ratio	Lower	Upper
180	100		
182	97.6	64.7	124.7
145	26.5	0.0	59.8

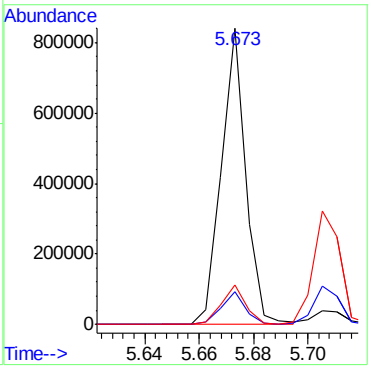


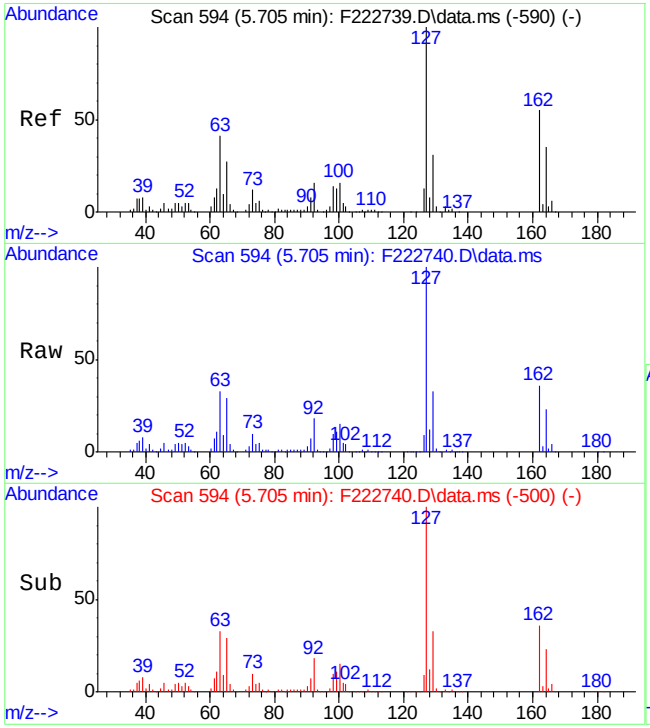


#38
Naphthalene
Concen: 109.51 ppm
RT: 5.673 min Scan# 588
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:128 Resp: 521679

Ion	Ratio	Lower	Upper
128	100		
129	10.9	0.0	40.5
127	12.8	0.0	42.8

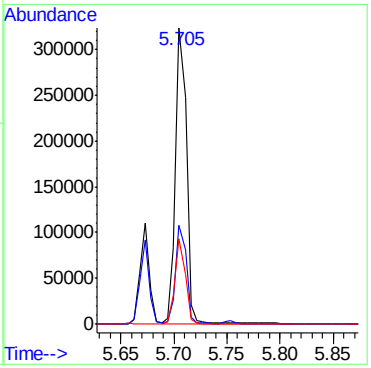


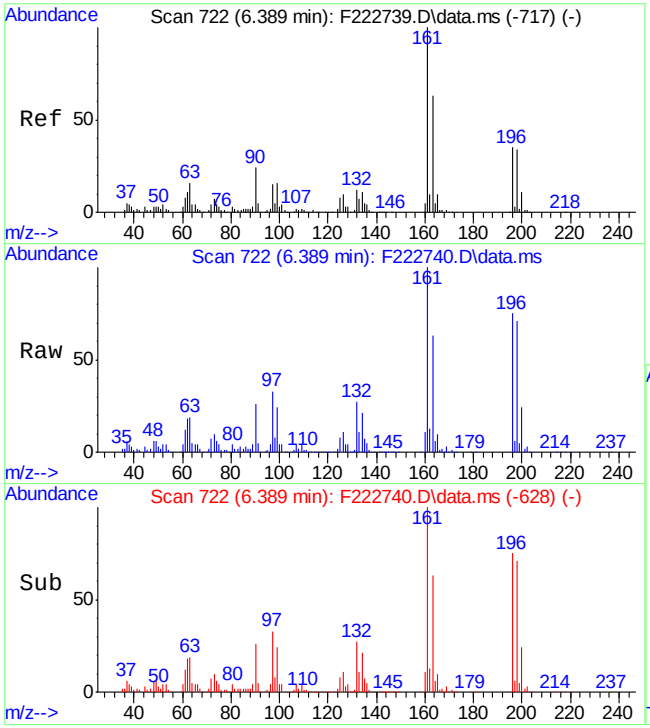


#39
4-Chloroaniline
Concen: 108.81 ppm
RT: 5.705 min Scan# 594
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:127 Resp: 225868

Ion	Ratio	Lower	Upper
127	100		
129	33.1	1.4	61.4
65	28.8	0.0	57.0

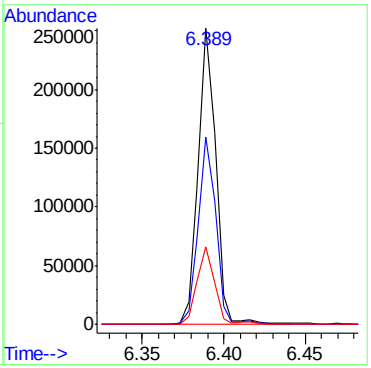


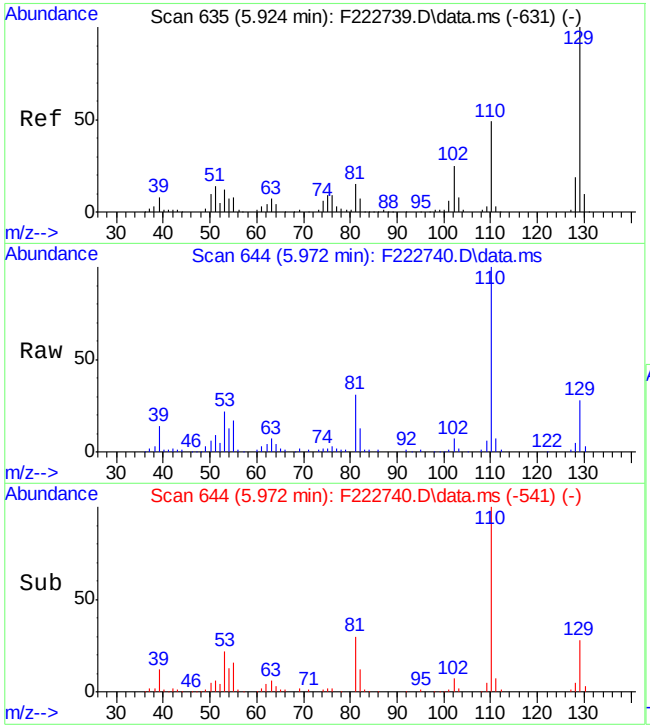


#40
2,3-Dichloroaniline
Concen: 111.89 ppm
RT: 6.389 min Scan# 722
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:161 Resp: 189198

Ion	Ratio	Lower	Upper
161	100		
163	63.3	32.9	92.9
90	26.2	0.0	54.3

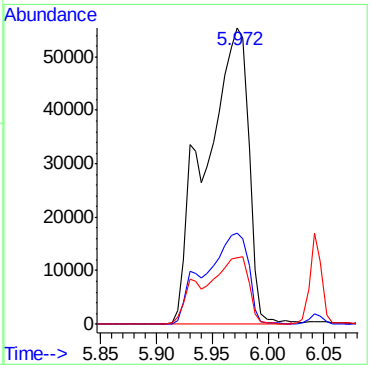


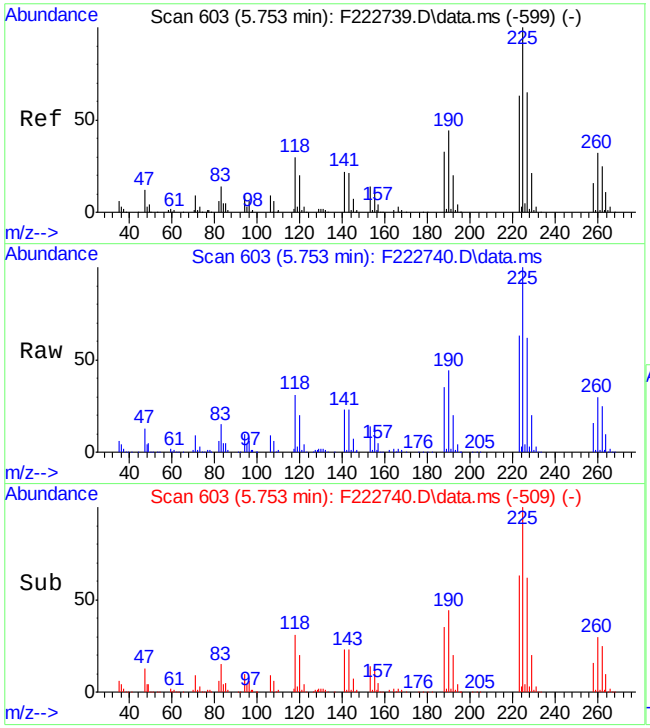


#41
Hydroquinone
Concen: 106.59 ppm m
RT: 5.972 min Scan# 644
Delta R.T. 0.048 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:110 Resp: 149335

Ion	Ratio	Lower	Upper
110	100		
81	30.7	0.7	60.7
53	22.3	0.0	54.6

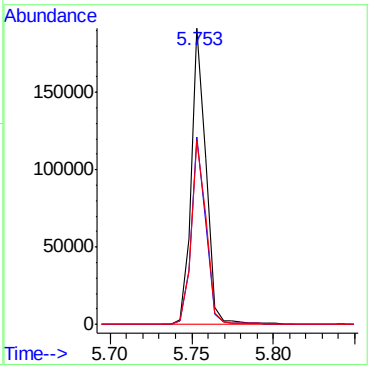


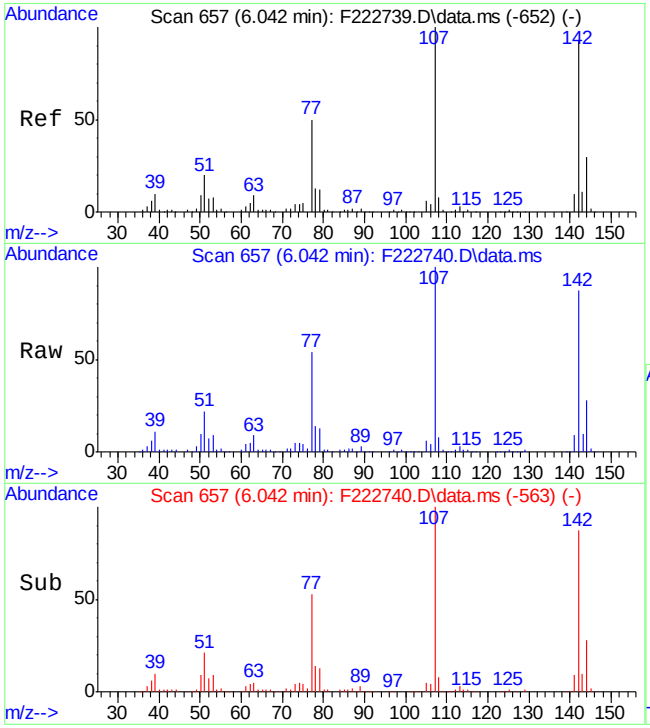


#42
Hexachlorobutadiene
Concen: 111.13 ppm
RT: 5.753 min Scan# 603
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:225 Resp: 120720

Ion	Ratio	Lower	Upper
225	100		
223	63.2	33.1	93.1
227	62.2	35.0	95.0

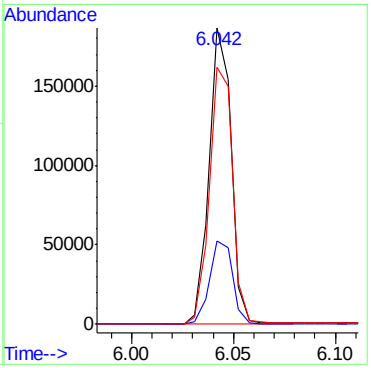


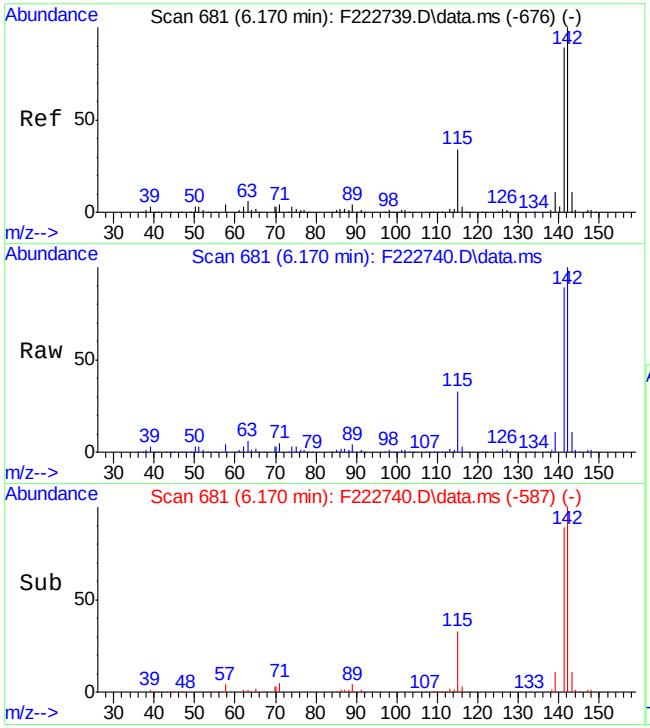


#43
4-Chloro-3-methylphenol
Concen: 107.46 ppm
RT: 6.042 min Scan# 657
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:107 Resp: 140316

Ion	Ratio	Lower	Upper
107	100		
144	27.9	0.0	59.6
142	86.8	62.6	122.6

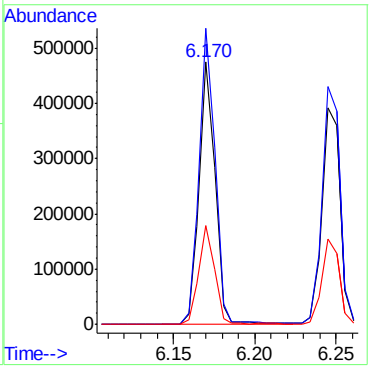


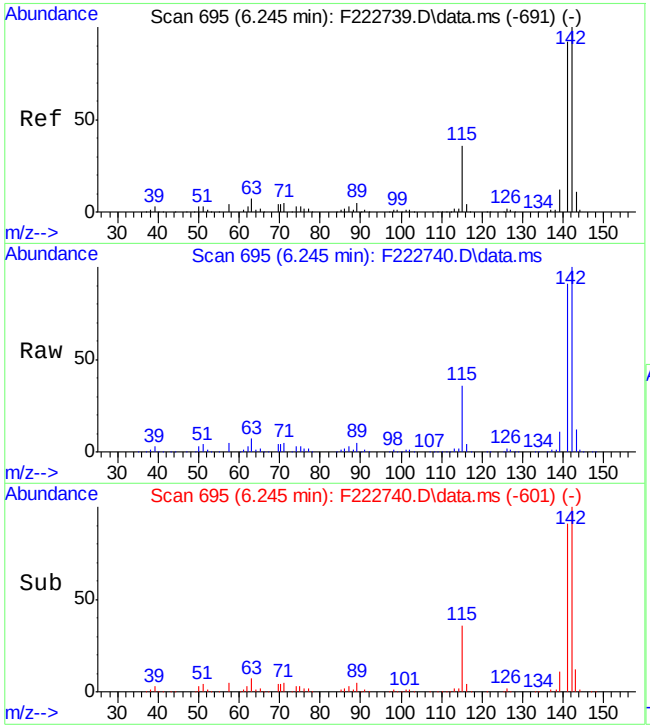


#44
2-Methylnaphthalene
Concen: 111.56 ppm
RT: 6.170 min Scan# 681
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:141 Resp: 324475

Ion	Ratio	Lower	Upper
141	100		
142	112.8	82.0	142.0
115	37.6	8.2	68.2

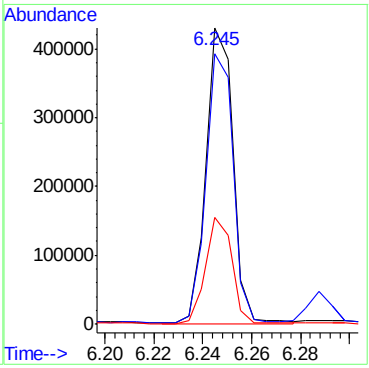


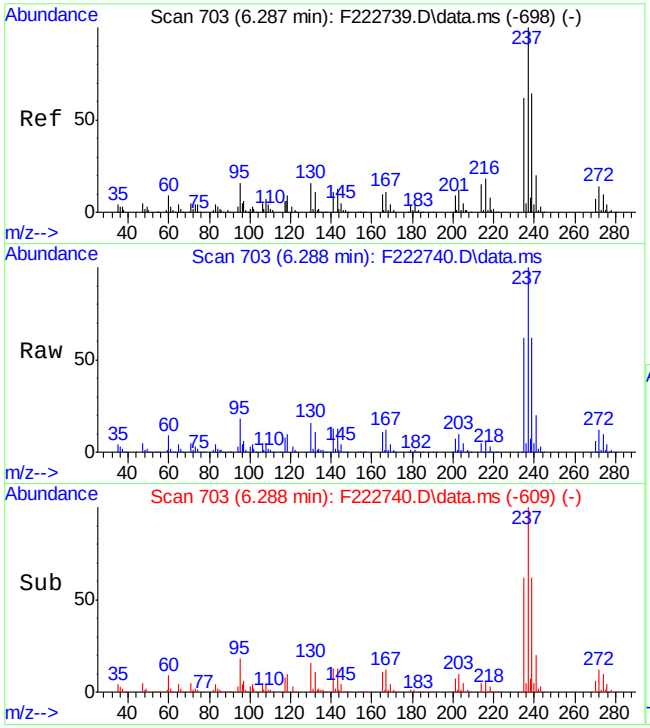


#45
1-Methylnaphthalene
Concen: 111.31 ppm
RT: 6.245 min Scan# 695
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:142 Resp: 333777

Ion	Ratio	Lower	Upper
142	100		
141	91.0	61.5	121.5
115	36.0	5.8	65.8

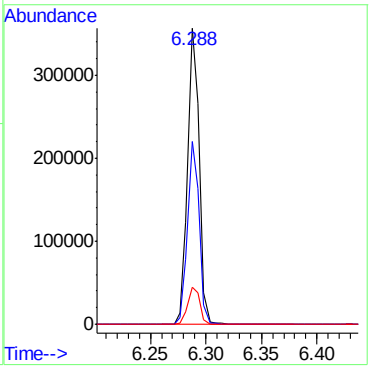


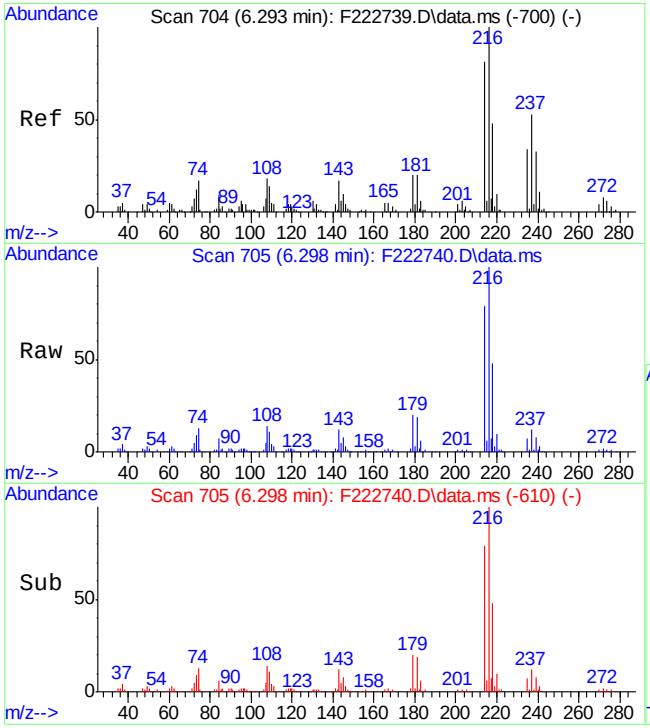


#47
Hexachlorocyclopentadiene
Concen: 231.79 ppm
RT: 6.288 min Scan# 703
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:237 Resp: 258882

Ion	Ratio	Lower	Upper
237	100		
235	61.9	32.2	92.2
272	12.4	0.0	43.6

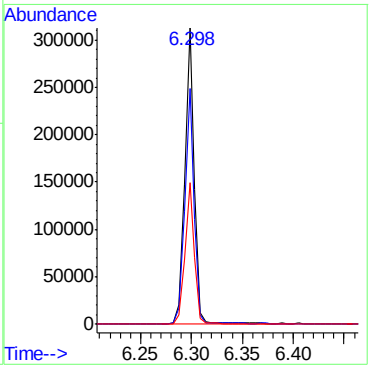


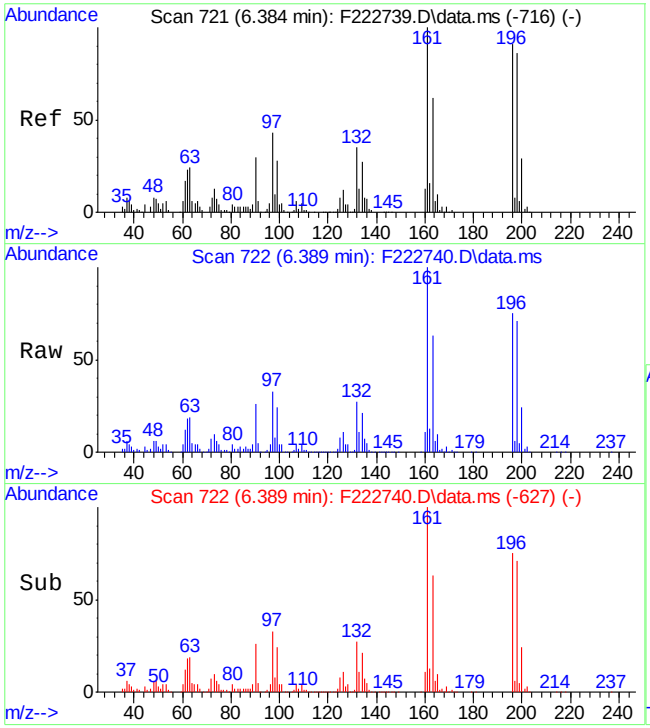


#48
1,2,4,5-tetrachlorobenzene
Concen: 110.23 ppm
RT: 6.298 min Scan# 705
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:216 Resp: 209486

Ion	Ratio	Lower	Upper
216	100		
214	78.7	55.4	103.0
218	47.2	33.4	62.0

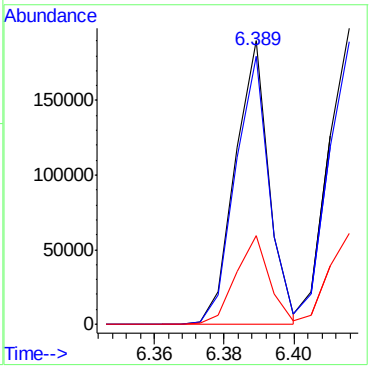


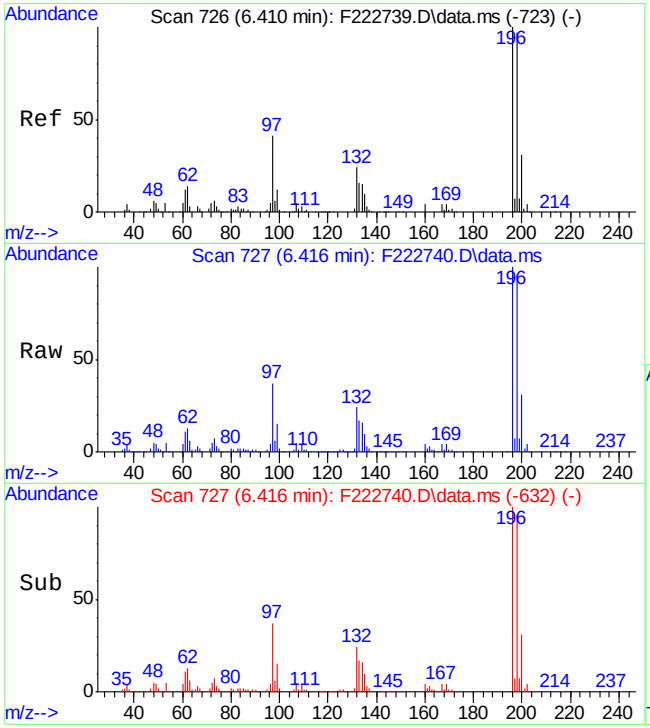


#49
2,4,6-Trichlorophenol
Concen: 110.63 ppm
RT: 6.389 min Scan# 722
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:196 Resp: 127076

Ion	Ratio	Lower	Upper
196	100		
198	94.6	64.2	124.2
200	31.4	2.2	62.2

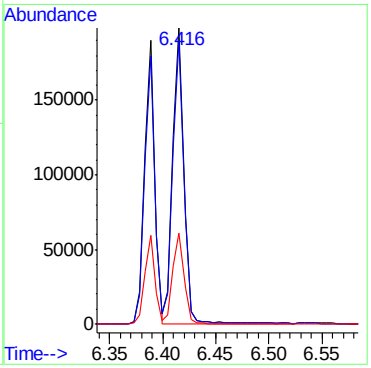


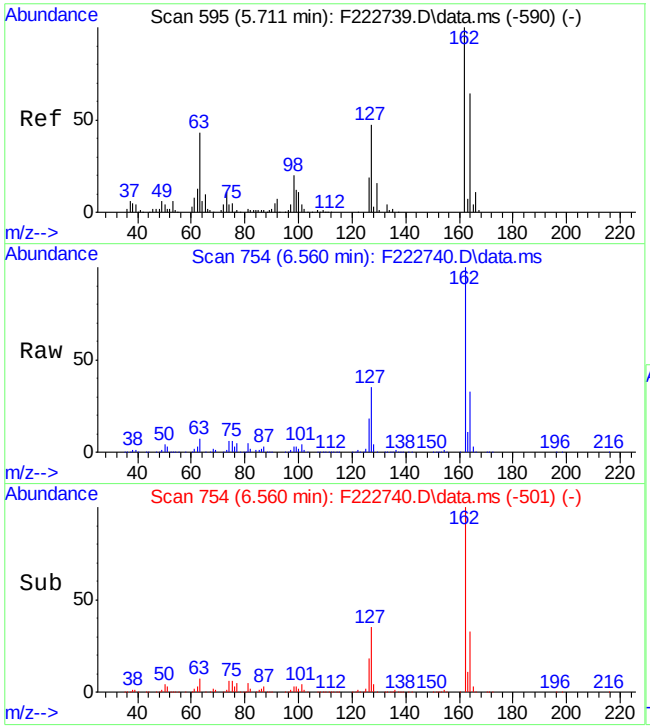


#50
2,4,5-Trichlorophenol
Concen: 109.97 ppm
RT: 6.416 min Scan# 727
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:196 Resp: 142372

Ion	Ratio	Lower	Upper
196	100		
198	95.5	67.0	127.0
200	30.6	1.2	61.2

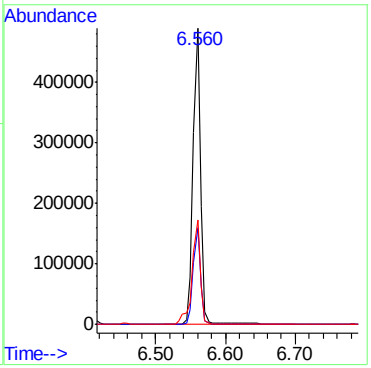


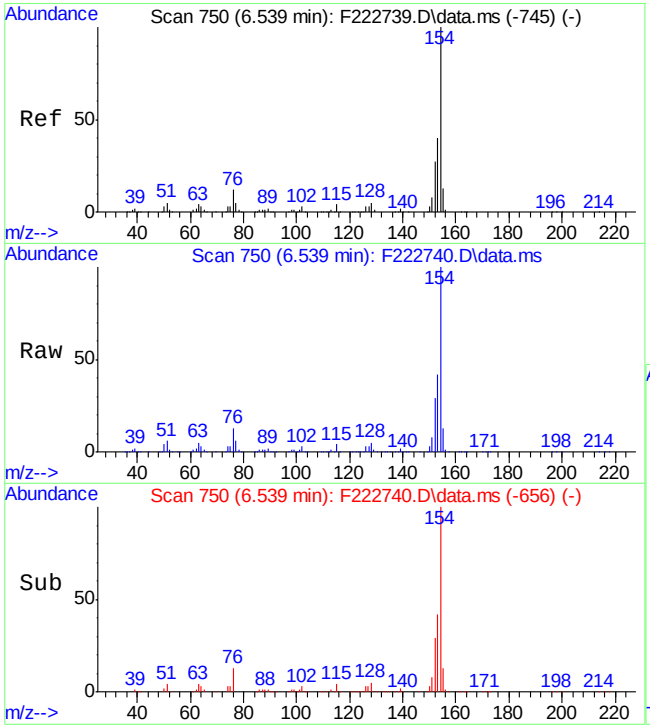


#52
2-Chloronaphthalene
Concen: 248.51 ppm m
RT: 6.560 min Scan# 754
Delta R.T. 0.849 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:162 Resp: 365953

Ion	Ratio	Lower	Upper
162	100		
164	32.7	34.3	94.3#
127	35.4	16.9	76.9

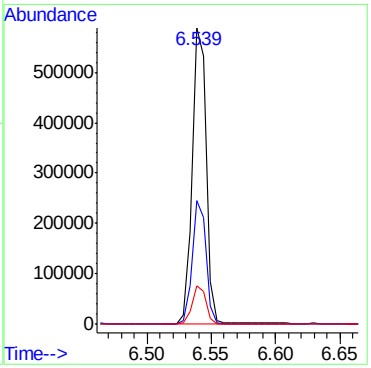


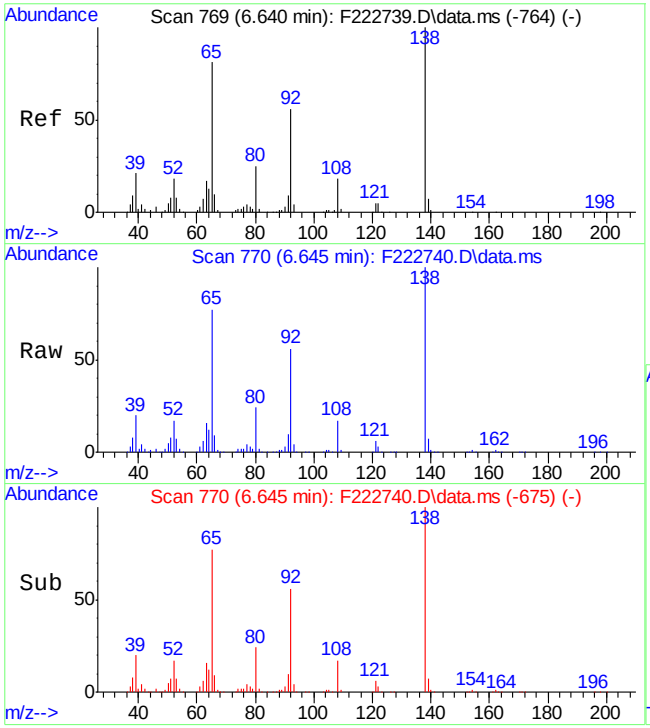


#53
Biphenyl
Concen: 107.92 ppm
RT: 6.539 min Scan# 750
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:154 Resp: 459944

Ion	Ratio	Lower	Upper
154	100		
153	41.7	9.8	69.8
155	12.9	0.0	42.7

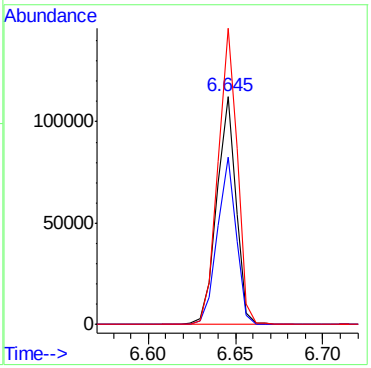


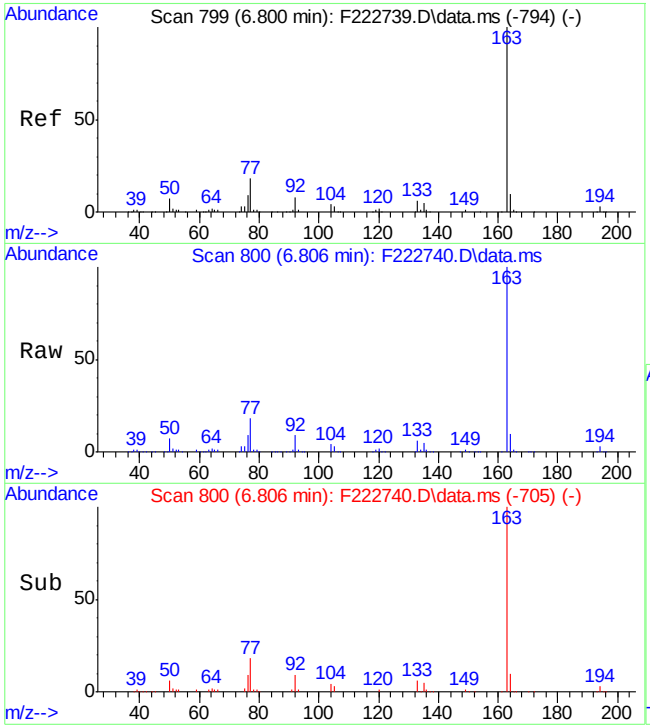


#54
2-Nitroaniline
Concen: 108.54 ppm
RT: 6.645 min Scan# 770
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 65 Resp: 85802

Ion	Ratio	Lower	Upper
65	100		
92	73.3	38.6	98.6
138	130.0	93.5	153.5

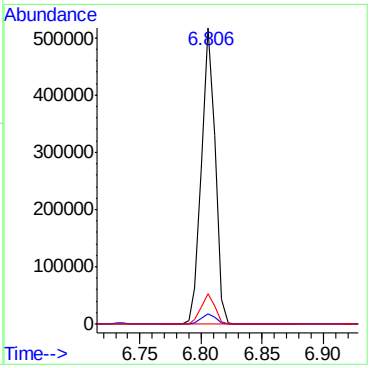


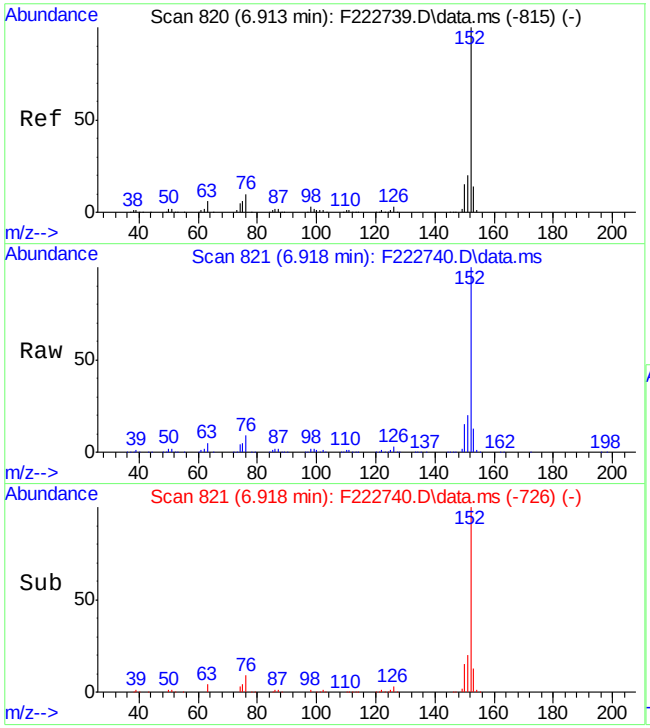


#55
Dimethylphthalate
Concen: 109.03 ppm
RT: 6.806 min Scan# 800
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:163 Resp: 398091

Ion	Ratio	Lower	Upper
163	100		
194	3.5	0.0	33.4
164	10.2	0.0	40.3

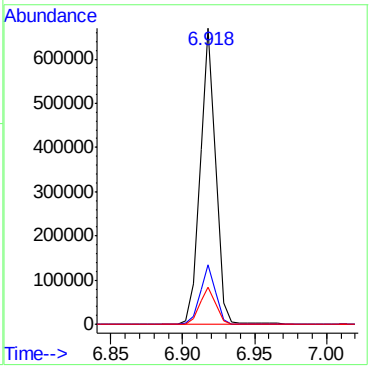


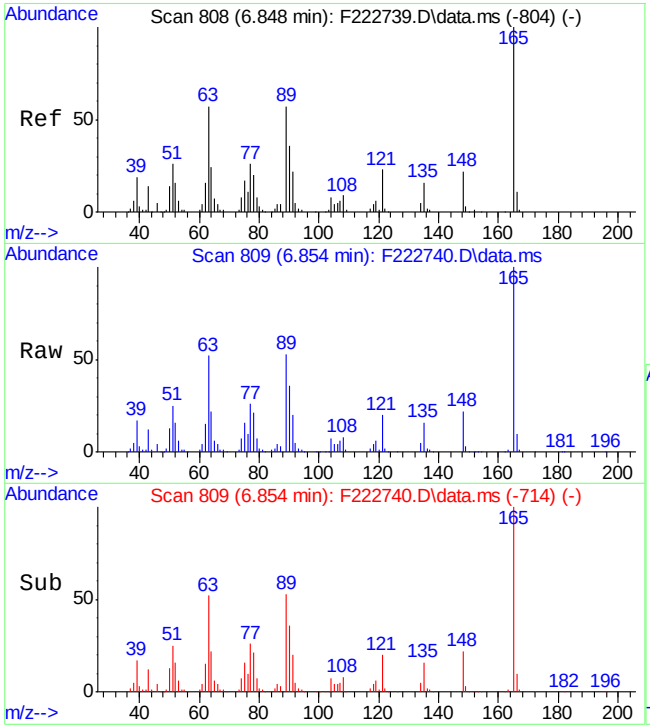


#56
Acenaphthylene
Concen: 108.76 ppm
RT: 6.918 min Scan# 821
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:152 Resp: 510074

Ion	Ratio	Lower	Upper
152	100		
151	20.1	0.0	49.9
153	12.7	0.0	43.5

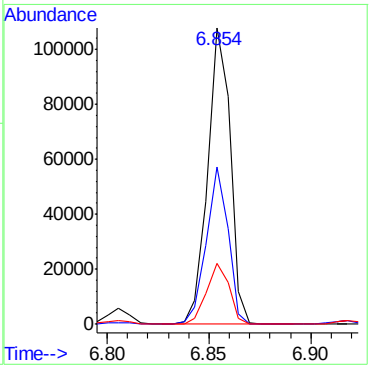


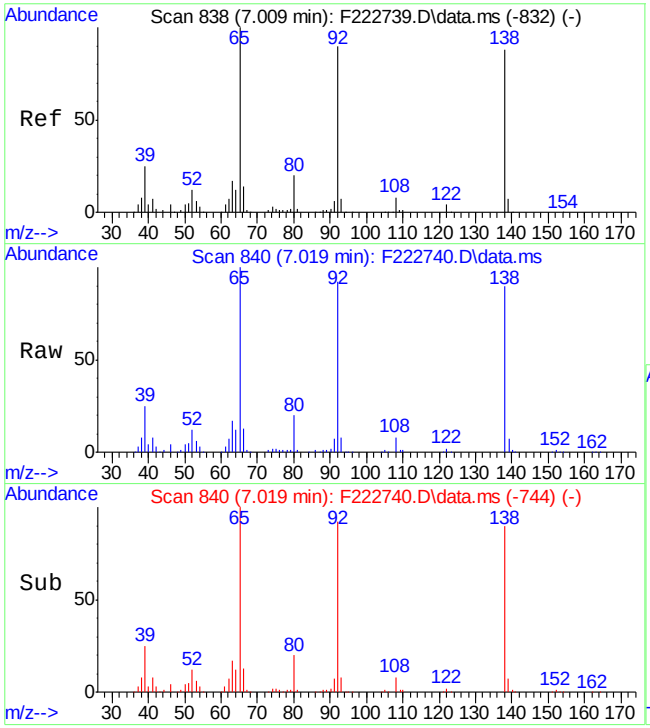


#57
2,6-Dinitrotoluene
Concen: 118.33 ppm
RT: 6.854 min Scan# 809
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:165 Resp: 82493

Ion	Ratio	Lower	Upper
165	100		
89	53.1	27.1	87.1
121	20.4	0.0	52.5

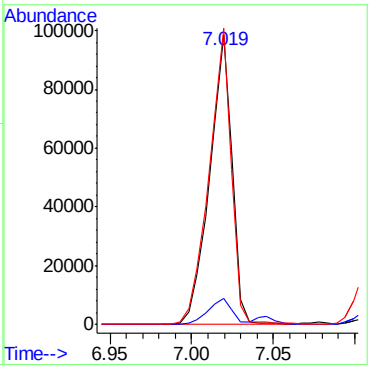


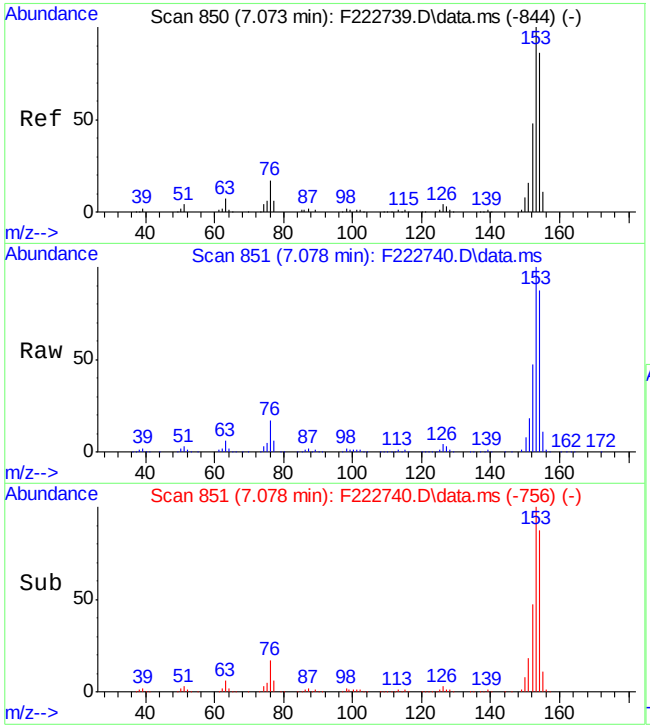


#58
3-Nitroaniline
Concen: 113.23 ppm
RT: 7.019 min Scan# 840
Delta R.T. 0.011 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:138 Resp: 94400

Ion	Ratio	Lower	Upper
138	100		
108	9.0	0.0	37.0
92	102.2	72.1	132.1

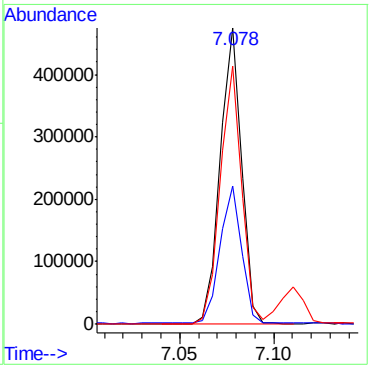


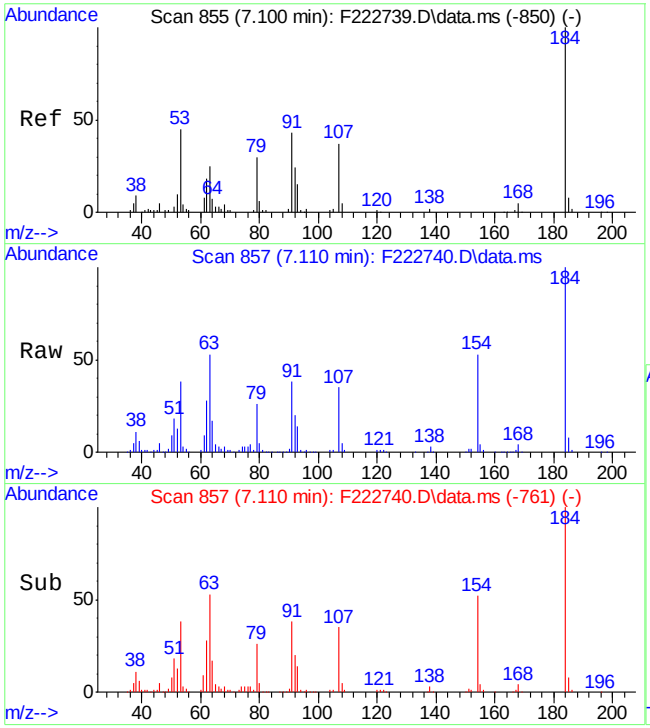


#59
Acenaphthene
Concen: 108.74 ppm
RT: 7.078 min Scan# 851
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:153 Resp: 374704

Ion	Ratio	Lower	Upper
153	100		
152	46.3	17.5	77.5
154	81.0	49.9	109.9

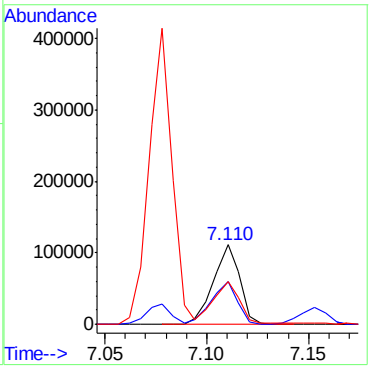


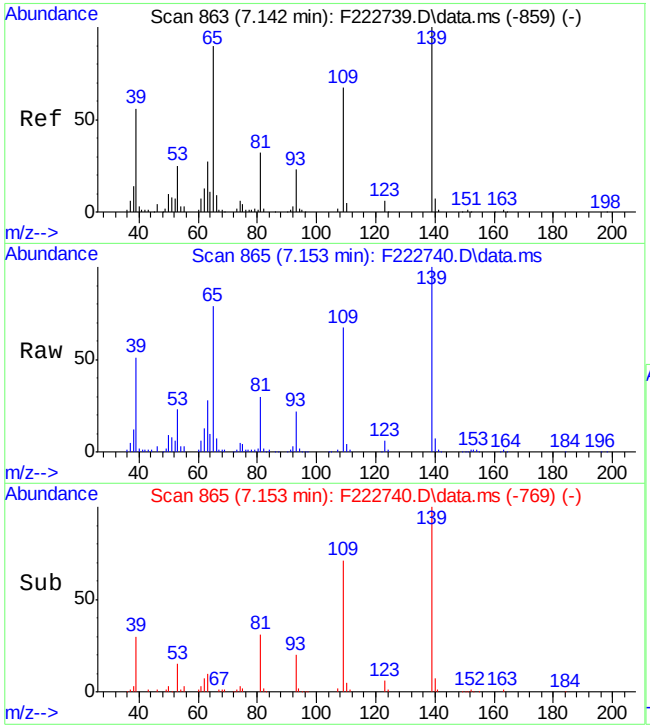


#60
2,4-Dinitrophenol
Concen: 267.76 ppm
RT: 7.110 min Scan# 857
Delta R.T. 0.011 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:184 Resp: 100080

Ion	Ratio	Lower	Upper
184	100		
63	36.8	4.1	64.1
154	0.0	0.0	30.0

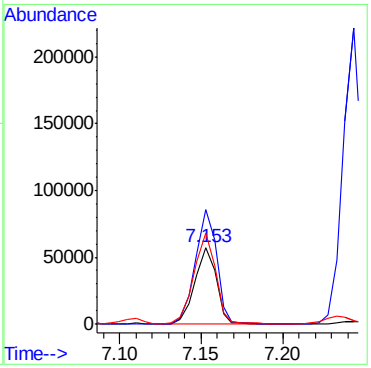


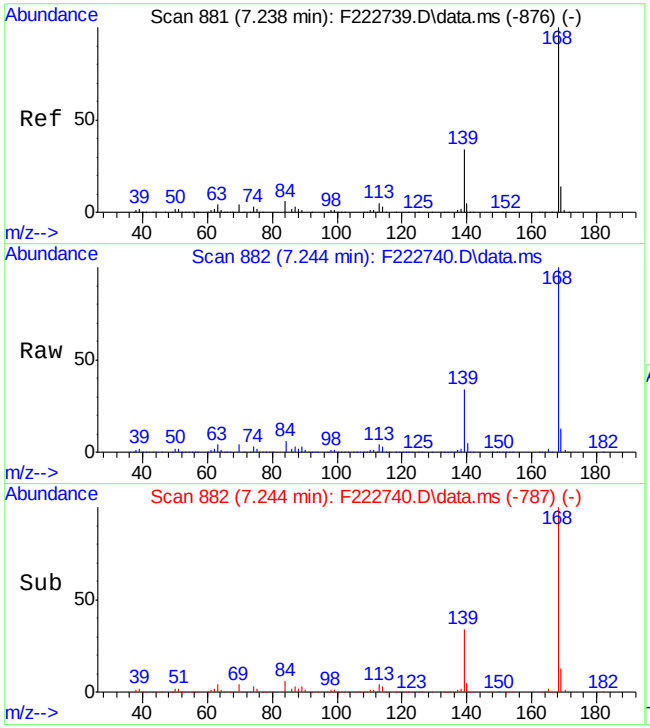


#61
4-Nitrophenol
Concen: 111.77 ppm
RT: 7.153 min Scan# 865
Delta R.T. 0.011 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:109 Resp: 53120

Ion	Ratio	Lower	Upper
109	100		
139	150.1	119.2	179.2
65	118.4	104.1	164.1

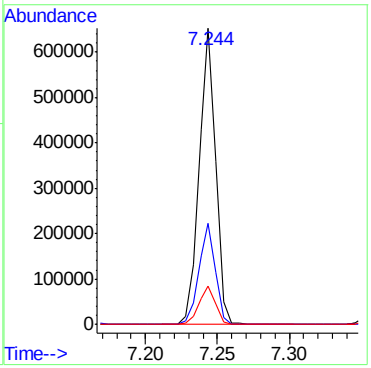


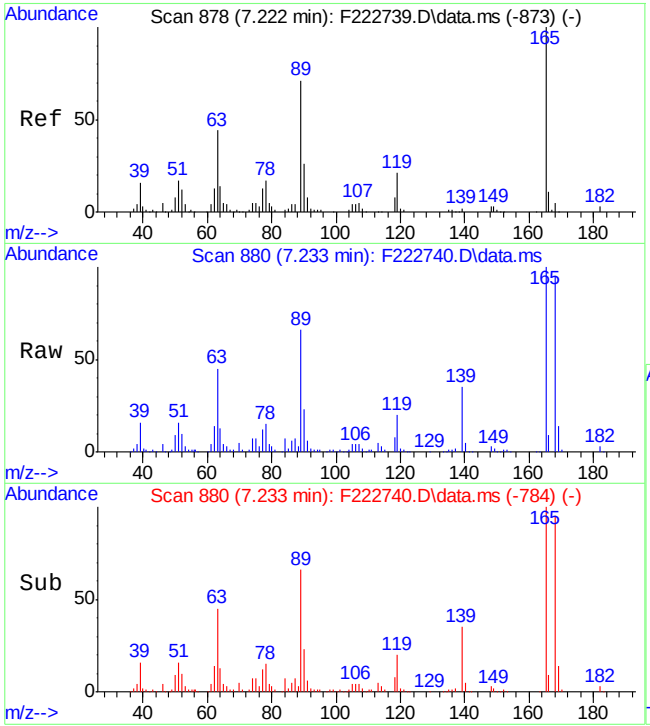


#62
Dibenzofuran
Concen: 108.44 ppm
RT: 7.244 min Scan# 882
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:168 Resp: 530510

Ion	Ratio	Lower	Upper
168	100		
139	33.9	4.3	64.3
169	13.1	0.0	43.5

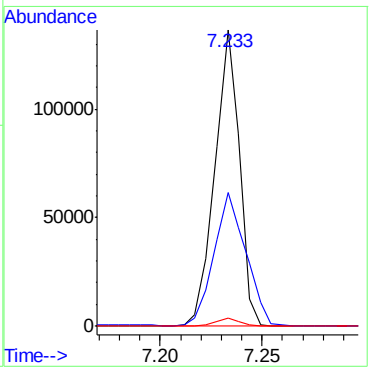


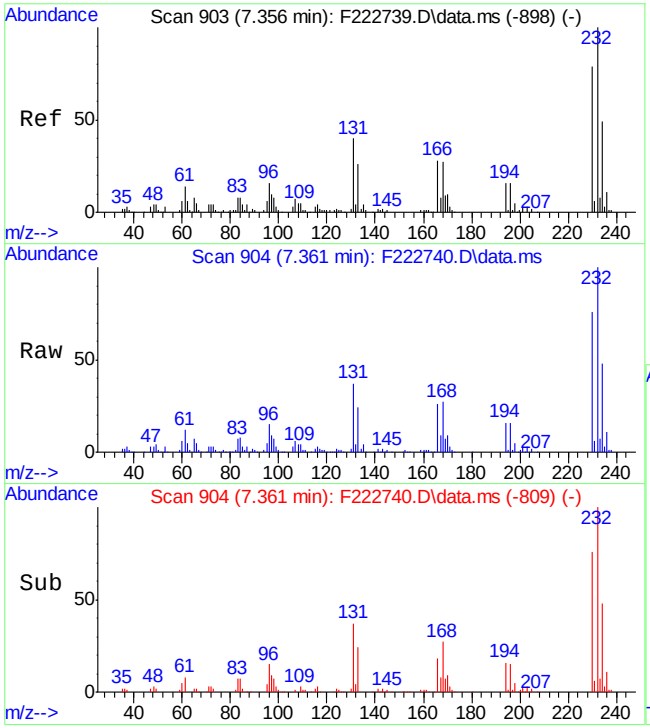


#63
2,4-Dinitrotoluene
Concen: 115.50 ppm
RT: 7.233 min Scan# 880
Delta R.T. 0.011 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:165 Resp: 114746

Ion	Ratio	Lower	Upper
165	100		
63	44.9	13.5	73.5
182	2.7	0.0	33.0

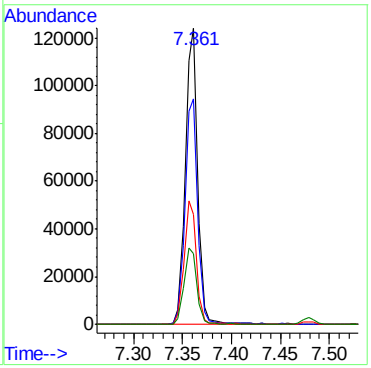


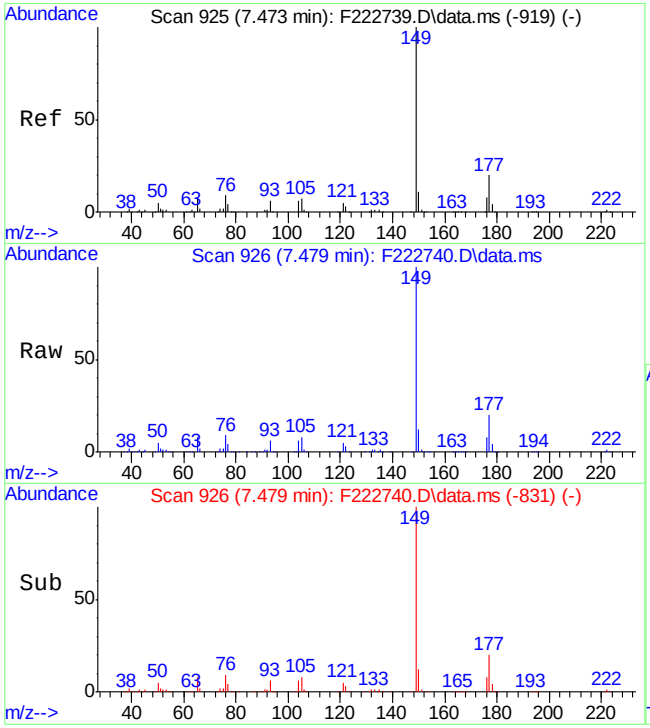


#64
2,3,4,6-Tetrachlorophenol
Concen: 110.69 ppm
RT: 7.361 min Scan# 904
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:232 Resp: 109061

Ion	Ratio	Lower	Upper
232	100		
230	75.9	49.1	109.1
131	37.3	9.6	69.6
133	24.0	0.0	55.9

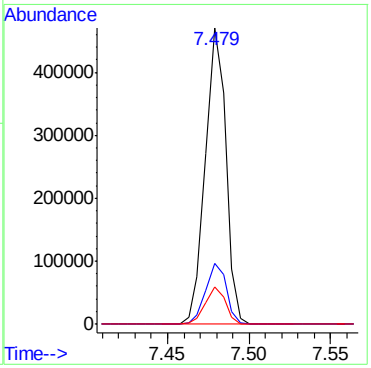


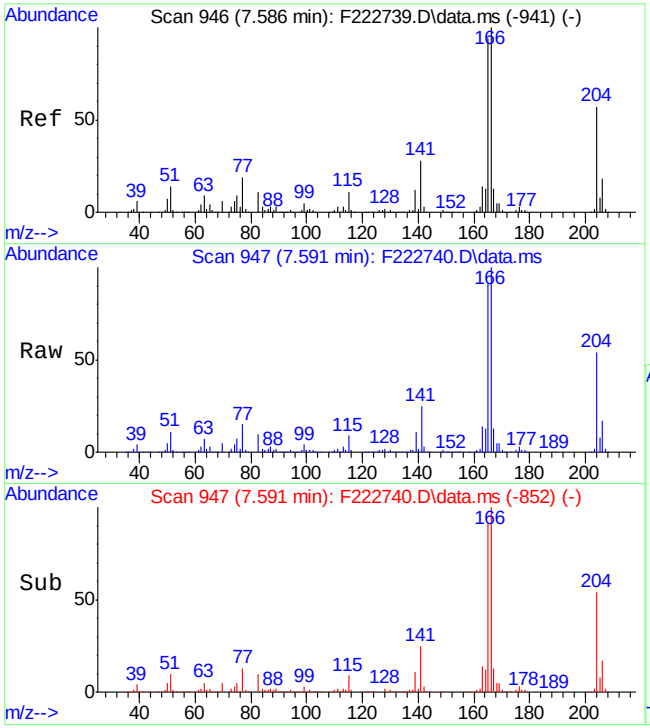


#65
Diethylphthalate
Concen: 107.80 ppm
RT: 7.479 min Scan# 926
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:149 Resp: 414596

Ion	Ratio	Lower	Upper
149	100		
177	20.5	0.0	50.0
150	12.4	0.0	41.3

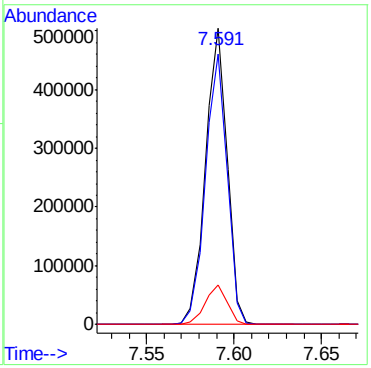


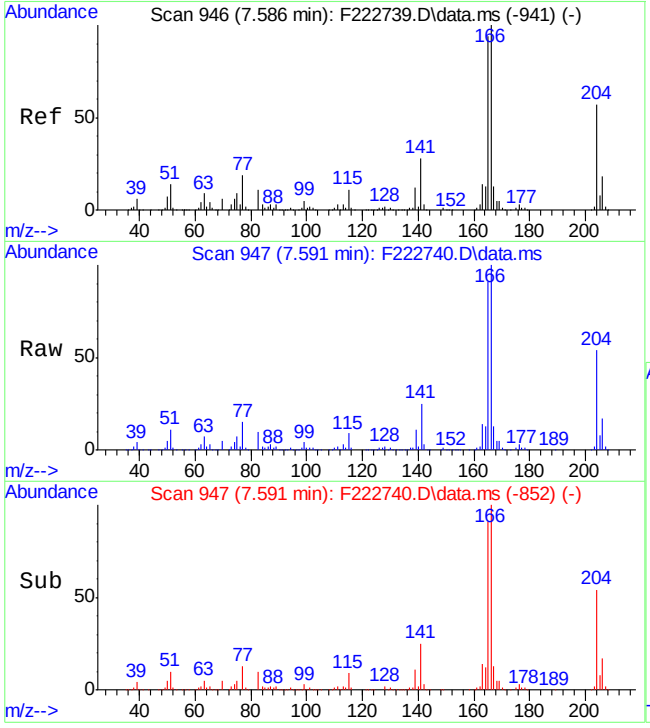


#66
Fluorene
Concen: 111.52 ppm
RT: 7.591 min Scan# 947
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:166 Resp: 433849

Ion	Ratio	Lower	Upper
166	100		
165	91.5	63.9	123.9
167	13.1	0.0	43.3

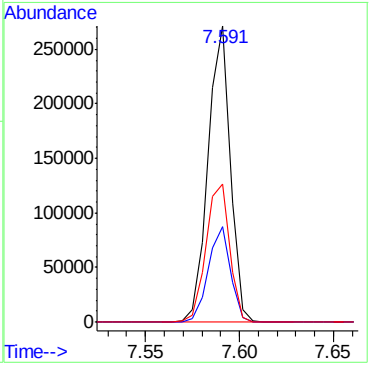


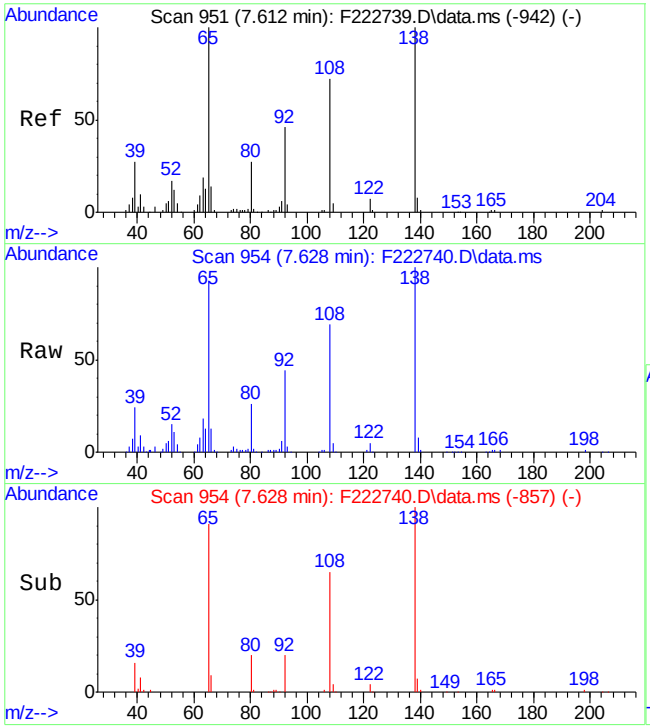


#67
4-Chlorophenyl-phenylether
Concen: 109.13 ppm
RT: 7.591 min Scan# 947
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:204 Resp: 222644

Ion	Ratio	Lower	Upper
204	100		
206	32.2	1.1	61.1
141	46.5	19.4	79.4

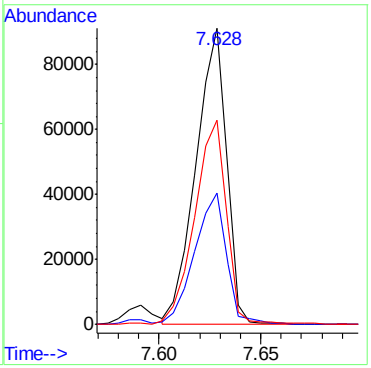


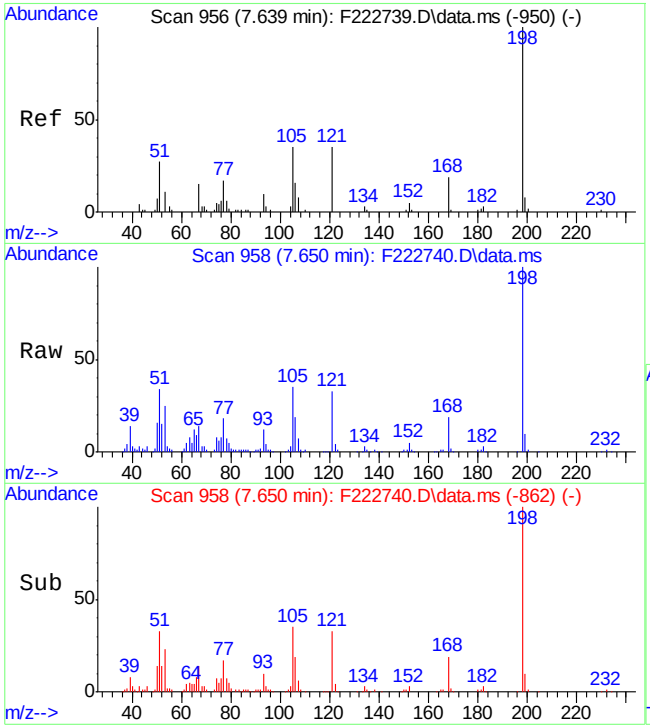


#68
4-Nitroaniline
Concen: 104.26 ppm
RT: 7.628 min Scan# 954
Delta R.T. 0.016 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:138 Resp: 94735

Ion	Ratio	Lower	Upper
138	100		
92	44.3	15.6	75.6
108	68.9	42.0	102.0

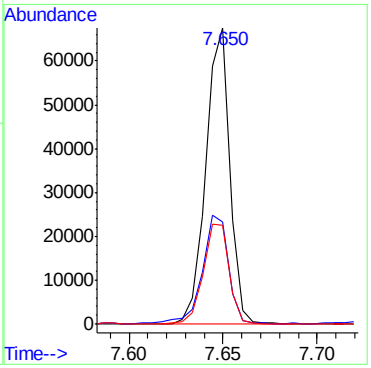


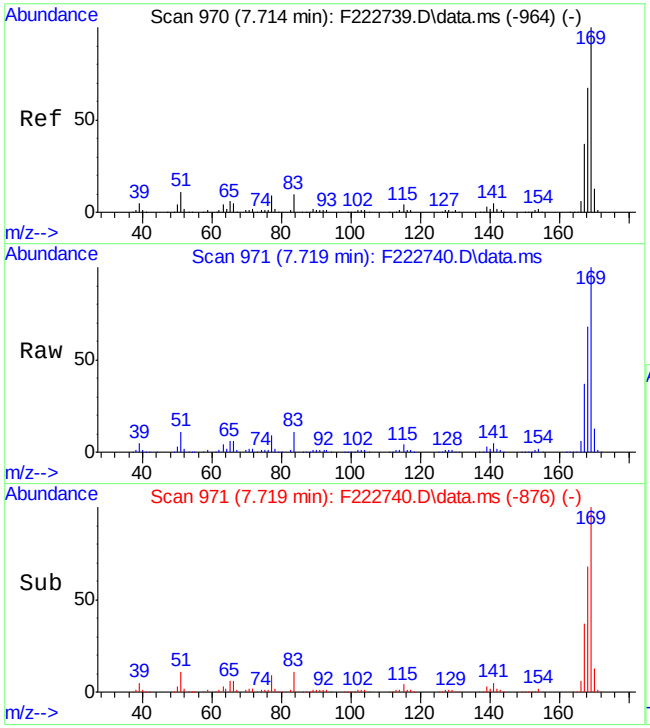


#70
4,6-Dinitro-2-methylphenol
Concen: 127.86 ppm
RT: 7.650 min Scan# 958
Delta R.T. 0.011 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:198 Resp: 59537

Ion	Ratio	Lower	Upper
198	100		
105	34.0	5.1	65.1
121	33.4	4.9	64.9

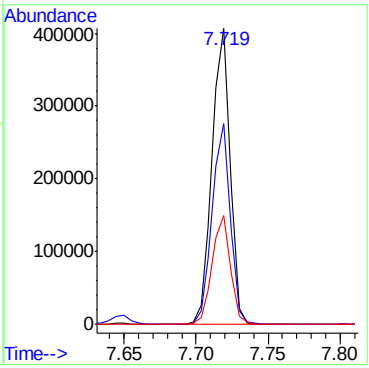


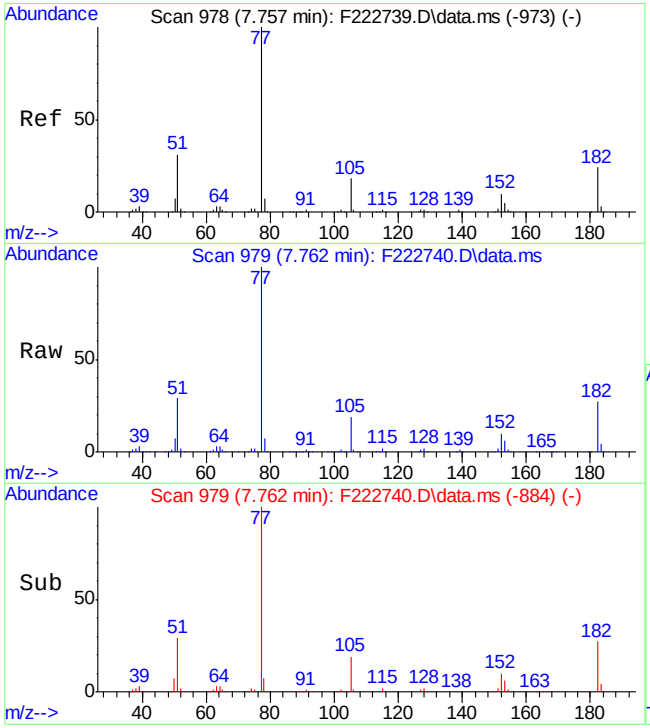


#71
n-Nitrosodiphenylamine
Concen: 109.66 ppm
RT: 7.719 min Scan# 971
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:169 Resp: 354313

Ion	Ratio	Lower	Upper
169	100		
168	67.6	36.8	96.8
167	36.9	6.9	66.9

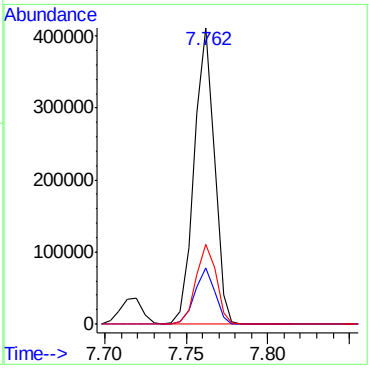


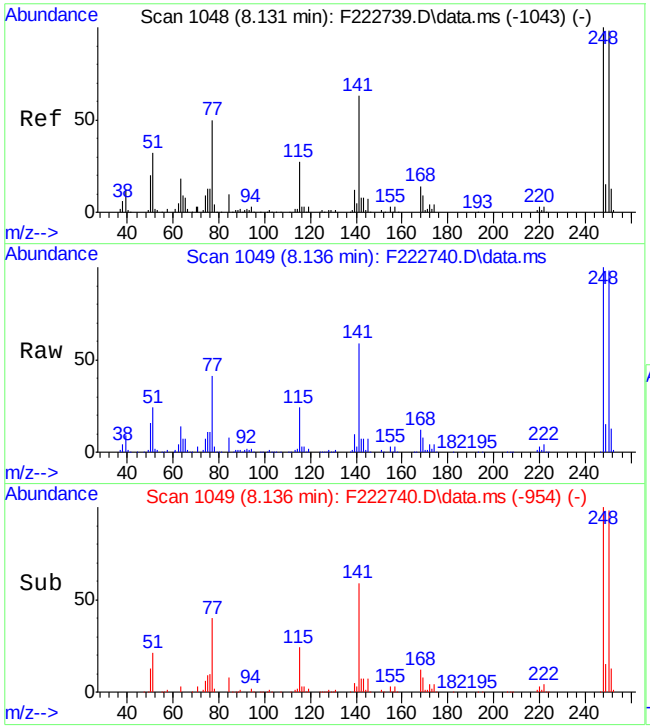


#72
1,2-Diphenylhydrazine
Concen: 106.30 ppm
RT: 7.762 min Scan# 979
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 77 Resp: 353060

Ion	Ratio	Lower	Upper
77	100		
105	18.9	0.0	48.0
182	26.9	0.0	54.0

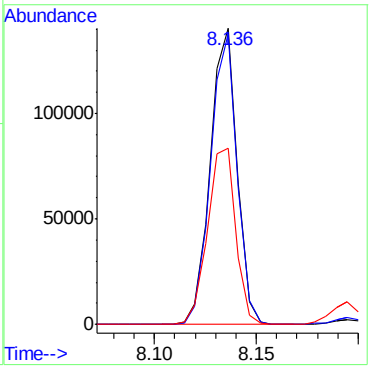


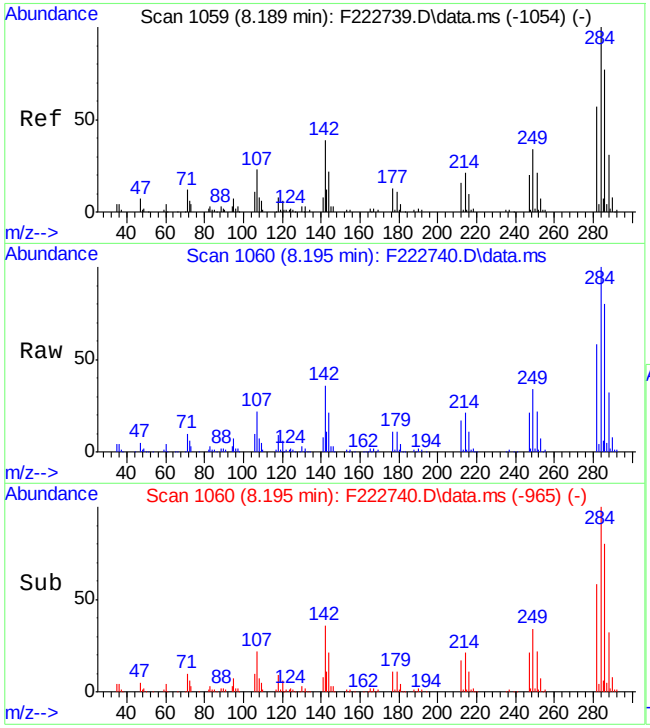


#74
4-Bromophenyl-phenylether
Concen: 110.84 ppm
RT: 8.136 min Scan# 1049
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:248 Resp: 127497

Ion	Ratio	Lower	Upper
248	100		
250	98.0	68.5	128.5
141	59.3	33.3	93.3

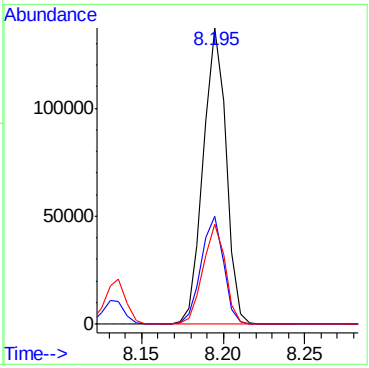


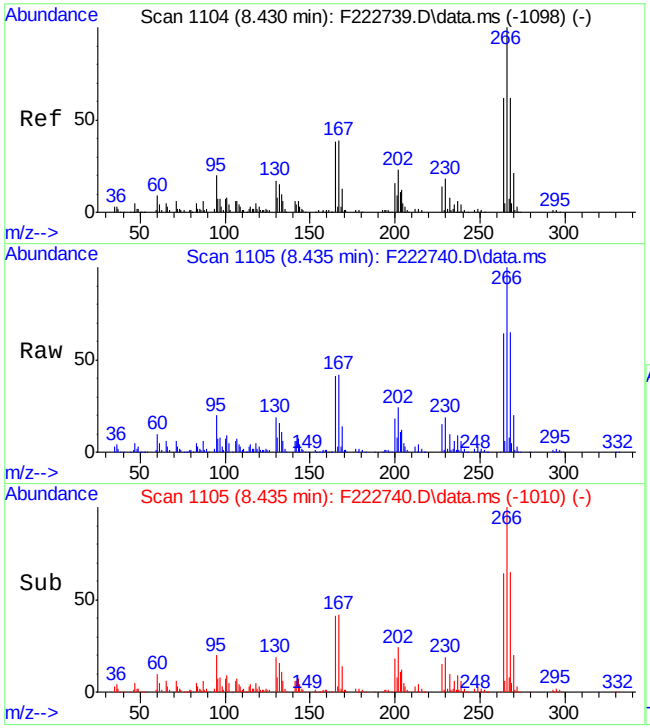


#75
Hexachlorobenzene
Concen: 109.07 ppm
RT: 8.195 min Scan# 1060
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:284 Resp: 134012

Ion	Ratio	Lower	Upper
284	100		
142	36.4	8.8	68.8
249	33.9	4.3	64.3

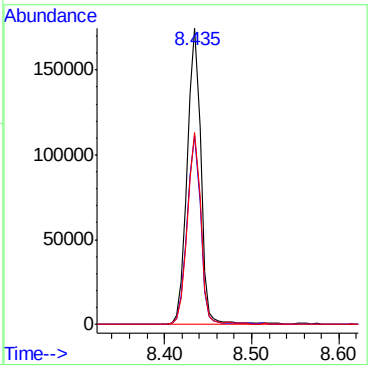


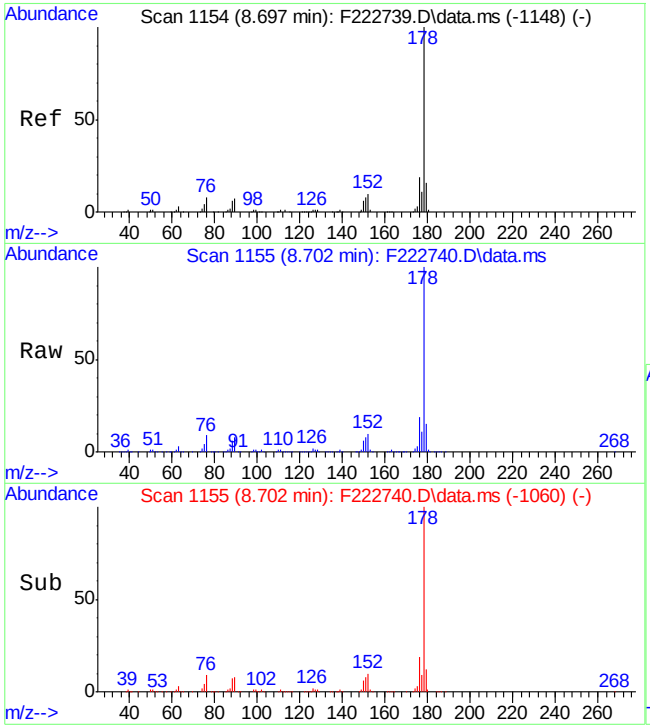


#76
Pentachlorophenol
Concen: 228.00 ppm
RT: 8.435 min Scan# 1105
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:266 Resp: 187879

Ion	Ratio	Lower	Upper
266	100		
264	63.5	31.7	91.7
268	65.0	32.1	92.1

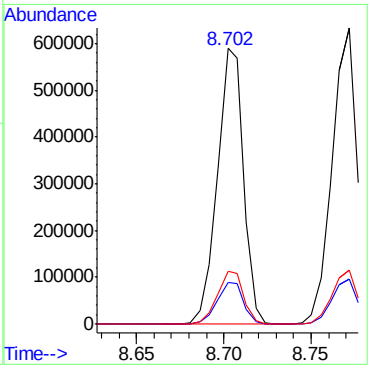


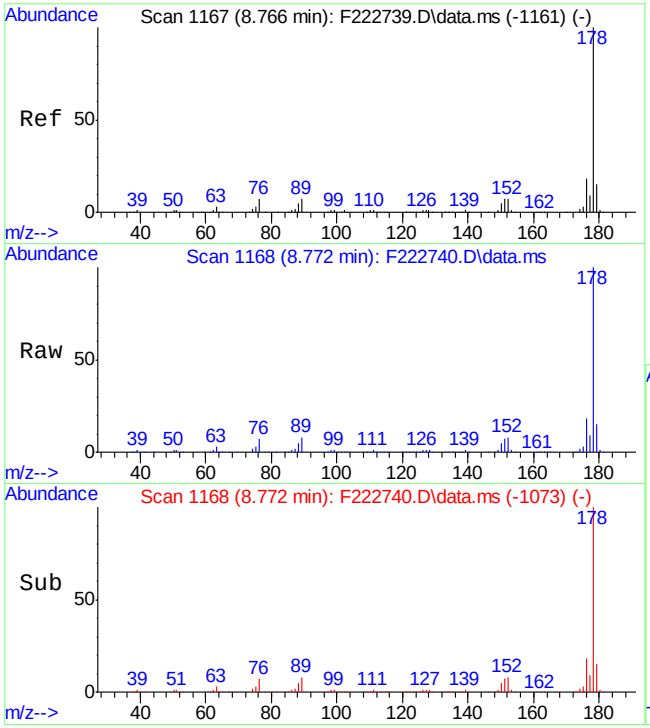


#77
Phenanthrene
Concen: 110.16 ppm
RT: 8.702 min Scan# 1155
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:178 Resp: 613153

Ion	Ratio	Lower	Upper
178	100		
179	15.0	0.0	45.6
176	19.0	0.0	49.0

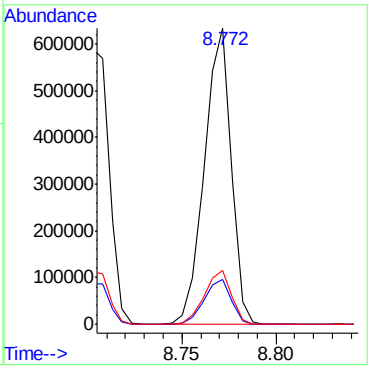


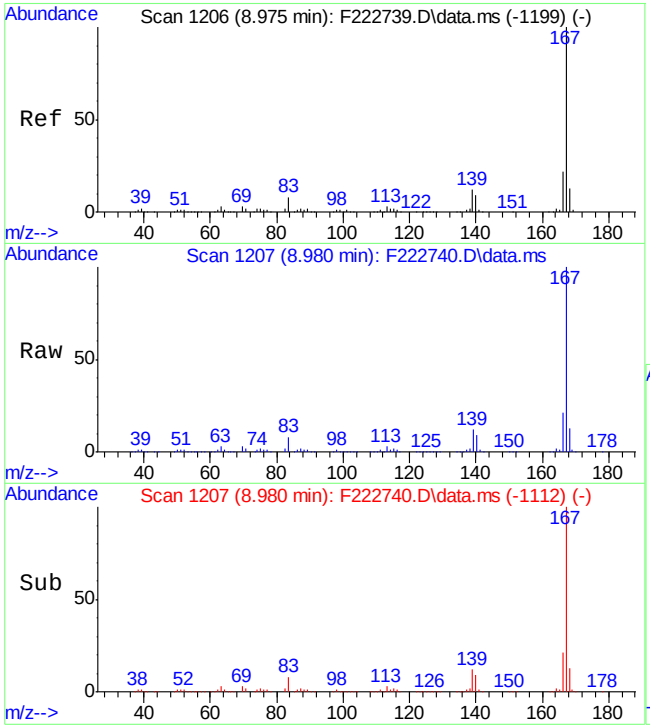


#78
Anthracene
Concen: 109.95 ppm
RT: 8.772 min Scan# 1168
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:178 Resp: 625061

Ion	Ratio	Lower	Upper
178	100		
179	15.3	0.0	45.1
176	18.3	0.0	48.4

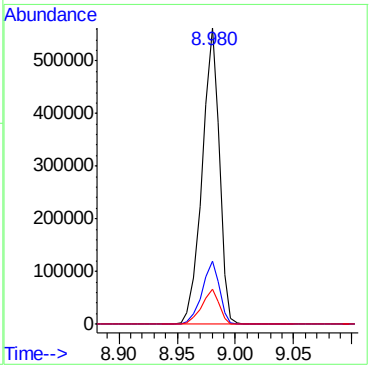


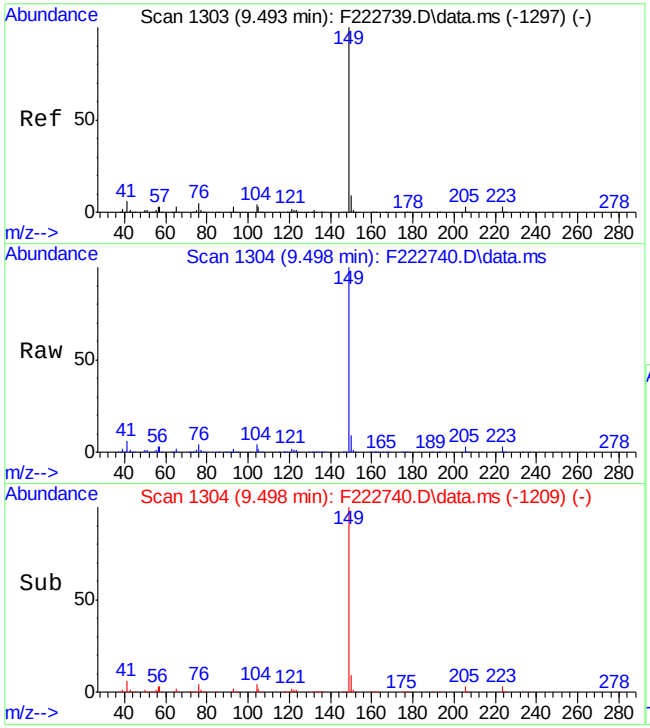


#79
Carbazole
Concen: 109.31 ppm
RT: 8.980 min Scan# 1207
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:167 Resp: 580410

Ion	Ratio	Lower	Upper
167	100		
166	21.1	0.0	51.7
139	11.6	0.0	41.9

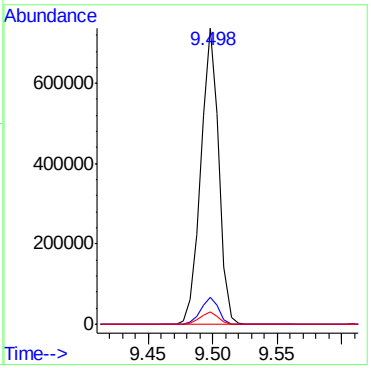


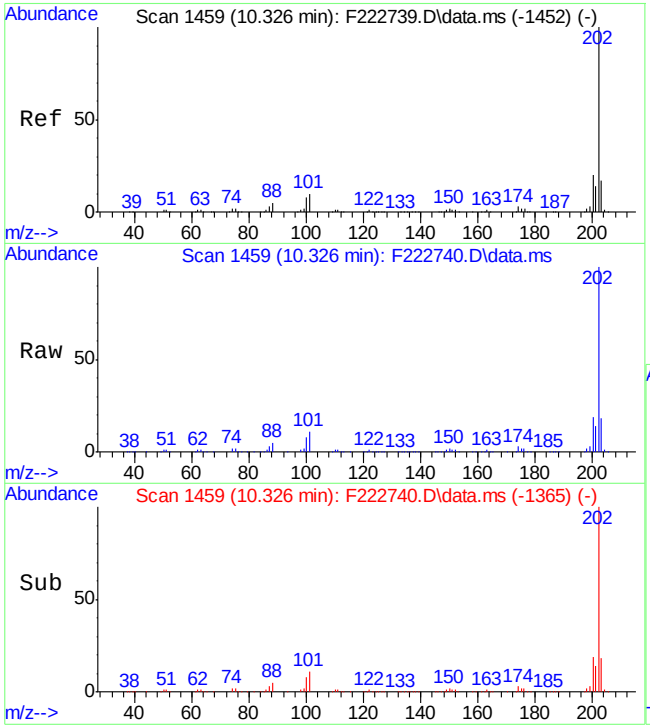


#80
Di-n-butylphthalate
Concen: 111.10 ppm
RT: 9.498 min Scan# 1304
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:149 Resp: 717223

Ion	Ratio	Lower	Upper
149	100		
150	9.0	0.0	39.1
104	4.2	0.0	34.4

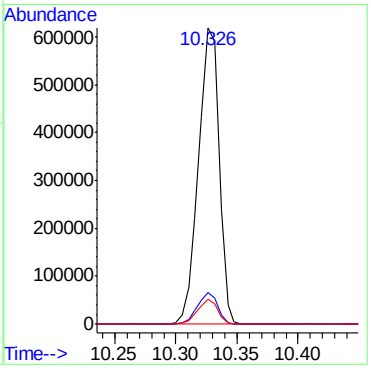


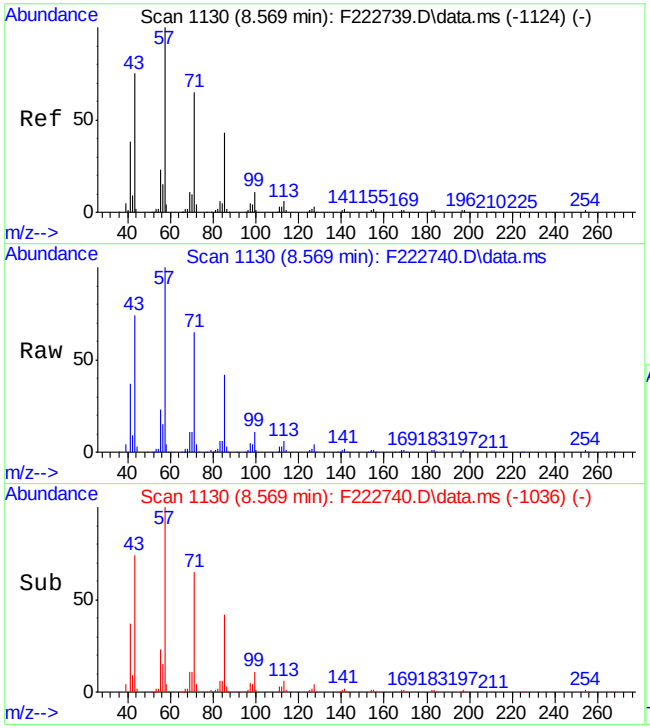


#81
Fluoranthene
Concen: 111.59 ppm
RT: 10.326 min Scan# 1459
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:202 Resp: 721044

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	39.8
100	8.4	0.0	37.7

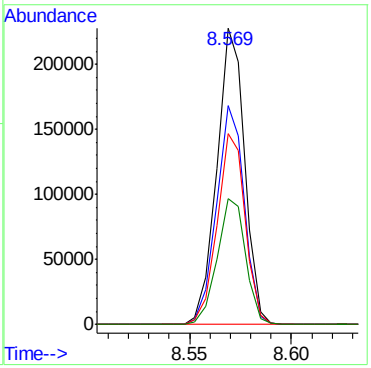


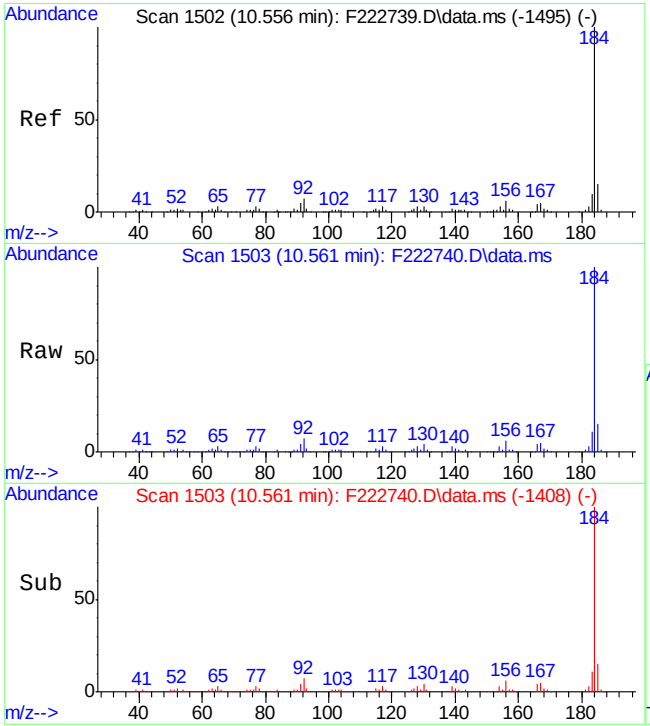


#82
Octadecane
Concen: 106.29 ppm
RT: 8.569 min Scan# 1130
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion: 57 Resp: 216174

Ion	Ratio	Lower	Upper
57	100		
43	73.7	44.5	104.5
71	64.6	35.4	95.4
85	42.3	12.7	72.7

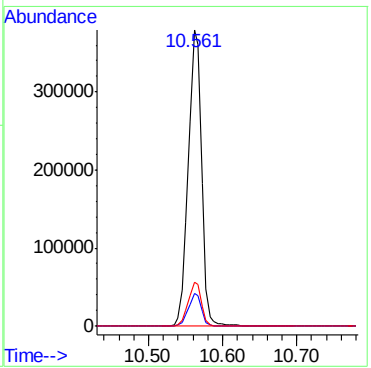


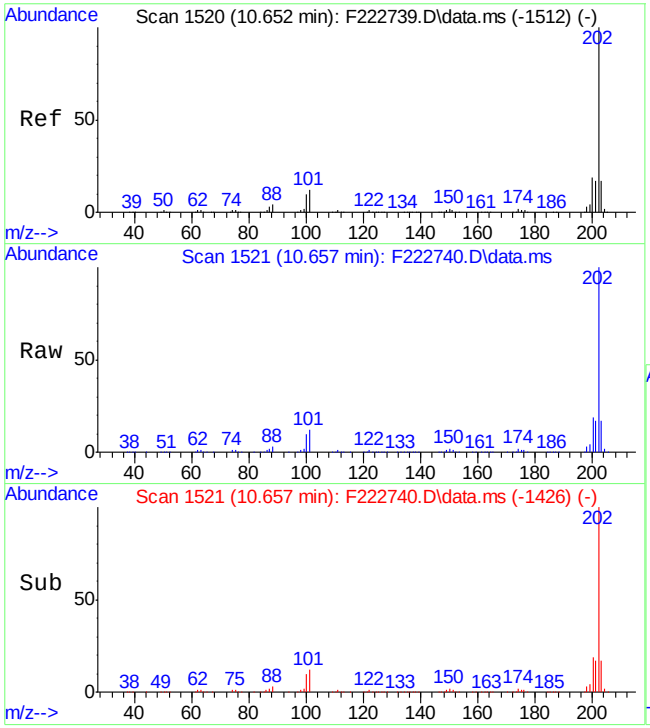


#84
Benzidine
Concen: 122.79 ppm
RT: 10.561 min Scan# 1503
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:184 Resp: 467963

Ion	Ratio	Lower	Upper
184	100		
183	10.9	0.0	60.5
185	14.9	0.0	65.2

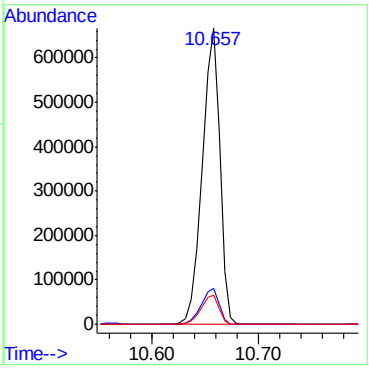


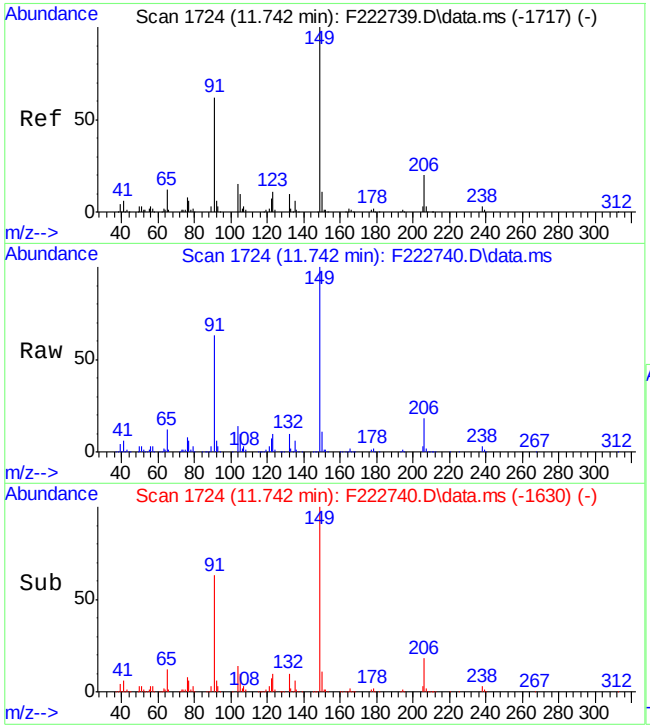


#85
Pyrene
Concen: 107.64 ppm
RT: 10.657 min Scan# 1521
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:202 Resp: 772610

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	41.9
100	10.0	0.0	39.8

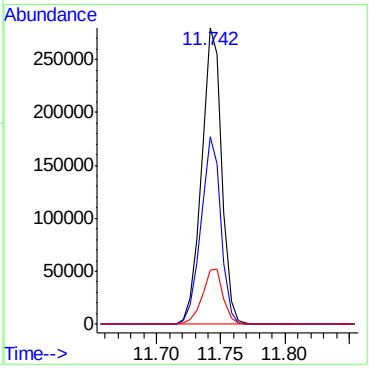


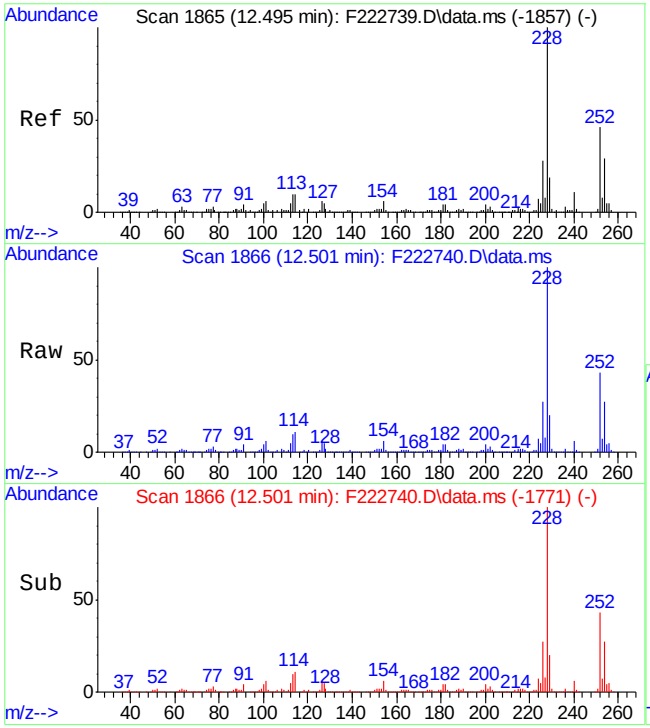


#87
Butylbenzylphthalate
Concen: 112.16 ppm
RT: 11.742 min Scan# 1724
Delta R.T. 0.000 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:149 Resp: 305526

Ion	Ratio	Lower	Upper
149	100		
91	63.3	31.6	91.6
206	18.4	0.0	49.8

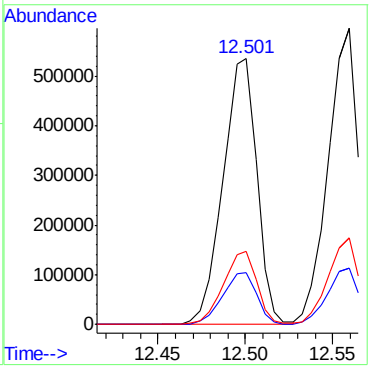


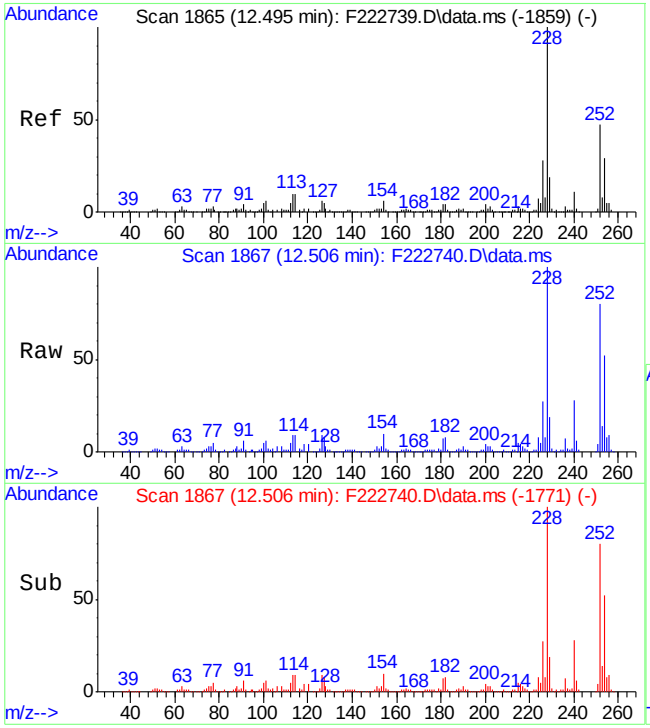


#88
Benzo[a]anthracene
Concen: 108.17 ppm
RT: 12.501 min Scan# 1866
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:228 Resp: 722998

Ion	Ratio	Lower	Upper
228	100		
229	19.5	0.0	49.1
226	27.2	0.0	57.6

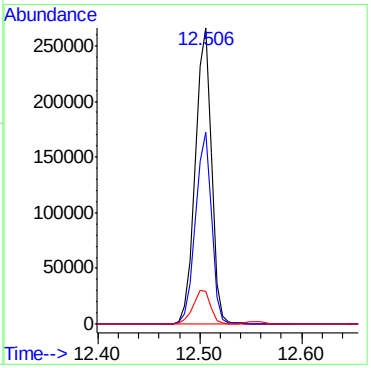


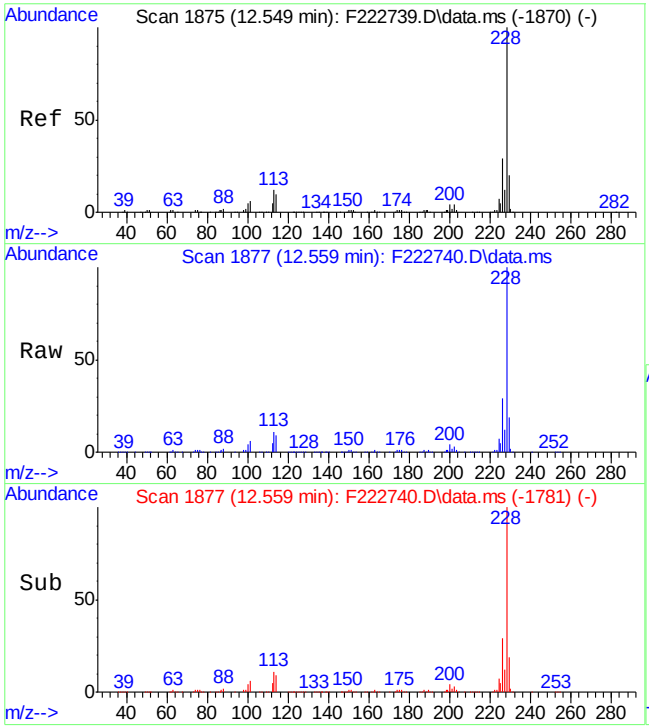


#89
3,3'-Dichlorobenzidine
Concen: 109.47 ppm
RT: 12.506 min Scan# 1867
Delta R.T. 0.011 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:252 Resp: 292757

Ion	Ratio	Lower	Upper
252	100		
254	65.0	32.3	92.3
126	11.1	0.0	42.5

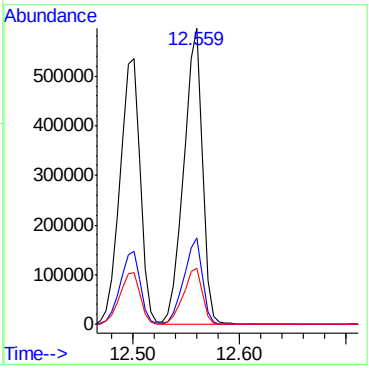


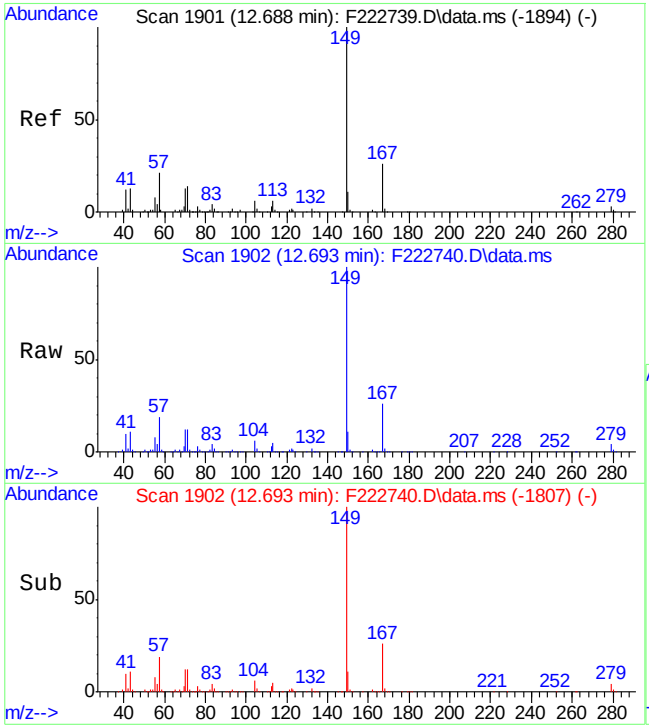


#90
Chrysene
Concen: 106.12 ppm
RT: 12.559 min Scan# 1877
Delta R.T. 0.011 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:228 Resp: 718544

Ion	Ratio	Lower	Upper
228	100		
226	29.1	0.0	58.9
229	19.0	0.0	49.6

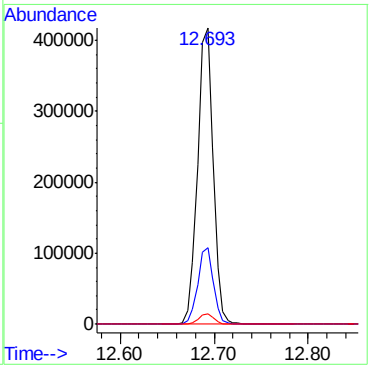


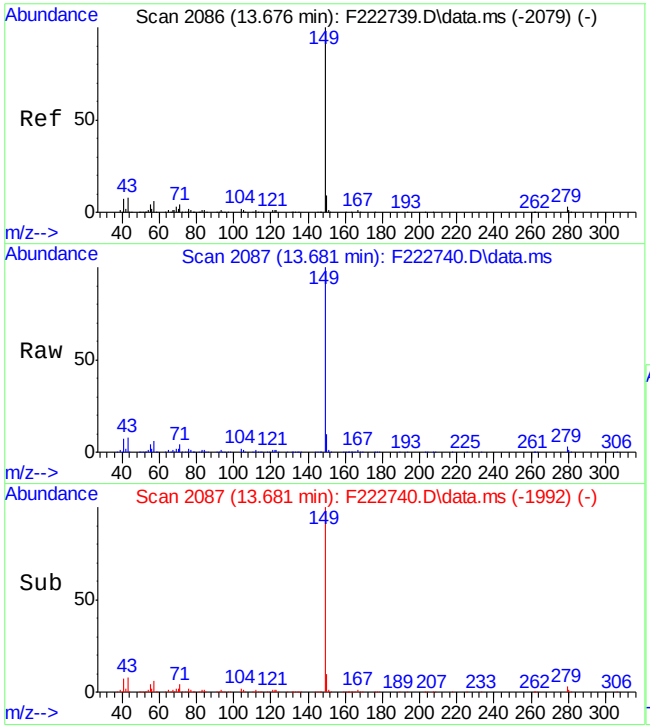


#91
bis(2-Ethylhexyl)phthalate
Concen: 110.86 ppm
RT: 12.693 min Scan# 1902
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:149 Resp: 483113

Ion	Ratio	Lower	Upper
149	100		
167	25.9	0.0	55.6
279	3.5	0.0	33.2

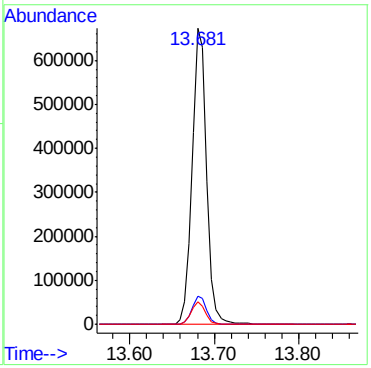


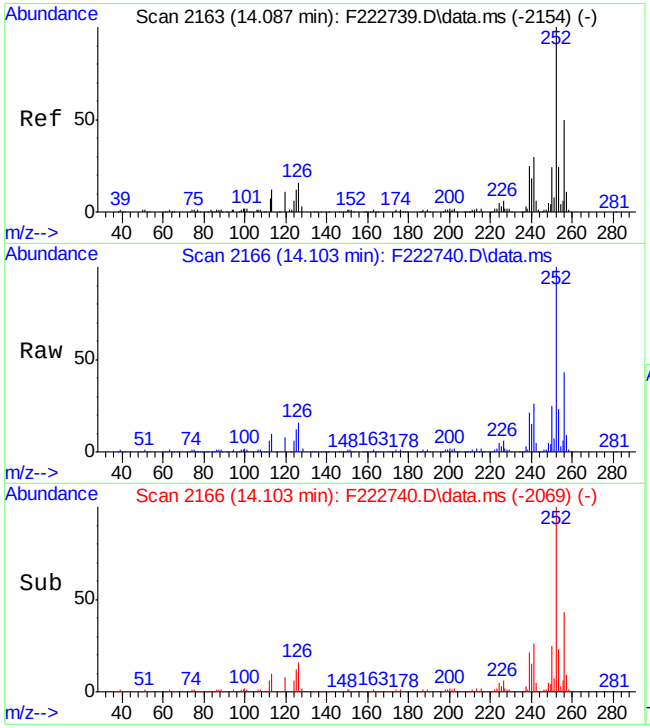


#93
Di-n-octylphthalate
Concen: 115.03 ppm
RT: 13.681 min Scan# 2087
Delta R.T. 0.005 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:149 Resp: 796775

Ion	Ratio	Lower	Upper
149	100		
150	9.6	0.0	39.4
43	7.7	0.0	38.5

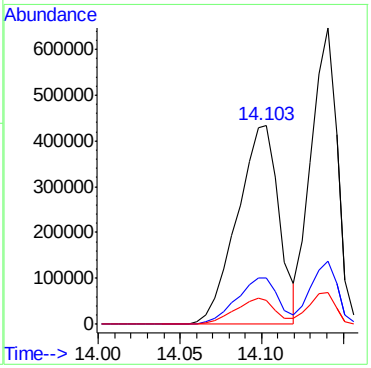


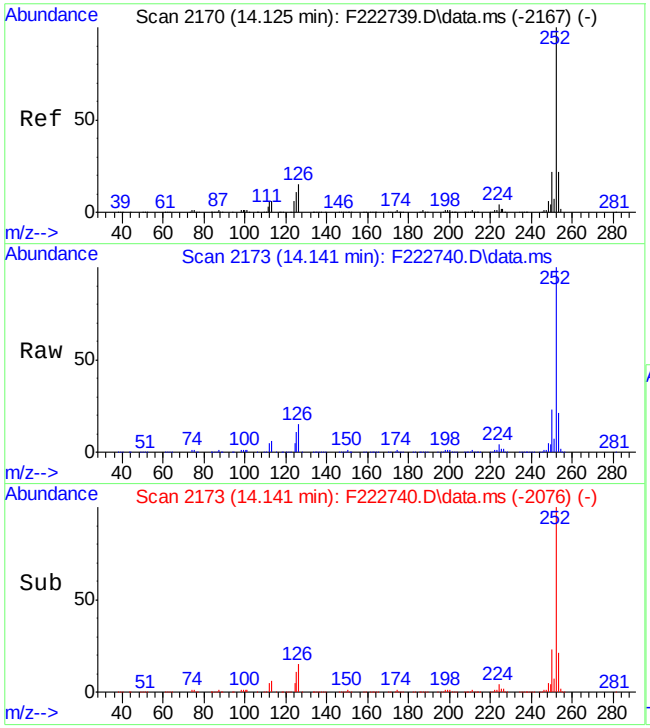


#94
Benzo[b]fluoranthene
Concen: 110.11 ppm
RT: 14.103 min Scan# 2166
Delta R.T. 0.016 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:252 Resp: 776196

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	53.7
125	11.8	0.0	42.3

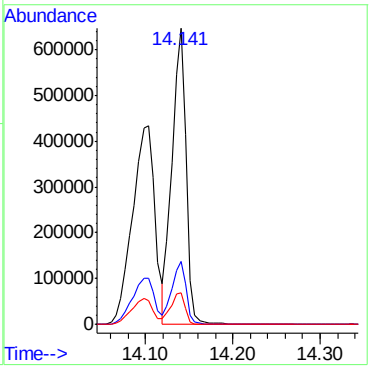


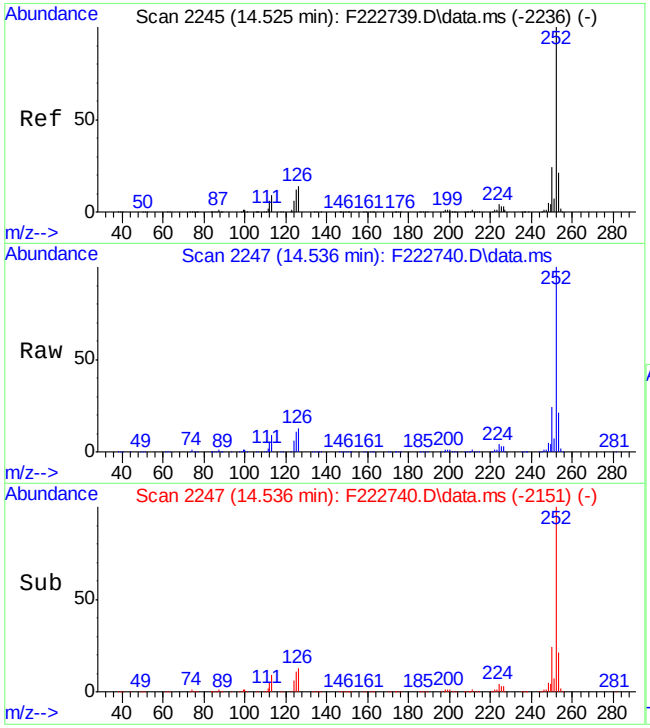


#95
Benzo[k]fluoranthene
Concen: 106.91 ppm
RT: 14.141 min Scan# 2173
Delta R.T. 0.016 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:252 Resp: 733180

Ion	Ratio	Lower	Upper
252	100		
253	21.2	0.0	52.2
125	10.7	0.0	41.3

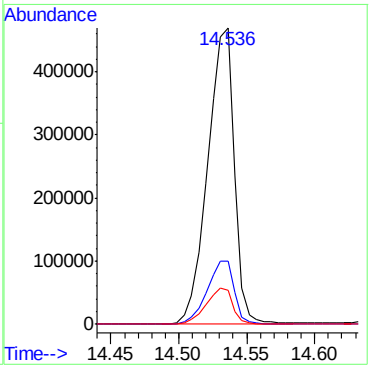


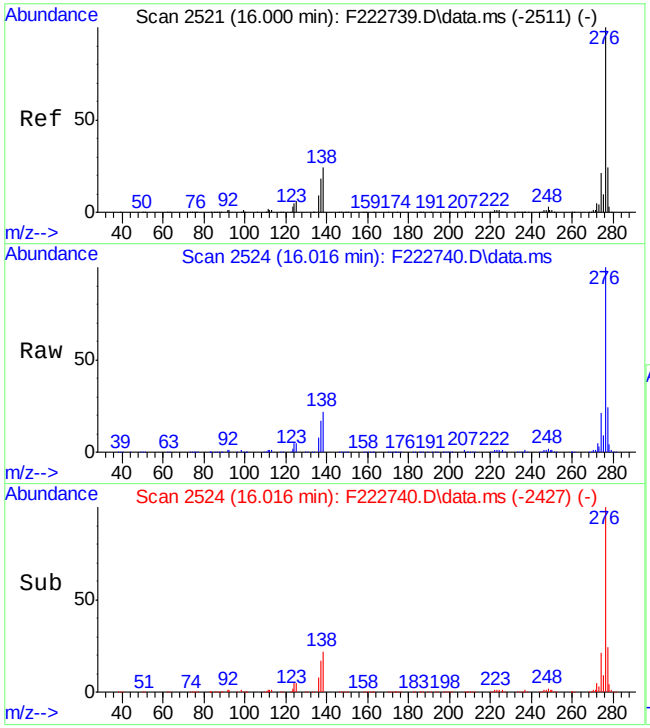


#96
Benzo[a]pyrene
Concen: 110.04 ppm
RT: 14.536 min Scan# 2247
Delta R.T. 0.011 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:252 Resp: 643135

Ion	Ratio	Lower	Upper
252	100		
253	21.1	0.0	50.6
125	11.3	0.0	41.7

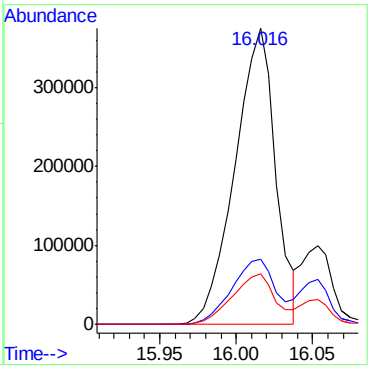


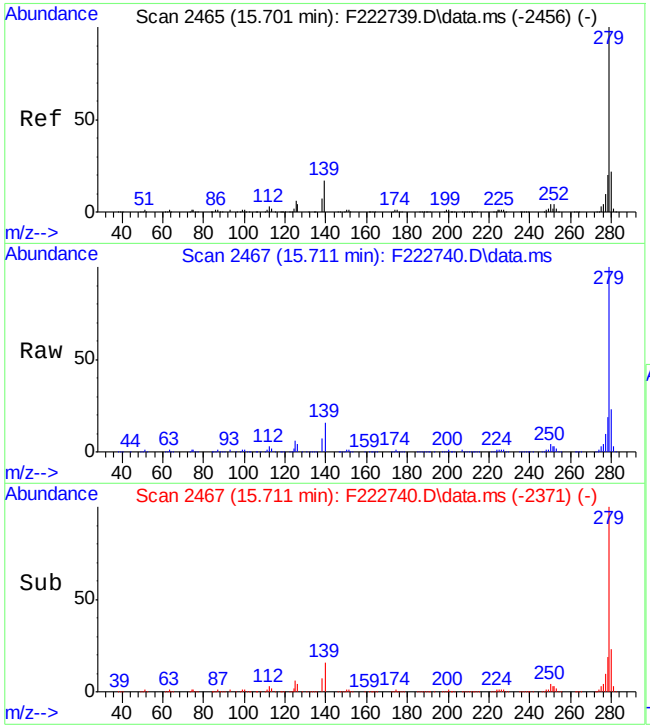


#97
Indeno[1,2,3-cd]pyrene
Concen: 112.16 ppm
RT: 16.016 min Scan# 2524
Delta R.T. 0.016 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:276 Resp: 692575

Ion	Ratio	Lower	Upper
276	100		
138	19.7	0.0	52.1
137	16.2	0.0	46.5

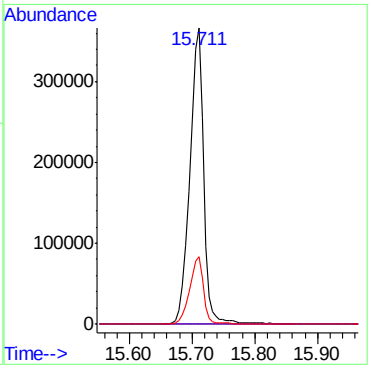


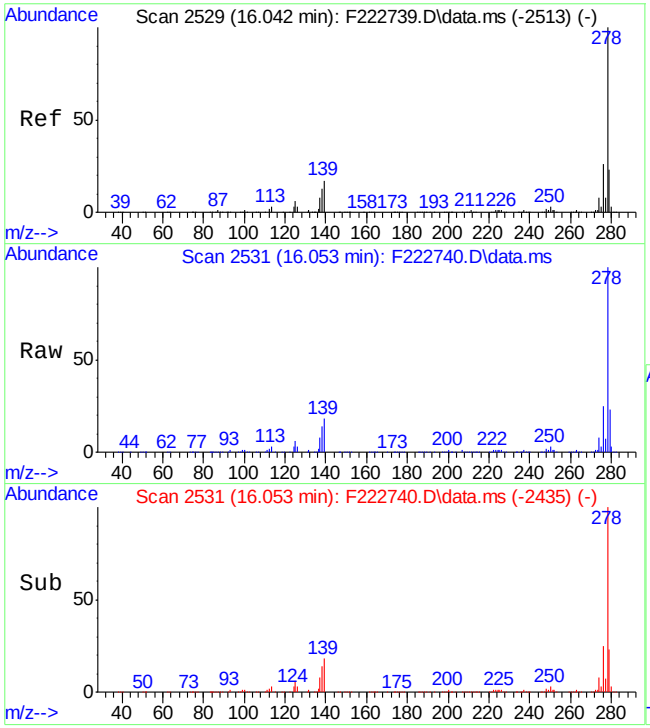


#98
Dibenz(a,h)acridine
Concen: 112.23 ppm
RT: 15.711 min Scan# 2467
Delta R.T. 0.011 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:279 Resp: 559223

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.7	0.0	52.3

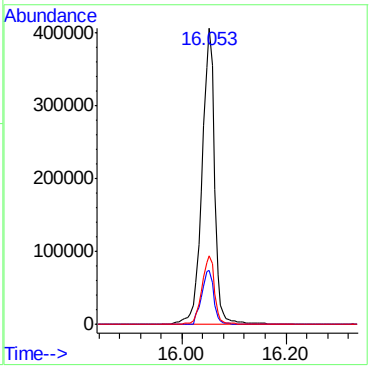


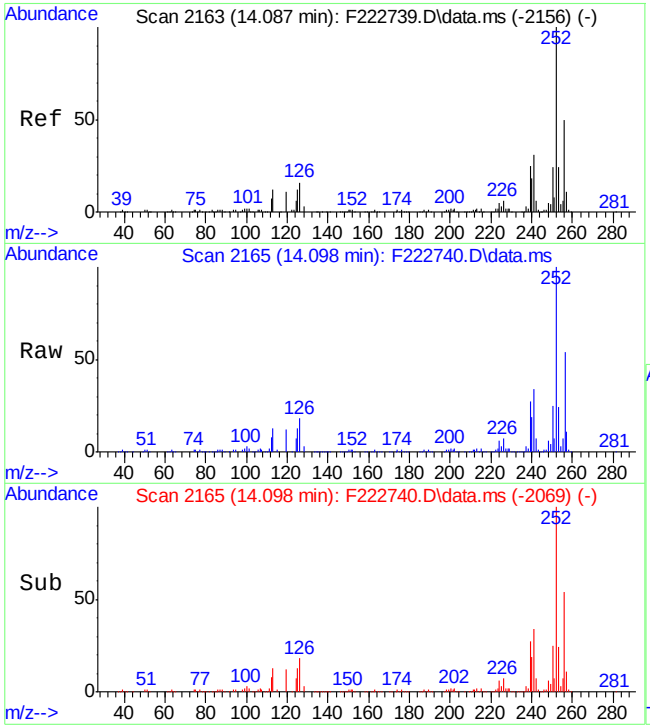


#99
Dibenz[a,h]anthracene
Concen: 111.77 ppm
RT: 16.053 min Scan# 2531
Delta R.T. 0.011 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:278 Resp: 691386

Ion	Ratio	Lower	Upper
278	100		
139	18.0	0.0	47.4
279	23.0	0.0	53.3

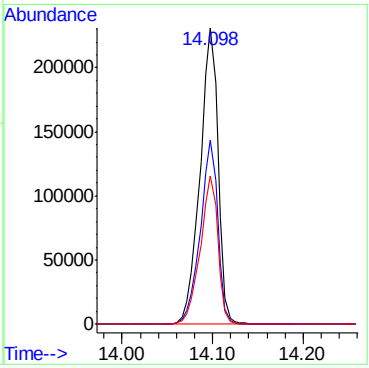


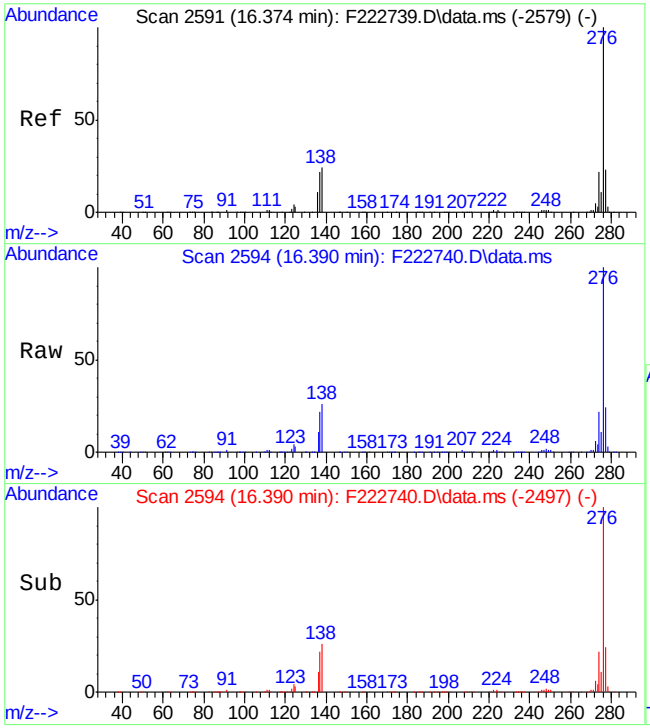


#100
7,12-Dimethylbenz(a)anthracene
Concen: 110.07 ppm
RT: 14.098 min Scan# 2165
Delta R.T. 0.011 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:256 Resp: 319232

Ion	Ratio	Lower	Upper
256	100		
241	62.2	31.1	91.1
239	49.9	19.1	79.1

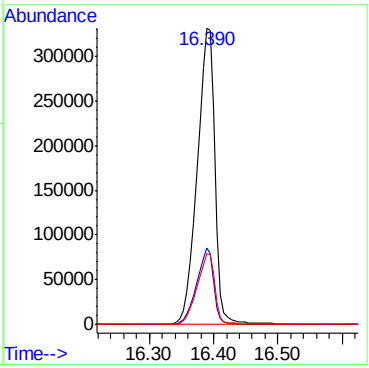




#101
Benzo[g,h,i]perylene
Concen: 109.78 ppm
RT: 16.390 min Scan# 2594
Delta R.T. 0.016 min
Lab File: F222740.D
Acq: 7 Nov 2024 11:43 am

Tgt Ion:276 Resp: 645103

Ion	Ratio	Lower	Upper
276	100		
138	25.8	0.0	54.3
277	24.0	0.0	53.1



7.6.29

7

Manual Integration Approval Summary

Sample Number: EF9899-IC9899
Lab FileID: F222740.D
Injection Time: 11/07/24 11:43

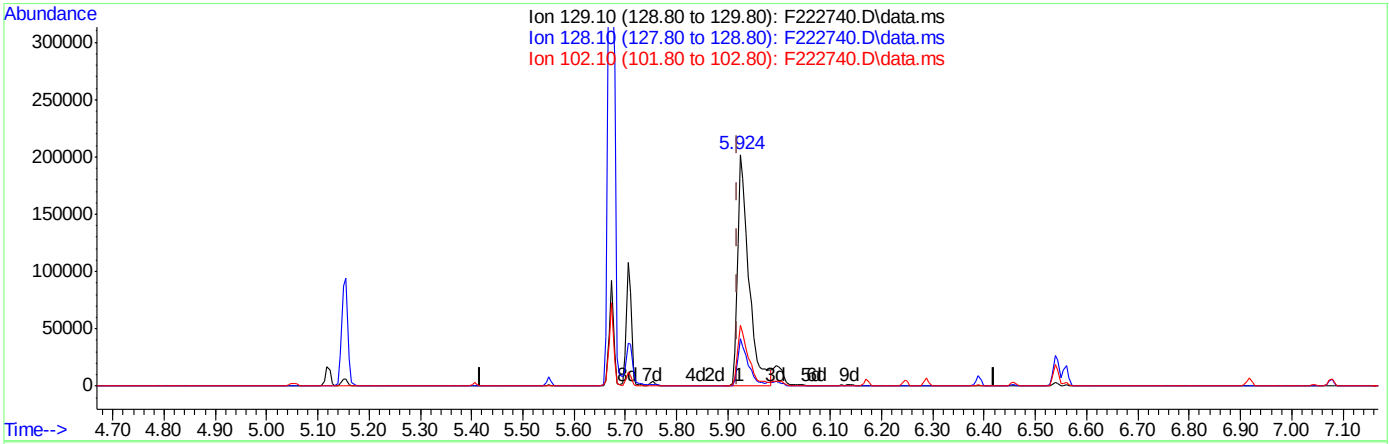
Method: EPA 625.1
Analyst approved: 11/08/24 10:32 Ying Li
Supervisor approved: 11/11/24 10:01 Nina Pandya

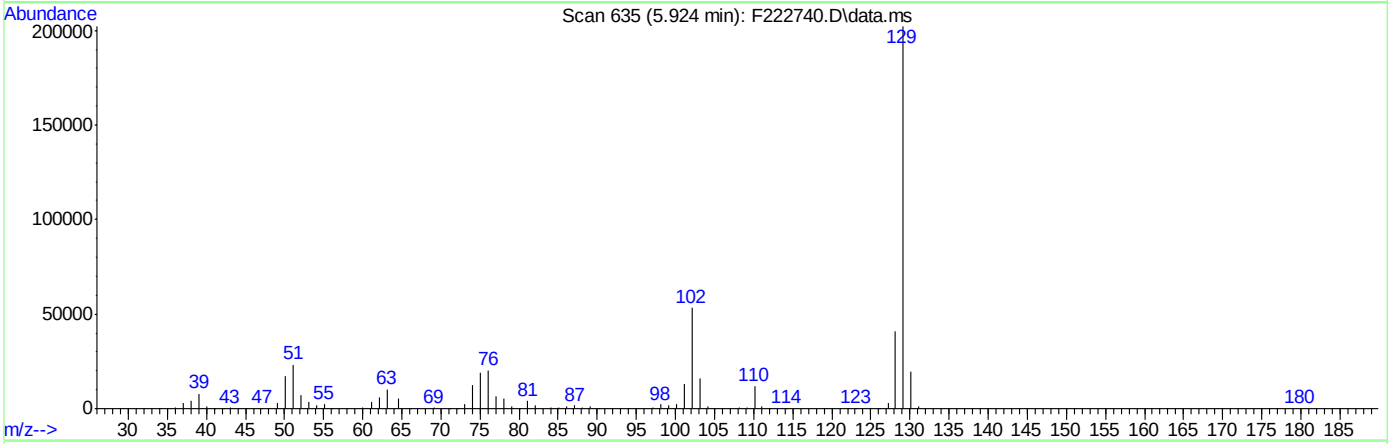
Parameter	CAS	Sig#	R.T. (min.)	Reason
Quinoline	91-22-5		5.92	Poor instrument integration
Hydroquinone	123-31-9		5.97	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222740.D
Acq On : 7 Nov 2024 11:43 am
Operator : jackleey
Sample : ic9899-100
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 08 09:13:50 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration





TIC: F222740.D\data.ms

(27) Quinoline (t)

5.924min (+0.005) 100.58ppm

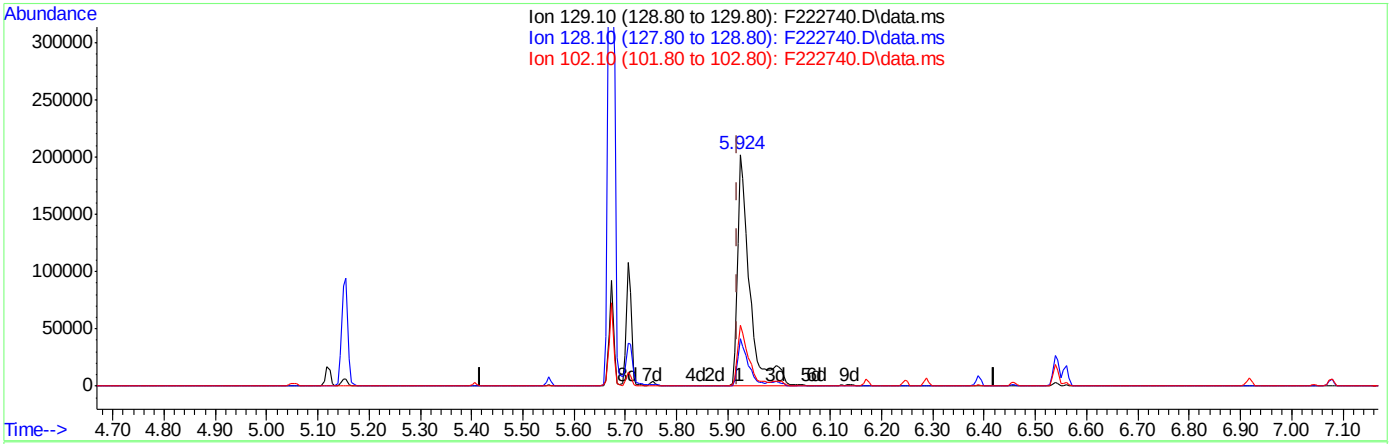
response 314108

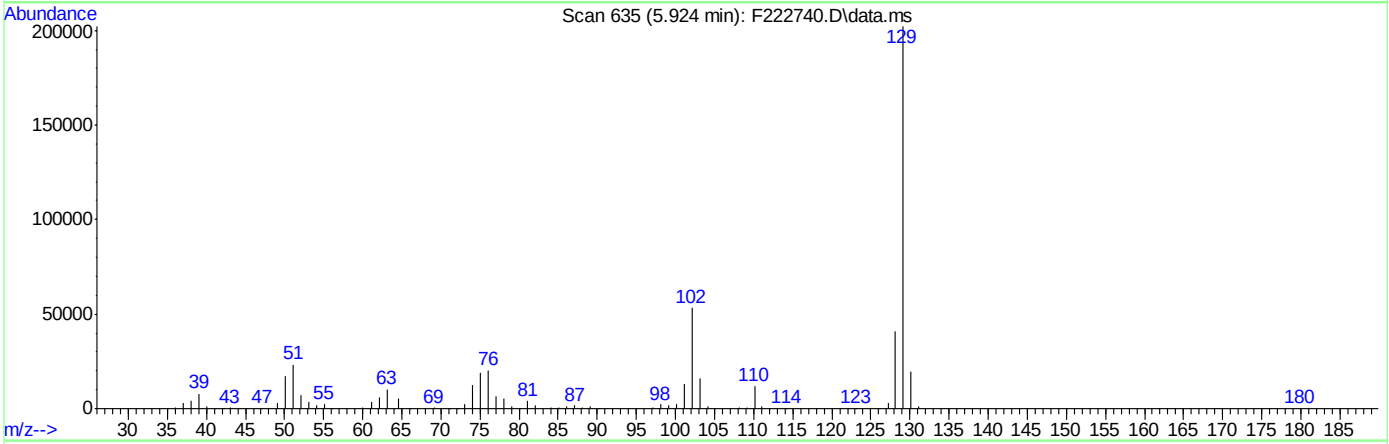
Ion	Exp%	Act%
129.10	100	100
128.10	19.80	20.26
102.10	25.70	26.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222740.D
Acq On : 7 Nov 2024 11:43 am
Operator : jackleey
Sample : ic9899-100
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 08 09:13:50 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration





TIC: F222740.D\data.ms

(27) Quinoline (t)

5.924min (+0.005) 108.95ppm m

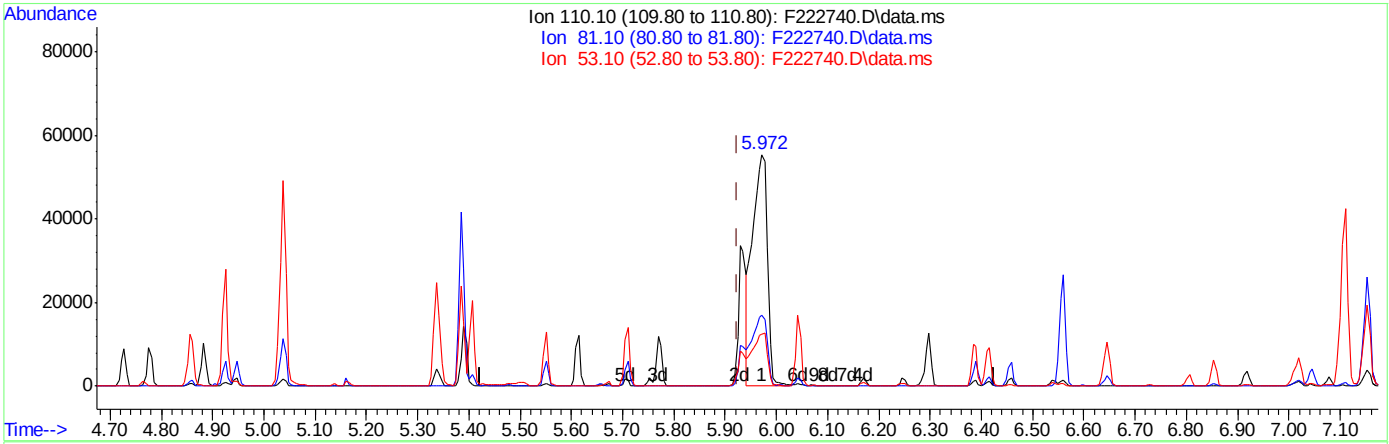
response 340258

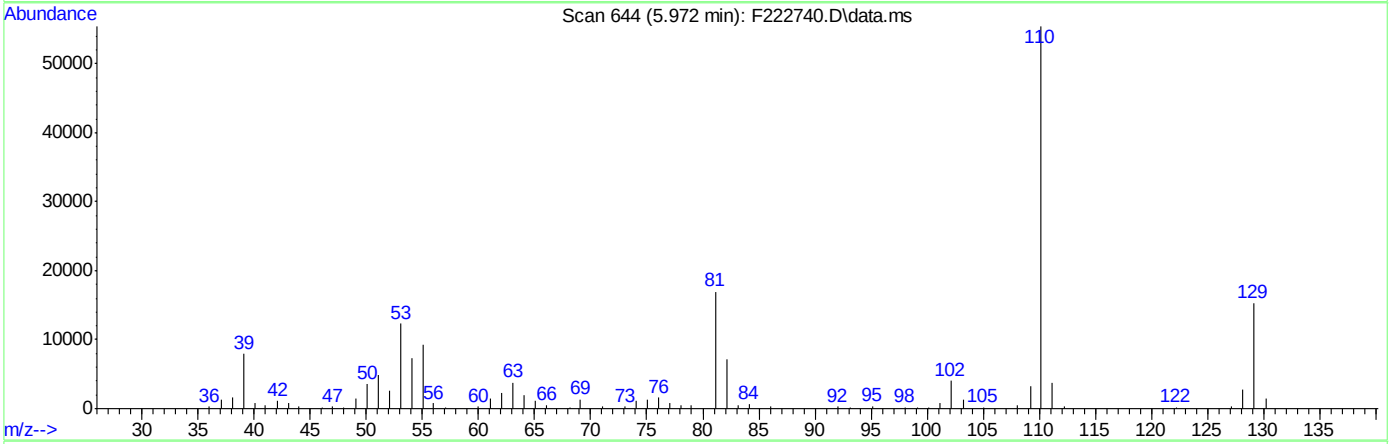
Ion	Exp%	Act%
129.10	100	100
128.10	19.80	20.37
102.10	25.70	26.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222740.D
Acq On : 7 Nov 2024 11:43 am
Operator : jackleey
Sample : ic9899-100
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 08 09:13:50 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration





TIC: F222740.D\data.ms

(41) Hydroquinone (t)

5.972min (+0.048) 82.14ppm

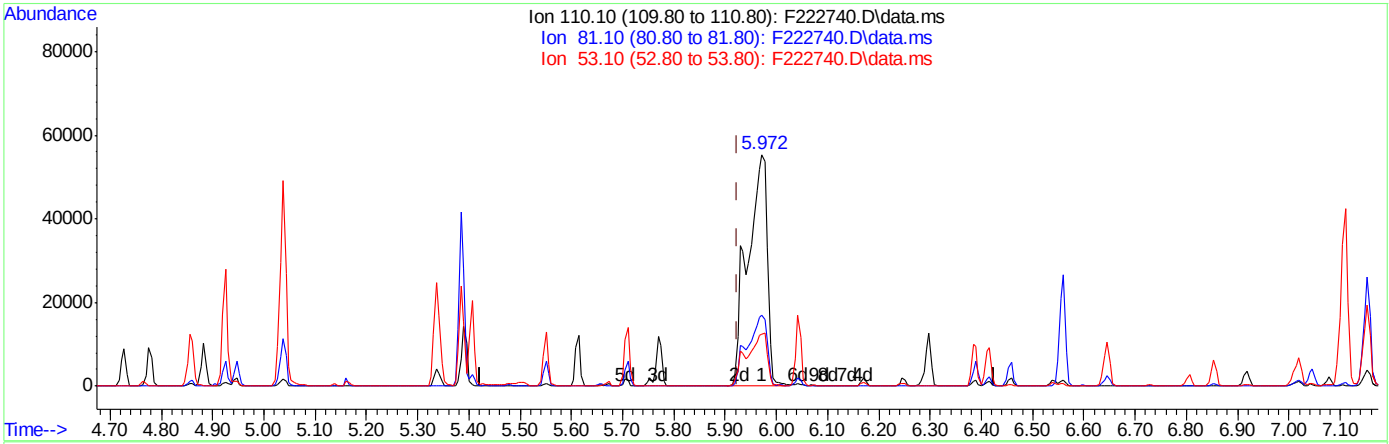
response 115080

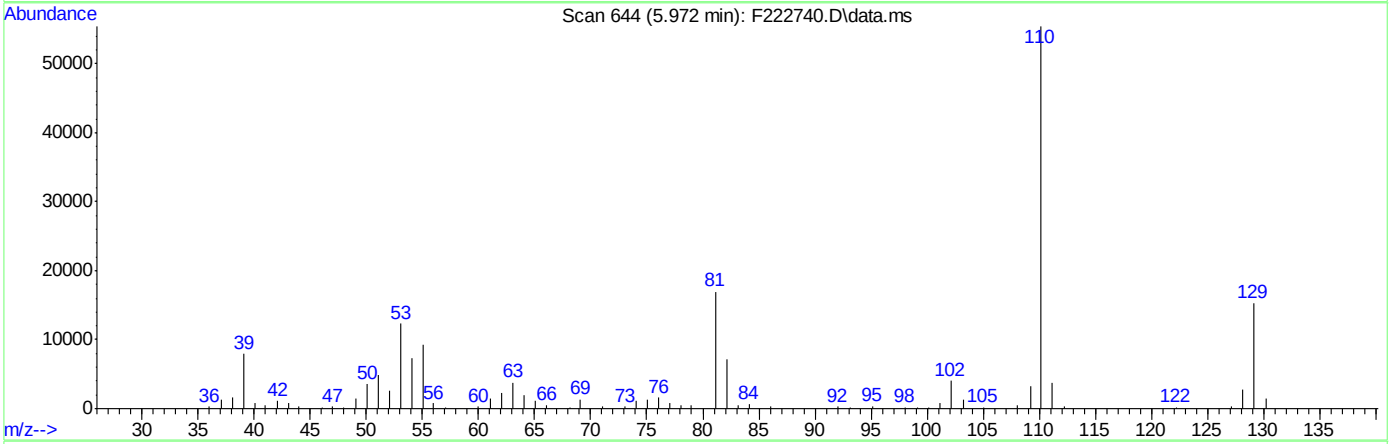
Ion	Exp%	Act%
110.10	100	100
81.10	30.70	29.95
53.10	24.60	20.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222740.D
Acq On : 7 Nov 2024 11:43 am
Operator : jackleey
Sample : ic9899-100
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 08 09:13:50 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration





TIC: F222740.D\data.ms

(41) Hydroquinone (t)

5.972min (+0.048) 106.59ppm m

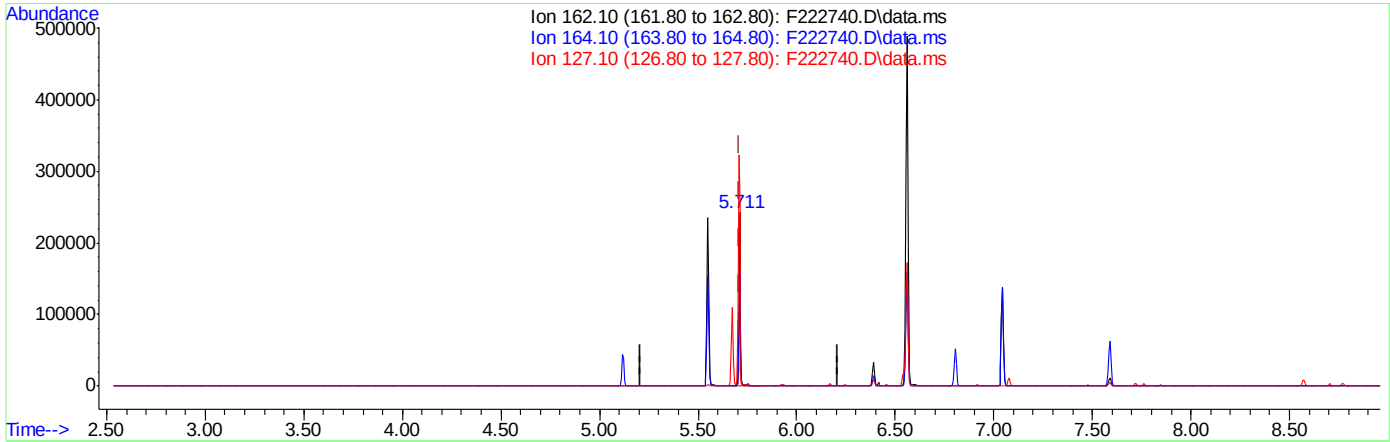
response 149335

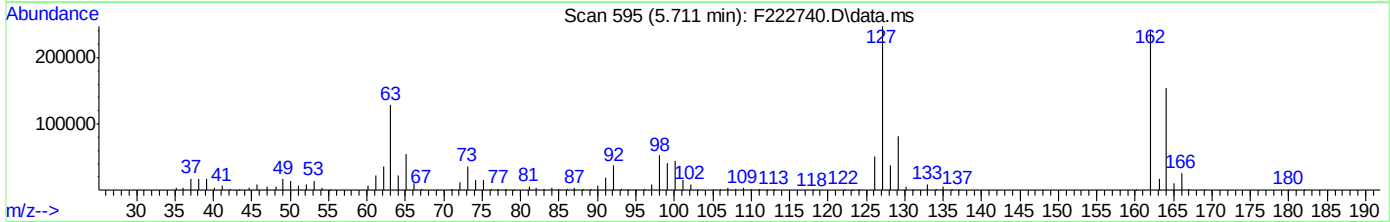
Ion	Exp%	Act%
110.10	100	100
81.10	30.70	30.65
53.10	24.60	22.29
0.00	0.00	0.00

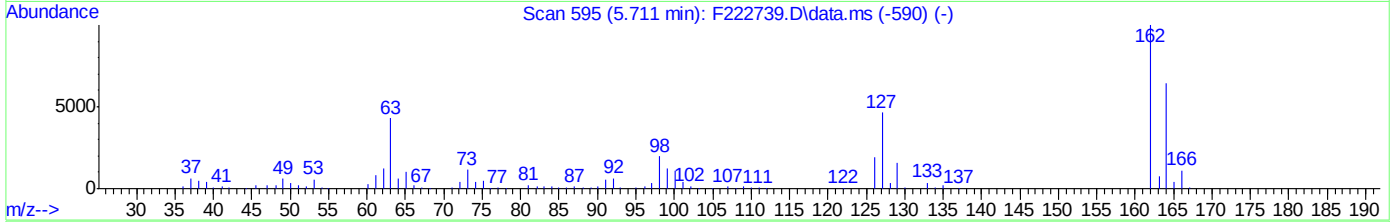
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222740.D
Acq On : 7 Nov 2024 11:43 am
Operator : jackleey
Sample : ic9899-100
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 08 09:16:20 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222740.D\data.ms

(52) 2-Chloronaphthalene (t)

5.711min (0.000) 111.26ppm

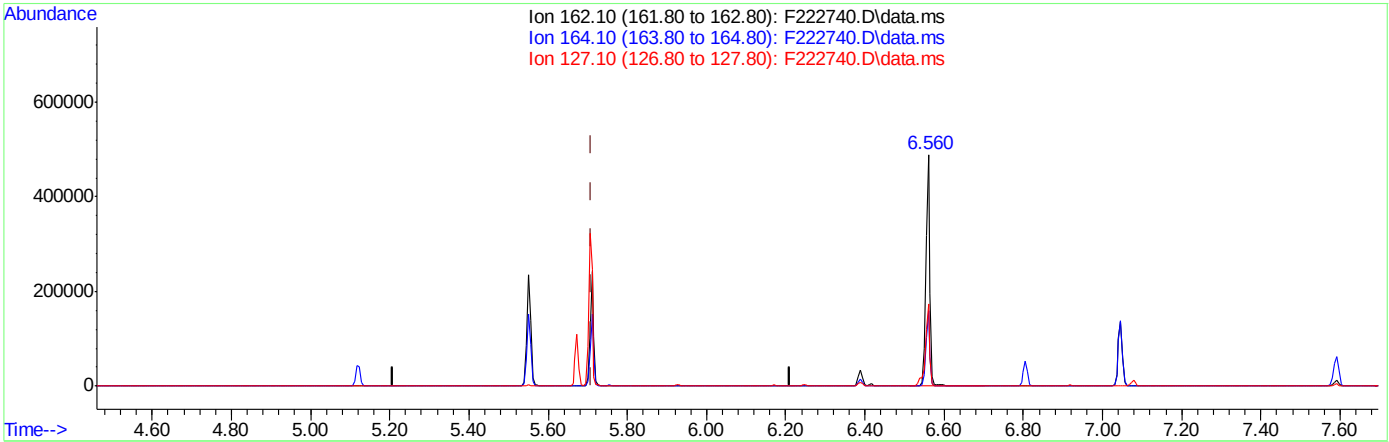
response 163835

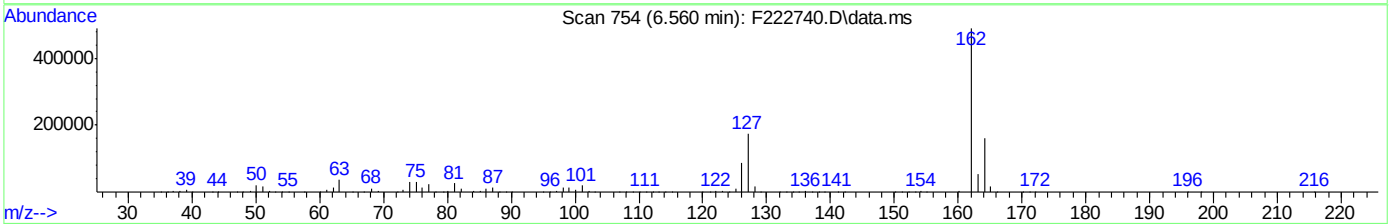
Ion	Exp%	Act%
162.10	100	100
164.10	64.30	63.33
127.10	46.90	79.22#
0.00	0.00	0.00

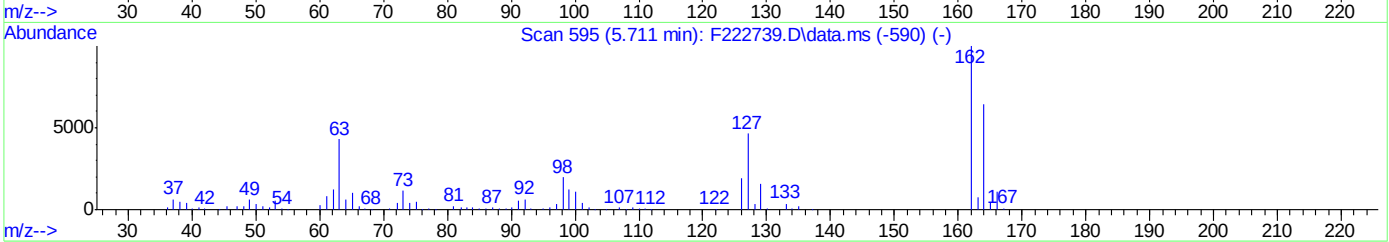
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222740.D
Acq On : 7 Nov 2024 11:43 am
Operator : jackleey
Sample : ic9899-100
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 06 10:43:23 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 08:54:08 2024
Response via : Initial Calibration







TIC: F222740.D\data.ms

(52) 2-Chloronaphthalene (t)

6.560min (+0.849) 248.51ppm m

response 365953

Ion	Exp%	Act%
162.10	100	100
164.10	64.30	32.68#
127.10	46.90	35.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : f222741.D
Acq On : 7 Nov 2024 12:06 pm
Operator : jackleey
Sample : icv9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 08 09:49:57 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 09:33:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.765	152	52683	40.00	ppm	0.00
24) Naphthalene-d8	5.657	136	200068	40.00	ppm	0.00
46) Acenaphthene-d10	7.041	164	108453	40.00	ppm	0.00
69) Phenanthrene-d10	8.665	188	220573	40.00	ppm	0.00
83) Chrysene-d12	12.512	240	197167	40.00	ppm	0.00
92) Perylene-d12	14.600	264	222785	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.765	152	52683	40.00	ppm	0.00
112) Naphthalene-d8A	5.657	136	200068	40.00	ppm	0.00
121) Acenaphthene-d10A	7.041	164	108453	40.00	ppm	0.00
132) Phenanthrene-d10A	8.665	188	220573	40.00	ppm	0.00
147) Chrysene-d12A	12.512	240	197167	40.00	ppm	0.00
154) Perylene-d12A	14.600	264	222785	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.765	152	52683	40.00	ppm	0.00
159) Phenanthrene-d10b	8.665	188	220573	40.00	ppm	0.00
161) Naphthalene-d8b	5.657	136	200068	40.00	ppm	0.00
163) Naphthalene-d8c	5.657	136	200068	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.765	152	52683	40.00	ppm	0.00
169) Chrysene-d12c	12.512	240	197167	40.00	ppm	0.00
171) Chrysene-d12d	12.512	240	197167	40.00	ppm	0.00
173) Naphthalene-d8d	5.657	136	200068	40.00	ppm	0.00
175) Chrysene-d12e	12.512	240	197167	40.00	ppm	0.00
177) Perylene-d12b	14.600	264	222785	40.00	ppm	0.00
179) Naphthalene-d8e	5.657	136	200068	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.703	88	31693	47.63	ppm	94
6) Indene	4.942	116	149099	53.80	ppm	99
7) Cumene	4.220	105	160925	53.11	ppm	99
11) bis(2-Chloroethyl)ether	4.573	93	73705	51.24	ppm	94
13) Decane	4.648	43	82300	52.77	ppm	98
14) 1,3-Dichlorobenzene	4.723	146	99440	52.93	ppm	99
15) 1,4-Dichlorobenzene	4.776	146	102602	53.33	ppm	97
16) Benzyl alcohol	4.856	108	51699	53.20	ppm	98
17) 1,2-Dichlorobenzene	4.883	146	97927	53.16	ppm	99
18) Acetophenone	5.043	105	120437	52.56	ppm	96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : f222741.D
Acq On : 7 Nov 2024 12:06 pm
Operator : jackleey
Sample : icv9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 08 09:49:57 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 09:33:11 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
20)	2,2'-oxybis(1-Chloropr...	4.947	121	24384	53.24	ppm	#	88
23)	Hexachloroethane	5.118	201	39794	53.67	ppm		98
26)	Nitrobenzene	5.161	77	84167	54.97	ppm		96
27)	Quinoline	5.908	129	164241	52.66	ppm		100
28)	Isophorone	5.326	82	151400	54.11	ppm		99
32)	bis(2-Chloroethoxy)met...	5.476	93	95216	52.18	ppm		98
35)	1,3,5-Trichlorobenzene	5.390	180	95182	53.53	ppm		100
36)	1,2,4-Trichlorobenzene	5.609	180	91085	55.06	ppm		98
37)	1,2,3-Trichlorobenzene	5.770	180	92801	55.11	ppm		99
38)	Naphthalene	5.668	128	263639	54.64	ppm		99
40)	2,3-Dichloroaniline	6.384	161	88099	53.10	ppm		97
42)	Hexachlorobutadiene	5.754	225	57047	53.81	ppm		99
44)	2-Methylnaphthalene	6.170	141	155273	53.48	ppm		99
45)	1-Methylnaphthalene	6.245	142	161566	53.32	ppm		99
47)	Hexachlorocyclopentadiene	6.288	237	127357	120.18	ppm		98
48)	1,2,4,5-tetrachloroben...	6.293	216	102022	56.08	ppm		100
53)	Biphenyl	6.539	154	219465	52.26	ppm		98
55)	Dimethylphthalate	6.795	163	192389	53.62	ppm		100
56)	Acenaphthylene	6.913	152	255122	56.38	ppm		99
57)	2,6-Dinitrotoluene	6.849	165	36324	52.61	ppm		99
59)	Acenaphthene	7.073	153	185041	53.06	ppm		94
62)	Dibenzofuran	7.239	168	258914	53.50	ppm		99
63)	2,4-Dinitrotoluene	7.223	165	48355	50.35	ppm		95
65)	Diethylphthalate	7.468	149	203543	53.98	ppm		99
66)	Fluorene	7.586	166	206429	55.15	ppm		99
67)	4-Chlorophenyl-phenyle...	7.586	204	107529	52.94	ppm		98
72)	1,2-Diphenylhydrazine	7.757	77	176905	51.55	ppm		97
74)	4-Bromophenyl-phenylether	8.131	248	60934	51.59	ppm		99
75)	Hexachlorobenzene	8.190	284	65444	51.63	ppm		96
77)	Phenanthrene	8.697	178	302953	51.68	ppm		99
78)	Anthracene	8.761	178	305229	52.96	ppm		100
79)	Carbazole	8.975	167	281241	53.24	ppm		99
80)	Di-n-butylphthalate	9.493	149	346892	55.62	ppm		100
81)	Fluoranthene	10.321	202	349570	55.14	ppm		98
82)	Octadecane	8.569	57	107352	54.20	ppm		98
85)	Pyrene	10.647	202	366230	56.21	ppm		98
87)	Butylbenzylphthalate	11.742	149	141618	56.52	ppm		98
88)	Benzo[a]anthracene	12.490	228	331062	56.50	ppm		98
90)	Chrysene	12.549	228	343045	54.95	ppm		99
91)	bis(2-Ethylhexyl)phtha...	12.688	149	224159	56.20	ppm		100
93)	Di-n-octylphthalate	13.676	149	365122	53.47	ppm		99
94)	Benzo[b]fluoranthene	14.087	252	359539	56.97	ppm		100
95)	Benzo[k]fluoranthene	14.125	252	368892	57.93	ppm		98
96)	Benzo[a]pyrene	14.526	252	310000	59.30	ppm		99
97)	Indeno[1,2,3-cd]pyrene	16.000	276	300849	49.95	ppm		99
98)	Dibenz(a,h)acridine	15.701	279	255016	54.08	ppm		100
99)	Dibenz[a,h]anthracene	16.043	278	310956	56.34	ppm		100
100)	7,12-Dimethylbenz(a)an...	14.087	256	143138	52.17	ppm		97
101)	Benzo[g,h,i]perylene	16.379	276	293130	55.33	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : f222741.D
Acq On : 7 Nov 2024 12:06 pm
Operator : jackleey
Sample : icv9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 08 09:49:57 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 09:33:11 2024
Response via : Initial Calibration

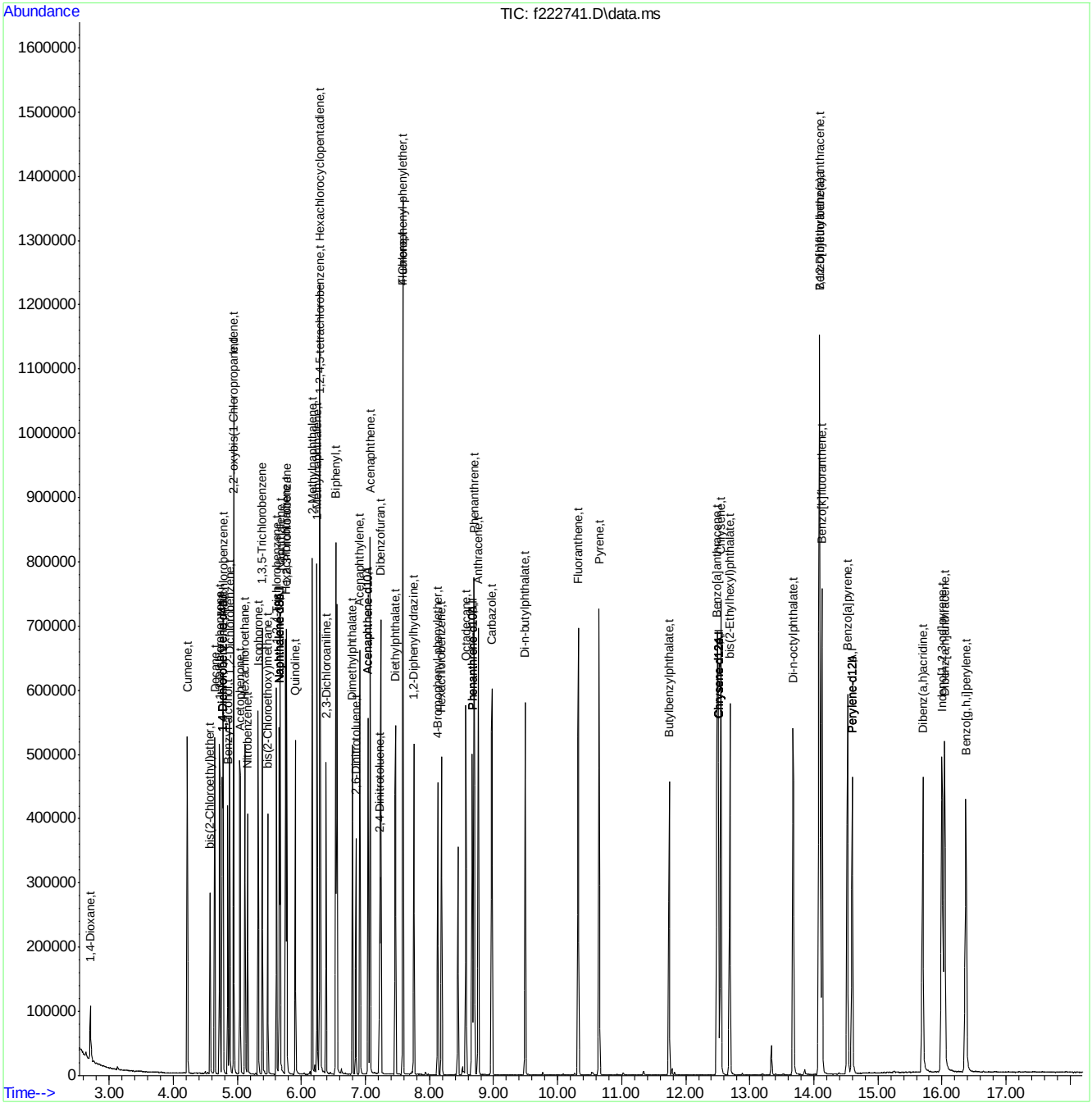
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

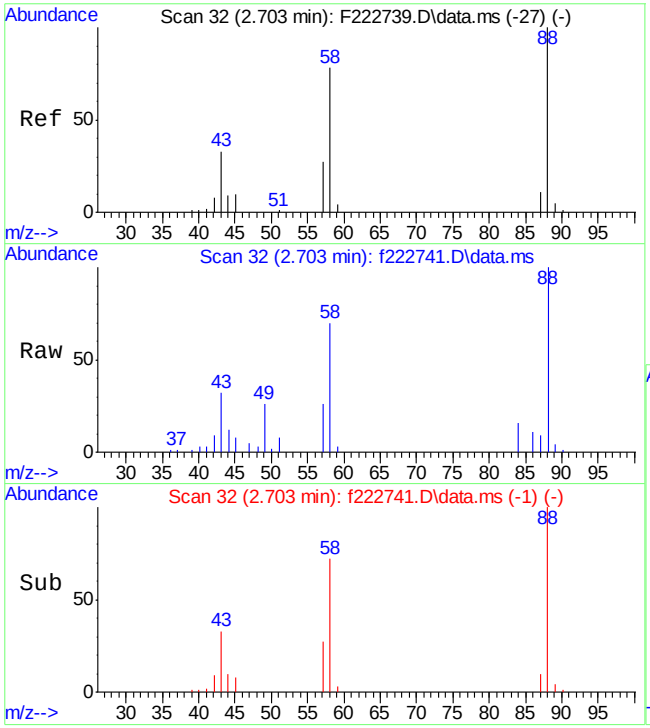
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : f222741.D
Acq On : 7 Nov 2024 12:06 pm
Operator : jackleey
Sample : icv9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 10 Sample Multiplier: 1

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Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 09:33:11 2024
Response via : Initial Calibration

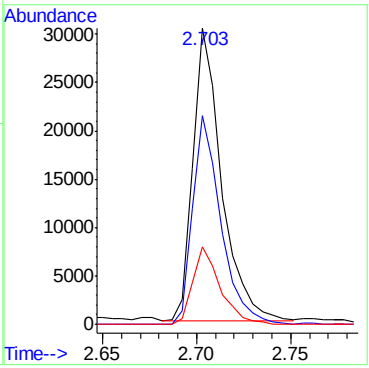


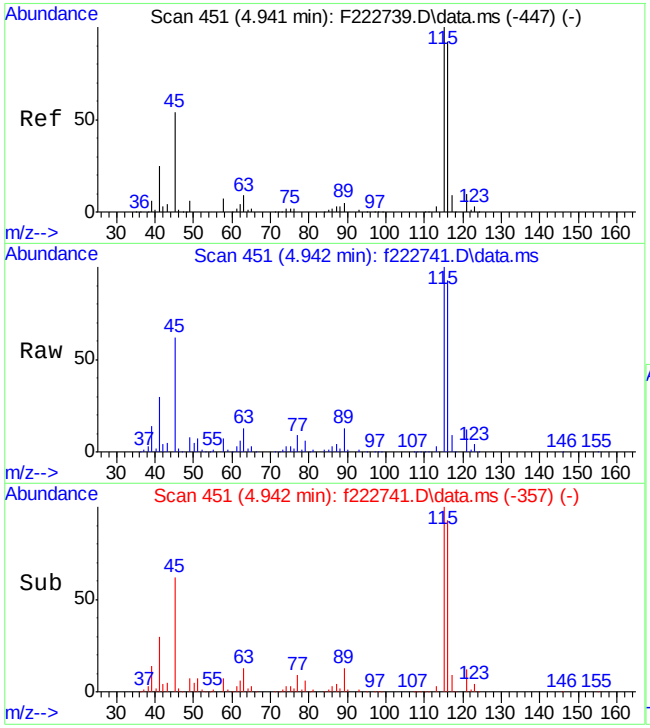


#2
1,4-Dioxane
Concen: 47.63 ppm
RT: 2.703 min Scan# 32
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion: 88 Resp: 31693

Ion	Ratio	Lower	Upper
88	100		
58	71.4	47.6	107.6
57	26.4	0.0	57.2

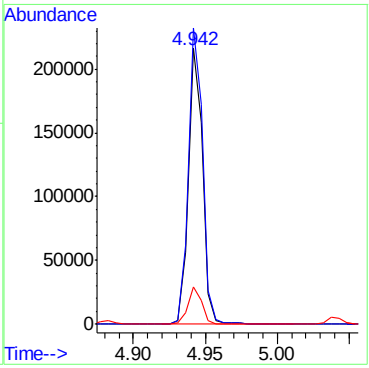


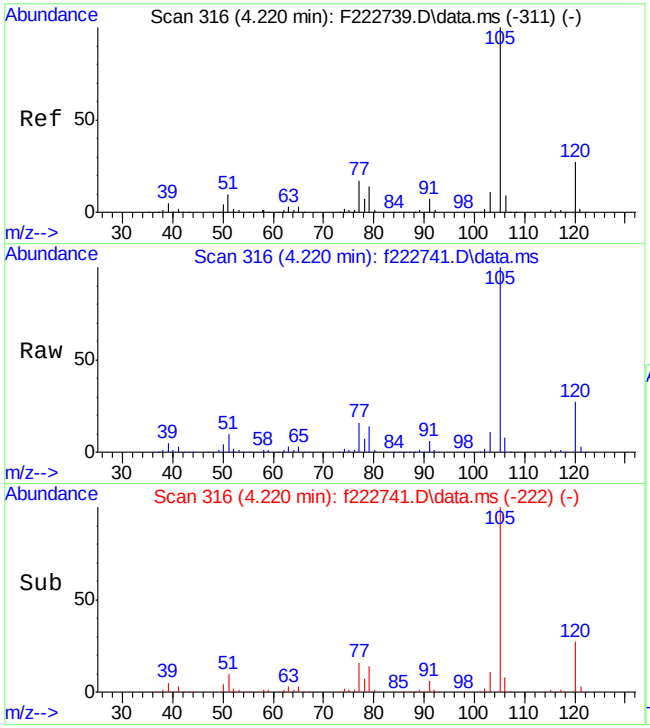


#6
Indene
Concen: 53.80 ppm
RT: 4.942 min Scan# 451
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:116 Resp: 149099

Ion	Ratio	Lower	Upper
116	100		
115	107.4	78.5	138.5
63	13.5	0.0	42.1

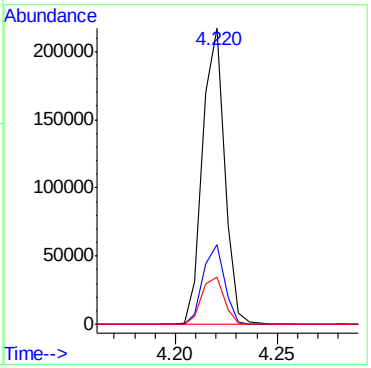


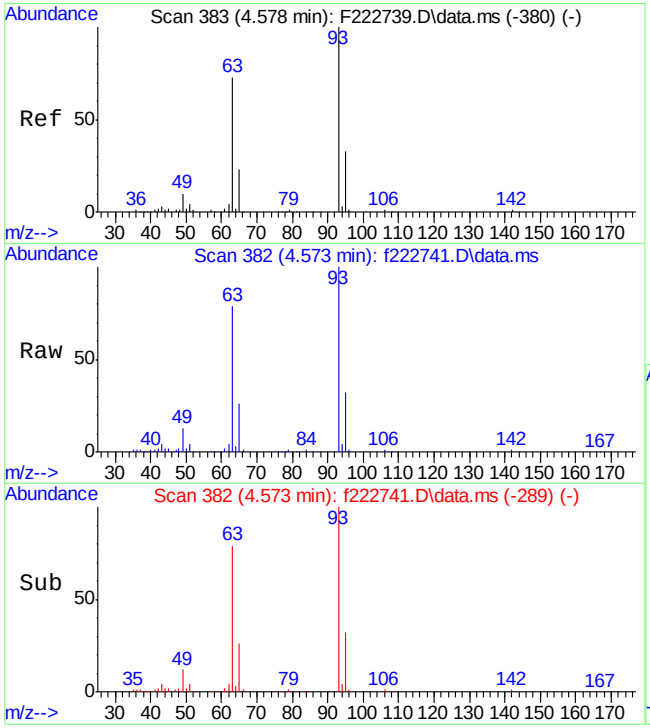


#7
Cumene
Concen: 53.11 ppm
RT: 4.220 min Scan# 316
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:105 Resp: 160925

Ion	Ratio	Lower	Upper
105	100		
120	27.1	0.0	57.2
77	15.9	0.0	46.5

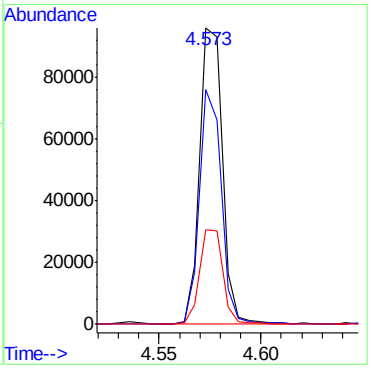


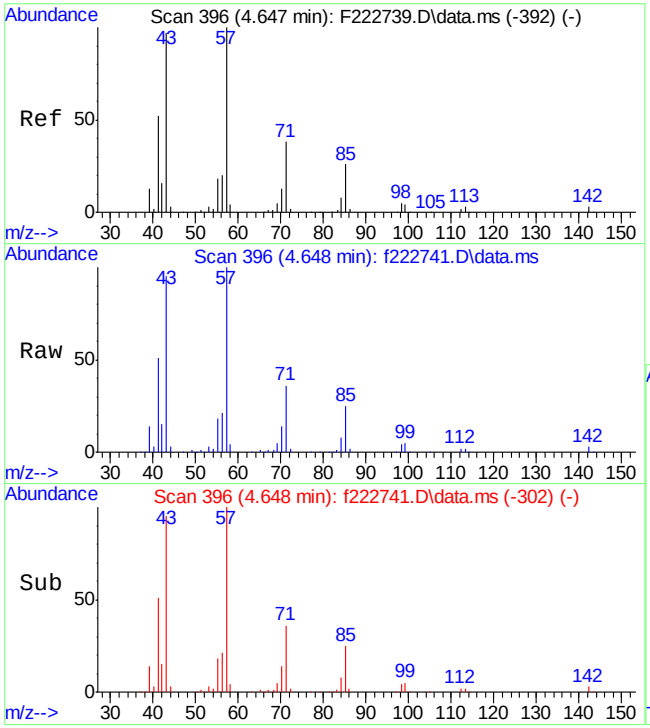


#11
bis(2-Chloroethyl)ether
Concen: 51.24 ppm
RT: 4.573 min Scan# 382
Delta R.T. -0.005 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion: 93 Resp: 73705

Ion	Ratio	Lower	Upper
93	100		
63	79.0	42.1	102.1
95	31.9	2.4	62.4

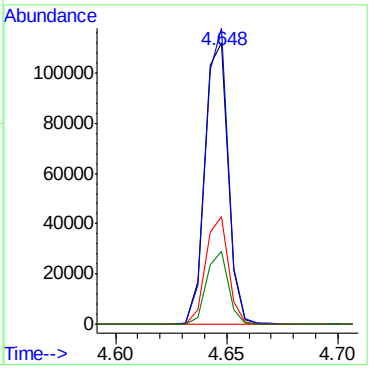


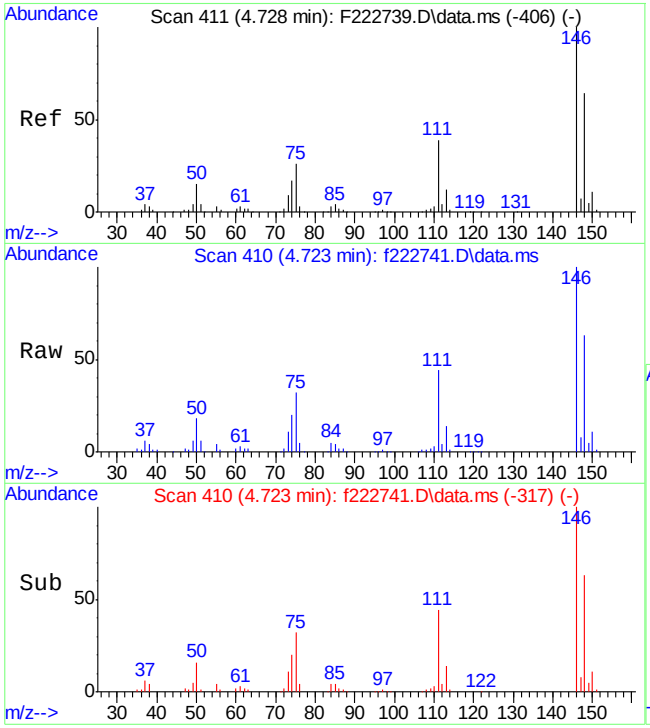


#13
Decane
Concen: 52.77 ppm
RT: 4.648 min Scan# 396
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion: 43 Resp: 82300

Ion	Ratio	Lower	Upper
43	100		
57	105.0	73.5	133.5
71	38.2	9.4	69.4
85	25.6	0.0	56.4

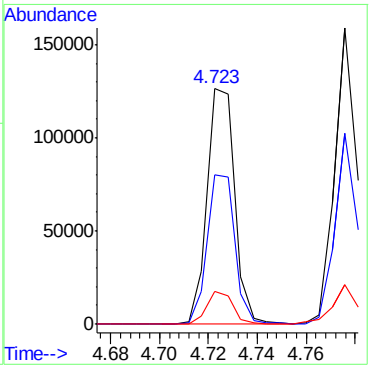


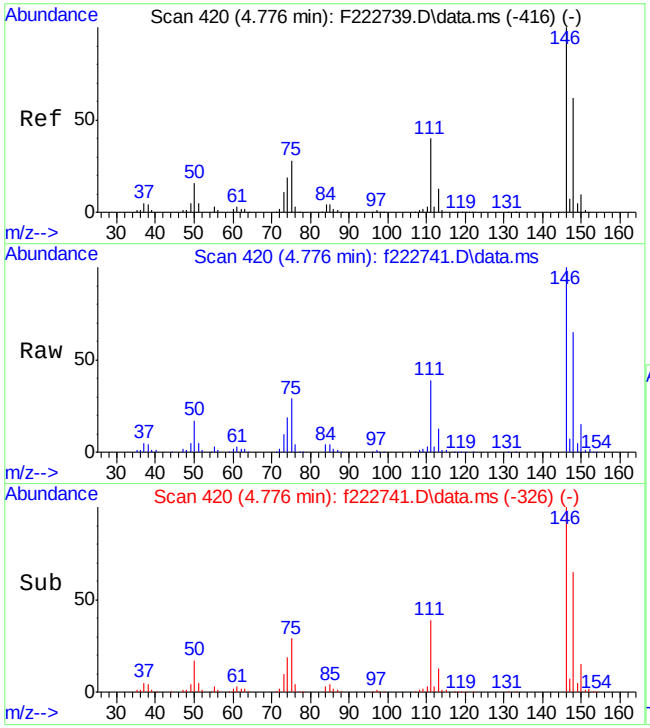


#14
1,3-Dichlorobenzene
Concen: 52.93 ppm
RT: 4.723 min Scan# 410
Delta R.T. -0.005 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:146 Resp: 99440

Ion	Ratio	Lower	Upper
146	100		
148	63.4	33.6	93.6
113	13.9	0.0	41.9

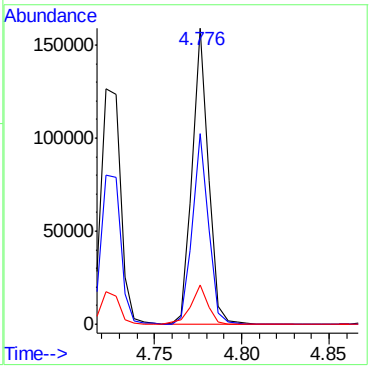


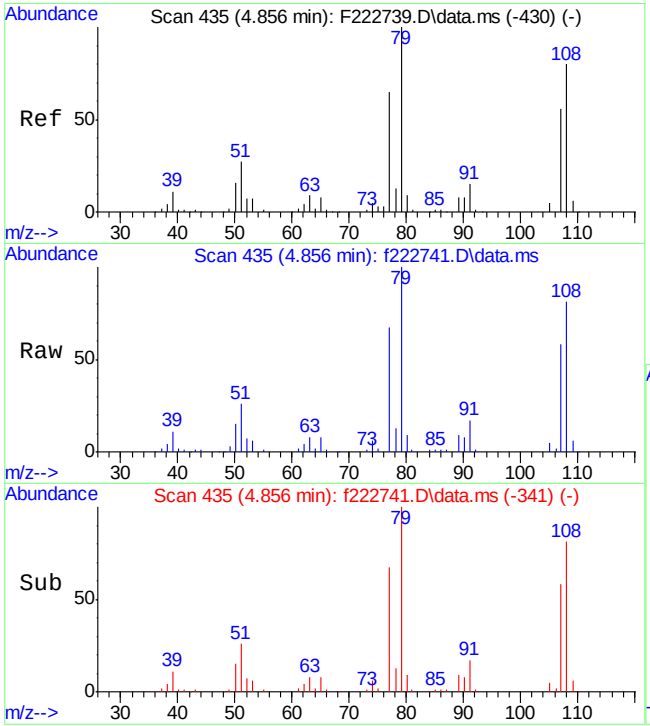


#15
1,4-Dichlorobenzene
Concen: 53.33 ppm
RT: 4.776 min Scan# 420
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:146 Resp: 102602

Ion	Ratio	Lower	Upper
146	100		
148	64.5	32.0	92.0
113	13.3	0.0	42.6

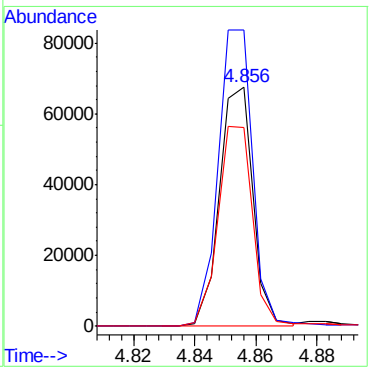


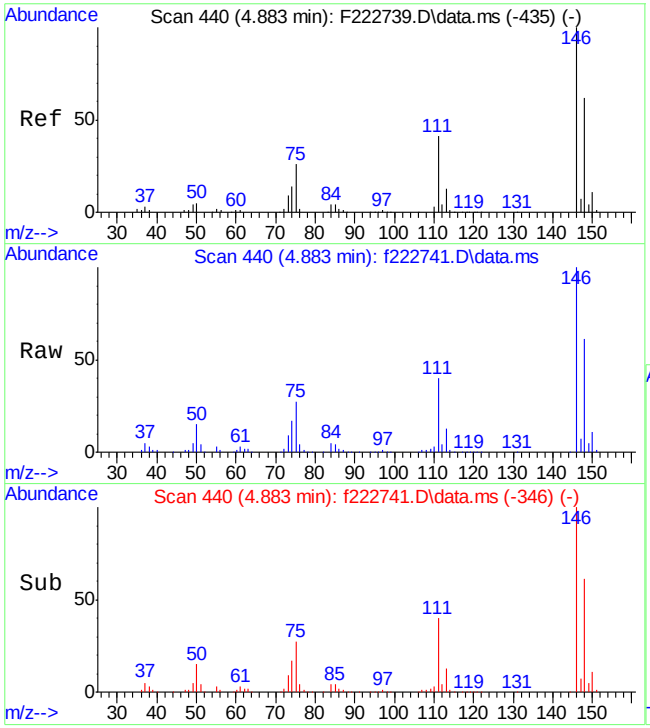


#16
Benzyl alcohol
Concen: 53.20 ppm
RT: 4.856 min Scan# 435
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:108 Resp: 51699

Ion	Ratio	Lower	Upper
108	100		
79	123.6	95.7	155.7
77	82.9	51.3	111.3

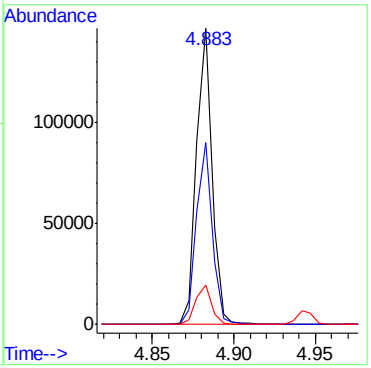


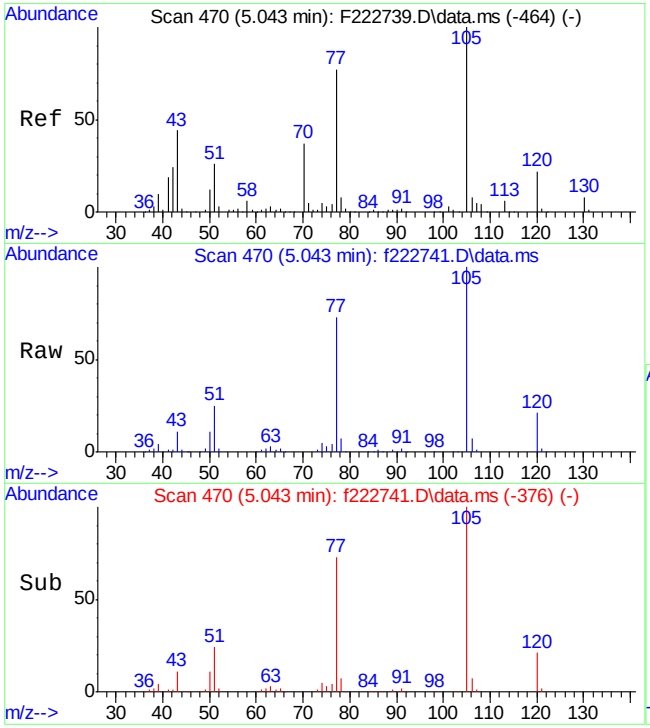


#17
1,2-Dichlorobenzene
Concen: 53.16 ppm
RT: 4.883 min Scan# 440
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:146 Resp: 97927

Ion	Ratio	Lower	Upper
146	100		
148	61.4	31.8	91.8
113	12.6	0.0	42.3

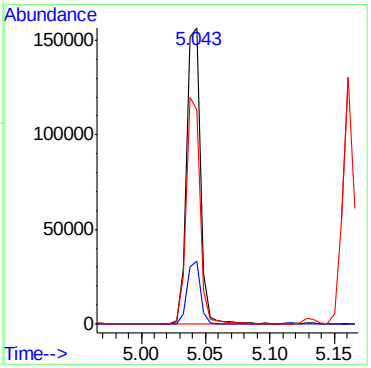




#18
Acetophenone
Concen: 52.56 ppm
RT: 5.043 min Scan# 470
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

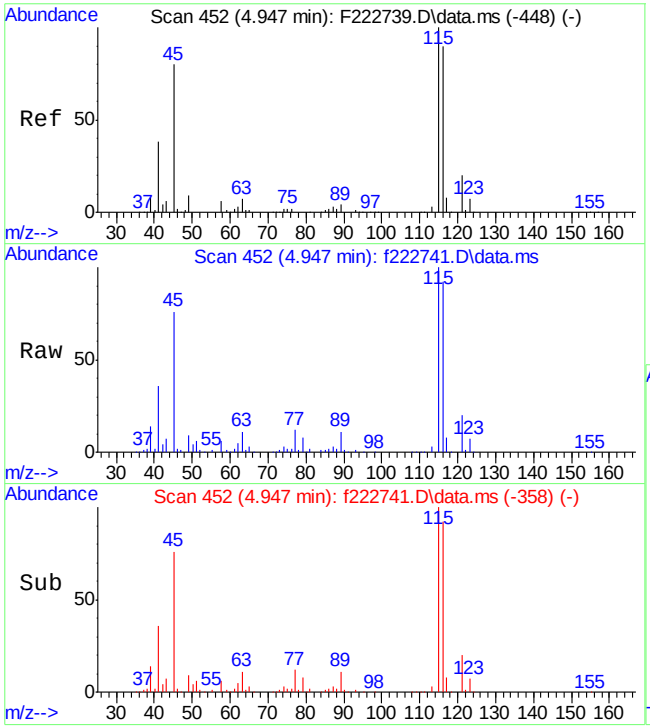
Tgt Ion:105 Resp: 120437

Ion	Ratio	Lower	Upper
105	100		
120	21.0	0.0	51.5
77	72.5	46.5	106.5



7.6.30

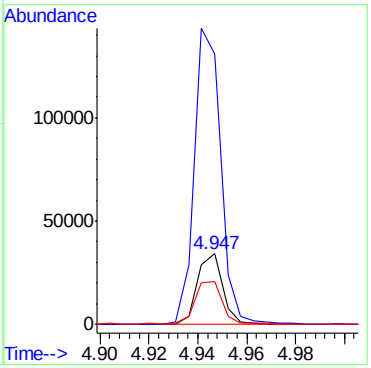
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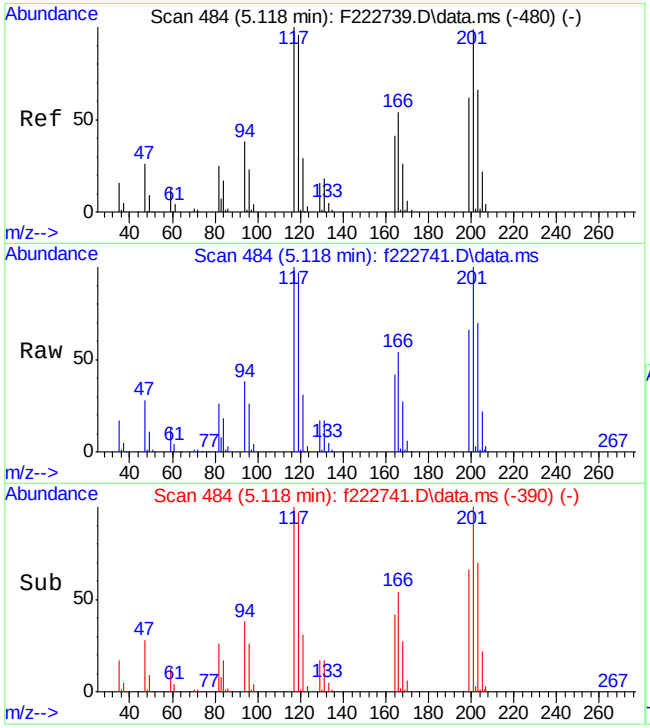


#20
2,2'-oxybis(1-Chloropropane
Concen: 53.24 ppm
RT: 4.947 min Scan# 452
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:121 Resp: 24384

Ion	Ratio	Lower	Upper
121	100		
45	384.4	374.4	434.4
77	59.5	0.0	49.9#

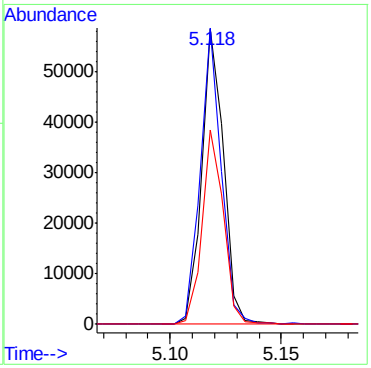


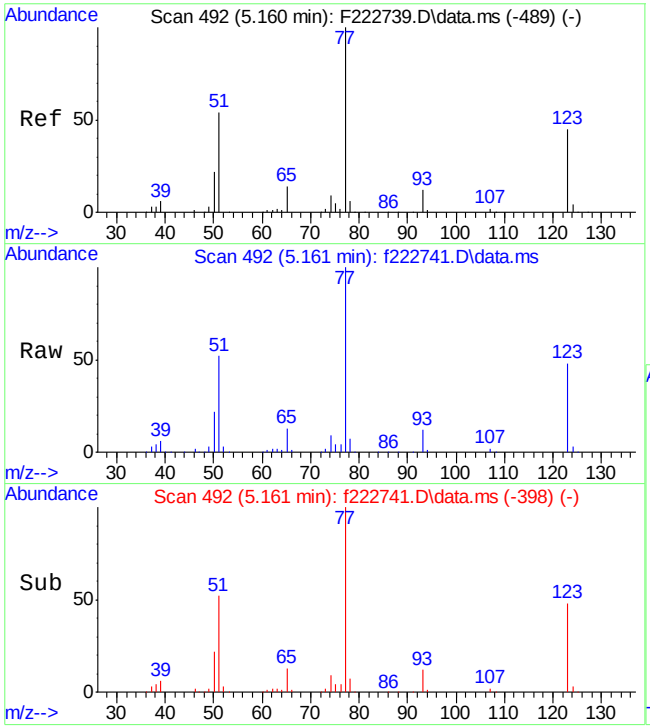


#23
Hexachloroethane
Concen: 53.67 ppm
RT: 5.118 min Scan# 484
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:201 Resp: 39794

Ion	Ratio	Lower	Upper
201	100		
117	100.3	70.8	130.8
199	65.9	32.9	92.9

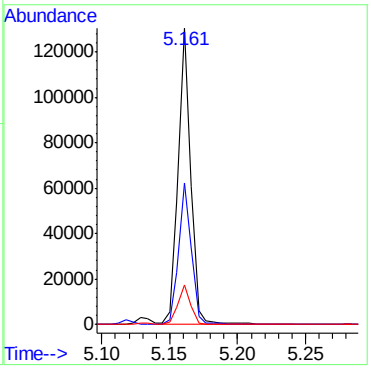


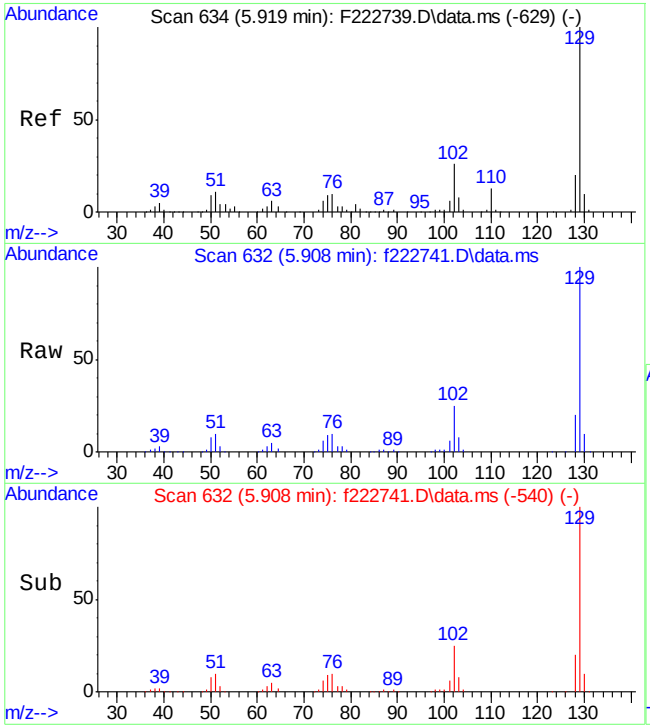


#26
Nitrobenzene
Concen: 54.97 ppm
RT: 5.161 min Scan# 492
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion: 77 Resp: 84167

Ion	Ratio	Lower	Upper
77	100		
123	48.0	14.9	74.9
65	13.3	0.0	44.3

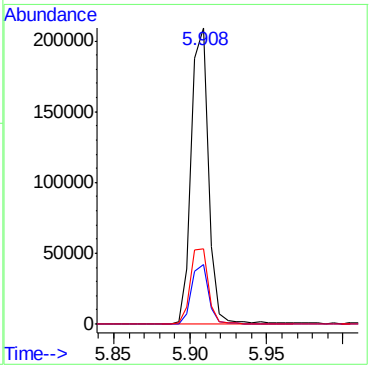


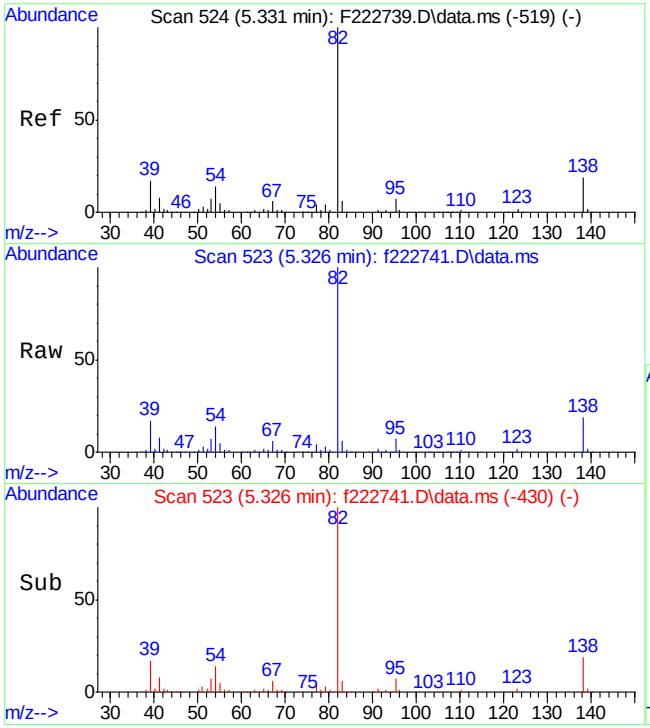


#27
Quinoline
Concen: 52.66 ppm
RT: 5.908 min Scan# 632
Delta R.T. -0.010 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:129 Resp: 164241

Ion	Ratio	Lower	Upper
129	100		
128	20.0	0.0	49.8
102	25.5	0.0	55.7

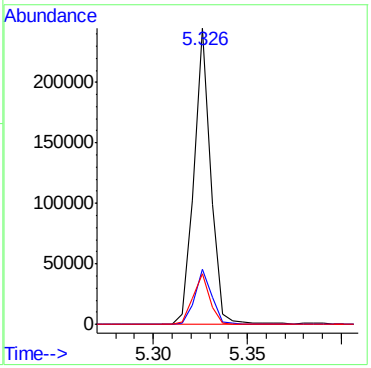


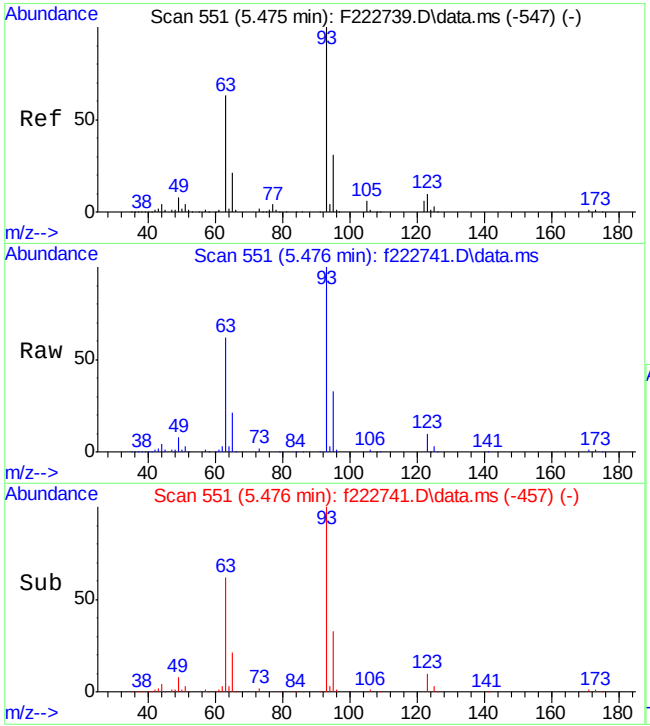


#28
Isophorone
Concen: 54.11 ppm
RT: 5.326 min Scan# 523
Delta R.T. -0.005 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion: 82 Resp: 151400

Ion	Ratio	Lower	Upper
82	100		
138	18.6	0.0	48.7
39	17.2	0.0	46.7

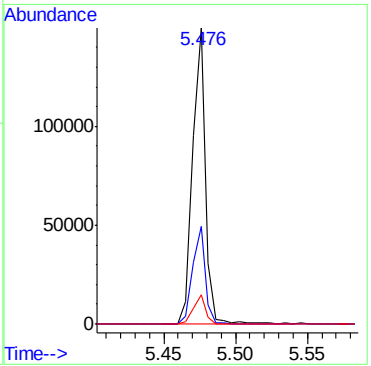


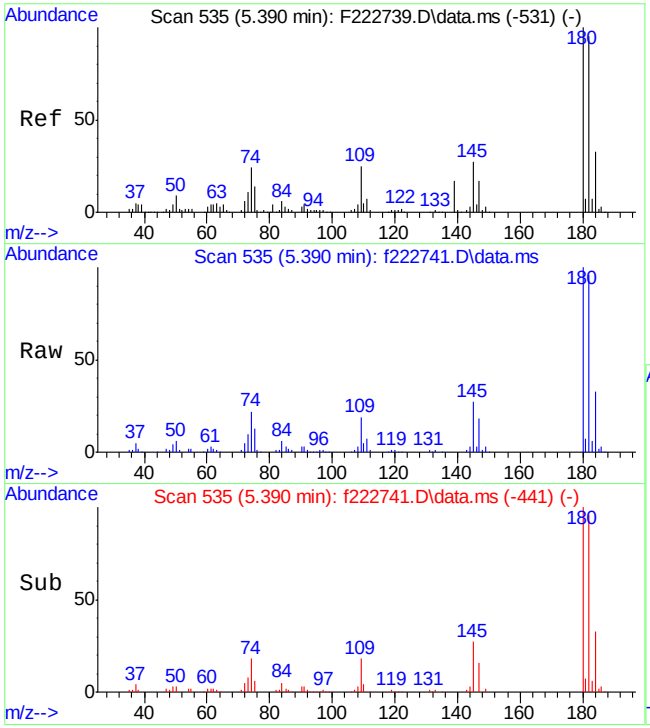


#32
bis(2-Chloroethoxy)methane
Concen: 52.18 ppm
RT: 5.476 min Scan# 551
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion: 93 Resp: 95216

Ion	Ratio	Lower	Upper
93	100		
95	33.1	1.4	61.4
123	10.0	0.0	40.0

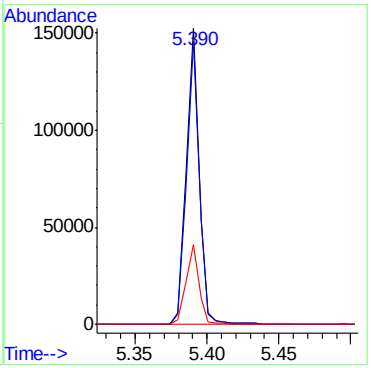


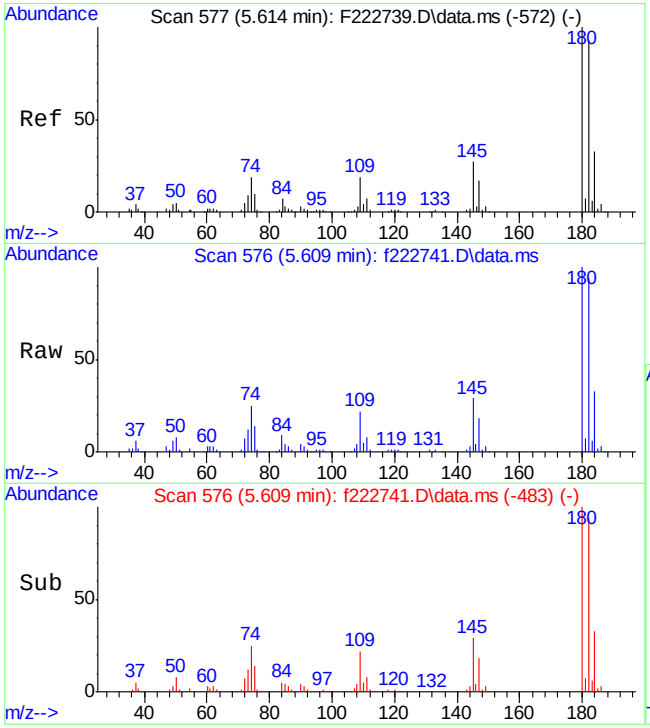


#35
1,3,5-Trichlorobenzene
Concen: 53.53 ppm
RT: 5.390 min Scan# 535
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:180 Resp: 95182

Ion	Ratio	Lower	Upper
180	100		
182	95.5	65.3	125.3
145	26.8	0.0	57.4

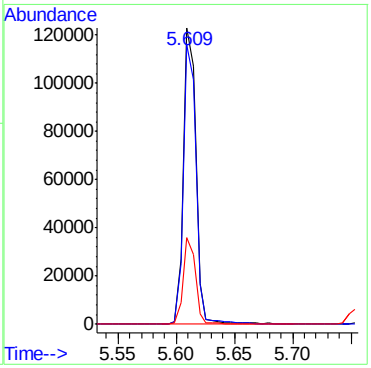


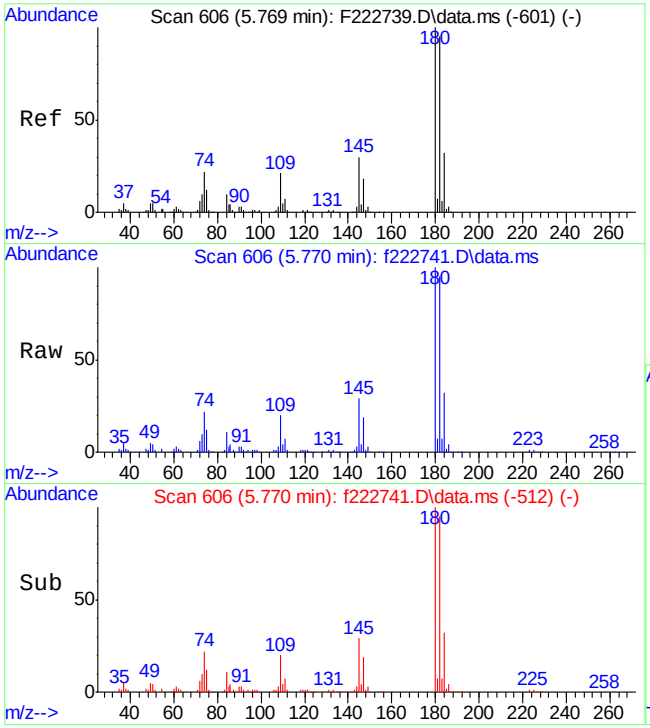


#36
1,2,4-Trichlorobenzene
Concen: 55.06 ppm
RT: 5.609 min Scan# 576
Delta R.T. -0.005 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:180 Resp: 91085

Ion	Ratio	Lower	Upper
180	100		
182	94.3	63.3	123.3
145	29.0	0.0	56.9

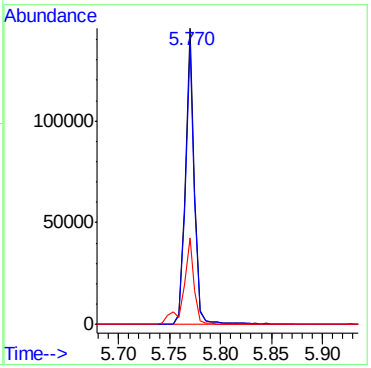


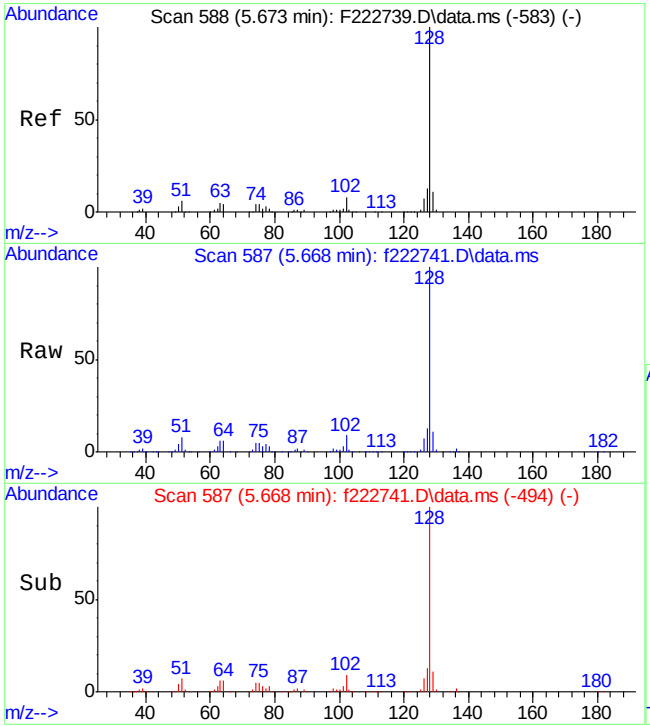


#37
1,2,3-Trichlorobenzene
Concen: 55.11 ppm
RT: 5.770 min Scan# 606
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:180 Resp: 92801

Ion	Ratio	Lower	Upper
180	100		
182	94.5	64.7	124.7
145	28.9	0.0	59.8

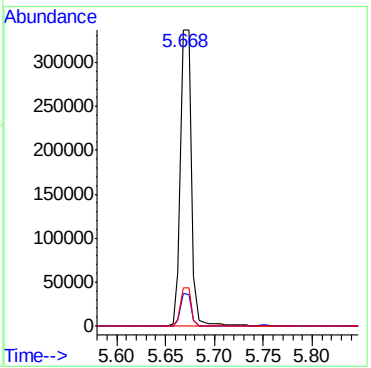


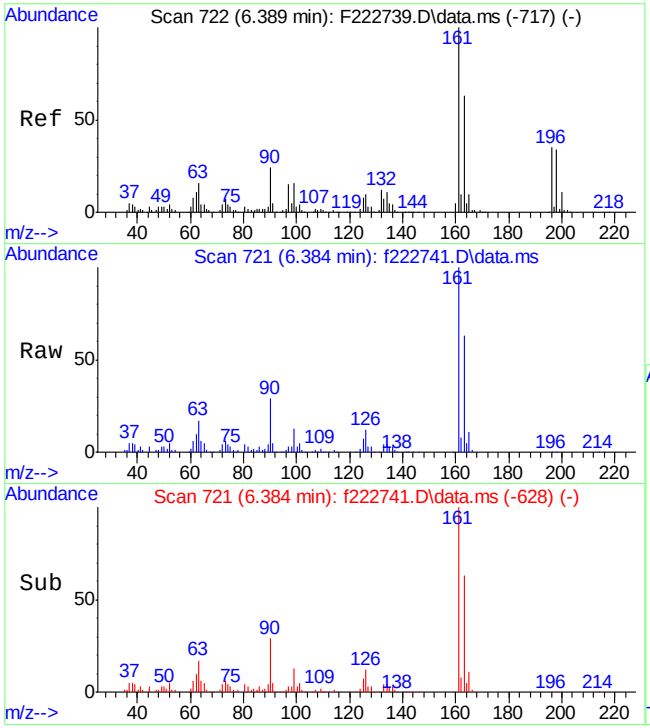


#38
Naphthalene
Concen: 54.64 ppm
RT: 5.668 min Scan# 587
Delta R.T. -0.005 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:128 Resp: 263639

Ion	Ratio	Lower	Upper
128	100		
129	11.1	0.0	40.5
127	12.8	0.0	42.8

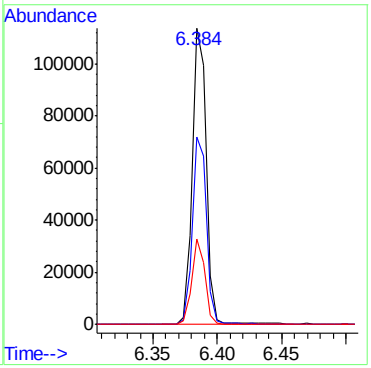


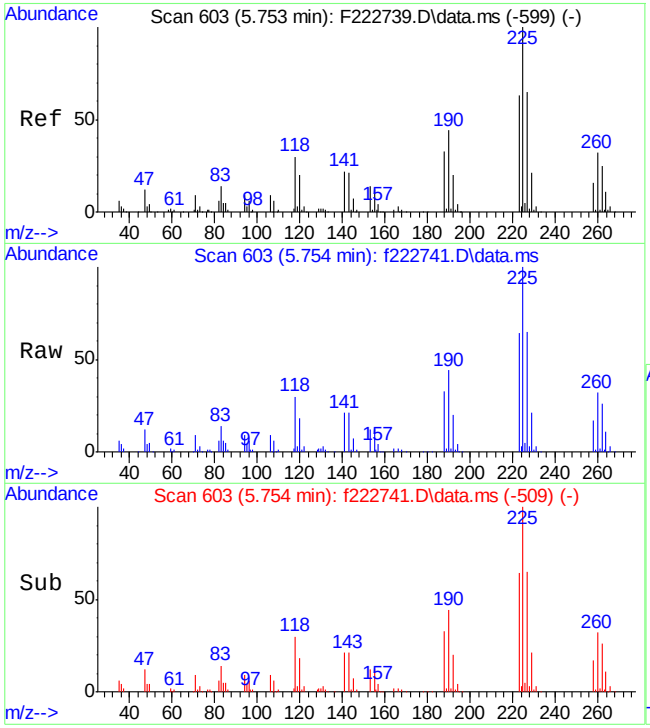


#40
2,3-Dichloroaniline
Concen: 53.10 ppm
RT: 6.384 min Scan# 721
Delta R.T. -0.005 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:161 Resp: 88099

Ion	Ratio	Lower	Upper
161	100		
163	63.4	32.9	92.9
90	29.0	0.0	54.3

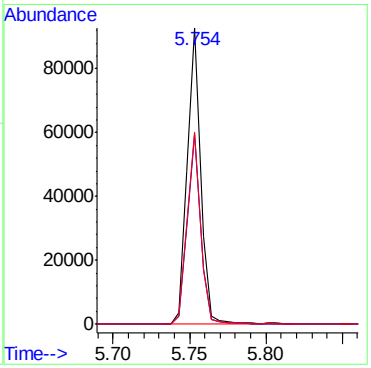


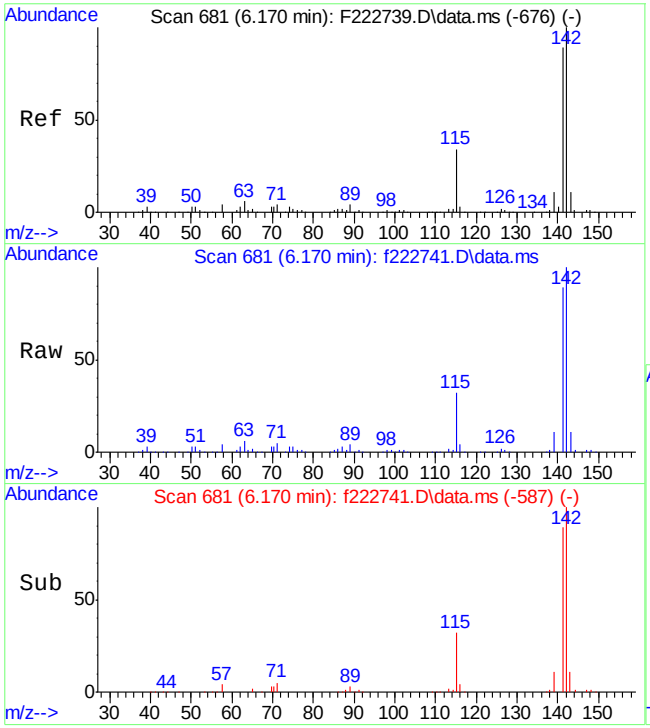


#42
Hexachlorobutadiene
Concen: 53.81 ppm
RT: 5.754 min Scan# 603
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:225 Resp: 57047

Ion	Ratio	Lower	Upper
225	100		
223	64.0	33.1	93.1
227	64.9	35.0	95.0

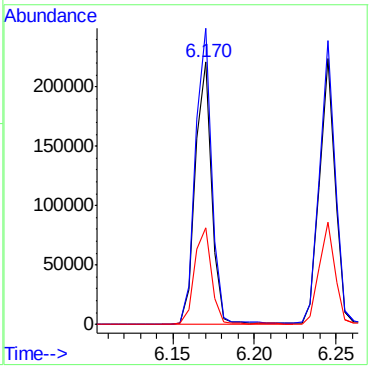


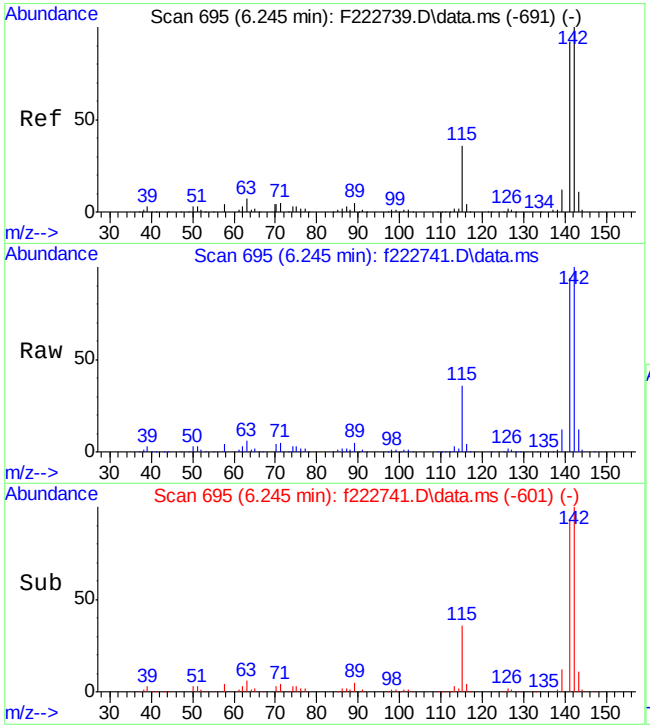


#44
2-Methylnaphthalene
Concen: 53.48 ppm
RT: 6.170 min Scan# 681
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:141 Resp: 155273

Ion	Ratio	Lower	Upper
141	100		
142	112.8	82.0	142.0
115	36.6	8.2	68.2

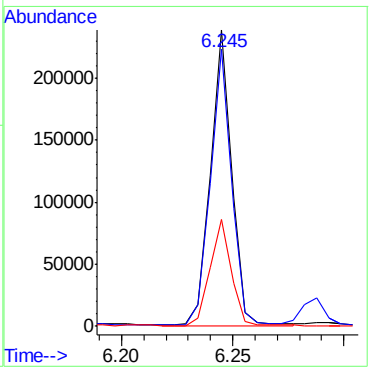


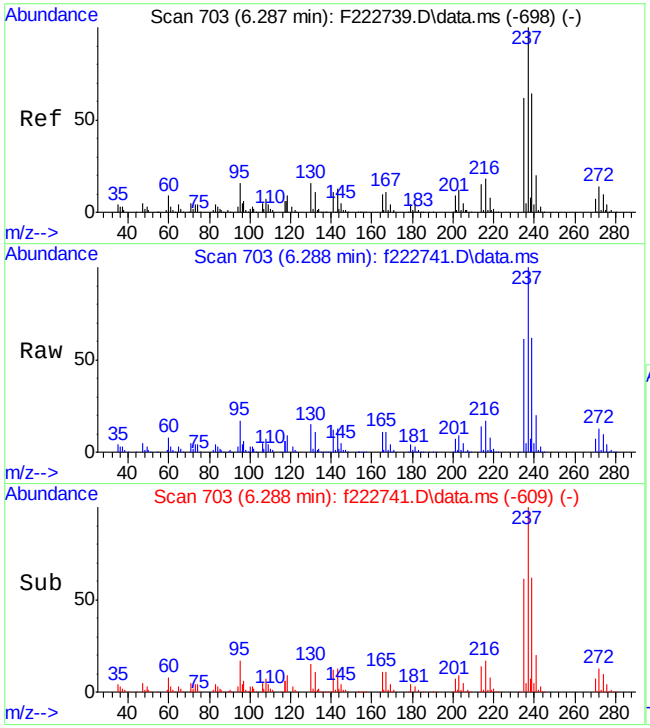


#45
1-Methylnaphthalene
Concen: 53.32 ppm
RT: 6.245 min Scan# 695
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:142 Resp: 161566

Ion	Ratio	Lower	Upper
142	100		
141	93.1	61.5	121.5
115	36.2	5.8	65.8

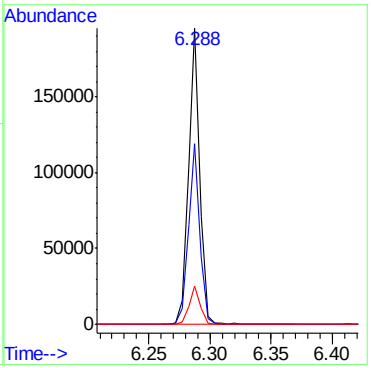


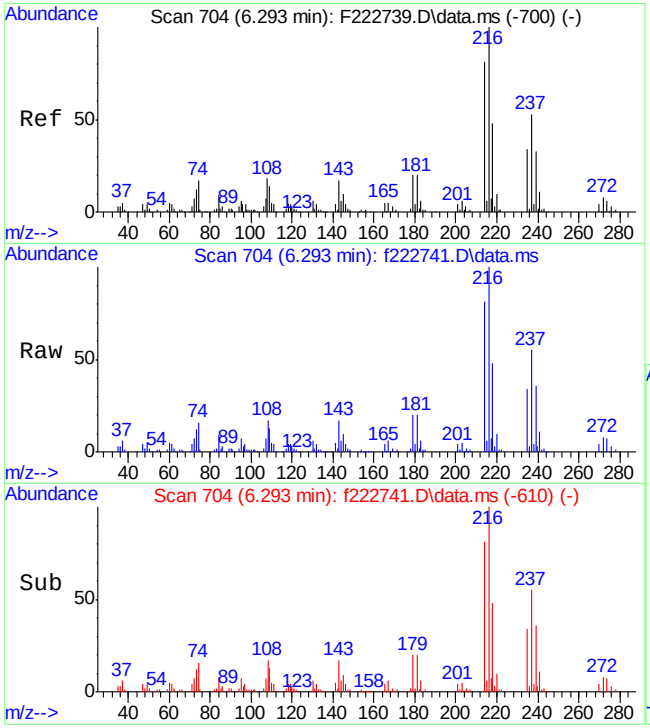


#47
Hexachlorocyclopentadiene
Concen: 120.18 ppm
RT: 6.288 min Scan# 703
Delta R.T. 0.001 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:237 Resp: 127357

Ion	Ratio	Lower	Upper
237	100		
235	61.1	32.2	92.2
272	12.8	0.0	43.6

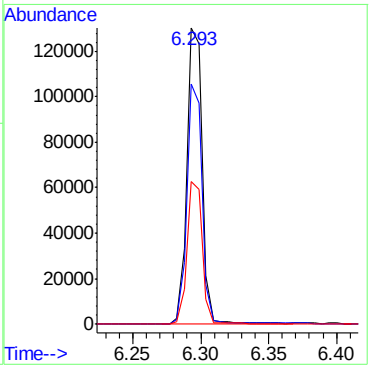


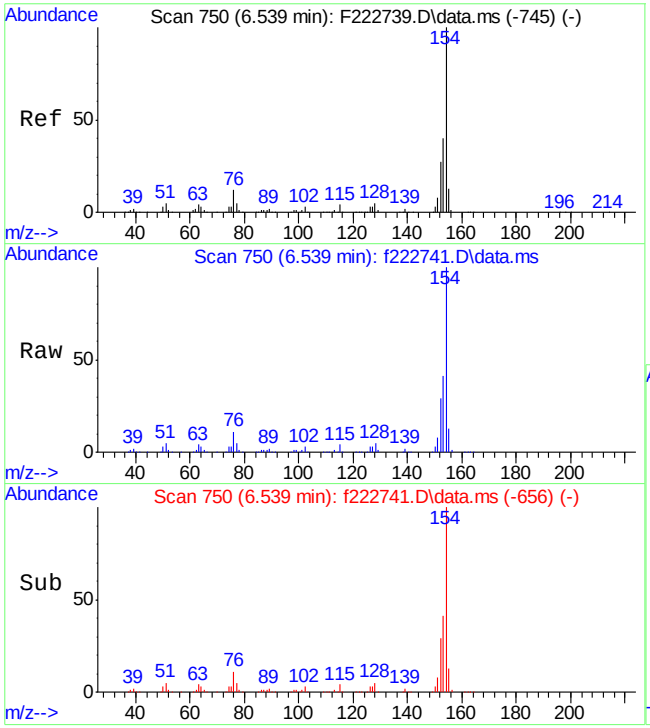


#48
1,2,4,5-tetrachlorobenzene
Concen: 56.08 ppm
RT: 6.293 min Scan# 704
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:216 Resp: 102022

Ion	Ratio	Lower	Upper
216	100		
214	79.7	55.4	103.0
218	47.9	33.4	62.0

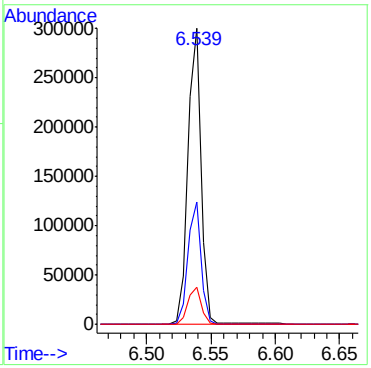


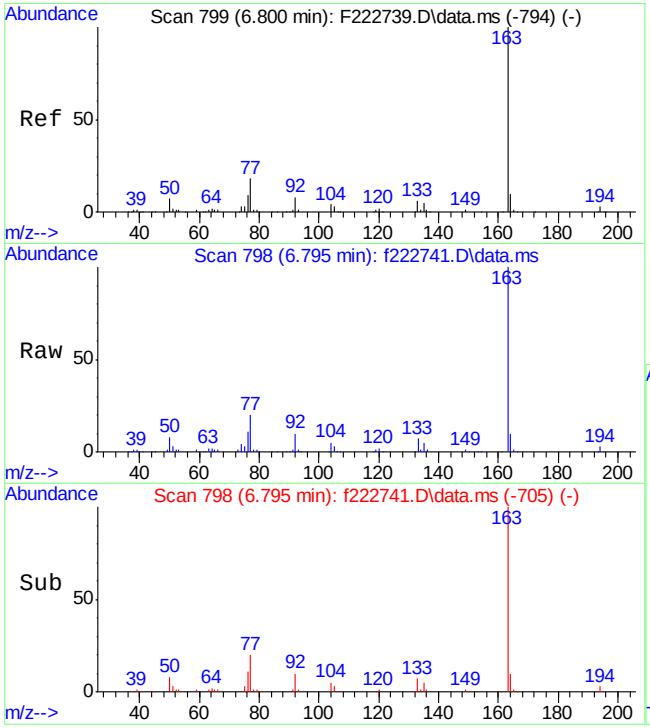


#53
Biphenyl
Concen: 52.26 ppm
RT: 6.539 min Scan# 750
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:154 Resp: 219465

Ion	Ratio	Lower	Upper
154	100		
153	41.3	9.8	69.8
155	12.7	0.0	42.7

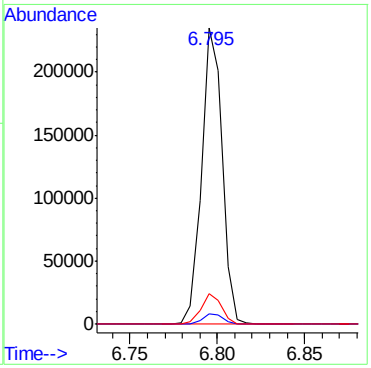


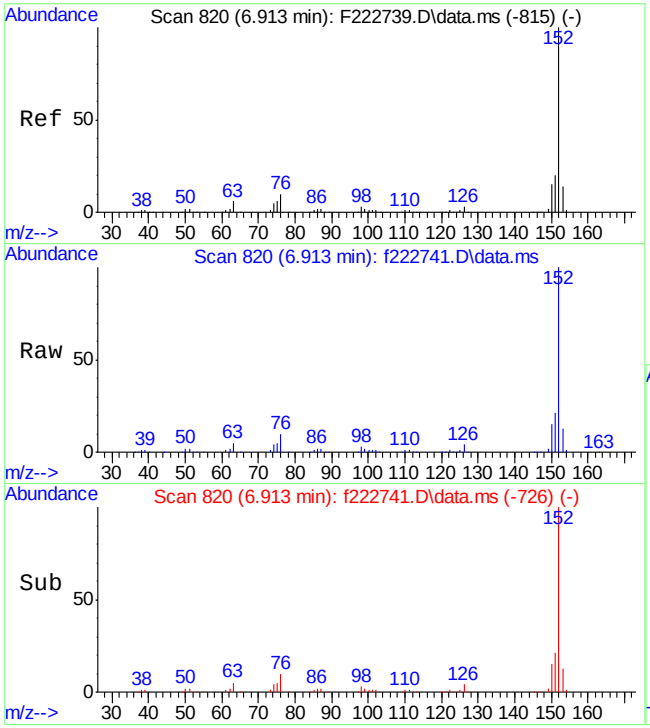


#55
Dimethylphthalate
Concen: 53.62 ppm
RT: 6.795 min Scan# 798
Delta R.T. -0.005 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:163 Resp: 192389

Ion	Ratio	Lower	Upper
163	100		
194	3.5	0.0	33.4
164	10.3	0.0	40.3

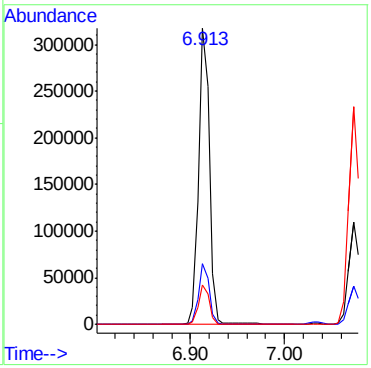


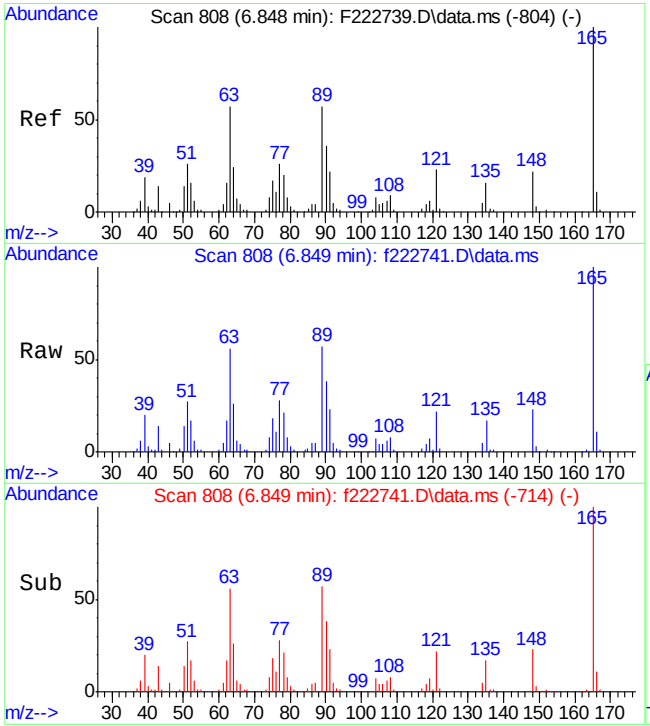


#56
Acenaphthylene
Concen: 56.38 ppm
RT: 6.913 min Scan# 820
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:152 Resp: 255122

Ion	Ratio	Lower	Upper
152	100		
151	20.6	0.0	49.9
153	13.3	0.0	43.5

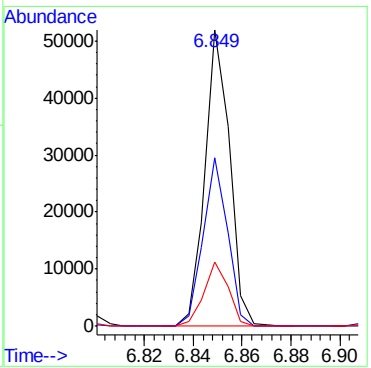


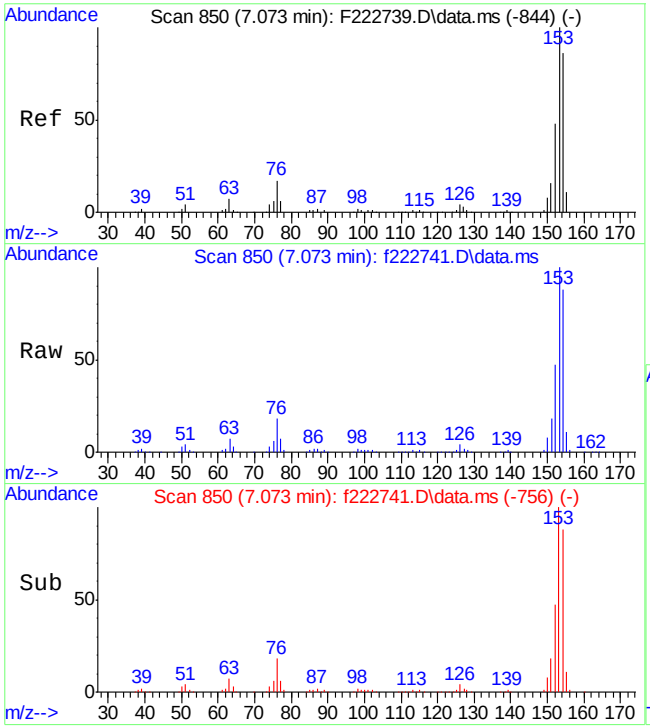


#57
2,6-Dinitrotoluene
Concen: 52.61 ppm
RT: 6.849 min Scan# 808
Delta R.T. 0.001 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:165 Resp: 36324

Ion	Ratio	Lower	Upper
165	100		
89	57.0	27.1	87.1
121	21.5	0.0	52.5

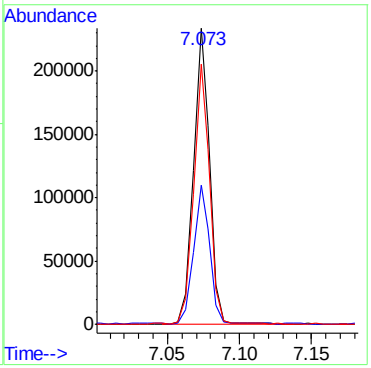


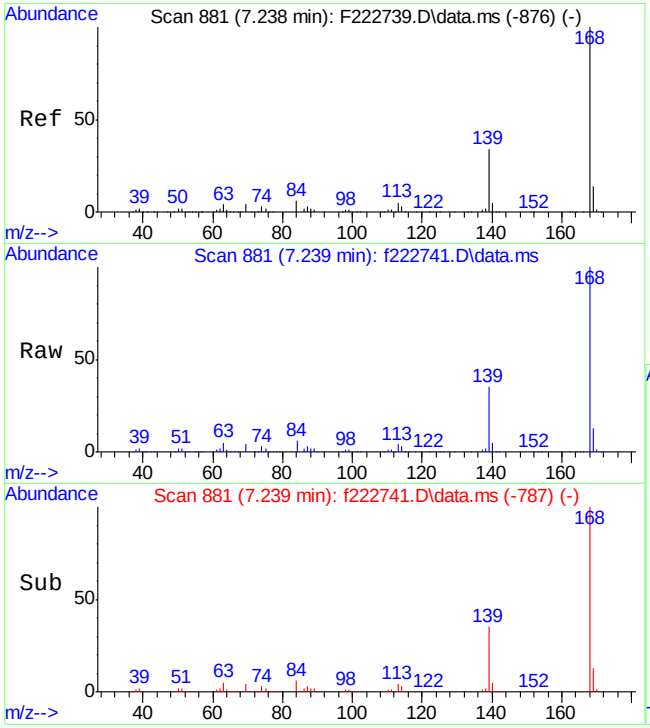


#59
Acenaphthene
Concen: 53.06 ppm
RT: 7.073 min Scan# 850
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:153 Resp: 185041

Ion	Ratio	Lower	Upper
153	100		
152	46.8	17.5	77.5
154	87.8	49.9	109.9

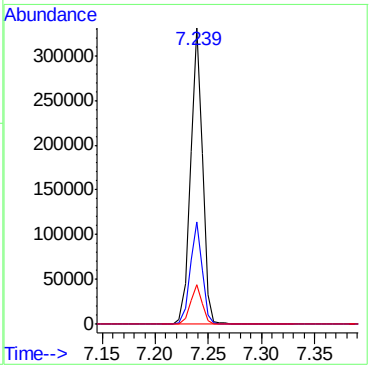


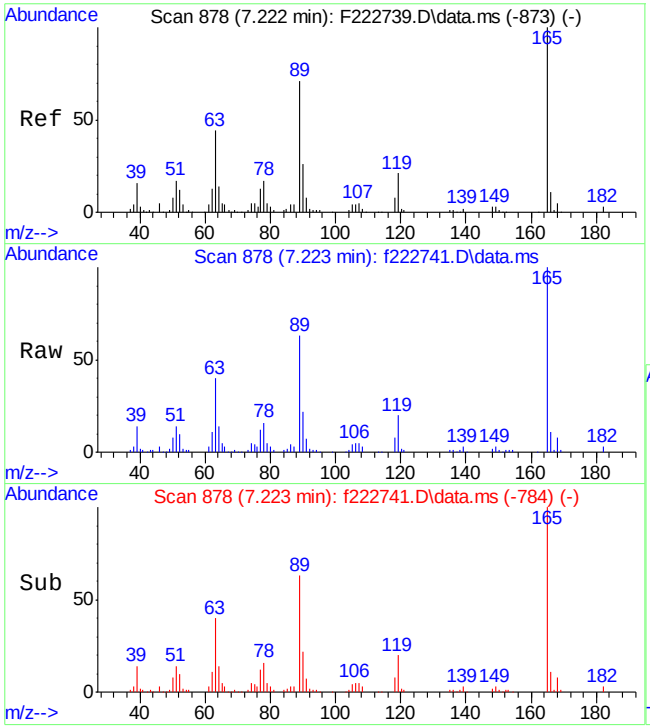


#62
Dibenzofuran
Concen: 53.50 ppm
RT: 7.239 min Scan# 881
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:168 Resp: 258914

Ion	Ratio	Lower	Upper
168	100		
139	34.6	4.3	64.3
169	13.1	0.0	43.5

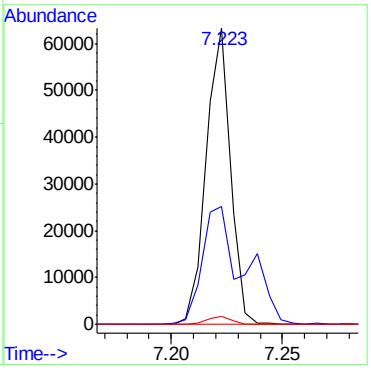


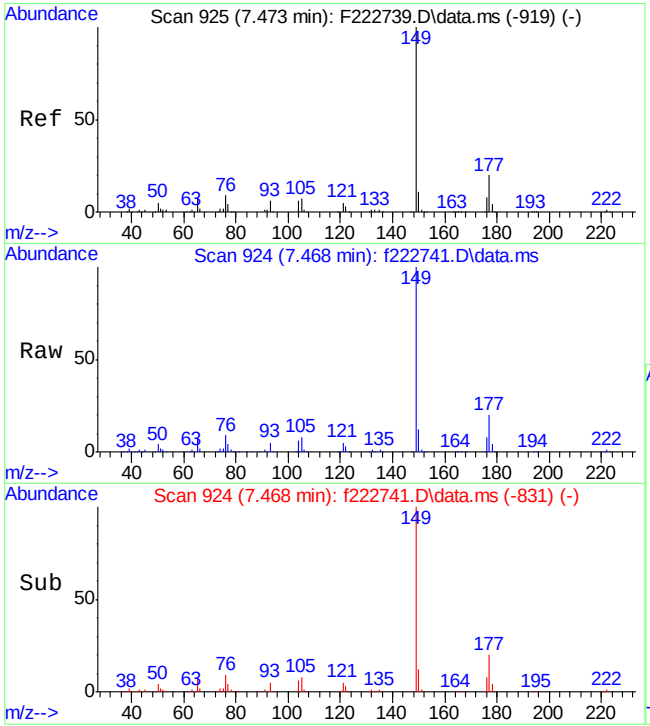


#63
2,4-Dinitrotoluene
Concen: 50.35 ppm
RT: 7.223 min Scan# 878
Delta R.T. 0.001 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:165 Resp: 48355

Ion	Ratio	Lower	Upper
165	100		
63	39.8	13.5	73.5
182	2.5	0.0	33.0

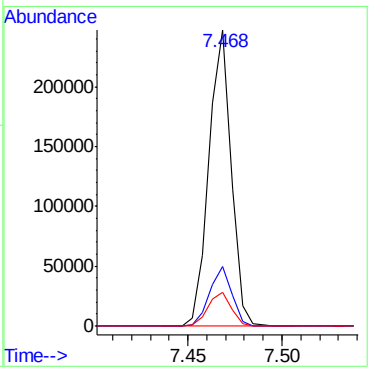


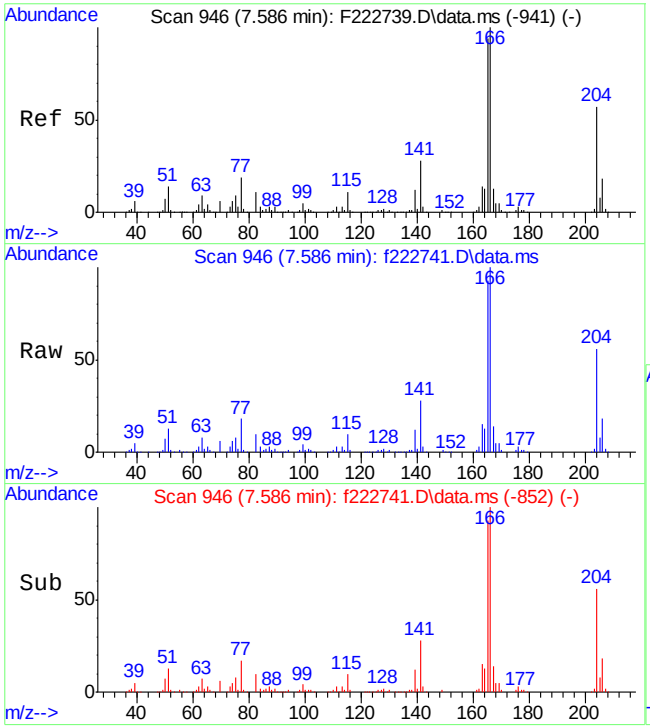


#65
Diethylphthalate
Concen: 53.98 ppm
RT: 7.468 min Scan# 924
Delta R.T. -0.005 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:149 Resp: 203543

Ion	Ratio	Lower	Upper
149	100		
177	20.2	0.0	50.0
150	11.6	0.0	41.3

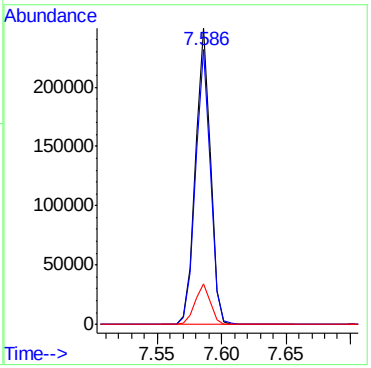


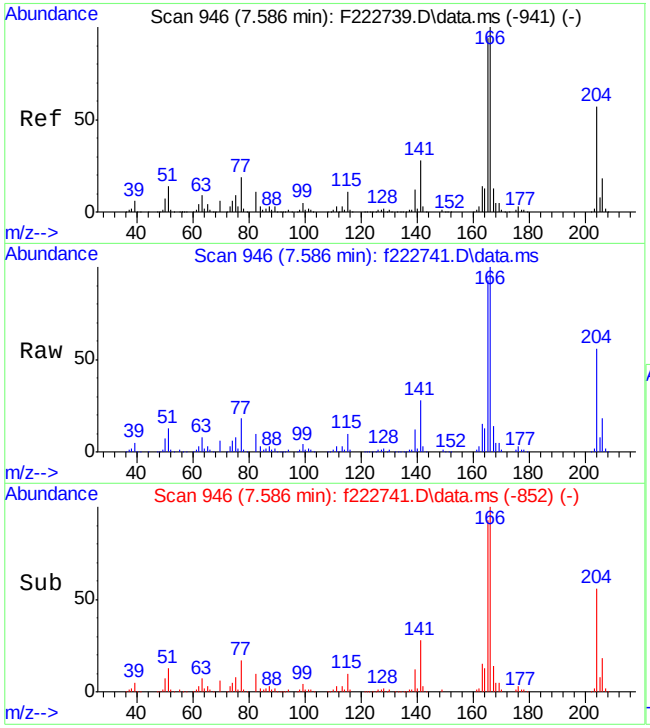


#66
Fluorene
Concen: 55.15 ppm
RT: 7.586 min Scan# 946
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:166 Resp: 206429

Ion	Ratio	Lower	Upper
166	100		
165	92.9	63.9	123.9
167	13.8	0.0	43.3

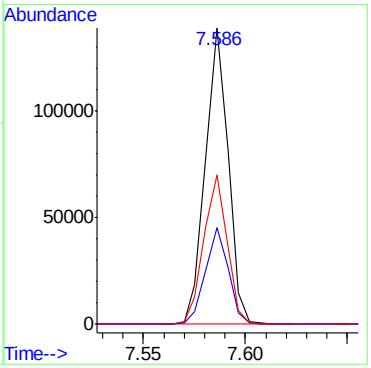


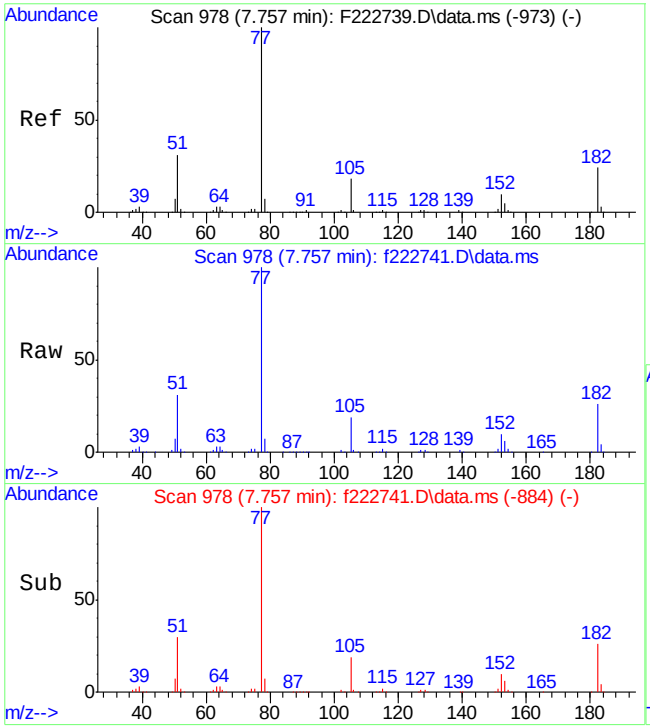


#67
4-Chlorophenyl-phenylether
Concen: 52.94 ppm
RT: 7.586 min Scan# 946
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:204 Resp: 107529

Ion	Ratio	Lower	Upper
204	100		
206	32.6	1.1	61.1
141	50.5	19.4	79.4

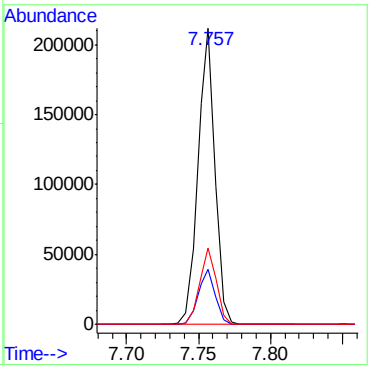


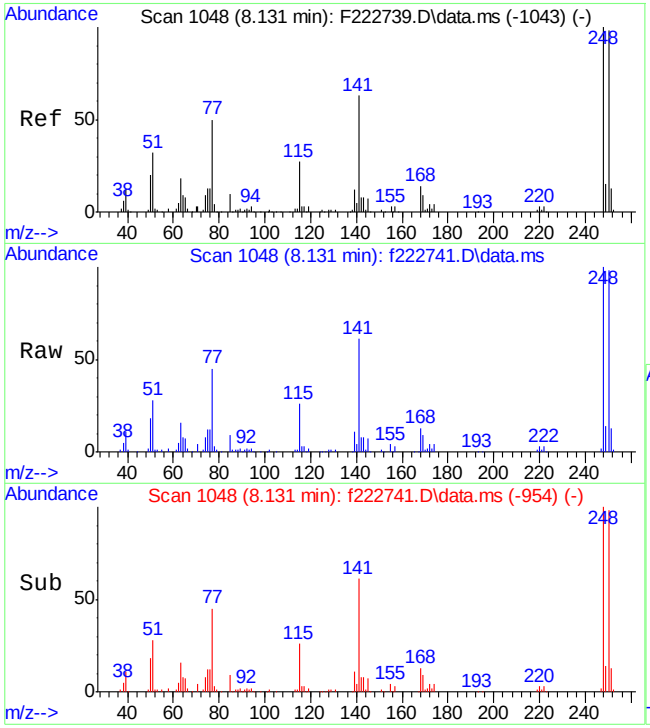


#72
1,2-Diphenylhydrazine
Concen: 51.55 ppm
RT: 7.757 min Scan# 978
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion: 77 Resp: 176905

Ion	Ratio	Lower	Upper
77	100		
105	18.6	0.0	48.0
182	25.9	0.0	54.0

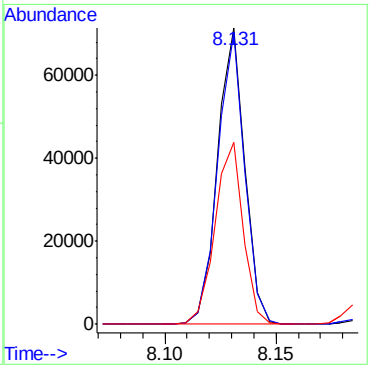


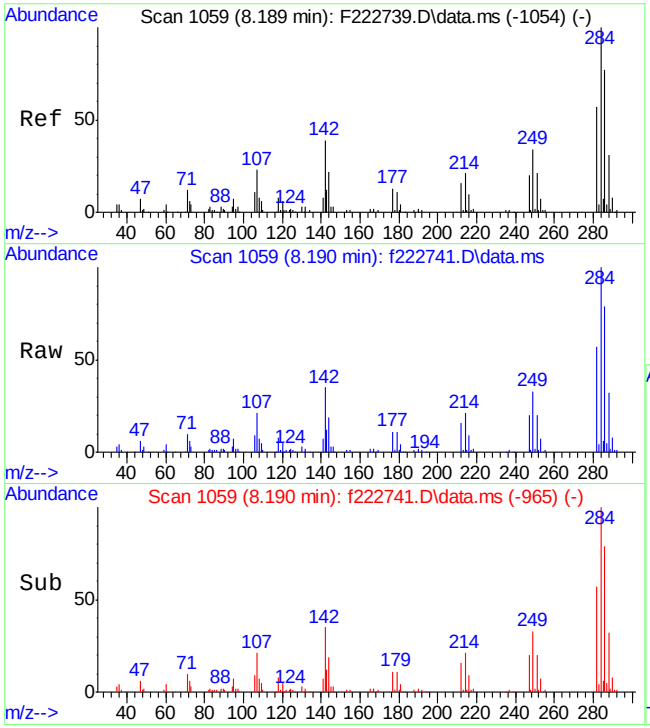


#74
4-Bromophenyl-phenylether
Concen: 51.59 ppm
RT: 8.131 min Scan# 1048
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:248 Resp: 60934

Ion	Ratio	Lower	Upper
248	100		
250	98.3	68.5	128.5
141	61.5	33.3	93.3

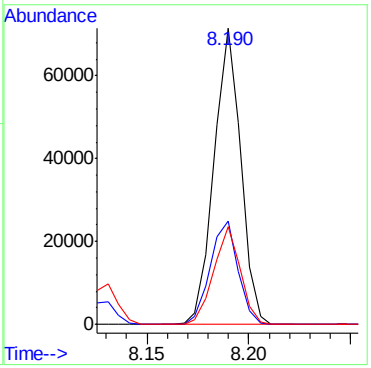


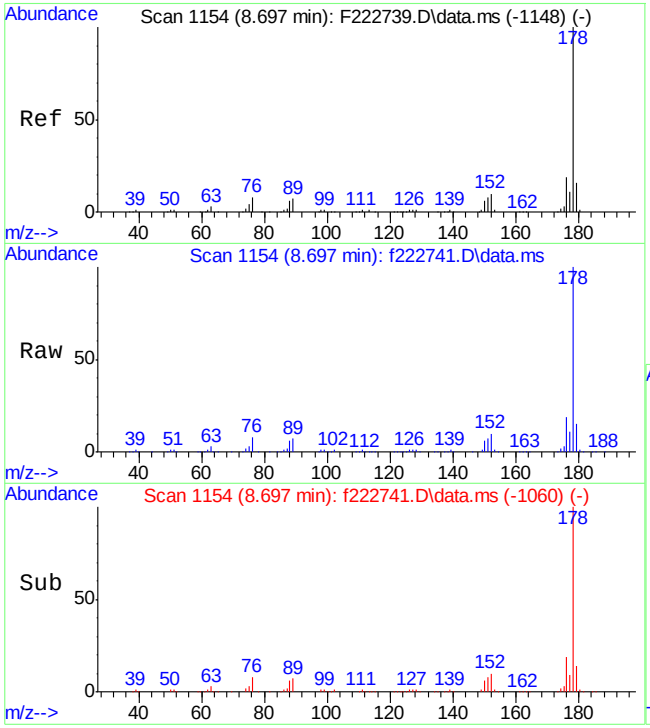


#75
Hexachlorobenzene
Concen: 51.63 ppm
RT: 8.190 min Scan# 1059
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:284 Resp: 65444

Ion	Ratio	Lower	Upper
284	100		
142	35.0	8.8	68.8
249	33.2	4.3	64.3

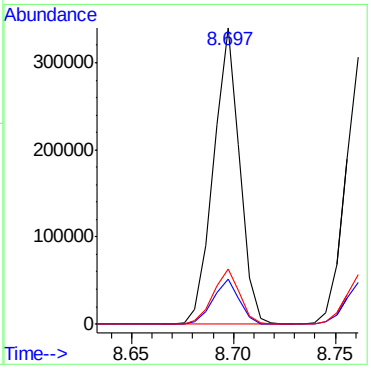


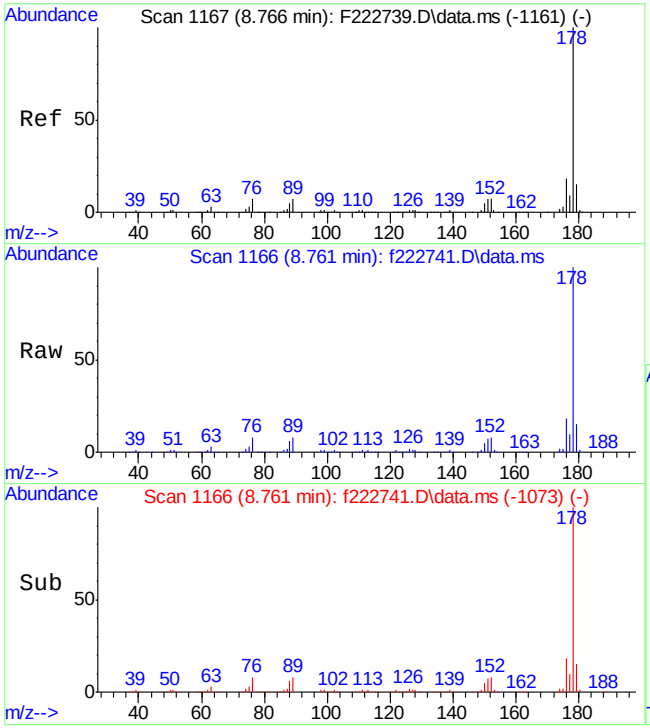


#77
Phenanthrene
Concen: 51.68 ppm
RT: 8.697 min Scan# 1154
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:178 Resp: 302953

Ion	Ratio	Lower	Upper
178	100		
179	15.0	0.0	45.6
176	18.6	0.0	49.0

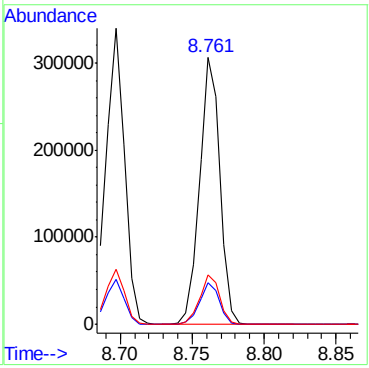


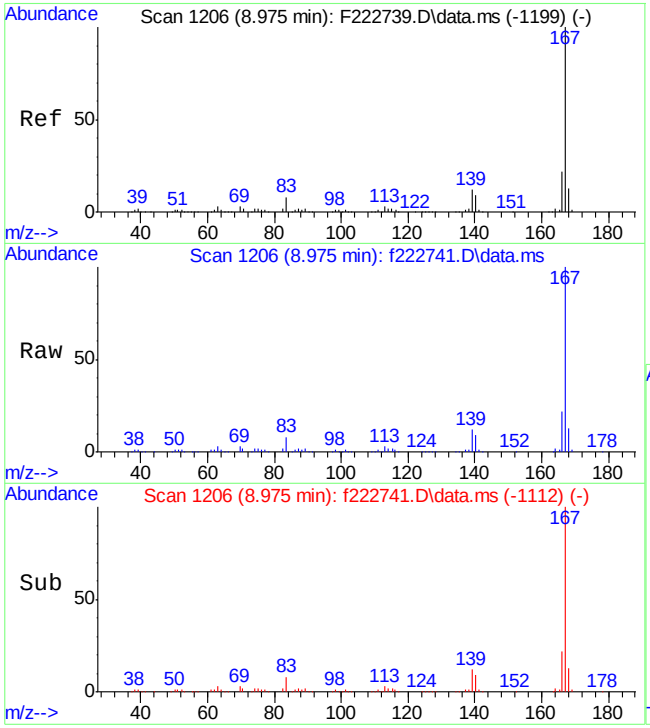


#78
Anthracene
Concen: 52.96 ppm
RT: 8.761 min Scan# 1166
Delta R.T. -0.005 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:178 Resp: 305229

Ion	Ratio	Lower	Upper
178	100		
179	15.4	0.0	45.1
176	18.4	0.0	48.4

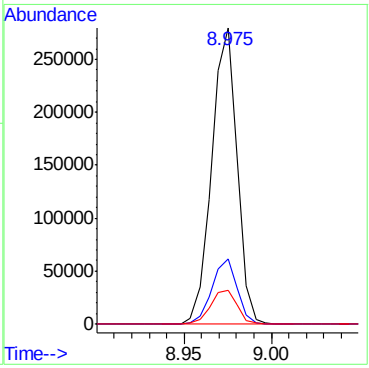


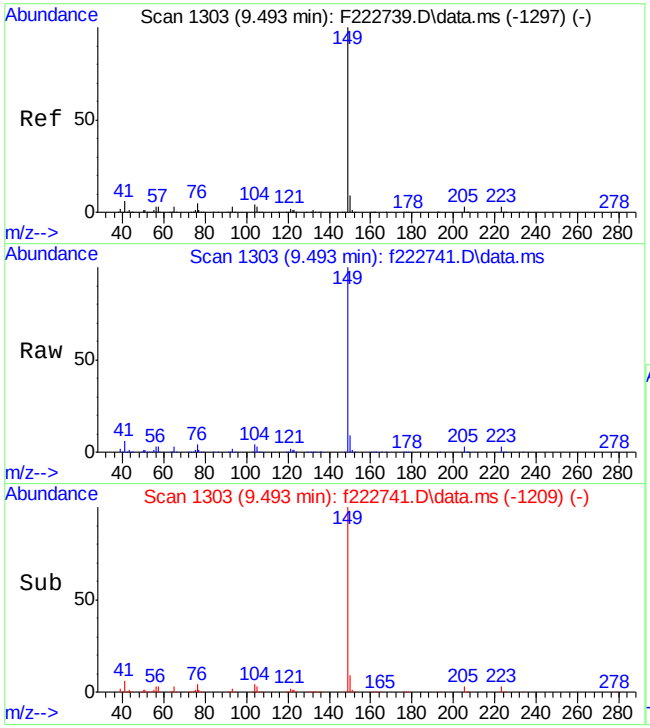


#79
Carbazole
Concen: 53.24 ppm
RT: 8.975 min Scan# 1206
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:167 Resp: 281241

Ion	Ratio	Lower	Upper
167	100		
166	21.9	0.0	51.7
139	11.5	0.0	41.9

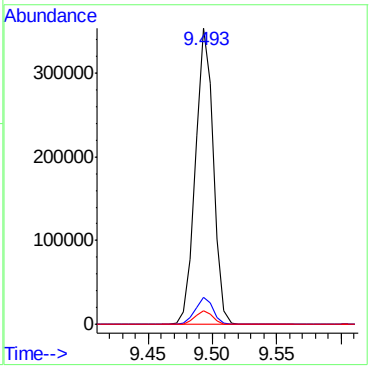


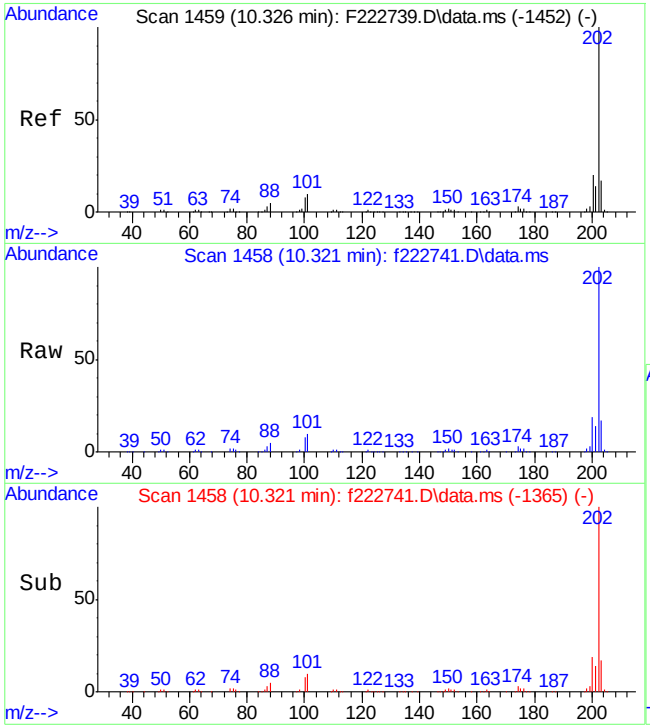


#80
Di-n-butylphthalate
Concen: 55.62 ppm
RT: 9.493 min Scan# 1303
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:149 Resp: 346892

Ion	Ratio	Lower	Upper
149	100		
150	9.3	0.0	39.1
104	4.4	0.0	34.4

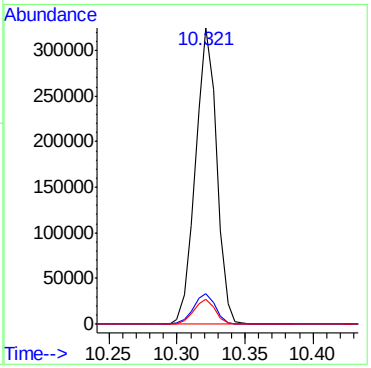


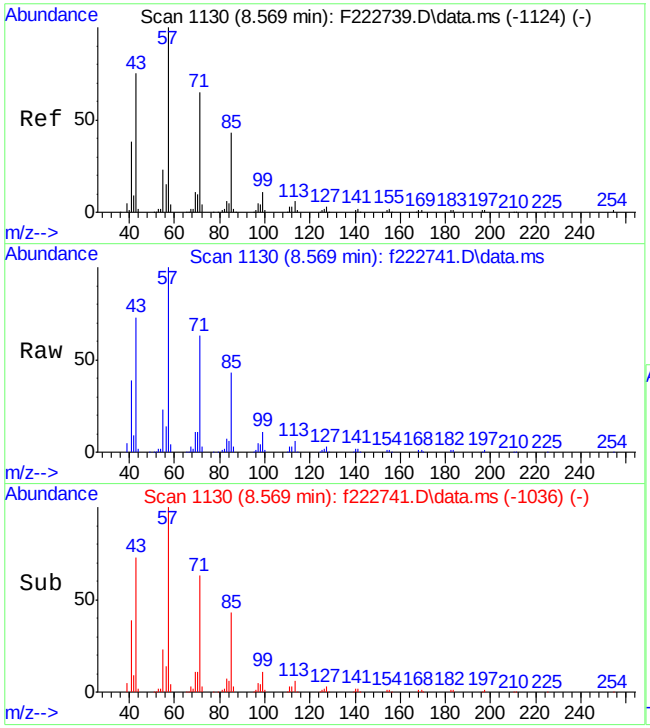


#81
Fluoranthene
Concen: 55.14 ppm
RT: 10.321 min Scan# 1458
Delta R.T. -0.005 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:202 Resp: 349570

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	39.8
100	8.3	0.0	37.7

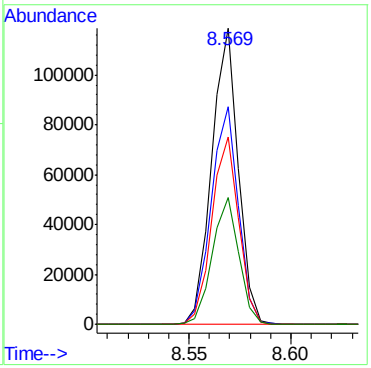


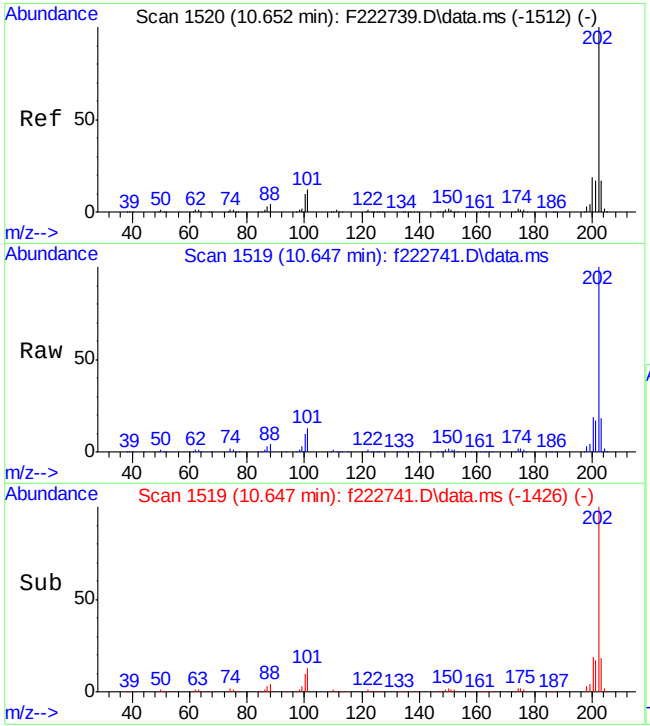


#82
Octadecane
Concen: 54.20 ppm
RT: 8.569 min Scan# 1130
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion: 57 Resp: 107352

Ion	Ratio	Lower	Upper
57	100		
43	73.3	44.5	104.5
71	63.4	35.4	95.4
85	42.8	12.7	72.7

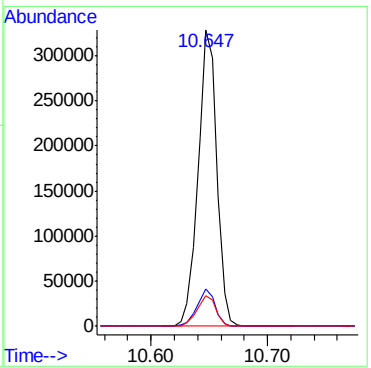


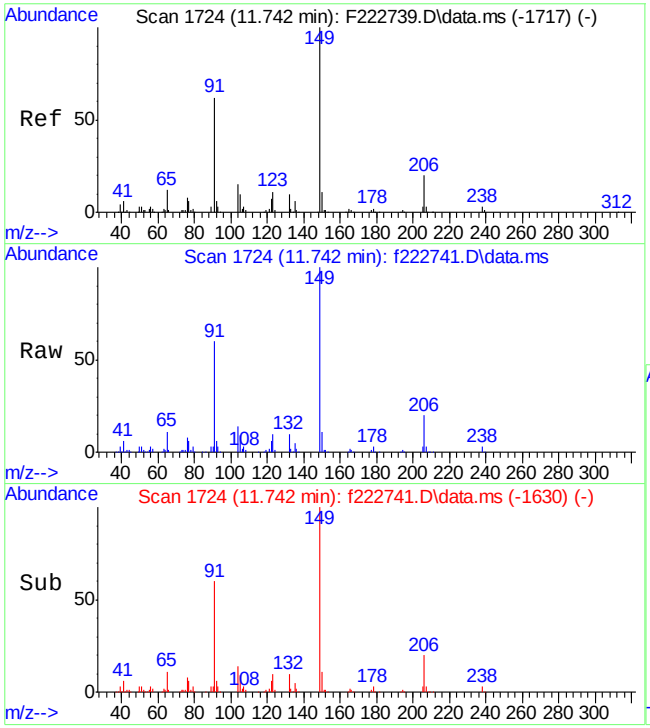


#85
Pyrene
Concen: 56.21 ppm
RT: 10.647 min Scan# 1519
Delta R.T. -0.005 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:202 Resp: 366230

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	41.9
100	10.4	0.0	39.8

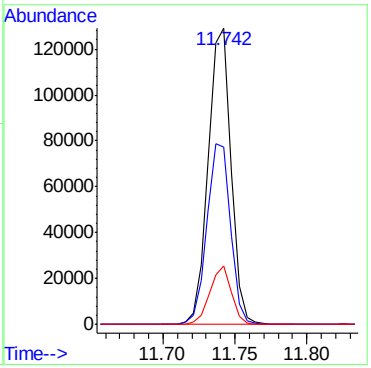


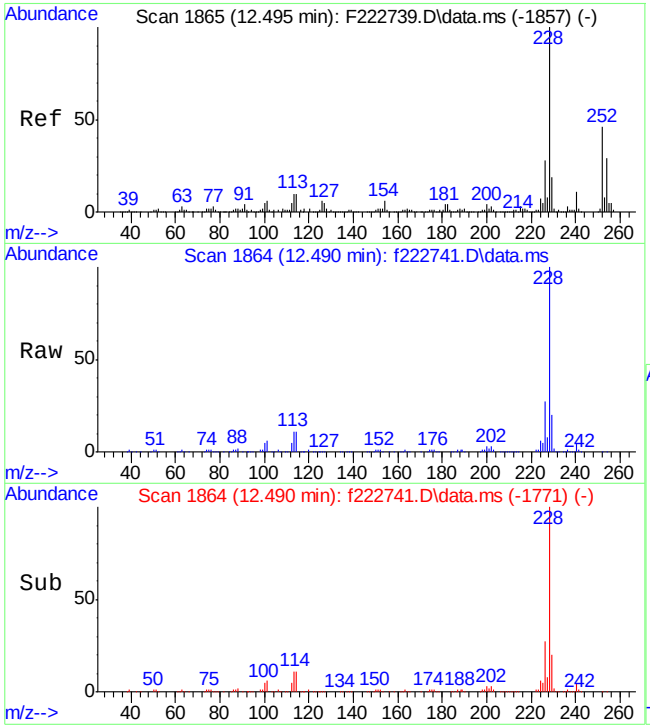


#87
Butylbenzylphthalate
Concen: 56.52 ppm
RT: 11.742 min Scan# 1724
Delta R.T. 0.001 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:149 Resp: 141618

Ion	Ratio	Lower	Upper
149	100		
91	59.9	31.6	91.6
206	19.6	0.0	49.8

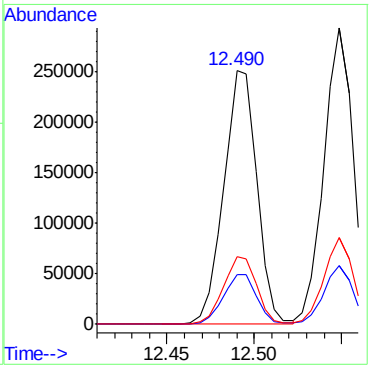


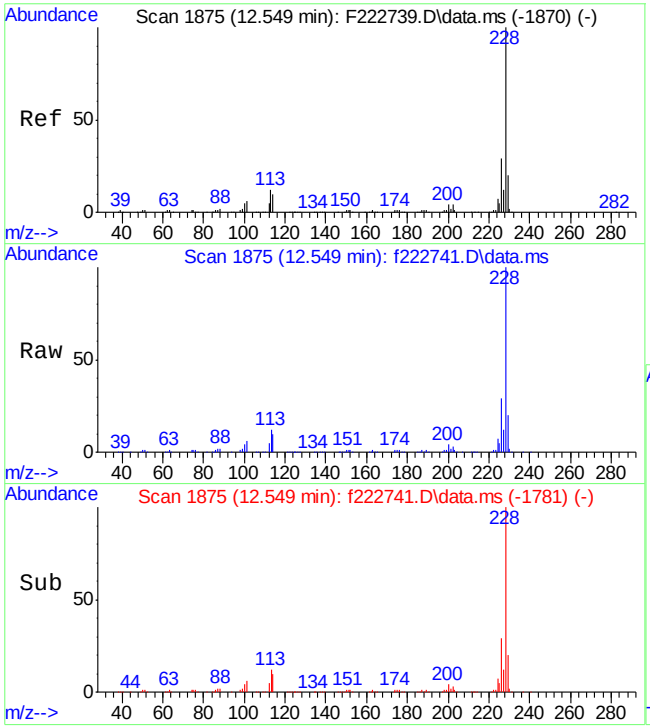


#88
Benzo[a]anthracene
Concen: 56.50 ppm
RT: 12.490 min Scan# 1864
Delta R.T. -0.005 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:228 Resp: 331062

Ion	Ratio	Lower	Upper
228	100		
229	19.6	0.0	49.1
226	26.7	0.0	57.6

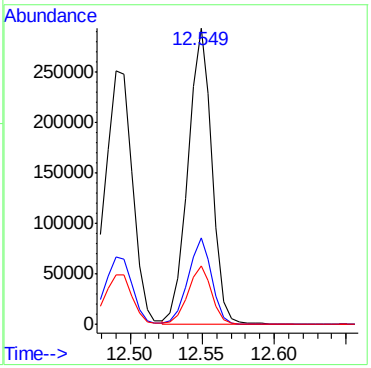


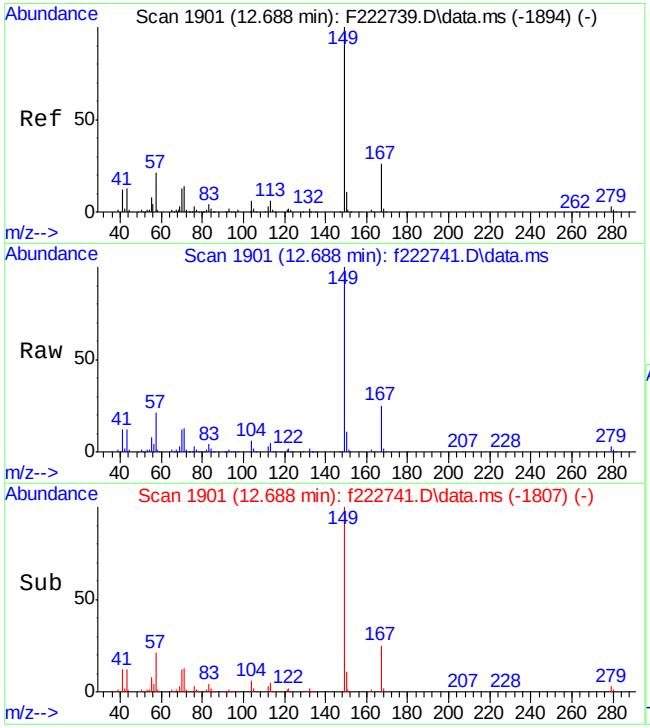


#90
Chrysene
Concen: 54.95 ppm
RT: 12.549 min Scan# 1875
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:228 Resp: 343045

Ion	Ratio	Lower	Upper
228	100		
226	29.4	0.0	58.9
229	19.6	0.0	49.6

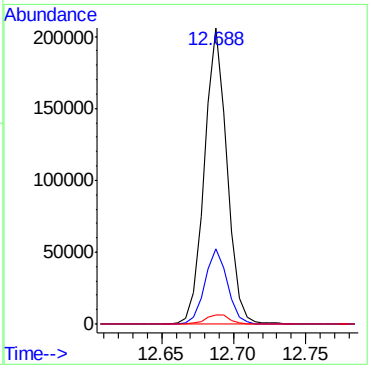


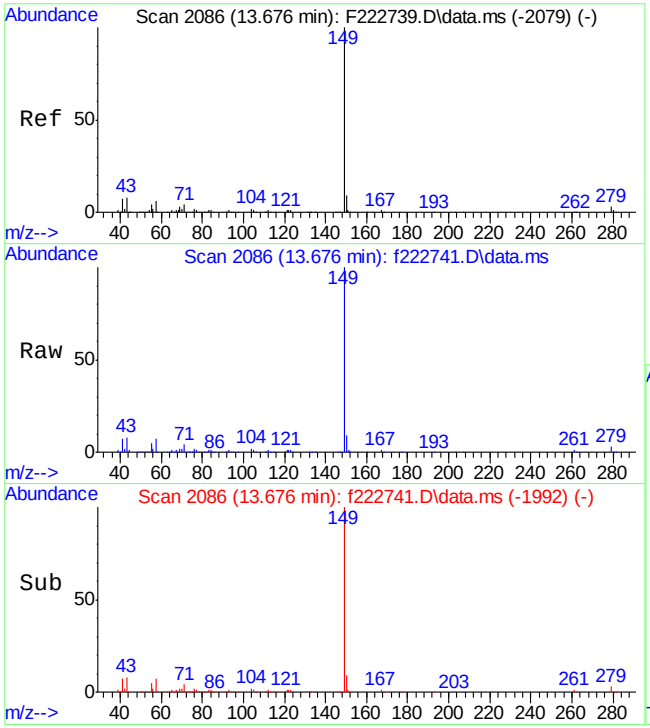


#91
bis(2-Ethylhexyl)phthalate
Concen: 56.20 ppm
RT: 12.688 min Scan# 1901
Delta R.T. 0.001 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:149 Resp: 224159

Ion	Ratio	Lower	Upper
149	100		
167	25.4	0.0	55.6
279	3.3	0.0	33.2

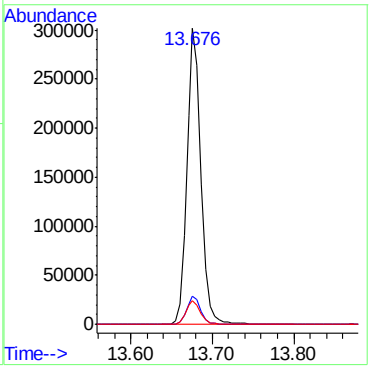


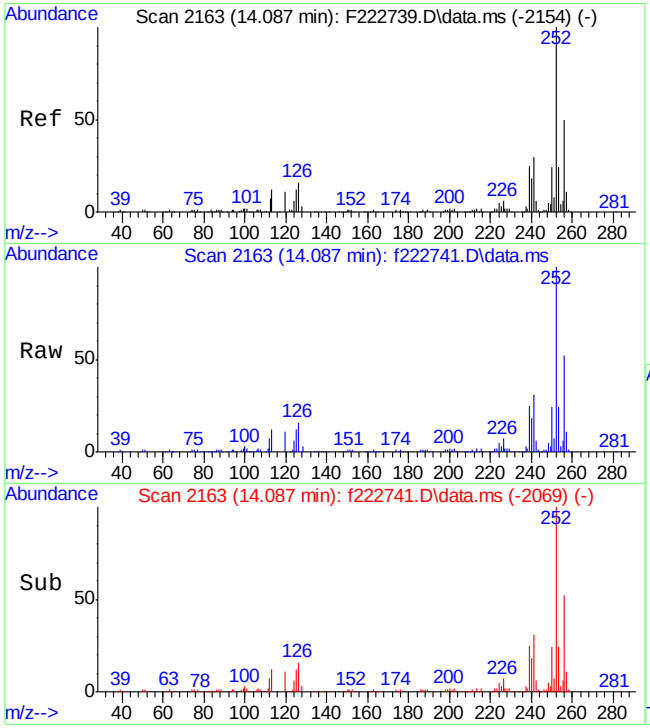


#93
Di-n-octylphthalate
Concen: 53.47 ppm
RT: 13.676 min Scan# 2086
Delta R.T. 0.001 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:149 Resp: 365122

Ion	Ratio	Lower	Upper
149	100		
150	9.5	0.0	39.4
43	8.1	0.0	38.5

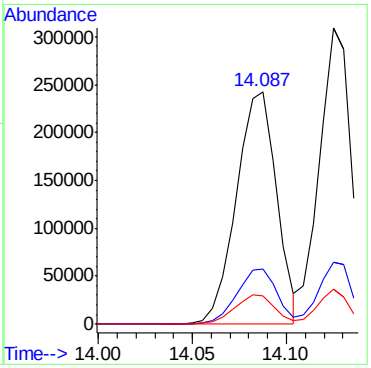


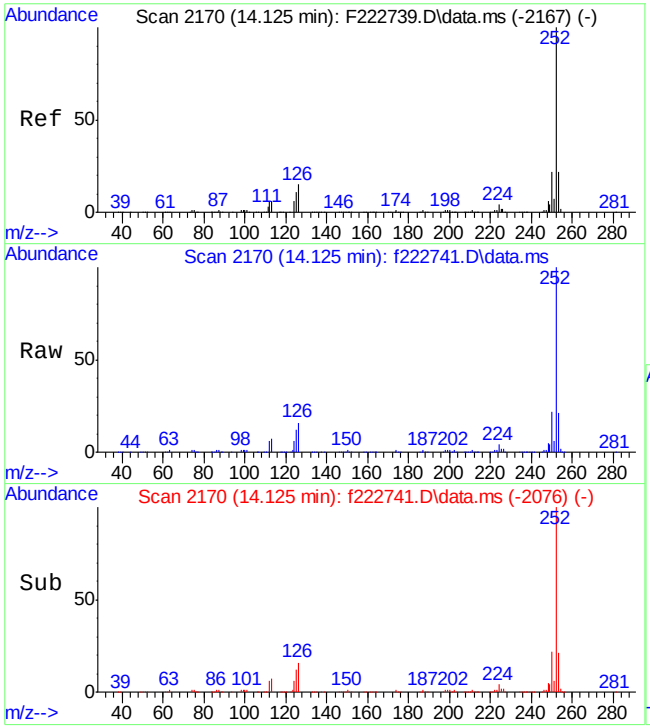


#94
Benzo[b]fluoranthene
Concen: 56.97 ppm
RT: 14.087 min Scan# 2163
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:252 Resp: 359539

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	53.7
125	12.2	0.0	42.3

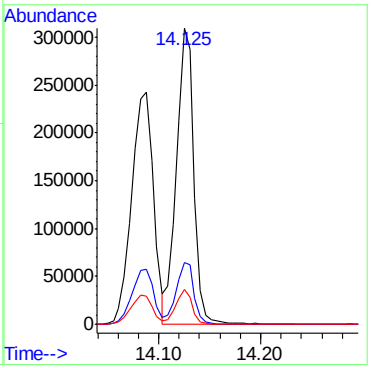


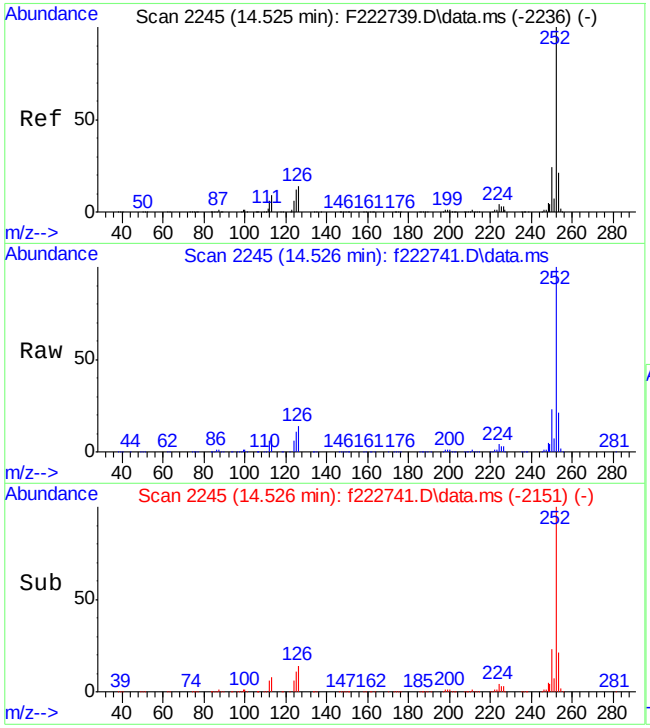


#95
Benzo[k]fluoranthene
Concen: 57.93 ppm
RT: 14.125 min Scan# 2170
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:252 Resp: 368892

Ion	Ratio	Lower	Upper
252	100		
253	20.6	0.0	52.2
125	11.6	0.0	41.3

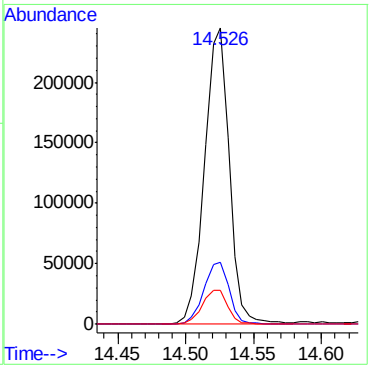


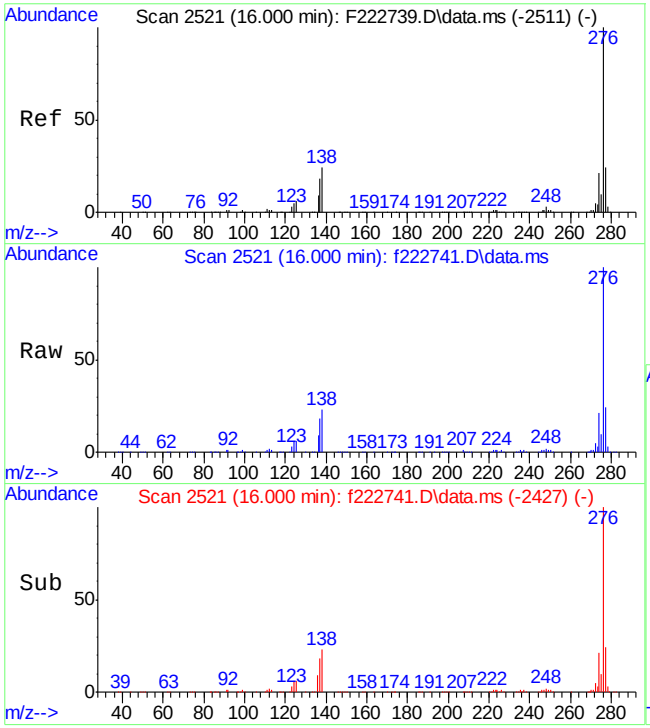


#96
Benzo[a]pyrene
Concen: 59.30 ppm
RT: 14.526 min Scan# 2245
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:252 Resp: 310000

Ion	Ratio	Lower	Upper
252	100		
253	21.0	0.0	50.6
125	11.4	0.0	41.7

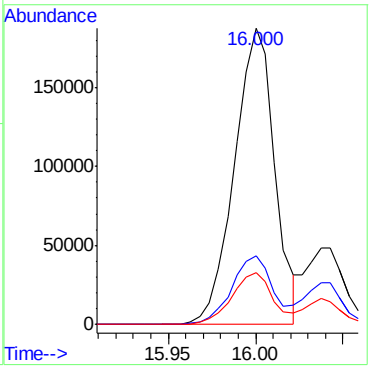


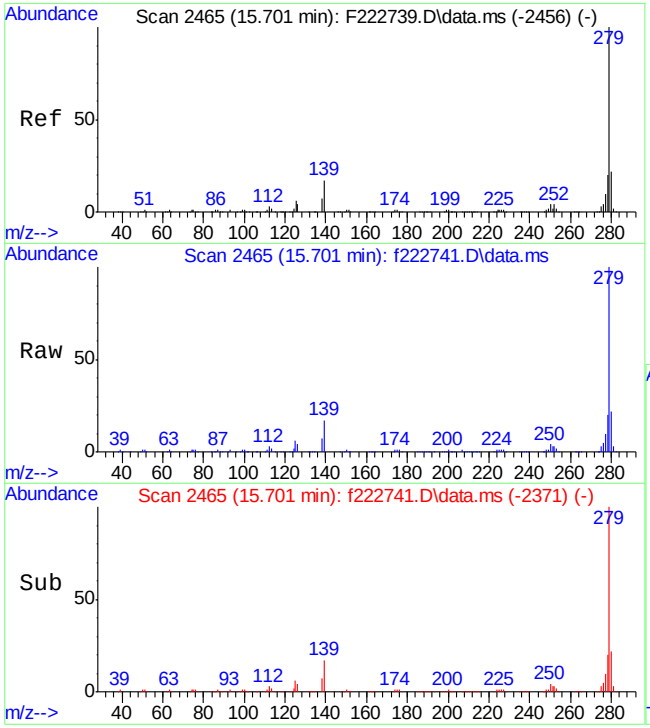


#97
Indeno[1,2,3-cd]pyrene
Concen: 49.95 ppm
RT: 16.000 min Scan# 2521
Delta R.T. 0.001 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:276 Resp: 300849

Ion	Ratio	Lower	Upper
276	100		
138	21.6	0.0	52.1
137	17.2	0.0	46.5

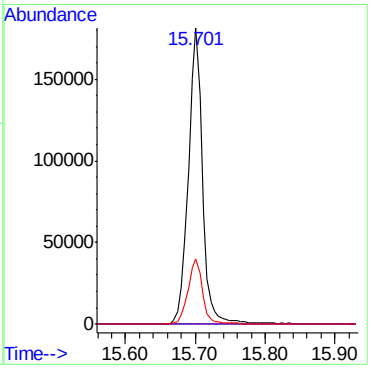


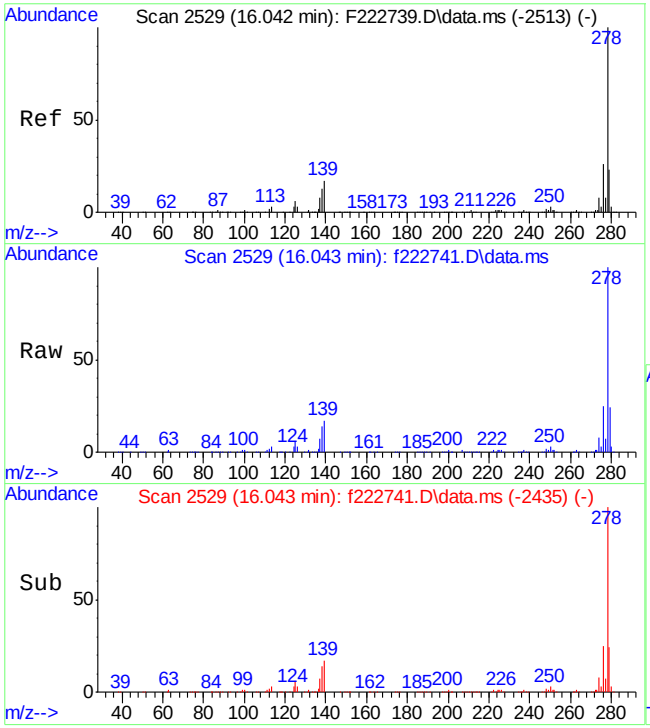


#98
Dibenz(a,h)acridine
Concen: 54.08 ppm
RT: 15.701 min Scan# 2465
Delta R.T. 0.001 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:279 Resp: 255016

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.1	0.0	52.3

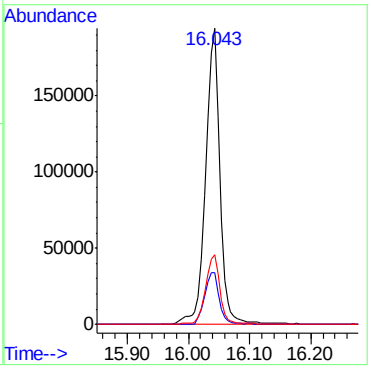


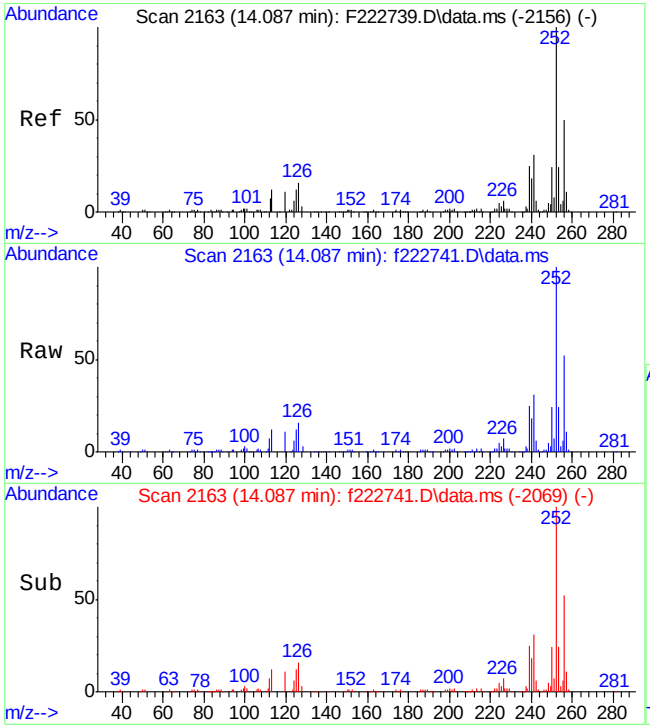


#99
Dibenz[a,h]anthracene
Concen: 56.34 ppm
RT: 16.043 min Scan# 2529
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:278 Resp: 310956

Ion	Ratio	Lower	Upper
278	100		
139	17.4	0.0	47.4
279	23.5	0.0	53.3

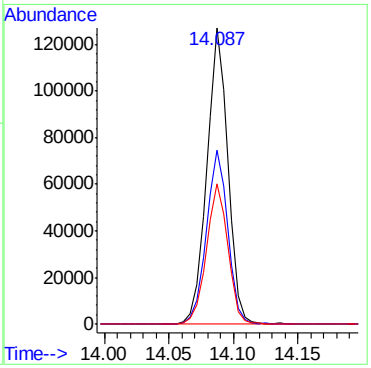


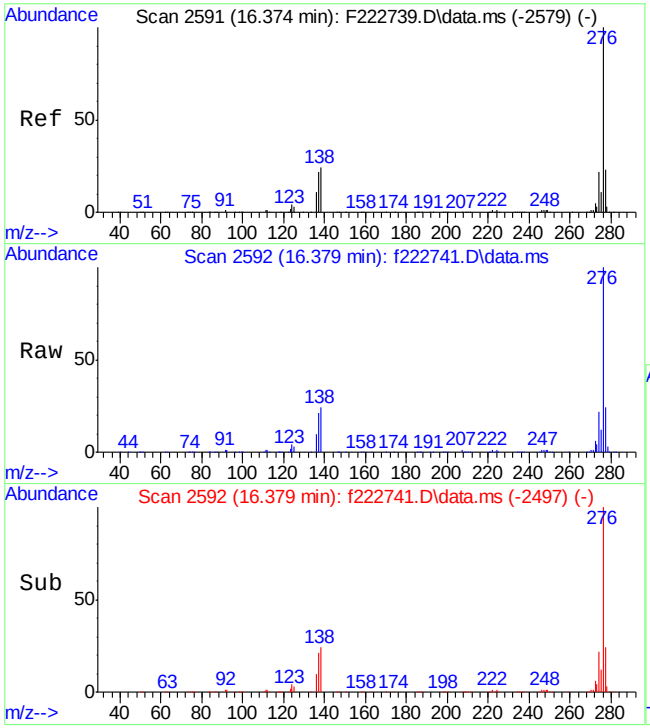


#100
7,12-Dimethylbenz(a)anthracene
Concen: 52.17 ppm
RT: 14.087 min Scan# 2163
Delta R.T. 0.000 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:256 Resp: 143138

Ion	Ratio	Lower	Upper
256	100		
241	58.8	31.1	91.1
239	47.4	19.1	79.1

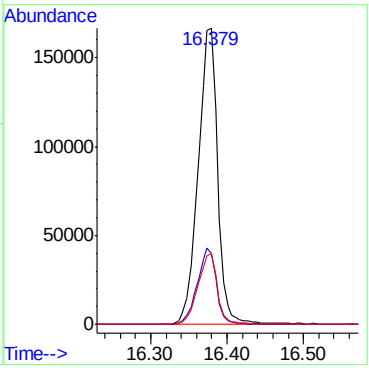




#101
Benzo[g,h,i]perylene
Concen: 55.33 ppm
RT: 16.379 min Scan# 2592
Delta R.T. 0.006 min
Lab File: f222741.D
Acq: 7 Nov 2024 12:06 pm

Tgt Ion:276 Resp: 293130

Ion	Ratio	Lower	Upper
276	100		
138	24.0	0.0	54.3
277	23.9	0.0	53.1



Manual Integrations APPROVED (compounds with "m" flag)
Nina Pandya 11/11/24 10:01

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222742.D
Acq On : 7 Nov 2024 12:30 pm
Operator : jackleey
Sample : icv9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 06 12:34:21 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 09:33:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.765	152	54112	40.00	ppm	0.00
24) Naphthalene-d8	5.657	136	210017	40.00	ppm	0.00
46) Acenaphthene-d10	7.041	164	111930	40.00	ppm	0.00
69) Phenanthrene-d10	8.665	188	229539	40.00	ppm	0.00
83) Chrysene-d12	12.506	240	189694	40.00	ppm	0.00
92) Perylene-d12	14.595	264	209532	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.765	152	54112	40.00	ppm	0.00
112) Naphthalene-d8A	5.657	136	210017	40.00	ppm	0.00
121) Acenaphthene-d10A	7.041	164	111930	40.00	ppm	0.00
132) Phenanthrene-d10A	8.665	188	229539	40.00	ppm	0.00
147) Chrysene-d12A	12.506	240	189694	40.00	ppm	0.00
154) Perylene-d12A	14.595	264	209532	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.765	152	54112	40.00	ppm	0.00
159) Phenanthrene-d10b	8.665	188	229539	40.00	ppm	0.00
161) Naphthalene-d8b	5.657	136	210017	40.00	ppm	0.00
163) Naphthalene-d8c	5.657	136	210017	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.765	152	54112	40.00	ppm	0.00
169) Chrysene-d12c	12.506	240	189694	40.00	ppm	0.00
171) Chrysene-d12d	12.506	240	189694	40.00	ppm	0.00
173) Naphthalene-d8d	5.657	136	210017	40.00	ppm	0.00
175) Chrysene-d12e	12.506	240	189694	40.00	ppm	0.00
177) Perylene-d12b	14.595	264	209532	40.00	ppm	0.00
179) Naphthalene-d8e	5.657	136	210017	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
9) Phenol	4.498	94	95987	50.88	ppm	96
12) 2-Chlorophenol	4.615	128	85015	52.31	ppm	98
19) 2-Methylphenol	4.920	108	73159	52.66	ppm	99
21) 3&4-Methylphenol	5.027	108	156117	106.16	ppm	98
29) 2-Nitrophenol	5.385	139	41114	52.03	ppm	83
30) 2,4-Dimethylphenol	5.401	107	86638	53.41	ppm	92
31) Benzoic acid	5.470	105	51565	52.95	ppm	85
33) 2,4-Dichlorophenol	5.545	162	77785	54.18	ppm	95
34) 2,6-Dichlorophenol	5.705	162	77606	52.84	ppm	95
41) Hydroquinone	5.956	110	85921m	62.20	ppm	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222742.D
Acq On : 7 Nov 2024 12:30 pm
Operator : jackleey
Sample : icv9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 06 12:34:21 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 09:33:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 4-Chloro-3-methylphenol	6.037	107	69094	53.41	ppm		98
49) 2,4,6-Trichlorophenol	6.378	196	59738	54.88	ppm		99
50) 2,4,5-Trichlorophenol	6.405	196	64556	51.80	ppm		98
60) 2,4-Dinitrophenol	7.094	184	38525	102.08	ppm	#	53
61) 4-Nitrophenol	7.137	109	26480	57.11	ppm		87
64) 2,3,4,6-Tetrachlorophenol	7.351	232	51171	53.25	ppm		98
70) 4,6-Dinitro-2-methylph...	7.629	198	25249	50.48	ppm		91
76) Pentachlorophenol	8.425	266	86685	98.99	ppm		99

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

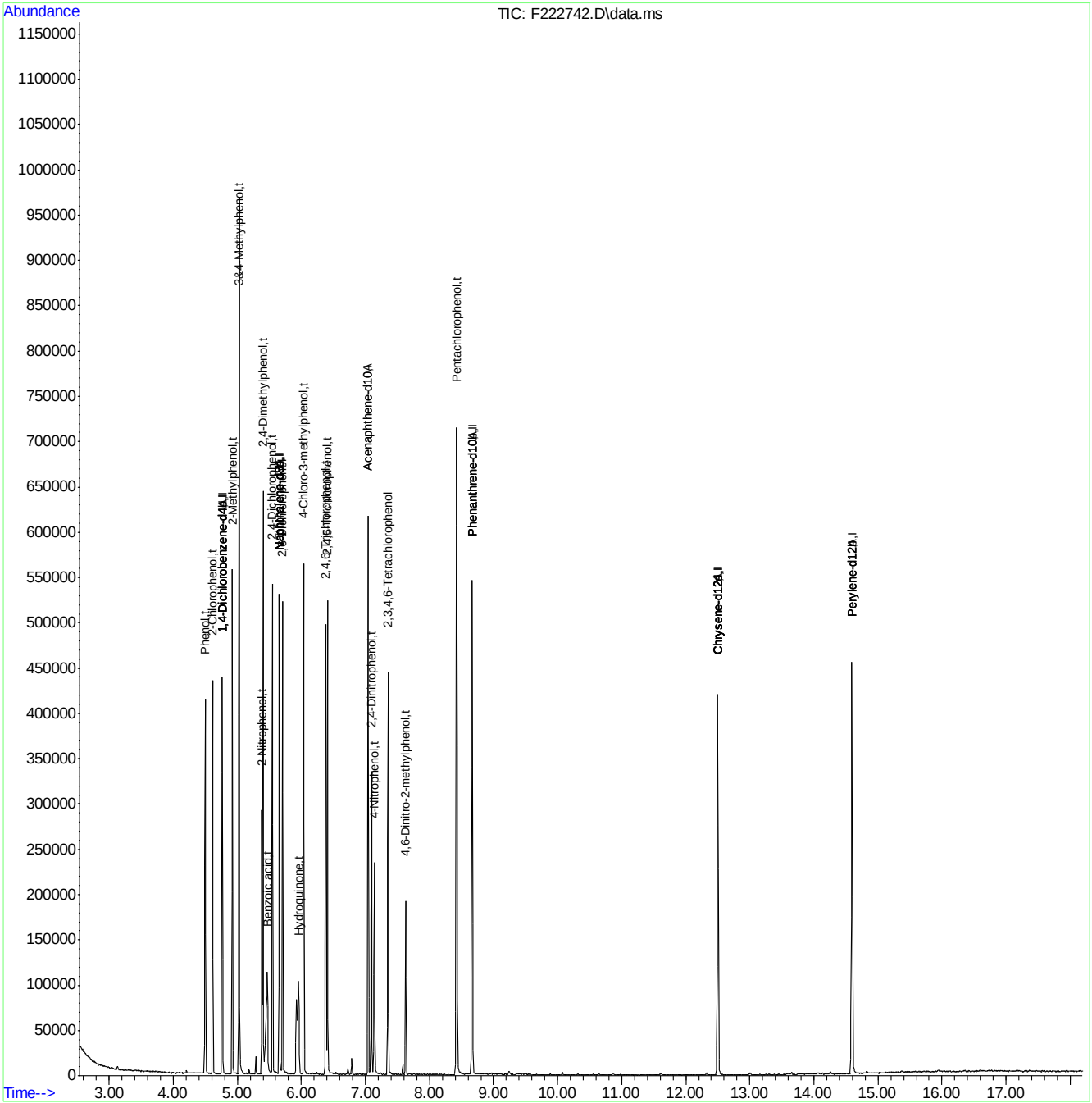
7.6.31

7

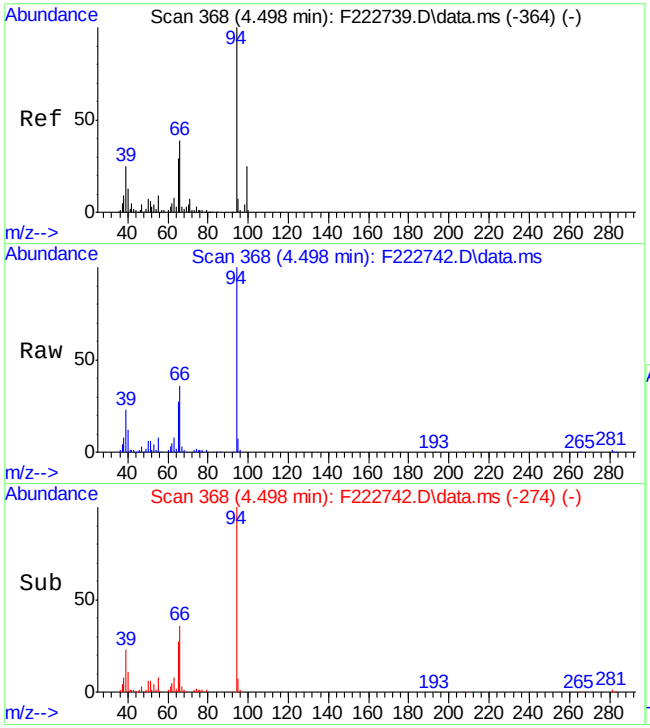
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222742.D
Acq On : 7 Nov 2024 12:30 pm
Operator : jackleey
Sample : icv9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 06 12:34:21 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 09:33:11 2024
Response via : Initial Calibration



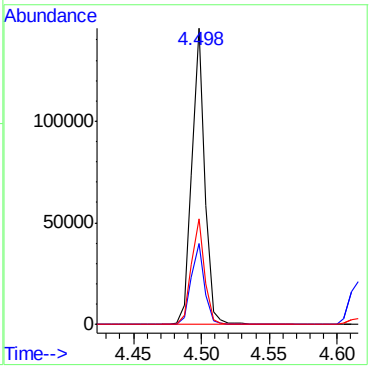
MF9899.M Fri Dec 06 12:34:27 2024 RT1 Page: 3

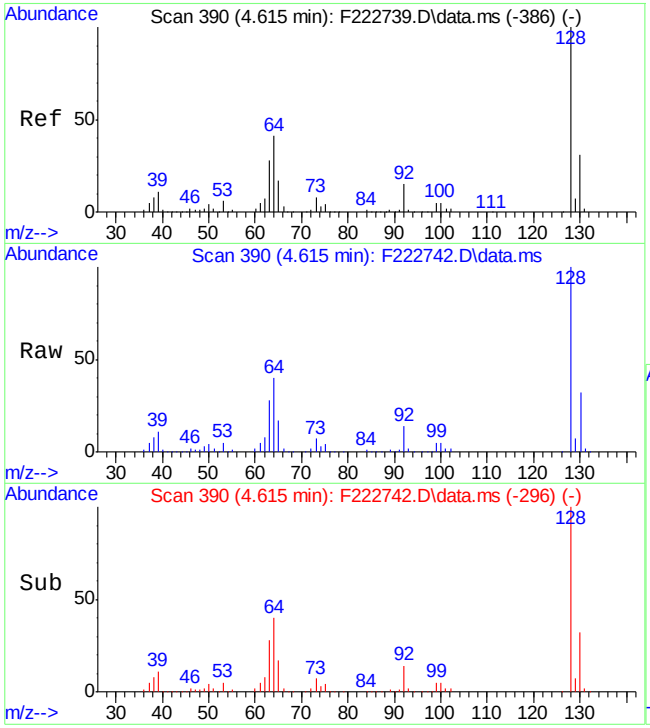


#9
Phenol
Concen: 50.88 ppm
RT: 4.498 min Scan# 368
Delta R.T. 0.000 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion: 94 Resp: 95987

Ion	Ratio	Lower	Upper
94	100		
65	27.2	0.0	59.0
66	35.5	8.6	68.6

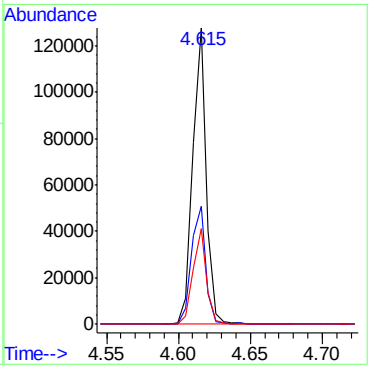


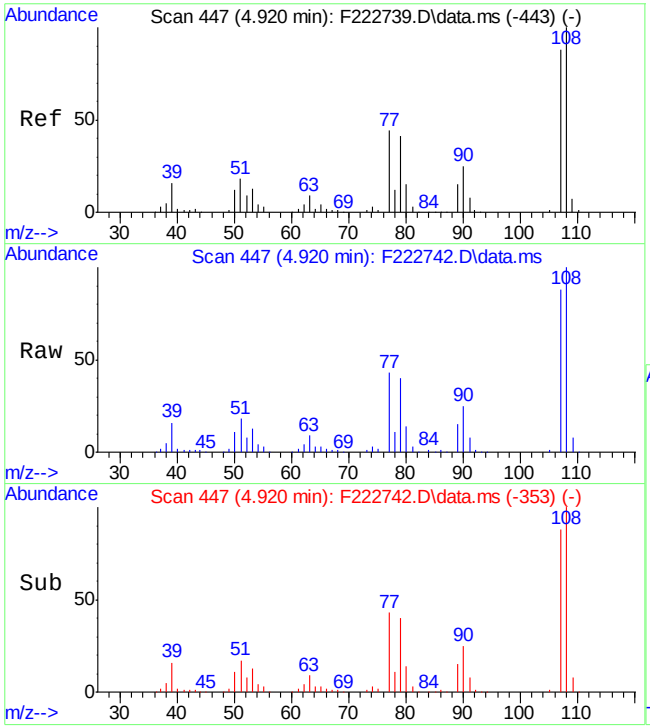


#12
2-Chlorophenol
Concen: 52.31 ppm
RT: 4.615 min Scan# 390
Delta R.T. 0.000 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:128 Resp: 85015

Ion	Ratio	Lower	Upper
128	100		
64	39.9	10.9	70.9
130	32.4	1.2	61.2

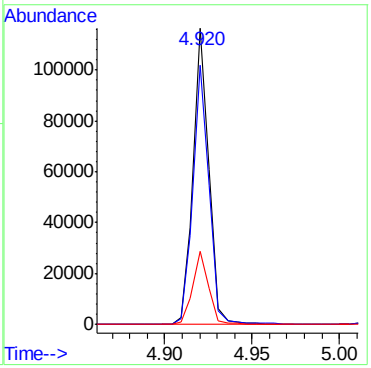


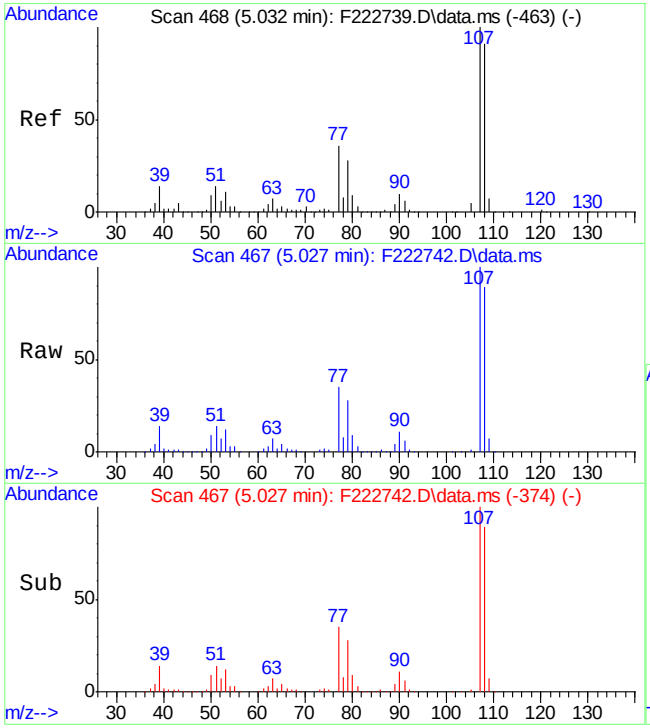


#19
2-Methylphenol
Concen: 52.66 ppm
RT: 4.920 min Scan# 447
Delta R.T. 0.000 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:108 Resp: 73159

Ion	Ratio	Lower	Upper
108	100		
107	87.6	58.3	118.3
90	24.8	0.0	55.3

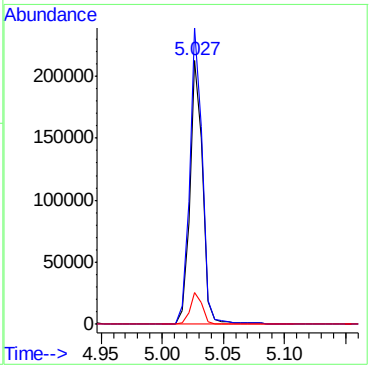


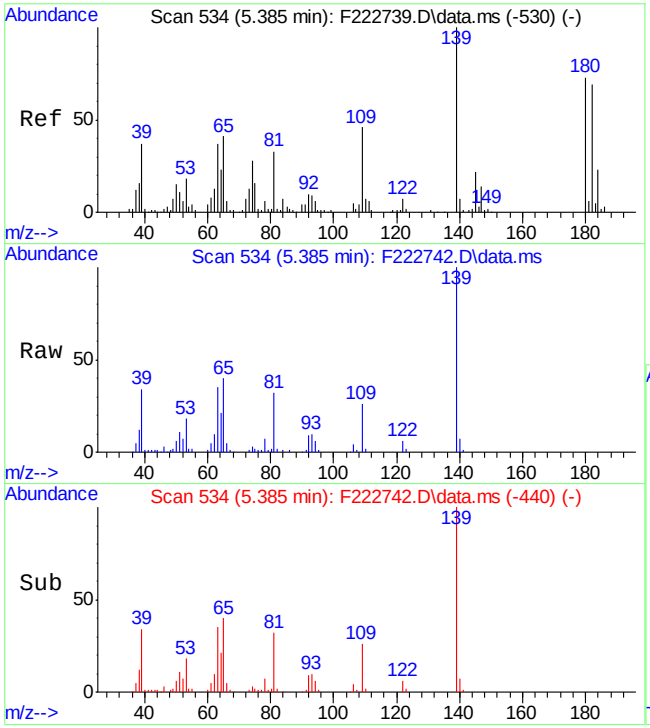


#21
3&4-Methylphenol
Concen: 106.16 ppm
RT: 5.027 min Scan# 467
Delta R.T. -0.005 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:108 Resp: 156117

Ion	Ratio	Lower	Upper
108	100		
107	112.2	80.0	140.0
90	11.8	0.0	41.5

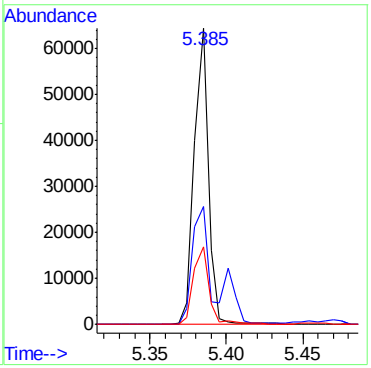


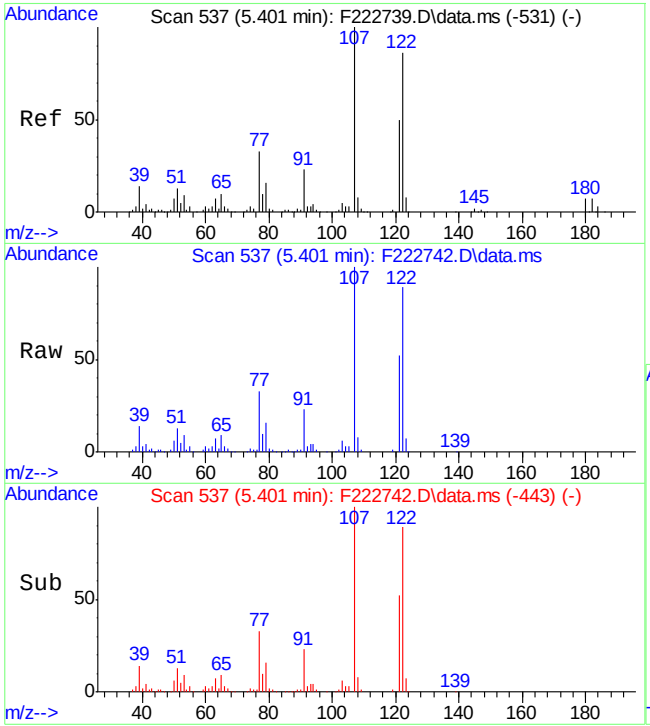


#29
2-Nitrophenol
Concen: 52.03 ppm
RT: 5.385 min Scan# 534
Delta R.T. 0.001 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:139 Resp: 41114

Ion	Ratio	Lower	Upper
139	100		
65	39.5	10.5	70.5
109	26.3	16.1	76.1

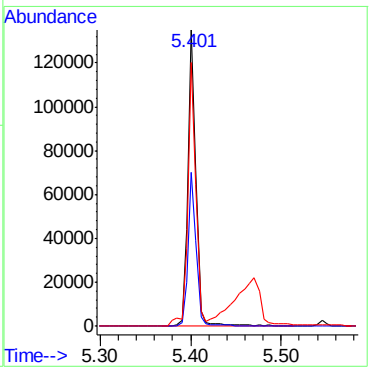


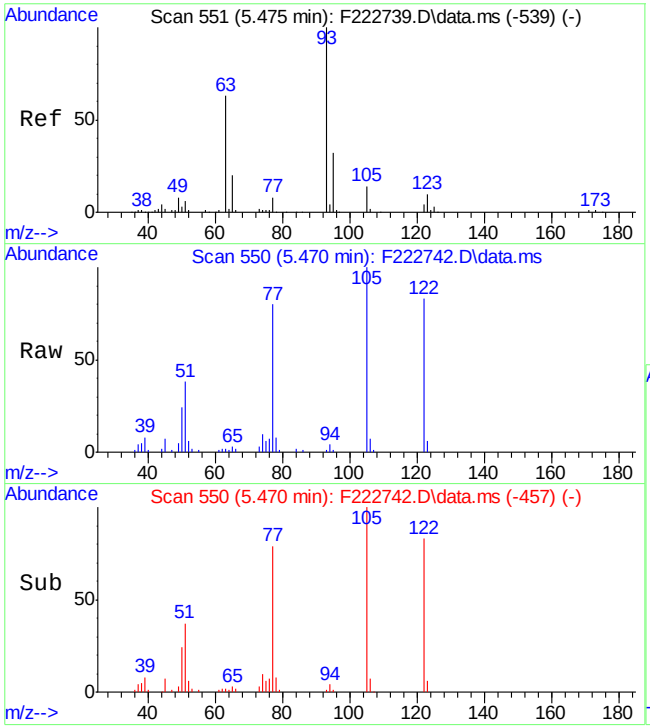


#30
2,4-Dimethylphenol
Concen: 53.41 ppm
RT: 5.401 min Scan# 537
Delta R.T. 0.000 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:107 Resp: 86638

Ion	Ratio	Lower	Upper
107	100		
121	52.0	20.1	80.1
122	89.0	49.3	109.3

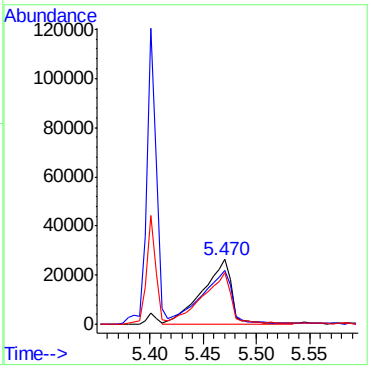


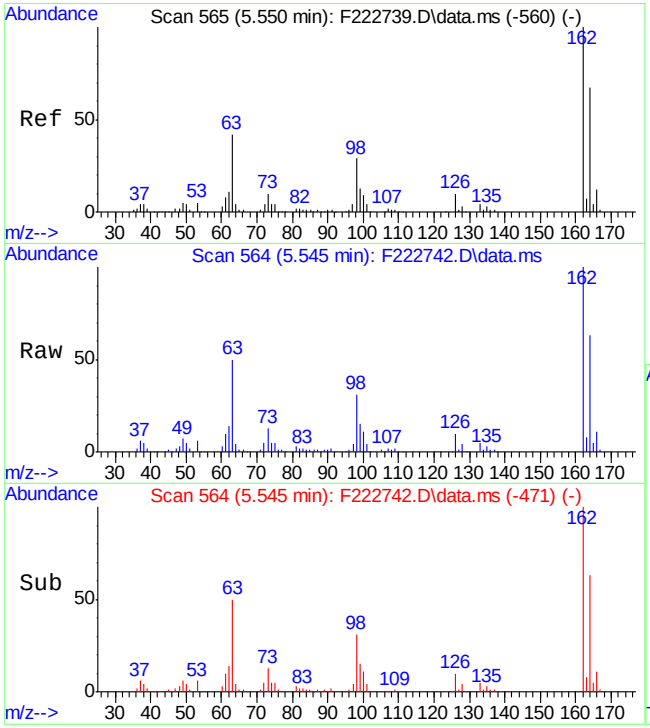


#31
Benzoic acid
Concen: 52.95 ppm
RT: 5.470 min Scan# 550
Delta R.T. -0.005 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:105 Resp: 51565

Ion	Ratio	Lower	Upper
105	100		
122	70.6	28.8	88.8
77	76.0	34.7	94.7

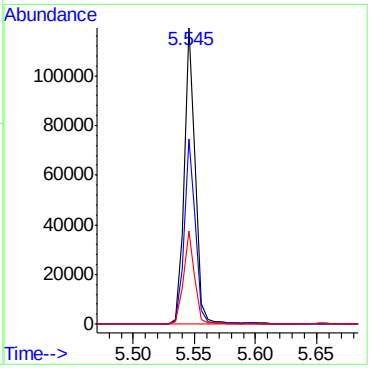


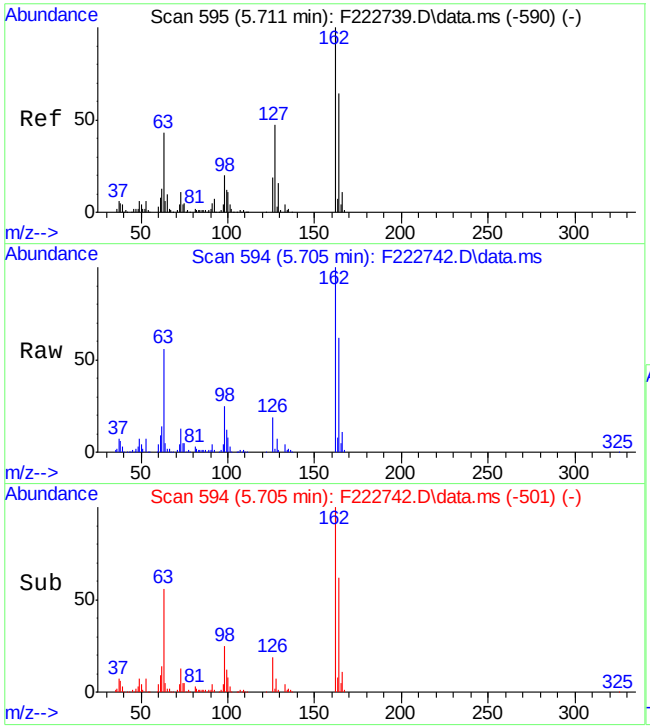


#33
2,4-Dichlorophenol
Concen: 54.18 ppm
RT: 5.545 min Scan# 564
Delta R.T. -0.005 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:162 Resp: 77785

Ion	Ratio	Lower	Upper
162	100		
164	62.5	36.7	96.7
98	31.4	0.0	59.1

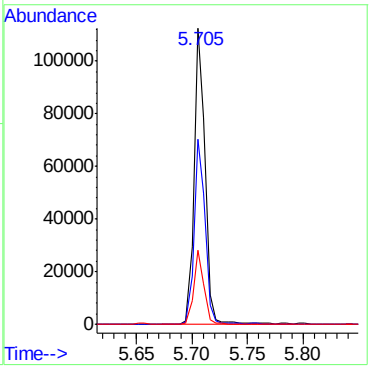


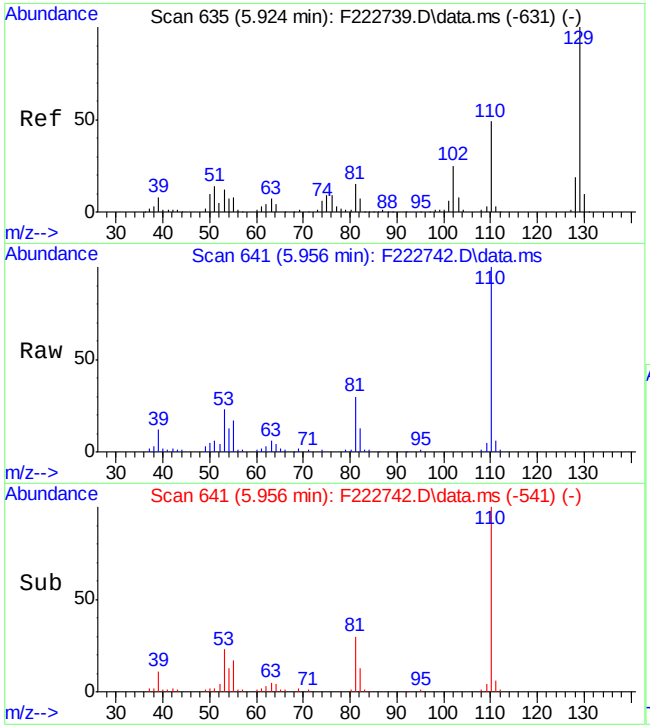


#34
2,6-Dichlorophenol
Concen: 52.84 ppm
RT: 5.705 min Scan# 594
Delta R.T. -0.005 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:162 Resp: 77606

Ion	Ratio	Lower	Upper
162	100		
164	62.4	34.3	94.3
98	25.0	0.0	49.7

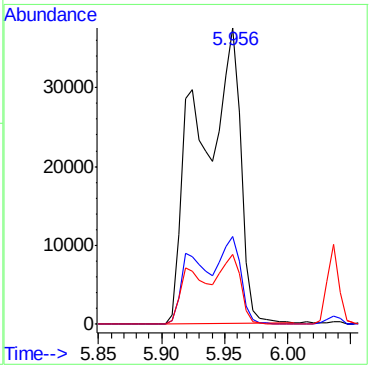


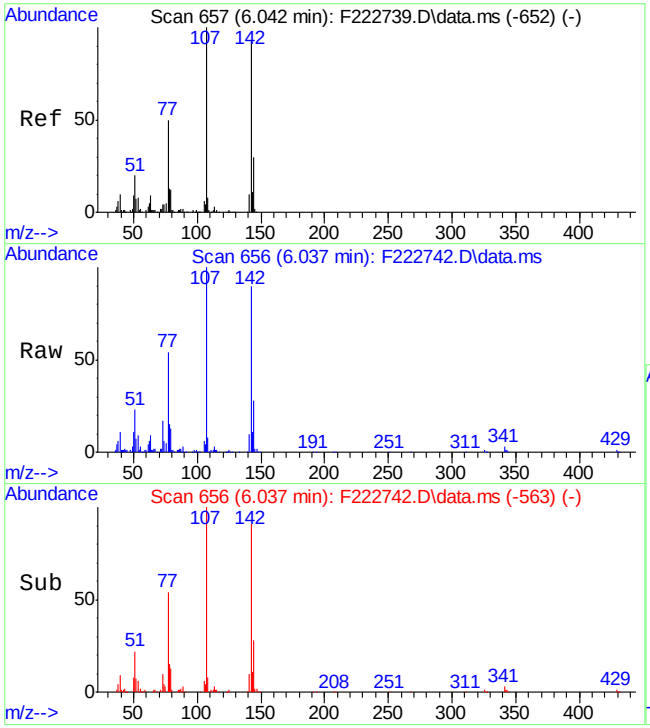


#41
Hydroquinone
Concen: 62.20 ppm m
RT: 5.956 min Scan# 641
Delta R.T. 0.032 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:110 Resp: 85921

Ion	Ratio	Lower	Upper
110	100		
81	29.7	0.7	60.7
53	23.4	0.0	54.6

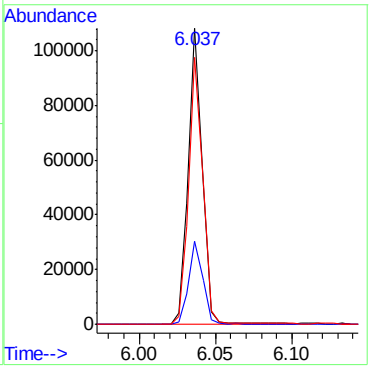


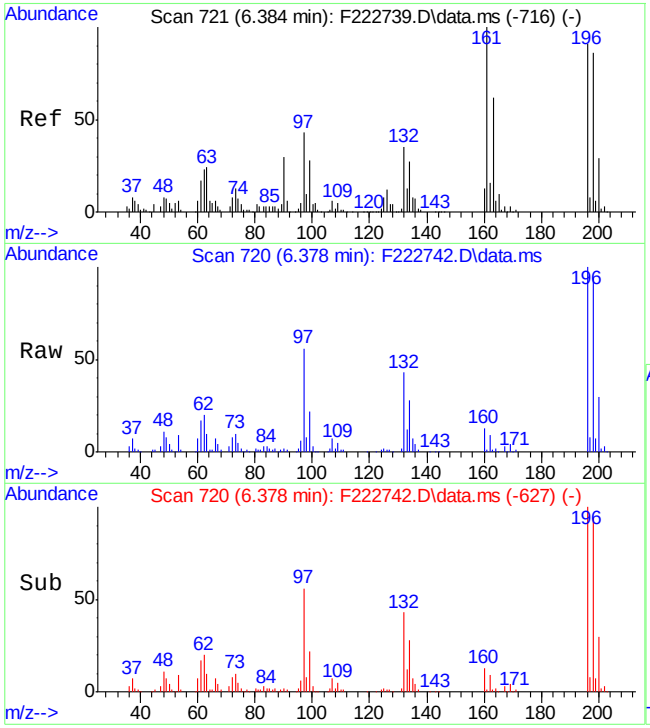


#43
4-Chloro-3-methylphenol
Concen: 53.41 ppm
RT: 6.037 min Scan# 656
Delta R.T. -0.005 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:107 Resp: 69094

Ion	Ratio	Lower	Upper
107	100		
144	28.3	0.0	59.6
142	90.3	62.6	122.6

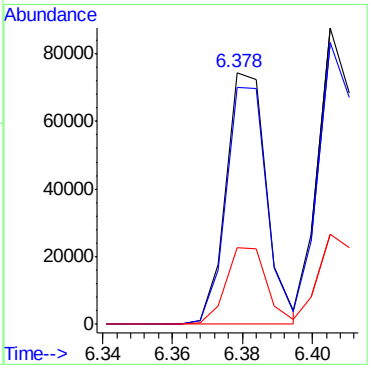


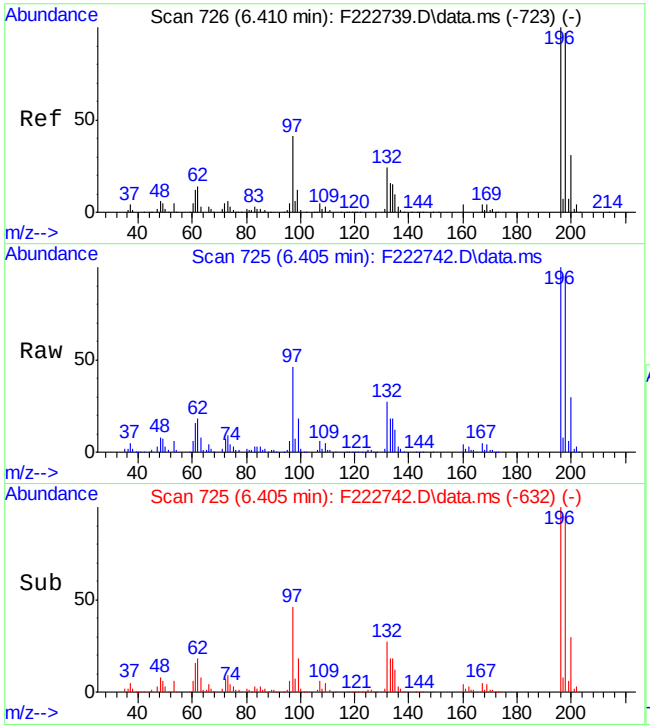


#49
2,4,6-Trichlorophenol
Concen: 54.88 ppm
RT: 6.378 min Scan# 720
Delta R.T. -0.005 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:196 Resp: 59738

Ion	Ratio	Lower	Upper
196	100		
198	94.1	64.2	124.2
200	30.1	2.2	62.2

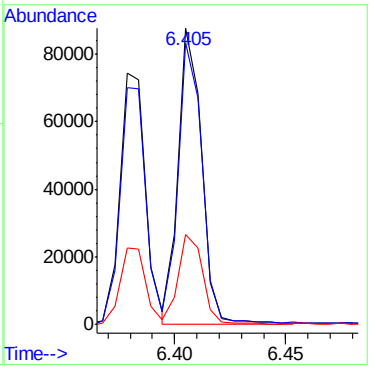


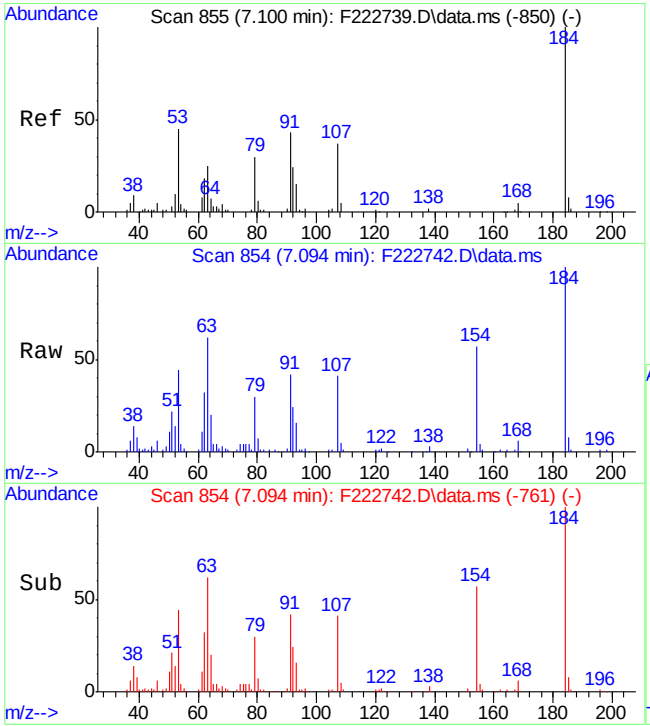


#50
2,4,5-Trichlorophenol
Concen: 51.80 ppm
RT: 6.405 min Scan# 725
Delta R.T. -0.005 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:196 Resp: 64556

Ion	Ratio	Lower	Upper
196	100		
198	95.1	67.0	127.0
200	30.3	1.2	61.2

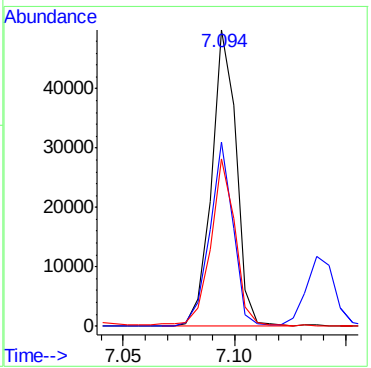


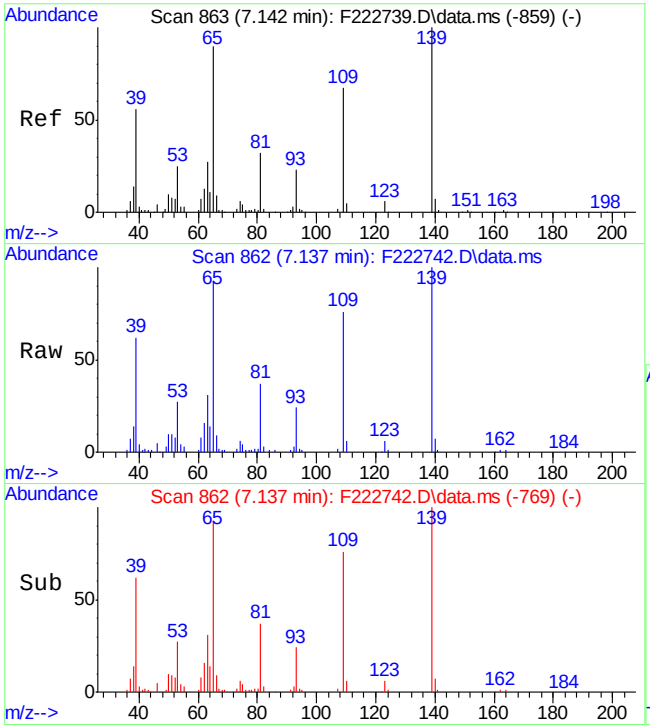


#60
2,4-Dinitrophenol
Concen: 102.08 ppm
RT: 7.094 min Scan# 854
Delta R.T. -0.005 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:184 Resp: 38525

Ion	Ratio	Lower	Upper
184	100		
63	60.9	4.1	64.1
154	56.1	0.0	30.0#

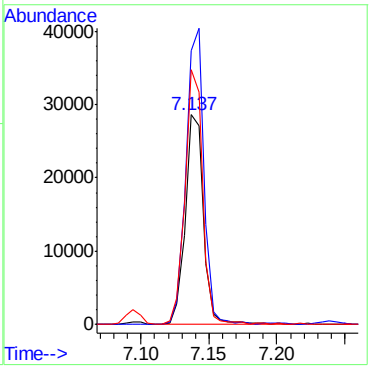


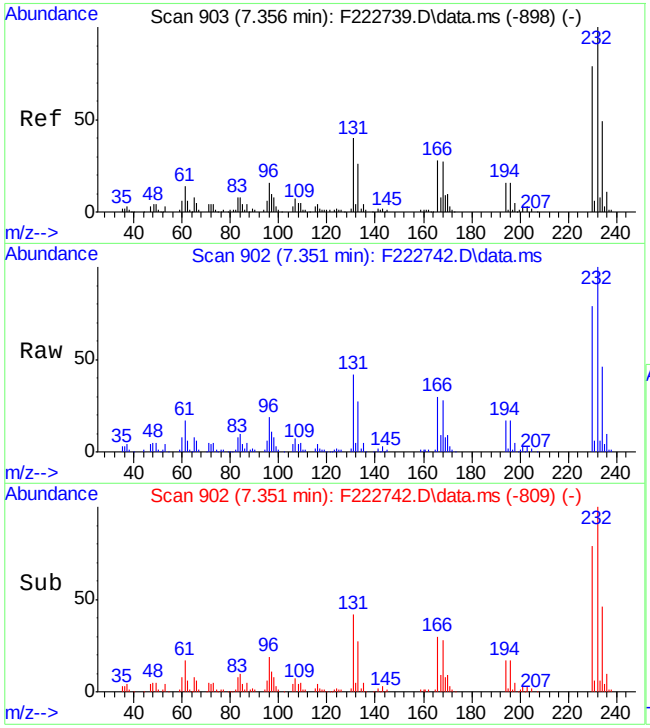


#61
4-Nitrophenol
Concen: 57.11 ppm
RT: 7.137 min Scan# 862
Delta R.T. -0.005 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:109 Resp: 26480

Ion	Ratio	Lower	Upper
109	100		
139	131.0	119.2	179.2
65	121.6	104.1	164.1

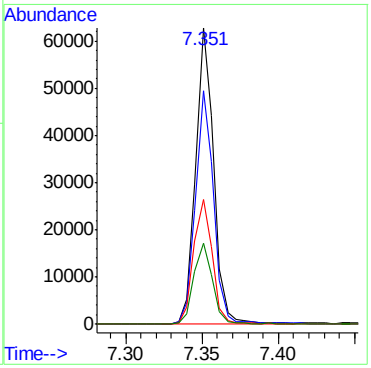


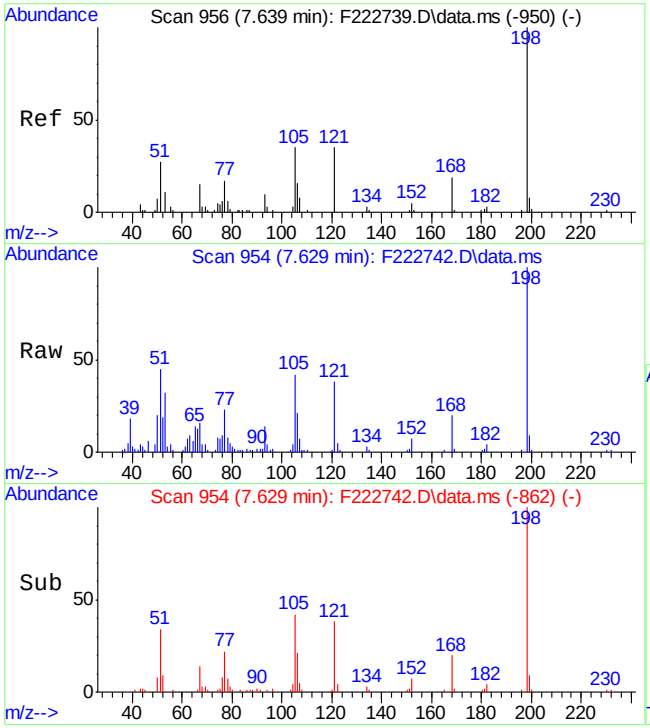


#64
2,3,4,6-Tetrachlorophenol
Concen: 53.25 ppm
RT: 7.351 min Scan# 902
Delta R.T. -0.004 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:232 Resp: 51171

Ion	Ratio	Lower	Upper
232	100		
230	78.6	49.1	109.1
131	42.2	9.6	69.6
133	27.3	0.0	55.9

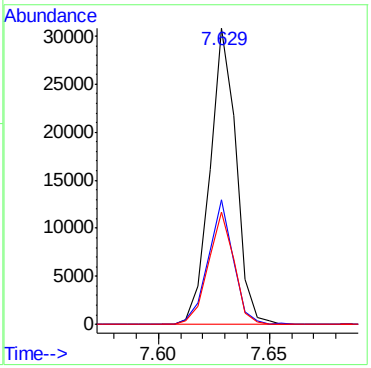


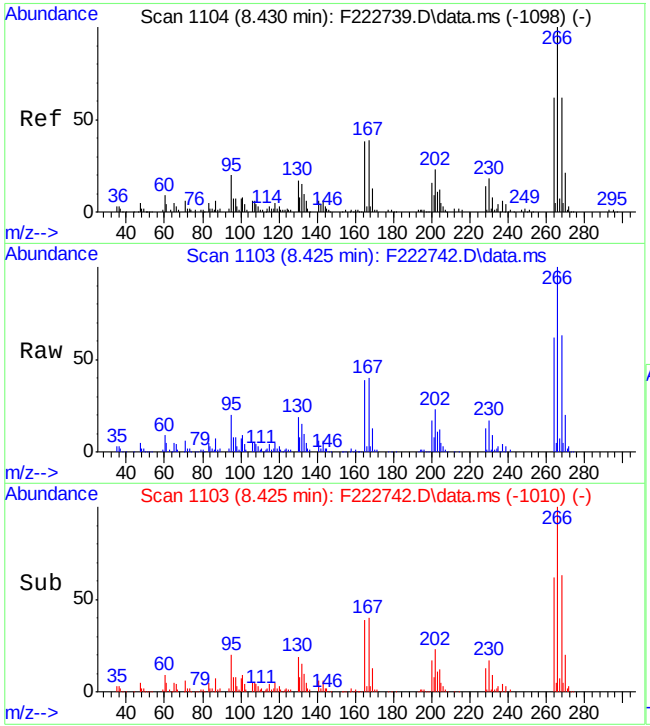


#70
4,6-Dinitro-2-methylphenol
Concen: 50.48 ppm
RT: 7.629 min Scan# 954
Delta R.T. -0.010 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:198 Resp: 25249

Ion	Ratio	Lower	Upper
198	100		
105	42.2	5.1	65.1
121	37.7	4.9	64.9

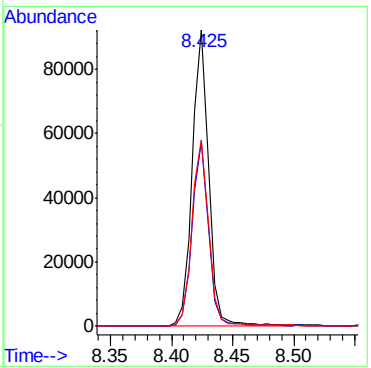




#76
Pentachlorophenol
Concen: 98.99 ppm
RT: 8.425 min Scan# 1103
Delta R.T. -0.004 min
Lab File: F222742.D
Acq: 7 Nov 2024 12:30 pm

Tgt Ion:266 Resp: 86685

Ion	Ratio	Lower	Upper
266	100		
264	62.0	31.7	91.7
268	62.7	32.1	92.1



Manual Integration Approval Summary

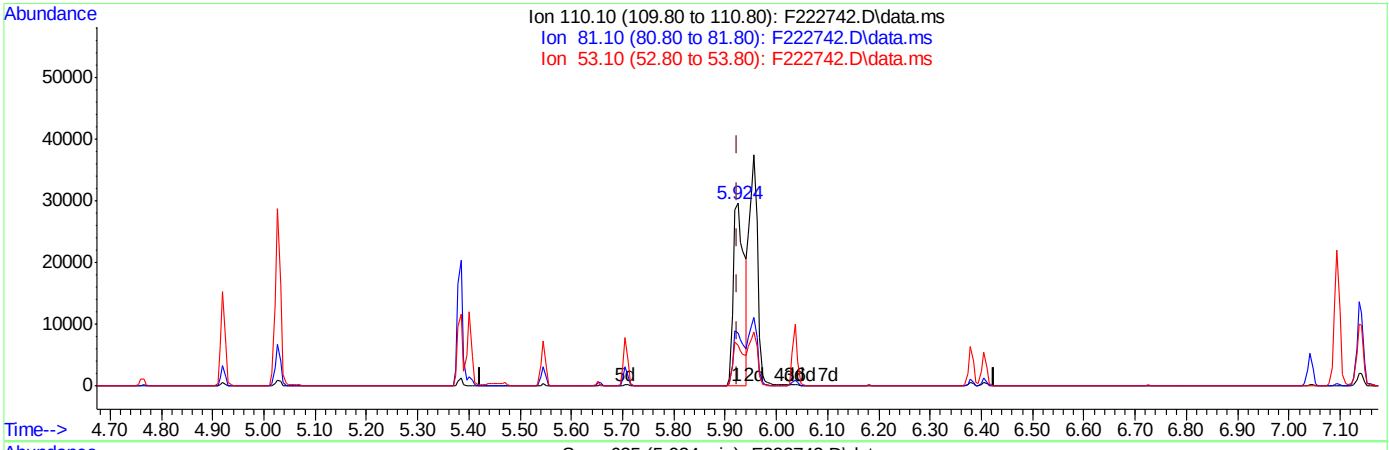
Sample Number: EF9899-ICV9899
Lab FileID: F222742.D
Injection Time: 11/07/24 12:30
Method: EPA 625.1
Analyst approved: 11/08/24 10:32 Ying Li
Supervisor approved: 11/11/24 10:01 Nina Pandya

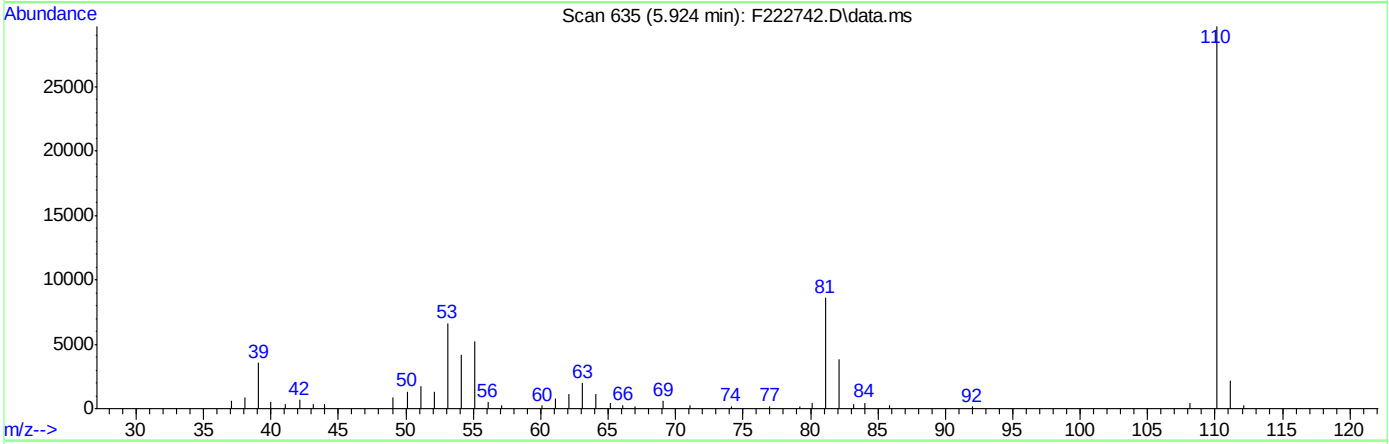
Parameter	CAS	Sig#	R.T. (min.)	Reason
Hydroquinone	123-31-9		5.96	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222742.D
Acq On : 7 Nov 2024 12:30 pm
Operator : jackleey
Sample : icv9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 09:50:37 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 09:33:11 2024
Response via : Initial Calibration





TIC: F222742.D\data.ms

(41) Hydroquinone (t)

5.924min (+0.000) 31.75ppm

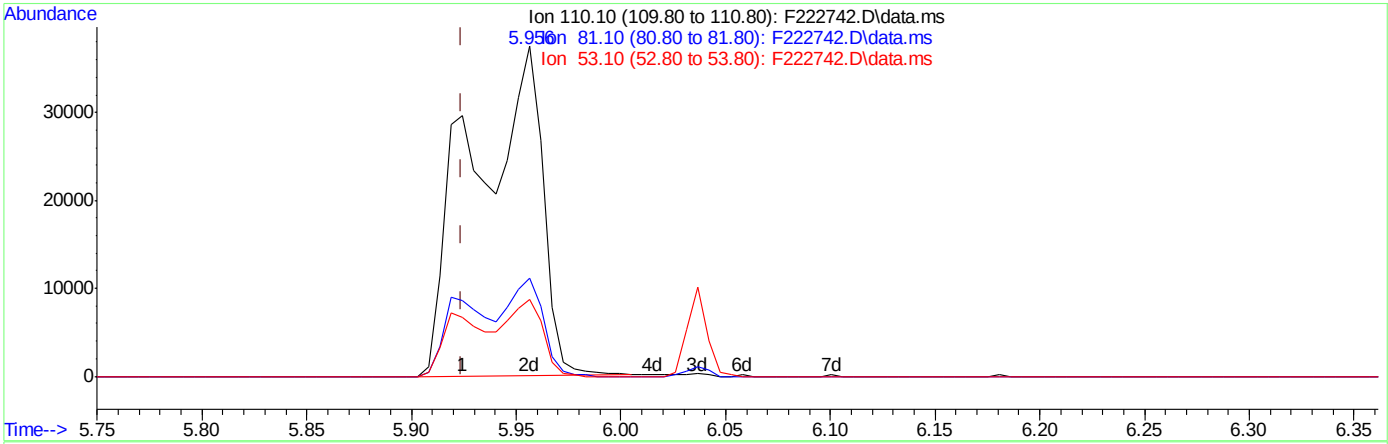
response 43855

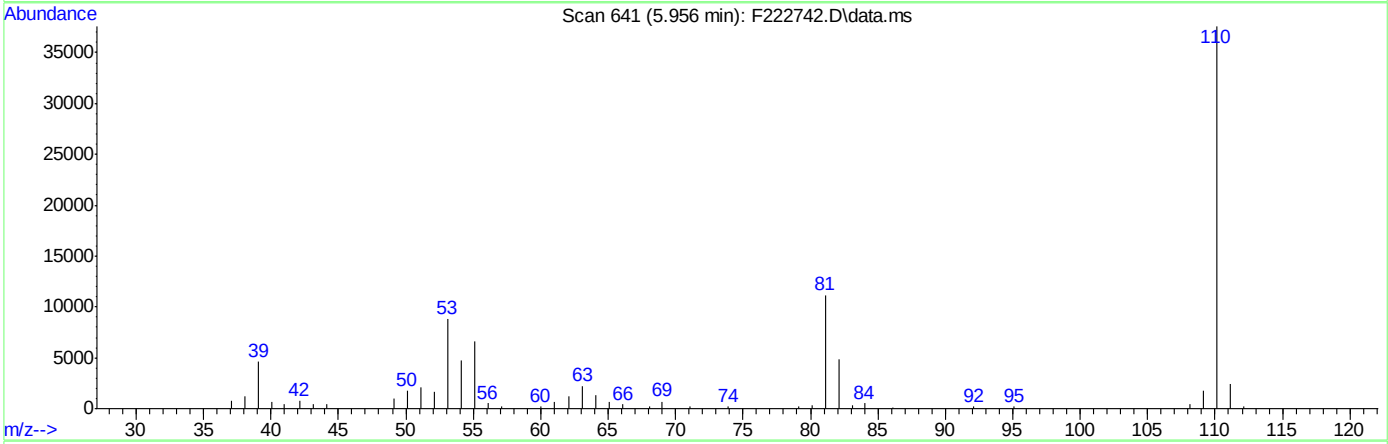
Ion	Exp%	Act%
110.10	100	100
81.10	30.70	28.70
53.10	24.60	21.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : F222742.D
Acq On : 7 Nov 2024 12:30 pm
Operator : jackleey
Sample : icv9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 10:13:15 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 09:33:11 2024
Response via : Initial Calibration





TIC: F222742.D\data.ms

(41) Hydroquinone (t)

5.956min (+0.032) 62.20ppm m

response 85921

Ion	Exp%	Act%
110.10	100	100
81.10	30.70	29.69
53.10	24.60	23.40
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : f222743.D
Acq On : 7 Nov 2024 12:53 pm
Operator : jackleey
Sample : icv9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 08 09:57:00 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 09:33:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.765	152	53441	40.00	ppm	0.00
24) Naphthalene-d8	5.657	136	202772	40.00	ppm	0.00
46) Acenaphthene-d10	7.041	164	112029	40.00	ppm	0.00
69) Phenanthrene-d10	8.665	188	225279	40.00	ppm	0.00
83) Chrysene-d12	12.506	240	201816	40.00	ppm	0.00
92) Perylene-d12	14.600	264	205599	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.765	152	53441	40.00	ppm	0.00
112) Naphthalene-d8A	5.657	136	202772	40.00	ppm	0.00
121) Acenaphthene-d10A	7.041	164	112029	40.00	ppm	0.00
132) Phenanthrene-d10A	8.665	188	225279	40.00	ppm	0.00
147) Chrysene-d12A	12.506	240	201816	40.00	ppm	0.00
154) Perylene-d12A	14.600	264	205599	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.765	152	53441	40.00	ppm	0.00
159) Phenanthrene-d10b	8.665	188	225279	40.00	ppm	0.00
161) Naphthalene-d8b	5.657	136	202772	40.00	ppm	0.00
163) Naphthalene-d8c	5.657	136	202772	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.765	152	53441	40.00	ppm	0.00
169) Chrysene-d12c	12.506	240	201816	40.00	ppm	0.00
171) Chrysene-d12d	12.506	240	201816	40.00	ppm	0.00
173) Naphthalene-d8d	5.657	136	202772	40.00	ppm	0.00
175) Chrysene-d12e	12.506	240	201816	40.00	ppm	0.00
177) Perylene-d12b	14.600	264	205599	40.00	ppm	0.00
179) Naphthalene-d8e	5.657	136	202772	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
3) Pyridine	2.943	79	83371	53.43	ppm	99
4) N-Nitrosodimethylamine	2.917	42	38776	47.82	ppm	95
10) Aniline	4.535	93	120072	50.79	ppm	99
22) n-Nitroso-di-n-propyla...	5.037	70	55385	52.24	ppm	93
39) 4-Chloroaniline	5.705	127	105384	51.91	ppm	98
54) 2-Nitroaniline	6.640	65	40102	52.72	ppm	94
58) 3-Nitroaniline	7.003	138	42122	52.10	ppm	97
68) 4-Nitroaniline	7.607	138	41197	47.81	ppm	97
71) n-Nitrosodiphenylamine	7.709	169	165062	49.78	ppm	99
84) Benzidine	10.556	184	218818	61.61	ppm	100

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : f222743.D
Acq On : 7 Nov 2024 12:53 pm
Operator : jackleey
Sample : icv9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 08 09:57:00 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 09:33:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) 3,3'-Dichlorobenzidine	12.495	252	118448	55.51	ppm	99

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

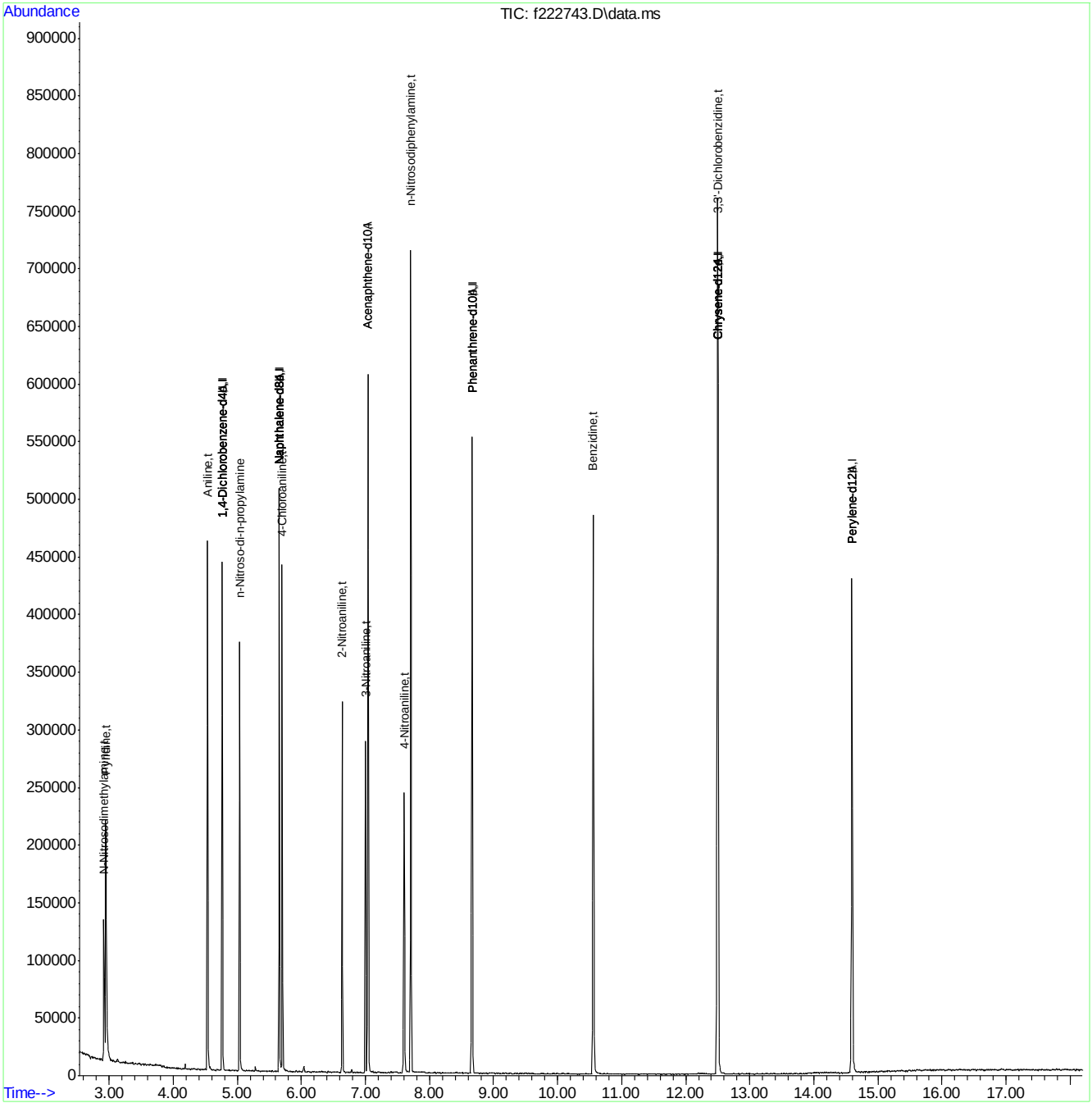
7.6.32

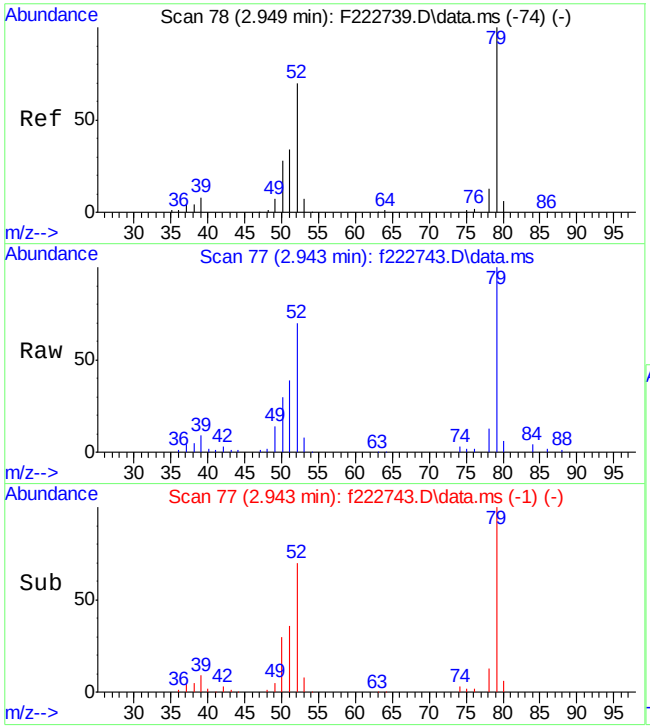
7

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\EF9899\
Data File : f222743.D
Acq On : 7 Nov 2024 12:53 pm
Operator : jackleey
Sample : icv9899-50
Misc : op58797b,ef9899,1000,,,1,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 08 09:57:00 2024
Quant Method : C:\MSDCHEM\1\METHODS\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Fri Nov 08 09:33:11 2024
Response via : Initial Calibration

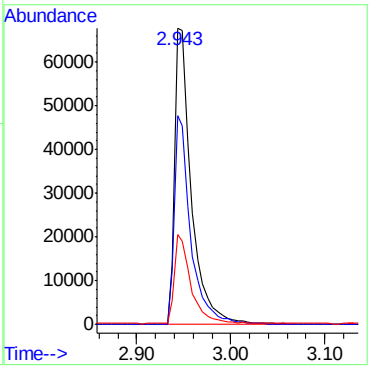


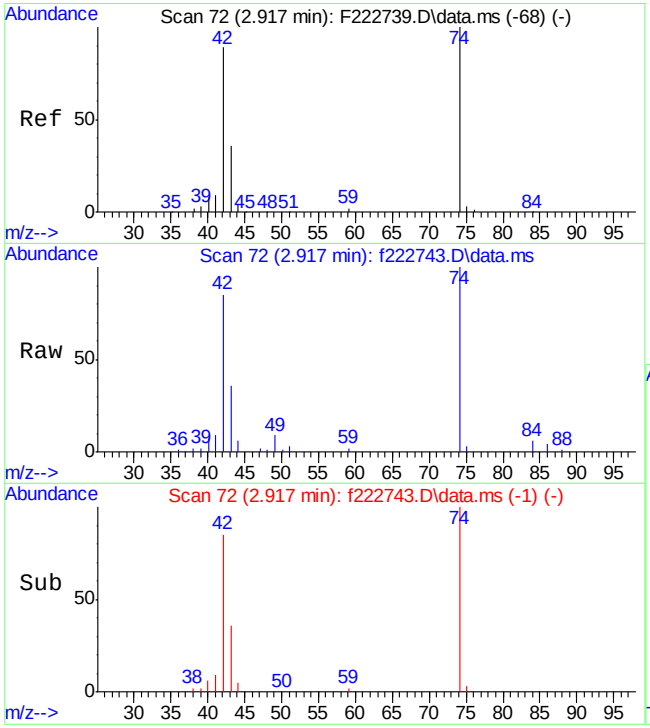


#3
Pyridine
Concen: 53.43 ppm
RT: 2.943 min Scan# 77
Delta R.T. -0.005 min
Lab File: f222743.D
Acq: 7 Nov 2024 12:53 pm

Tgt Ion: 79 Resp: 83371

Ion	Ratio	Lower	Upper
79	100		
52	70.5	39.7	99.7
50	29.8	0.0	58.3

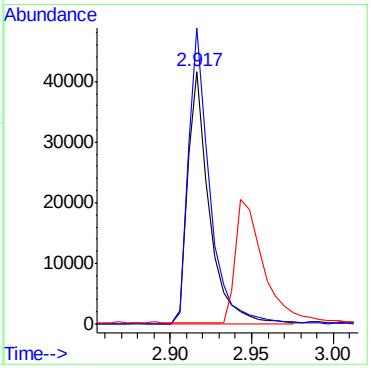


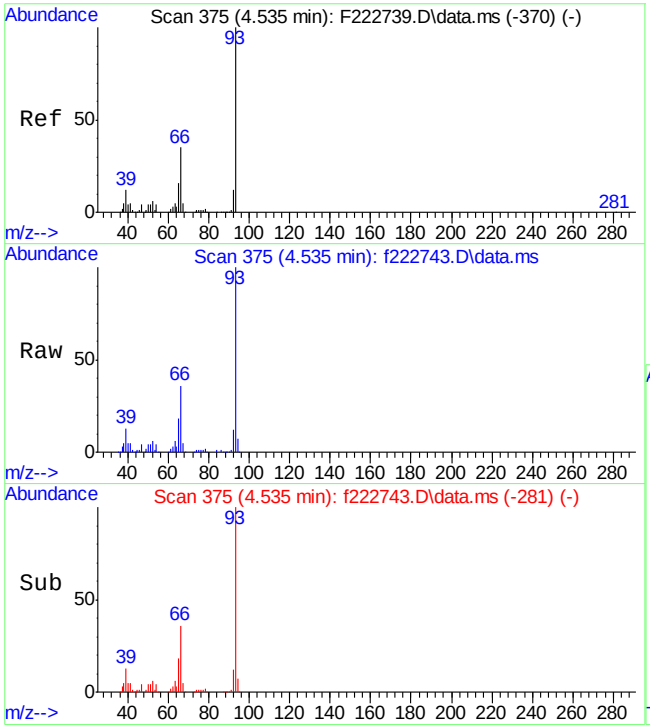


#4
N-Nitrosodimethylamine
Concen: 47.82 ppm
RT: 2.917 min Scan# 72
Delta R.T. -0.000 min
Lab File: f222743.D
Acq: 7 Nov 2024 12:53 pm

Tgt Ion: 42 Resp: 38776

Ion	Ratio	Lower	Upper
42	100		
74	117.1	82.2	142.2
50	0.0	0.0	30.0

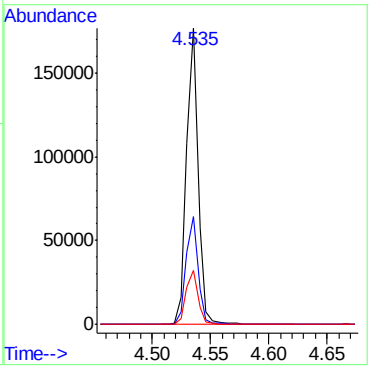


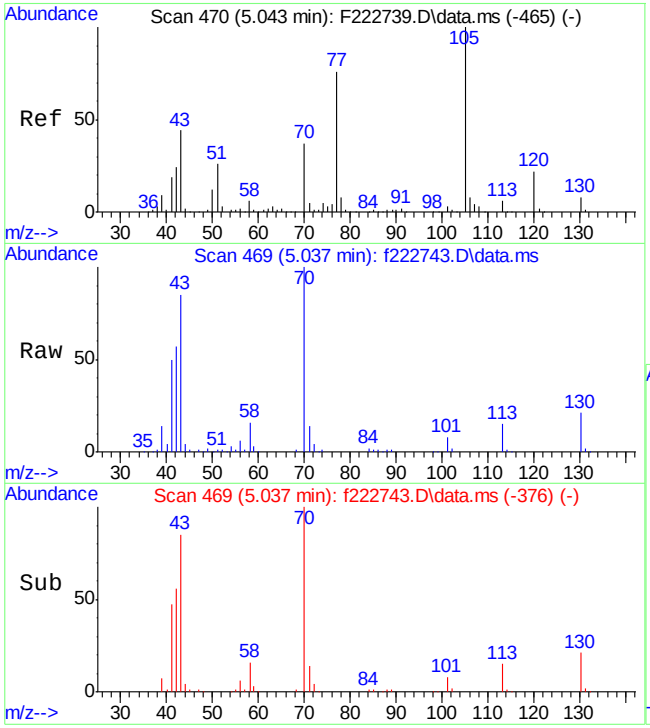


#10
Aniline
Concen: 50.79 ppm
RT: 4.535 min Scan# 375
Delta R.T. -0.000 min
Lab File: f222743.D
Acq: 7 Nov 2024 12:53 pm

Tgt Ion: 93 Resp: 120072

Ion	Ratio	Lower	Upper
93	100		
66	36.3	6.6	66.6
65	18.0	0.0	47.6

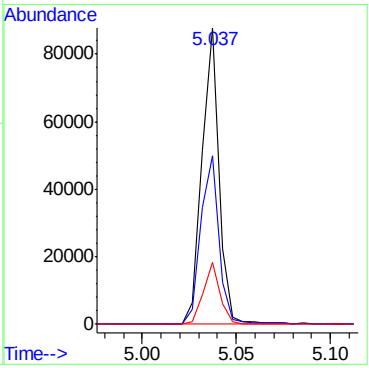


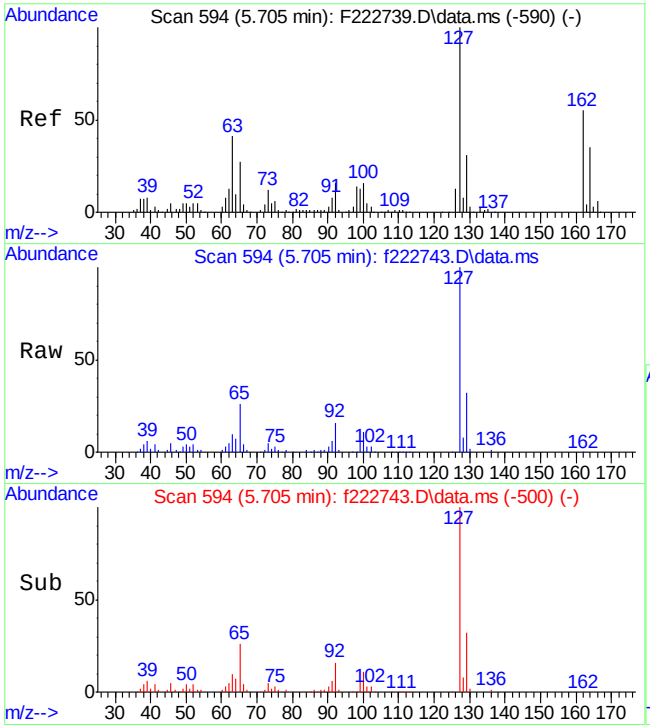


#22
n-Nitroso-di-n-propylamine
Concen: 52.24 ppm
RT: 5.037 min Scan# 469
Delta R.T. -0.005 min
Lab File: f222743.D
Acq: 7 Nov 2024 12:53 pm

Tgt Ion: 70 Resp: 55385

Ion	Ratio	Lower	Upper
70	100		
42	56.9	44.9	83.5
130	21.1	15.4	28.6

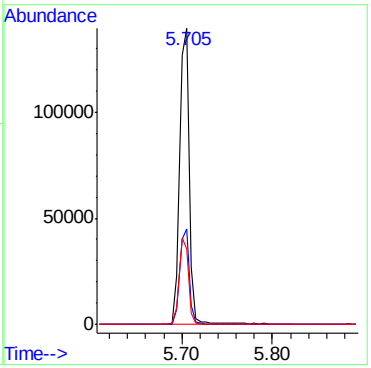


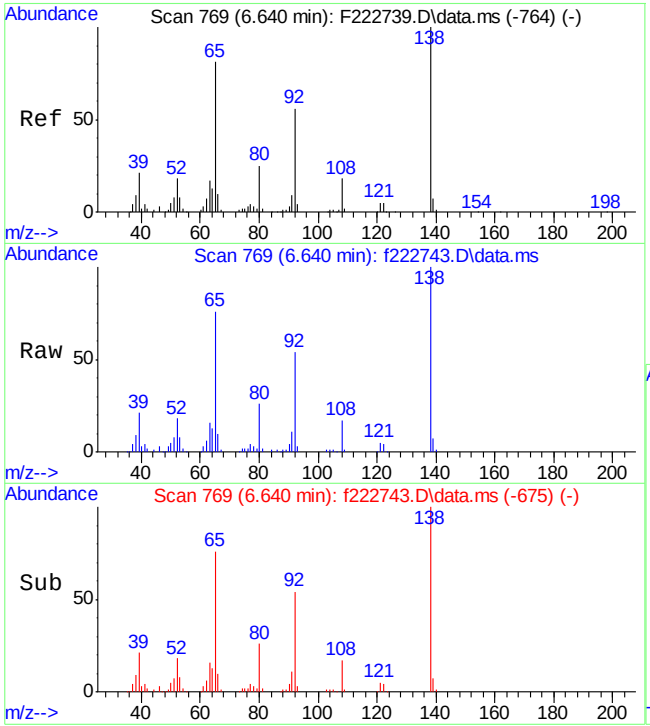


#39
4-Chloroaniline
Concen: 51.91 ppm
RT: 5.705 min Scan# 594
Delta R.T. 0.000 min
Lab File: f222743.D
Acq: 7 Nov 2024 12:53 pm

Tgt Ion:127 Resp: 105384

Ion	Ratio	Lower	Upper
127	100		
129	32.3	1.4	61.4
65	25.6	0.0	57.0

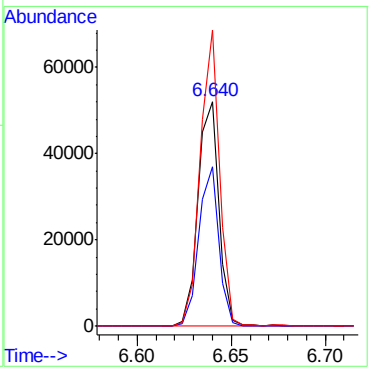


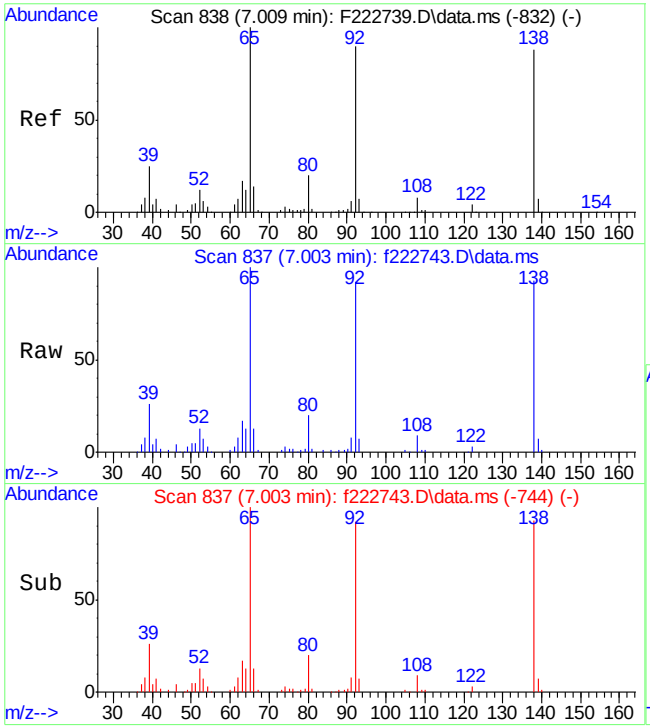


#54
2-Nitroaniline
Concen: 52.72 ppm
RT: 6.640 min Scan# 769
Delta R.T. 0.000 min
Lab File: f222743.D
Acq: 7 Nov 2024 12:53 pm

Tgt Ion: 65 Resp: 40102

Ion	Ratio	Lower	Upper
65	100		
92	71.1	38.6	98.6
138	131.7	93.5	153.5

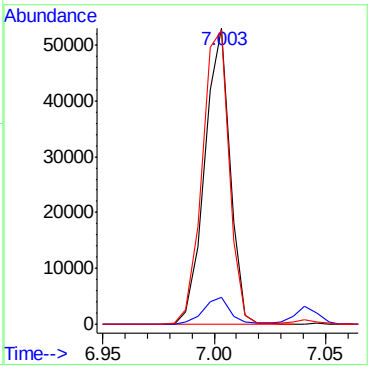


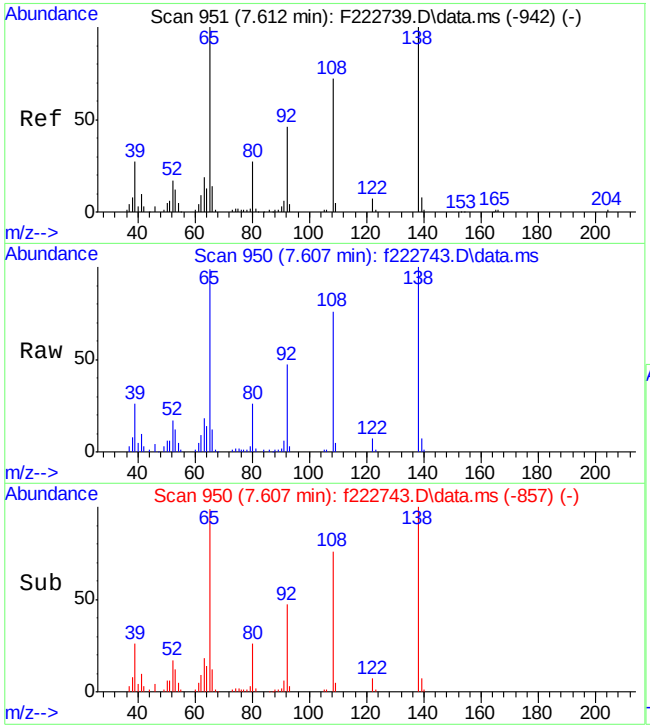


#58
3-Nitroaniline
Concen: 52.10 ppm
RT: 7.003 min Scan# 837
Delta R.T. -0.005 min
Lab File: f222743.D
Acq: 7 Nov 2024 12:53 pm

Tgt Ion:138 Resp: 42122

Ion	Ratio	Lower	Upper
138	100		
108	7.9	0.0	37.0
92	98.7	72.1	132.1

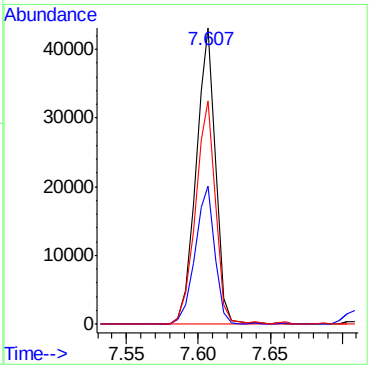


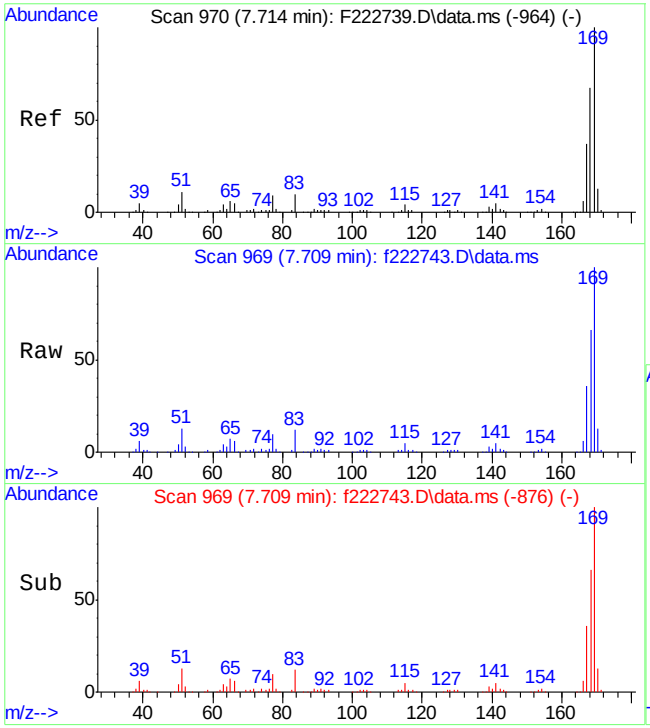


#68
4-Nitroaniline
Concen: 47.81 ppm
RT: 7.607 min Scan# 950
Delta R.T. -0.005 min
Lab File: f222743.D
Acq: 7 Nov 2024 12:53 pm

Tgt Ion:138 Resp: 41197

Ion	Ratio	Lower	Upper
138	100		
92	46.6	15.6	75.6
108	75.6	42.0	102.0

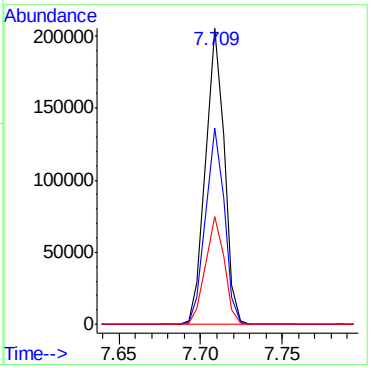


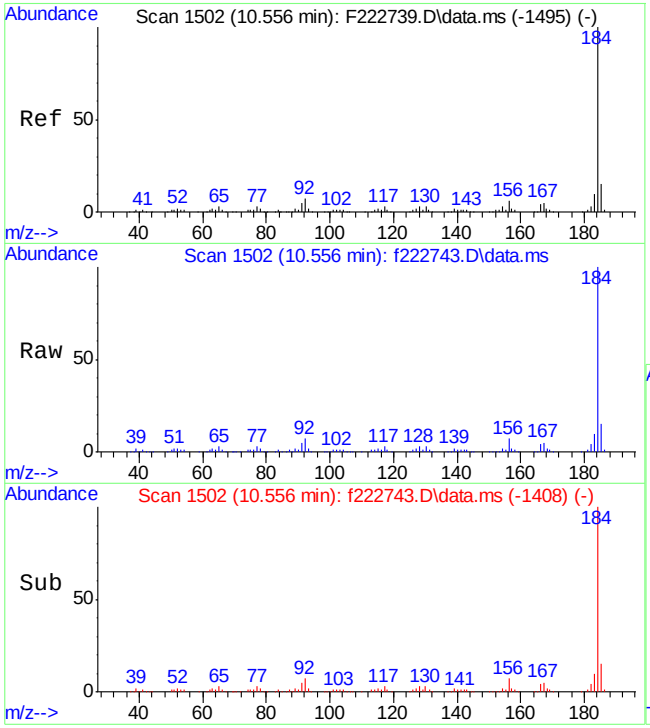


#71
n-Nitrosodiphenylamine
Concen: 49.78 ppm
RT: 7.709 min Scan# 969
Delta R.T. -0.005 min
Lab File: f222743.D
Acq: 7 Nov 2024 12:53 pm

Tgt Ion:169 Resp: 165062

Ion	Ratio	Lower	Upper
169	100		
168	66.2	36.8	96.8
167	36.4	6.9	66.9

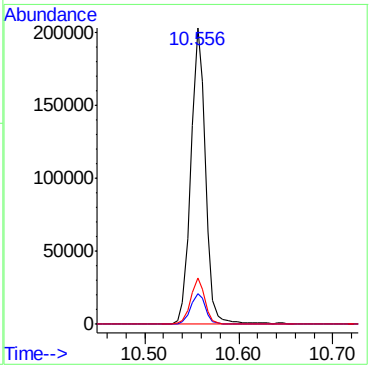


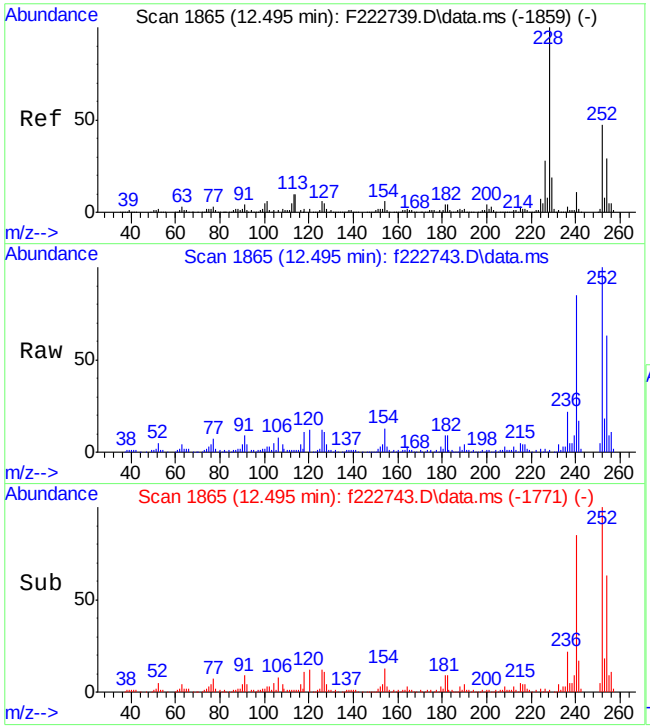


#84
Benzidine
Concen: 61.61 ppm
RT: 10.556 min Scan# 1502
Delta R.T. -0.000 min
Lab File: f222743.D
Acq: 7 Nov 2024 12:53 pm

Tgt Ion:184 Resp: 218818

Ion	Ratio	Lower	Upper
184	100		
183	10.4	0.0	60.5
185	15.4	0.0	65.2

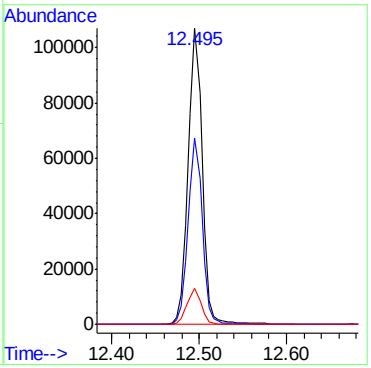




#89
3,3'-Dichlorobenzidine
Concen: 55.51 ppm
RT: 12.495 min Scan# 1865
Delta R.T. 0.000 min
Lab File: f222743.D
Acq: 7 Nov 2024 12:53 pm

Tgt Ion:252 Resp: 118448

Ion	Ratio	Lower	Upper
252	100		
254	62.8	32.3	92.3
126	11.9	0.0	42.5



7.6.32

7

Manual Integrations APPROVED (compounds with "m" flag)
Jacky Takeuchi 01/28/25 18:22

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224237.D
Acq On : 28 Jan 2025 8:16 am
Operator : kaleigh
Sample : cc9899-50 Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 28 16:10:02 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:05:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	4.532	152	77314	40.00	ppm		0.00
24) Naphthalene-d8	5.446	136	296329	40.00	ppm		0.00
46) Acenaphthene-d10	6.781	164	151966	40.00	ppm		0.00
69) Phenanthrene-d10	8.341	188	282184	40.00	ppm		0.00
83) Chrysene-d12	12.129	240	242397	40.00	ppm		0.00
92) Perylene-d12	14.213	264	248833	40.00	ppm		0.00
102) 1,4-Dichlorobenzene-d4A	4.532	152	77314	40.00	ppm		0.00
112) Naphthalene-d8A	5.446	136	296329	40.00	ppm		0.00
121) Acenaphthene-d10A	6.781	164	151966	40.00	ppm		0.00
132) Phenanthrene-d10A	8.341	188	282184	40.00	ppm		0.00
147) Chrysene-d12A	12.129	240	242397	40.00	ppm		0.00
154) Perylene-d12A	14.213	264	248833	40.00	ppm		0.00
157) 1,4-Dichlorobenzene-d4b	4.532	152	77314	40.00	ppm		0.00
159) Phenanthrene-d10b	8.341	188	282184	40.00	ppm		0.00
161) Naphthalene-d8b	5.446	136	296329	40.00	ppm		0.00
163) Naphthalene-d8c	5.446	136	296329	40.00	ppm		0.00
167) 1,4-Dichlorobenzene-d4c	4.532	152	77314	40.00	ppm		0.00
169) Chrysene-d12c	12.129	240	242397	40.00	ppm		0.00
171) Chrysene-d12d	12.129	240	242397	40.00	ppm		0.00
173) Naphthalene-d8d	5.446	136	296329	40.00	ppm		0.00
175) Chrysene-d12e	12.129	240	242397	40.00	ppm		0.00
177) Perylene-d12b	14.213	264	248833	40.00	ppm		0.00
179) Naphthalene-d8e	5.446	136	296329	40.00	ppm	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.581	112	114173	54.99	ppm		0.00
Spiked Amount 50.000			Recovery = 109.98%				
8) Phenol-d5	4.292	99	143473	59.45	ppm		0.00
Spiked Amount 50.000			Recovery = 118.90%				
25) Nitrobenzene-d5	4.938	82	134760	63.81	ppm		0.00
Spiked Amount 50.000			Recovery = 127.62%				
51) 2-Fluorobiphenyl	6.226	172	283360	53.18	ppm		0.00
Spiked Amount 50.000			Recovery = 106.36%				
73) 2,4,6-Tribromophenol	7.551	330	32289	47.12	ppm		0.00
Spiked Amount 50.000			Recovery = 94.24%				
86) Terphenyl-d14	10.564	244	285326	50.33	ppm		0.00
Spiked Amount 50.000			Recovery = 100.66%				
Target Compounds							Qvalue
2) 1,4-Dioxane	2.144	88	46533	47.6484	ppm		89
3) Pyridine	2.454	79	129644	57.4271	ppm		96
4) N-Nitrosodimethylamine	2.422	42	61826	52.6993	ppm		95
6) Indene	4.714	116	226221	55.6183	ppm		97
7) Cumene	3.939	105	253732	57.0653	ppm		96
9) Phenol	4.303	94	165292	61.3228	ppm		81
10) Aniline	4.297	93	187044	54.6920	ppm		59
11) bis(2-Chloroethyl)ether	4.345	93	120048	56.8726	ppm		99
12) 2-Chlorophenol	4.388	128	129149	55.6219	ppm		98
13) Decane	4.409	43	132612	57.9401	ppm		97
14) 1,3-Dichlorobenzene	4.490	146	143282	51.9682	ppm		99
15) 1,4-Dichlorobenzene	4.543	146	146920	52.0402	ppm		99
16) Benzyl alcohol	4.645	108	80819	56.6756	ppm		98
17) 1,2-Dichlorobenzene	4.650	146	139982	51.7838	ppm		100
18) Acetophenone	4.826	105	182174	54.1702	ppm		95
19) 2-Methylphenol	4.730	108	116147	58.5168	ppm		99
20) 2,2'-oxybis(1-Chloropr...	4.725	121	34394	51.1751	ppm	#	42
21) 3&4-Methylphenol	4.848	108	244040	116.1429	ppm		98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224237.D
Acq On : 28 Jan 2025 8:16 am
Operator : kaleigh
Sample : cc9899-50 Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 28 16:10:02 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:05:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
22) n-Nitroso-di-n-propyla...	4.826	70	91094	59.3953	ppm		93
23) Hexachloroethane	4.890	201	53844	49.4871	ppm		83
26) Nitrobenzene	4.949	77	142248	62.7232	ppm		97
27) Quinoline	5.713	129	256700	55.5665	ppm		97
28) Isophorone	5.120	82	240767	58.0936	ppm		95
29) 2-Nitrophenol	5.179	139	71365	61.1612	ppm		75
30) 2,4-Dimethylphenol	5.216	107	135260	59.0975	ppm		97
31) Benzoic acid	5.323	105	85311	59.8532	ppm	#	47
32) bis(2-Chloroethoxy)met...	5.275	93	153631	56.8439	ppm		98
33) 2,4-Dichlorophenol	5.360	162	110233	54.4156	ppm		94
34) 2,6-Dichlorophenol	5.510	162	109575	52.8740	ppm		94
35) 1,3,5-Trichlorobenzene	5.179	180	123087	46.7383	ppm		97
36) 1,2,4-Trichlorobenzene	5.403	180	114266	46.6349	ppm		91
37) 1,2,3-Trichlorobenzene	5.563	180	118560	47.5382	ppm		98
38) Naphthalene	5.462	128	382492	53.5203	ppm		99
39) 4-Chloroaniline	5.510	127	159435	53.7442	ppm		99
40) 2,3-Dichloroaniline	6.167	161	123117	50.1028	ppm		95
41) Hydroquinone	5.777	110	94605	48.5373	ppm		97
42) Hexachlorobutadiene	5.542	225	73066	46.5292	ppm		97
43) 4-Chloro-3-methylphenol	5.863	107	109857	60.1798	ppm		86
44) 2-Methylnaphthalene	5.953	141	228920	53.2307	ppm		97
45) 1-Methylnaphthalene	6.028	142	236707	52.7370	ppm		99
47) Hexachlorocyclopentadiene	6.066	237	150634	101.4415	ppm		98
48) 1,2,4,5-tetrachloroben...	6.076	216	121160	47.5292	ppm		100
49) 2,4,6-Trichlorophenol	6.172	196	80517	54.4843	ppm		95
50) 2,4,5-Trichlorophenol	6.215	196	88458	52.2828	ppm		98
52) 2-Chloronaphthalene	6.322	162	242177	52.8299	ppm		100
53) Biphenyl	6.306	154	315965	53.6982	ppm		99
54) 2-Nitroaniline	6.413	65	71543	69.3332	ppm		87
55) Dimethylphthalate	6.552	163	272874	54.2762	ppm		99
56) Acenaphthylene	6.664	152	359705	56.7279	ppm		98
57) 2,6-Dinitrotoluene	6.610	165	58163	58.6282	ppm		97
58) 3-Nitroaniline	6.765	138	67550	61.5942	ppm		92
59) Acenaphthene	6.814	153	260210	53.2504	ppm		99
60) 2,4-Dinitrophenol	6.862	184	74235	130.3256	ppm	#	49
61) 4-Nitrophenol	6.952	109	39926	63.4283	ppm		92
62) Dibenzofuran	6.968	168	353474	52.1271	ppm		89
63) 2,4-Dinitrotoluene	6.974	165	84678	60.3529	ppm		85
64) 2,3,4,6-Tetrachlorophenol	7.097	232	63564	48.7201	ppm		93
65) Diethylphthalate	7.193	149	300745	56.9212	ppm		96
66) Fluorene	7.300	166	279607	53.3113	ppm		98
67) 4-Chlorophenyl-phenyle...	7.300	204	130719	45.9312	ppm		88
68) 4-Nitroaniline	7.348	138	64997	55.6072	ppm		92
70) 4,6-Dinitro-2-methylph...	7.369	198	47177	68.7419	ppm		80
71) n-Nitrosodiphenylamine	7.428	169	226783	54.6003	ppm		95
72) 1,2-Diphenylhydrazine	7.465	77	284883	64.8838	ppm		97
74) 4-Bromophenyl-phenylether	7.823	248	68610	45.4072	ppm		94
75) Hexachlorobenzene	7.887	284	70689	43.5924	ppm		94
76) Pentachlorophenol	8.128	266	95020	89.7421	ppm		98
77) Phenanthrene	8.373	178	391573	52.2141	ppm		98
78) Anthracene	8.438	178	399706	54.2106	ppm		100
79) Carbazole	8.657	167	379824	56.2043	ppm		98
80) Di-n-butylphthalate	9.148	149	518250	64.9479	ppm		99
81) Fluoranthene	9.960	202	435759	53.7292	ppm		90
82) Octadecane	8.235	57	177137	69.9116	ppm		97
84) Benzidine	10.206	184	200548	47.0121	ppm		98
85) Pyrene	10.286	202	462775	57.7732	ppm		93
87) Butylbenzylphthalate	11.354	149	225729	70.0338	ppm		89

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224237.D
Acq On : 28 Jan 2025 8:16 am
Operator : kaleigh
Sample : cc9899-50 Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 28 16:10:02 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:05:54 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88)	Benzo[a]anthracene	12.113	228	385719	53.5435	ppm	100
89)	3,3'-Dichlorobenzidine	12.124	252	147193	57.4294	ppm	97
90)	Chrysene	12.166	228	395898	51.5876	ppm	98
91)	bis(2-Ethylhexyl)phtha...	12.295	149	346563	68.0816	ppm	94
93)	Di-n-octylphthalate	13.278	149	588735	71.9256	ppm	99
94)	Benzo[b]fluoranthene	13.705	252	413839	58.7138	ppm	94
95)	Benzo[k]fluoranthene	13.737	252	378669	53.2411	ppm	96
96)	Benzo[a]pyrene	14.138	252	338570	57.9820	ppm	94
97)	Indeno[1,2,3-cd]pyrene	15.553	276	364127m	53.5274	ppm	
98)	Dibenz(a,h)acridine	15.281	279	283886	53.9027	ppm	100
99)	Dibenz[a,h]anthracene	15.585	278	345903	56.1105	ppm	91
100)	7,12-Dimethylbenz(a)an...	13.694	256	154221	50.3209	ppm	98
101)	Benzo[g,h,i]perylene	15.890	276	333740	56.4047	ppm	88

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

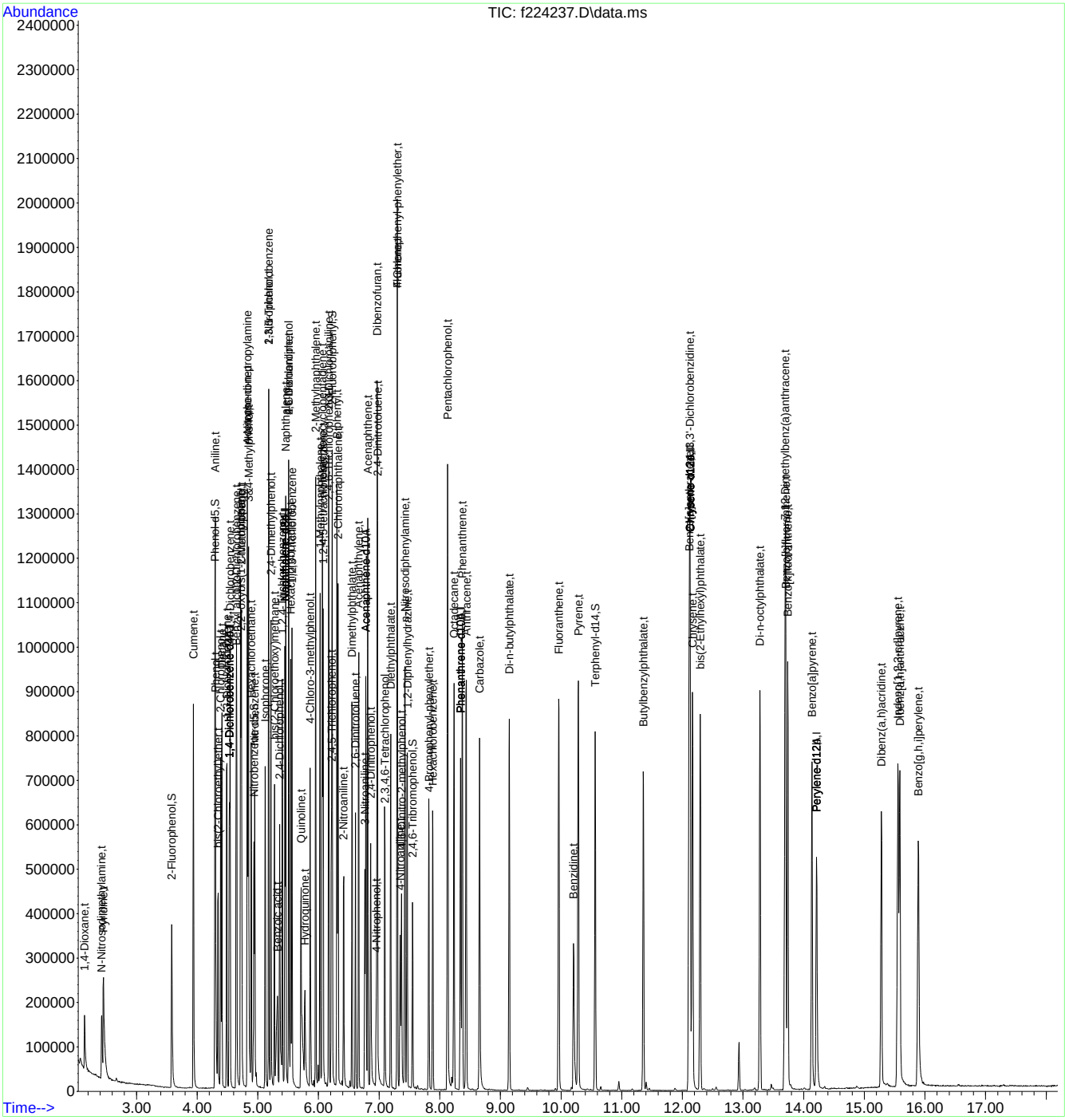
7.6.33

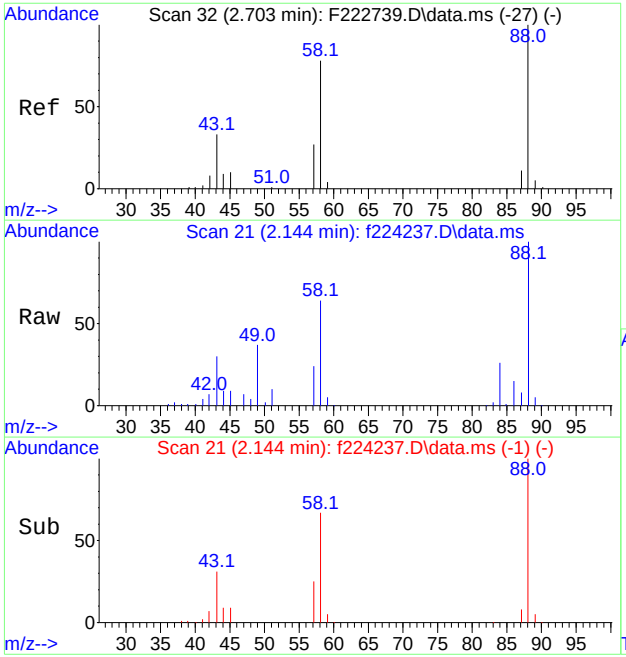
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Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224237.D
Acq On : 28 Jan 2025 8:16 am
Operator : kaleigh
Sample : cc9899-50 Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 28 16:10:02 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:05:54 2025
Response via : Initial Calibration

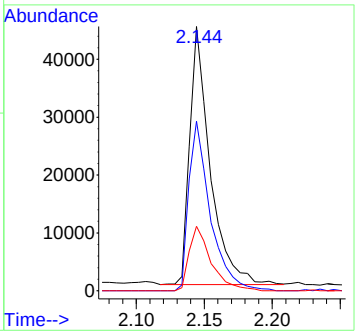


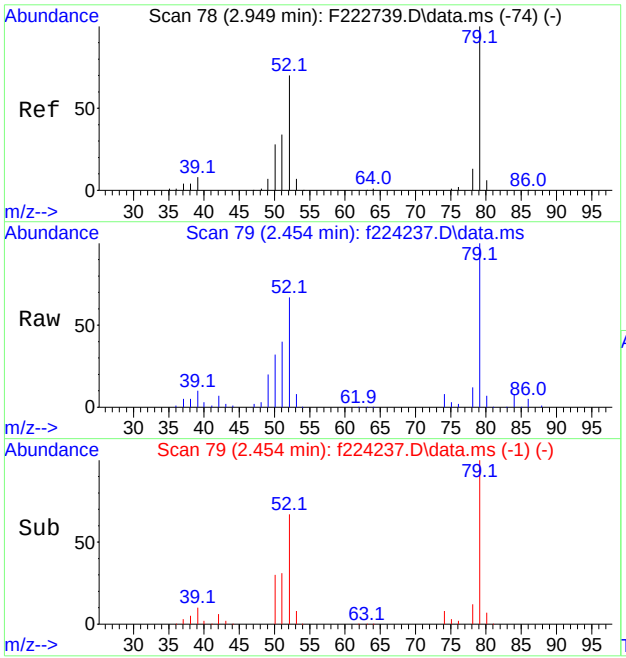


#2
1,4-Dioxane
Concen: 47.6484 ppm
RT: 2.144 min Scan# 21
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 88 Resp: 46533

Ion	Ratio	Lower	Upper
88	100		
58	65.8	47.8	107.8
57	25.0	0.0	57.3

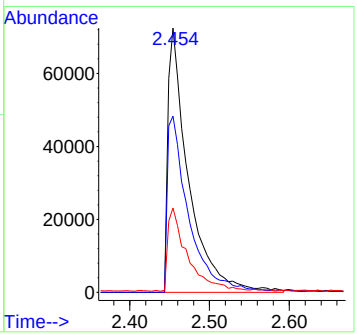


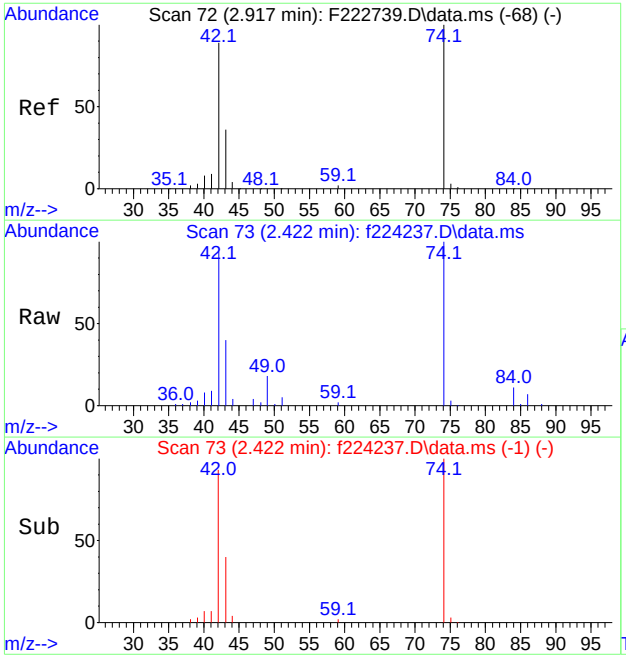


#3
Pyridine
Concen: 57.4271 ppm
RT: 2.454 min Scan# 79
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 79 Resp: 129644

Ion	Ratio	Lower	Upper
79	100		
52	66.6	39.7	99.7
50	31.4	0.0	58.3

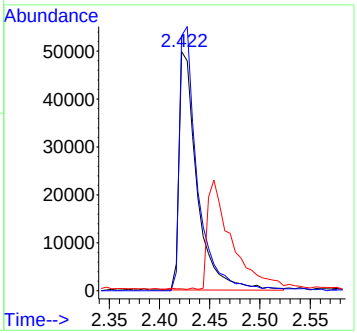


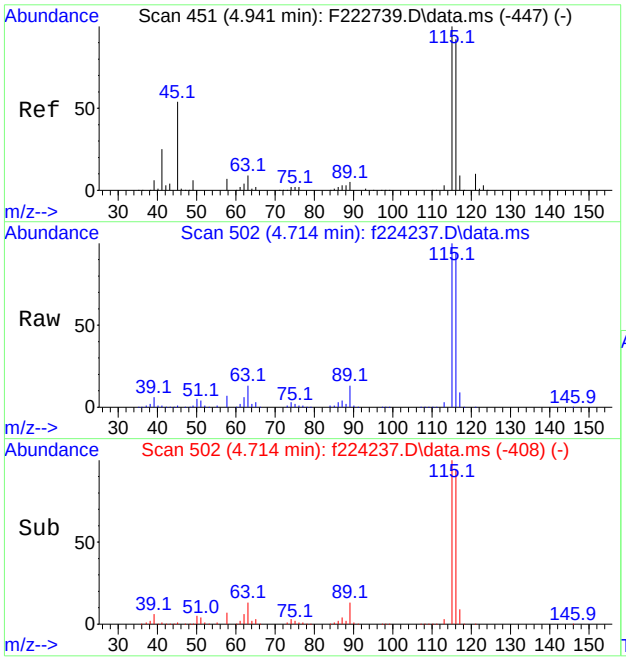


#4
N-Nitrosodimethylamine
Concen: 52.6993 ppm
RT: 2.422 min Scan# 73
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 42 Resp: 61826

Ion	Ratio	Lower	Upper
42	100		
74	107.0	82.4	142.4
50	0.0	0.0	30.0

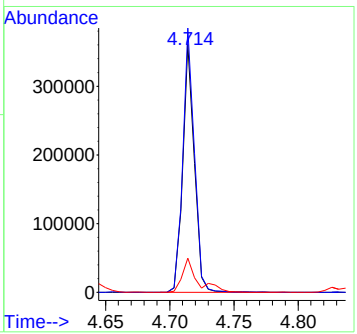


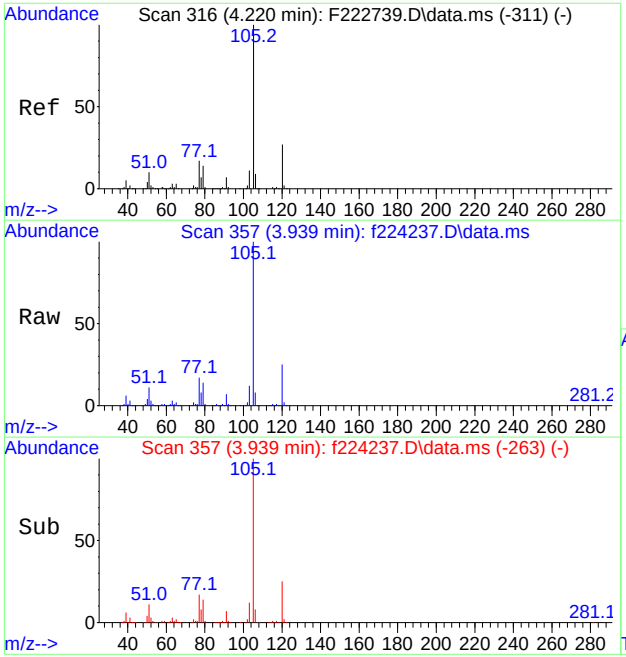


#6
Indene
Concen: 55.6183 ppm
RT: 4.714 min Scan# 502
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:116 Resp: 226221

Ion	Ratio	Lower	Upper
116	100		
115	106.6	78.6	138.6
63	13.8	0.0	39.9

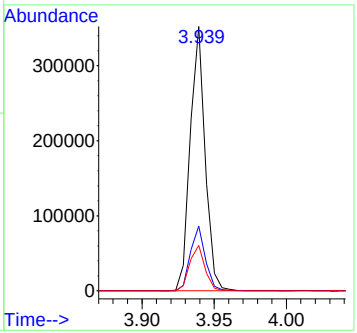


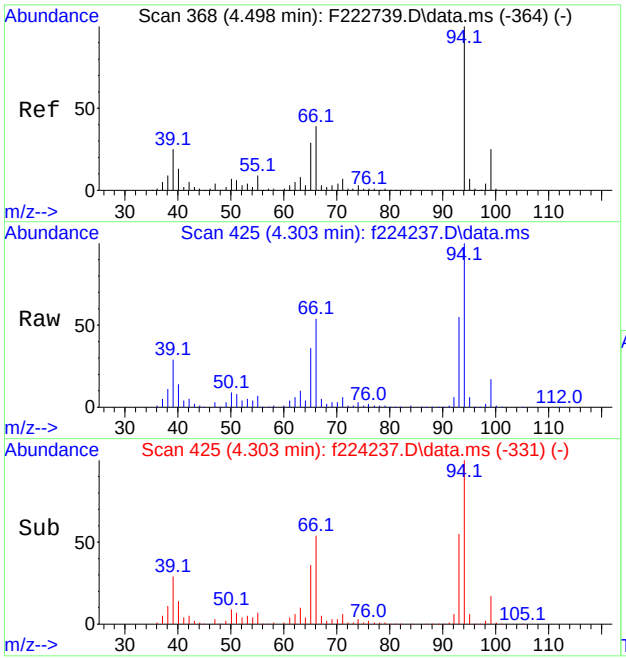


#7
Cumene
Concen: 57.0653 ppm
RT: 3.939 min Scan# 357
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:105 Resp: 253732

Ion	Ratio	Lower	Upper
105	100		
120	24.5	0.0	57.2
77	17.2	0.0	46.5

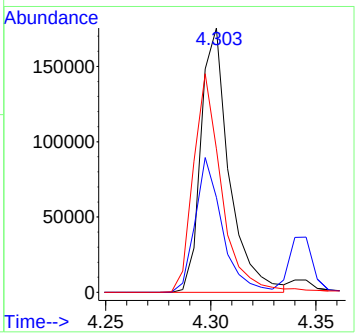


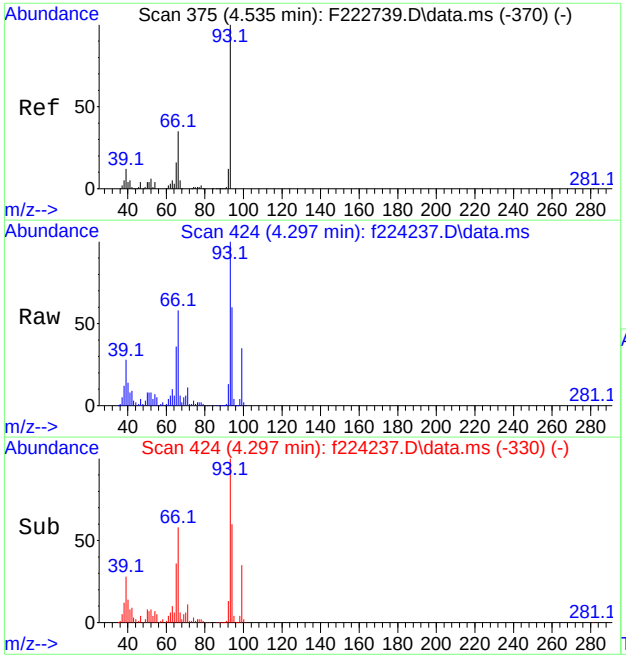


#9
Phenol
Concen: 61.3228 ppm
RT: 4.303 min Scan# 425
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 94 Resp: 165292

Ion	Ratio	Lower	Upper
94	100		
65	34.2	0.0	59.1
66	54.4	8.7	68.7

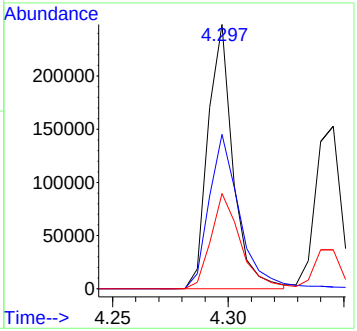


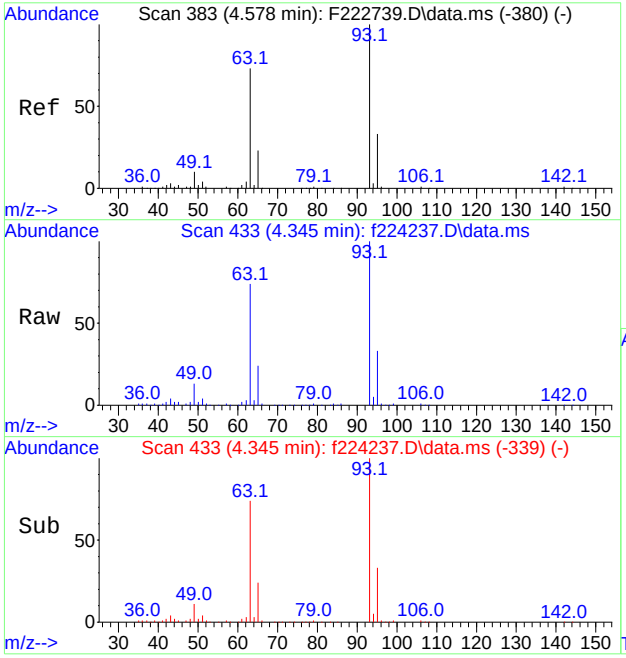


#10
Aniline
Concen: 54.6920 ppm
RT: 4.297 min Scan# 424
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 93 Resp: 187044

Ion	Ratio	Lower	Upper
93	100		
66	57.8	5.0	65.0
65	35.6	0.0	46.2

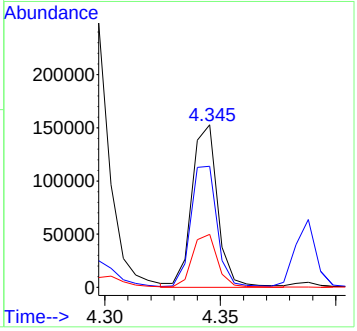


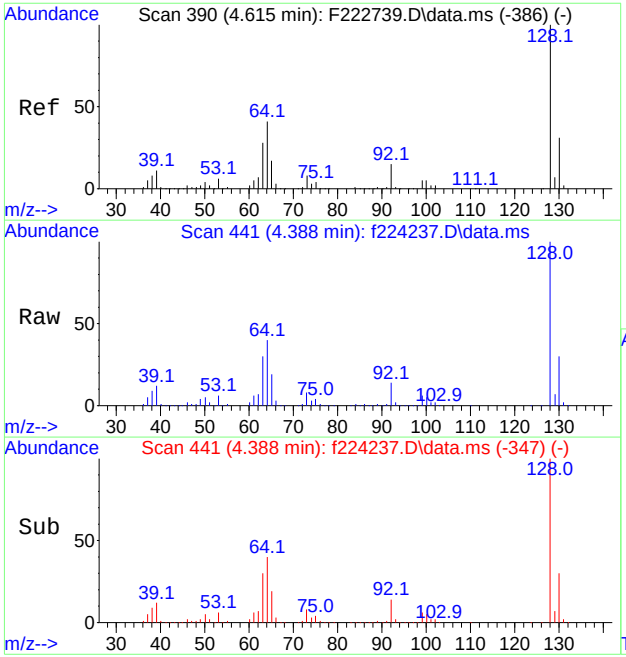


#11
bis(2-Chloroethyl)ether
Concen: 56.8726 ppm
RT: 4.345 min Scan# 433
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 93 Resp: 120048

Ion	Ratio	Lower	Upper
93	100		
63	73.9	43.4	103.4
95	32.9	2.6	62.6

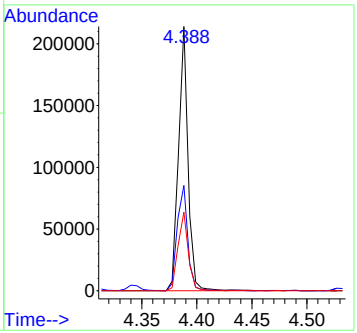


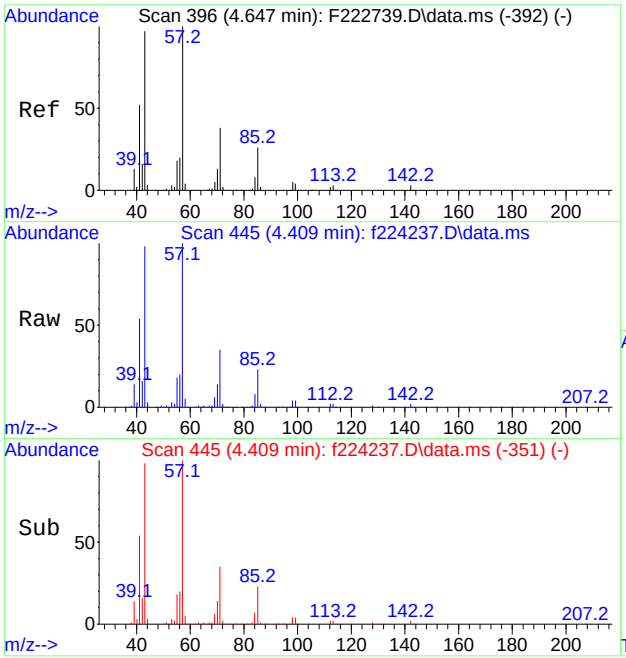


#12
2-Chlorophenol
Concen: 55.6219 ppm
RT: 4.388 min Scan# 441
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:128 Resp: 129149

Ion	Ratio	Lower	Upper
128	100		
64	39.8	10.9	70.9
130	29.8	1.2	61.2

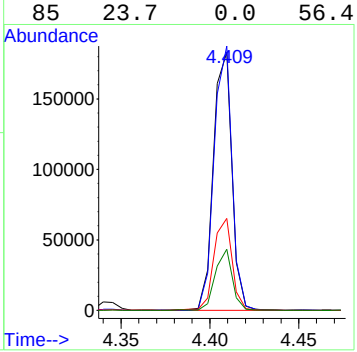


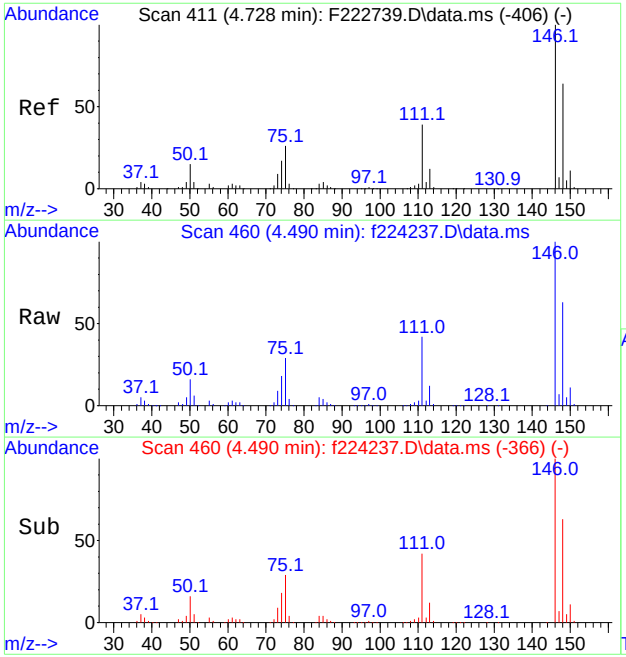


#13
Decane
Concen: 57.9401 ppm
RT: 4.409 min Scan# 445
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 43 Resp: 132612

Ion	Ratio	Lower	Upper
43	100		
57	102.5	73.5	133.5
71	35.7	9.4	69.4
85	23.7	0.0	56.4

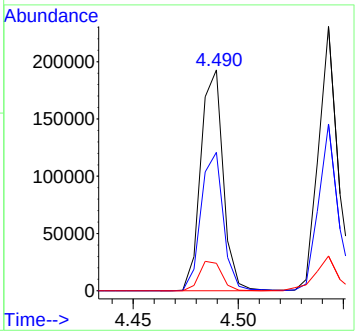


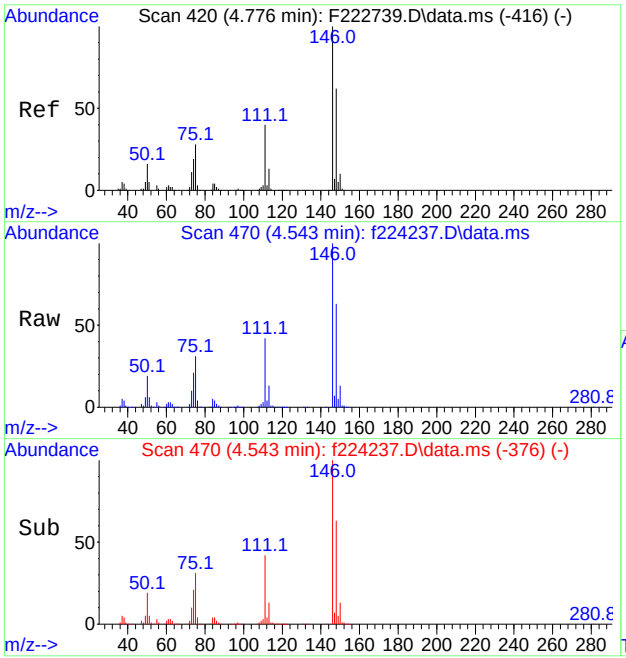


#14
1,3-Dichlorobenzene
Concen: 51.9682 ppm
RT: 4.490 min Scan# 460
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:146 Resp: 143282

Ion	Ratio	Lower	Upper
146	100		
148	62.7	33.6	93.6
113	12.3	0.0	42.0

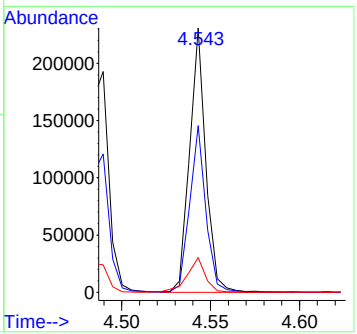


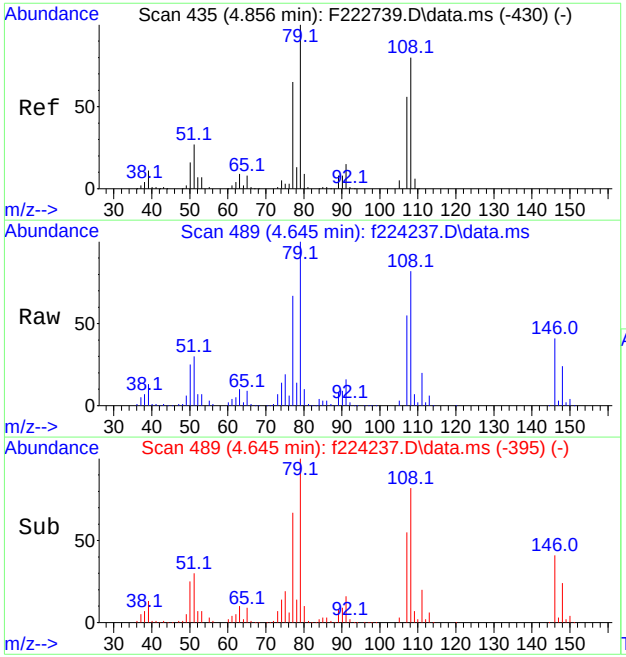


#15
1,4-Dichlorobenzene
Concen: 52.0402 ppm
RT: 4.543 min Scan# 470
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:146 Resp: 146920

Ion	Ratio	Lower	Upper
146	100		
148	63.1	32.0	92.0
113	13.1	0.0	42.6

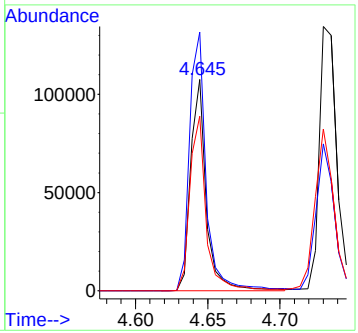


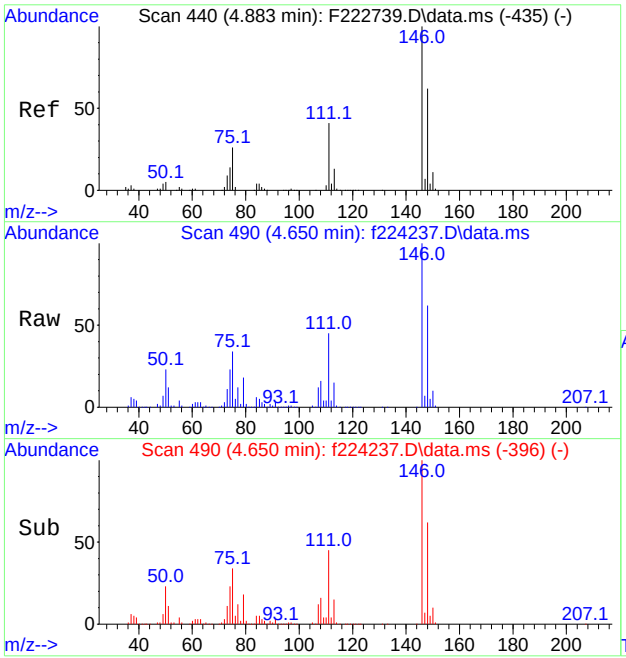


#16
Benzyl alcohol
Concen: 56.6756 ppm
RT: 4.645 min Scan# 489
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:108 Resp: 80819

Ion	Ratio	Lower	Upper
108	100		
79	122.2	95.7	155.7
77	82.5	51.4	111.4

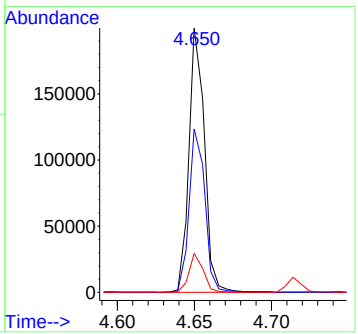


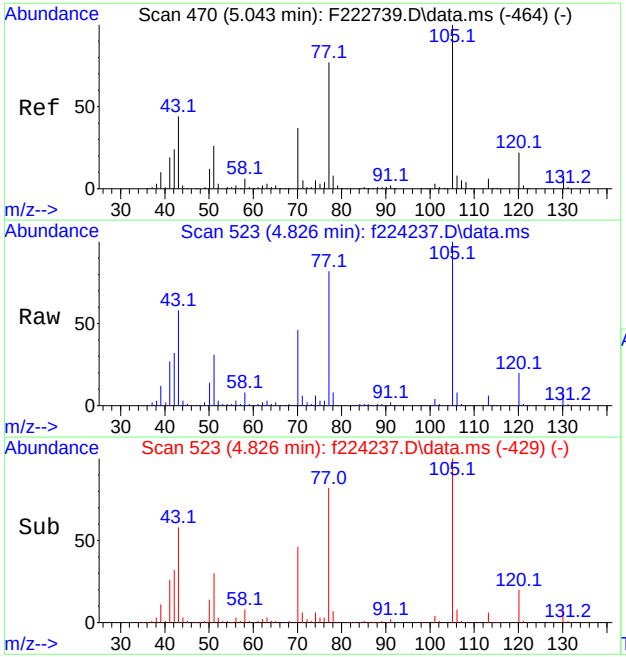


#17
1,2-Dichlorobenzene
Concen: 51.7838 ppm
RT: 4.650 min Scan# 490
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:146 Resp: 139982

Ion	Ratio	Lower	Upper
146	100		
148	61.7	31.8	91.8
113	13.7	0.0	42.9

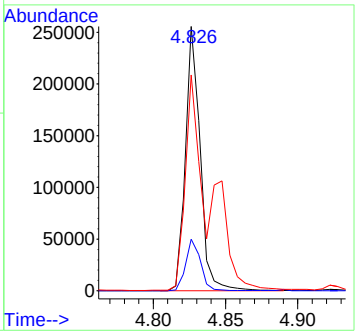


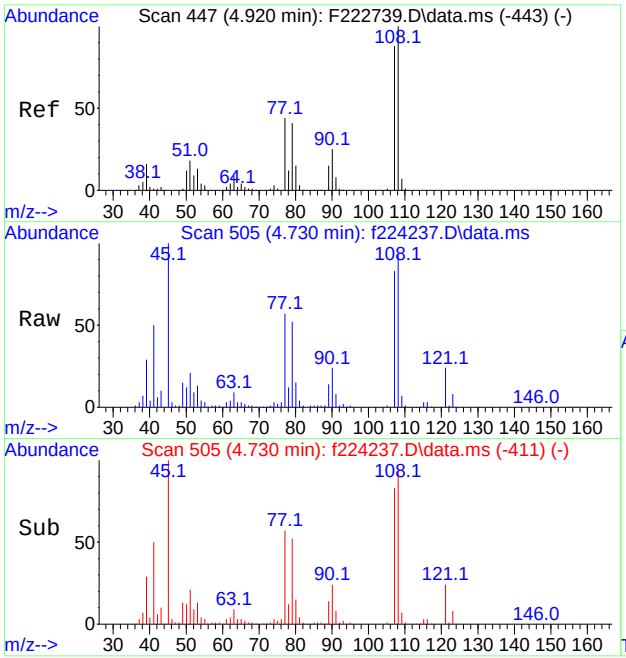


#18
Acetophenone
Concen: 54.1702 ppm
RT: 4.826 min Scan# 523
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:105 Resp: 182174

Ion	Ratio	Lower	Upper
105	100		
120	19.3	0.0	51.6
77	81.3	46.5	106.5

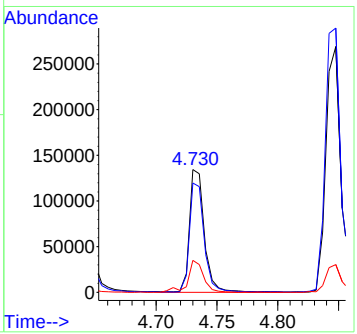


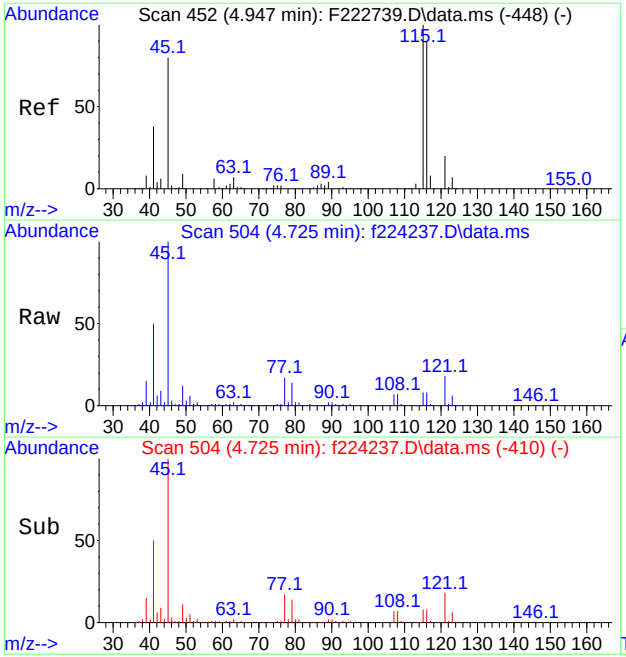


#19
2-Methylphenol
Concen: 58.5168 ppm
RT: 4.730 min Scan# 505
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:108 Resp: 116147

Ion	Ratio	Lower	Upper
108	100		
107	88.9	58.4	118.4
90	26.1	0.0	55.4

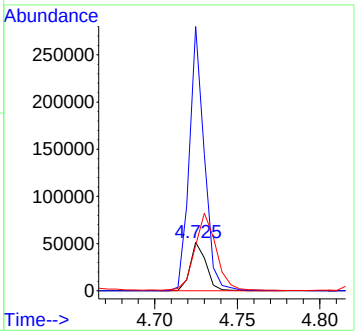


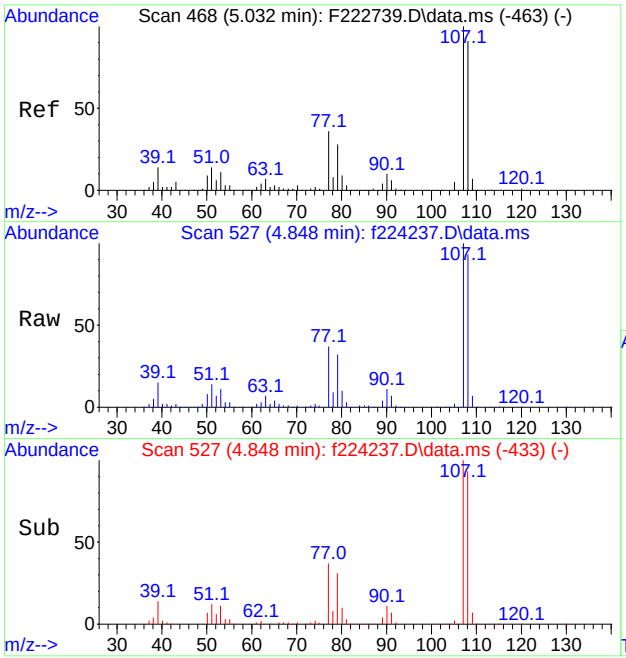


#20
2,2'-oxybis(1-Chloropropane
Concen: 51.1751 ppm
RT: 4.725 min Scan# 504
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:121 Resp: 34394

Ion	Ratio	Lower	Upper
121	100		
45	543.2	374.8	434.8#
77	92.1	0.0	30.0#

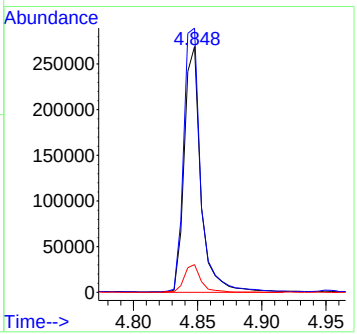


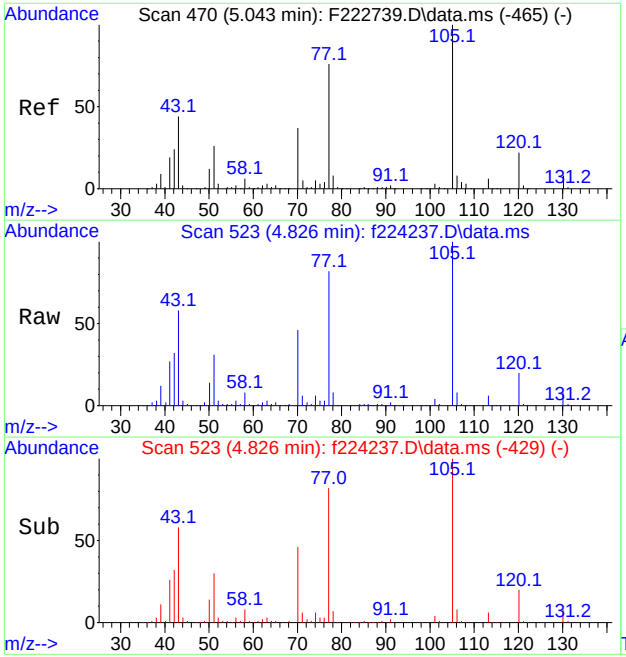


#21
3&4-Methylphenol
Concen: 116.1429 ppm
RT: 4.848 min Scan# 527
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:108 Resp: 244040

Ion	Ratio	Lower	Upper
108	100		
107	107.4	80.0	140.0
90	11.3	0.0	41.5

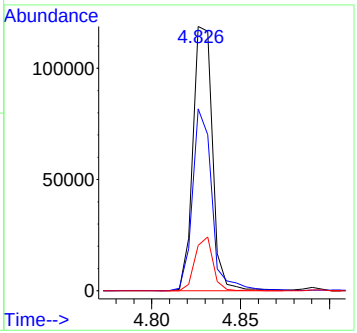


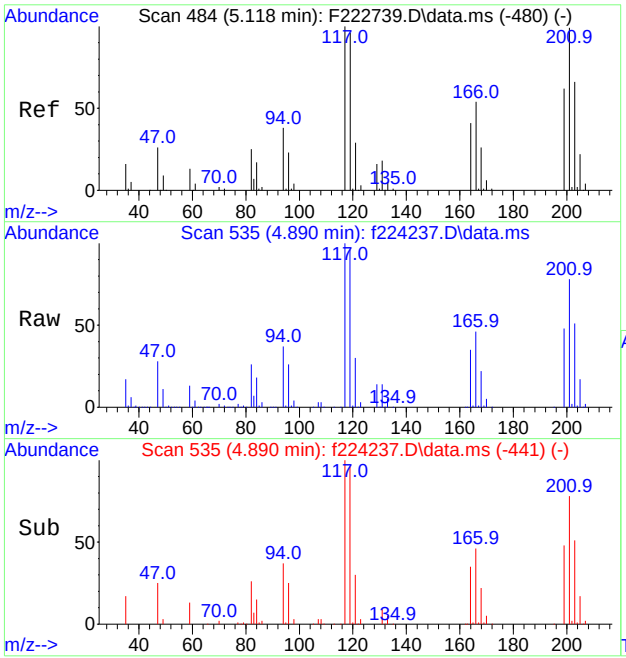


#22
n-Nitroso-di-n-propylamine
Concen: 59.3953 ppm
RT: 4.826 min Scan# 523
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 70 Resp: 91094

Ion	Ratio	Lower	Upper
70	100		
42	68.7	44.9	83.5
130	17.3	15.4	28.6

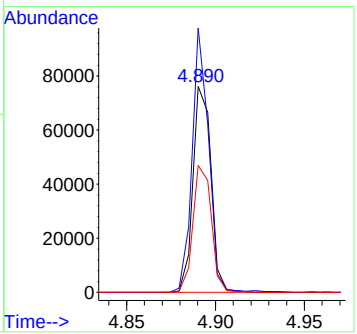


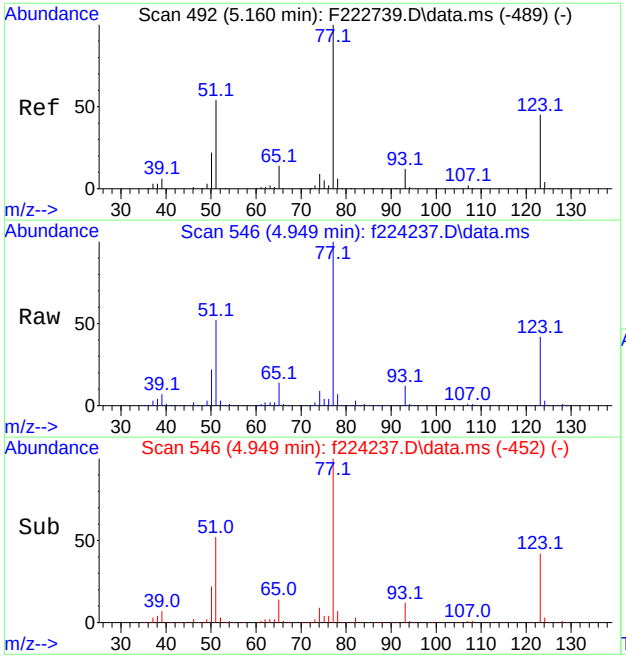


#23
Hexachloroethane
Concen: 49.4871 ppm
RT: 4.890 min Scan# 535
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:201 Resp: 53844

Ion	Ratio	Lower	Upper
201	100		
117	128.1	70.8	130.8
199	61.6	32.9	92.9

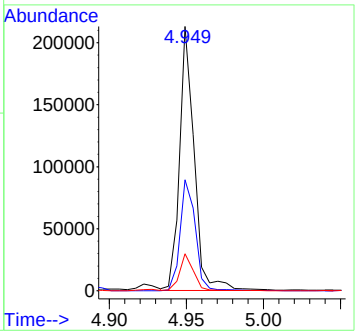


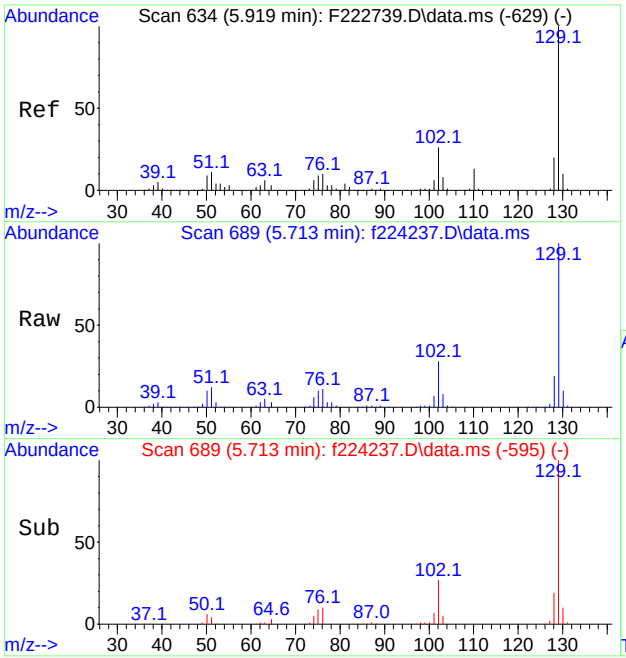


#26
Nitrobenzene
Concen: 62.7232 ppm
RT: 4.949 min Scan# 546
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 77 Resp: 142248

Ion	Ratio	Lower	Upper
77	100		
123	42.2	15.0	75.0
65	14.0	0.0	44.2

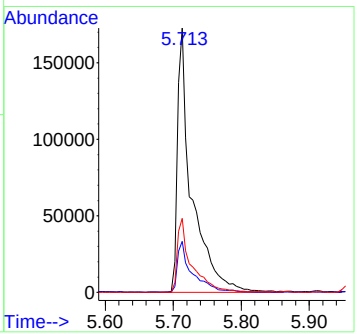


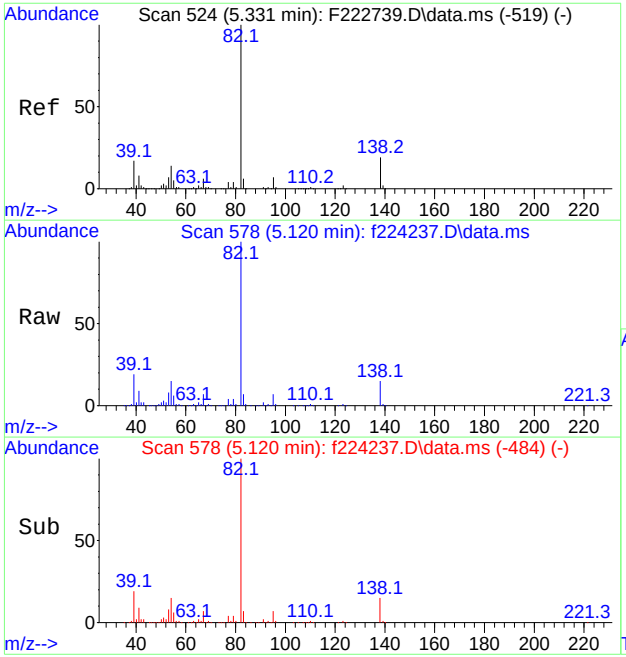


#27
Quinoline
Concen: 55.5665 ppm
RT: 5.713 min Scan# 689
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:129 Resp: 256700

Ion	Ratio	Lower	Upper
129	100		
128	19.2	0.0	49.9
102	27.9	0.0	55.7

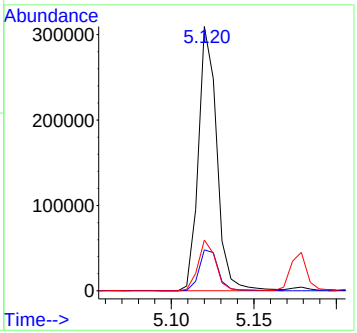


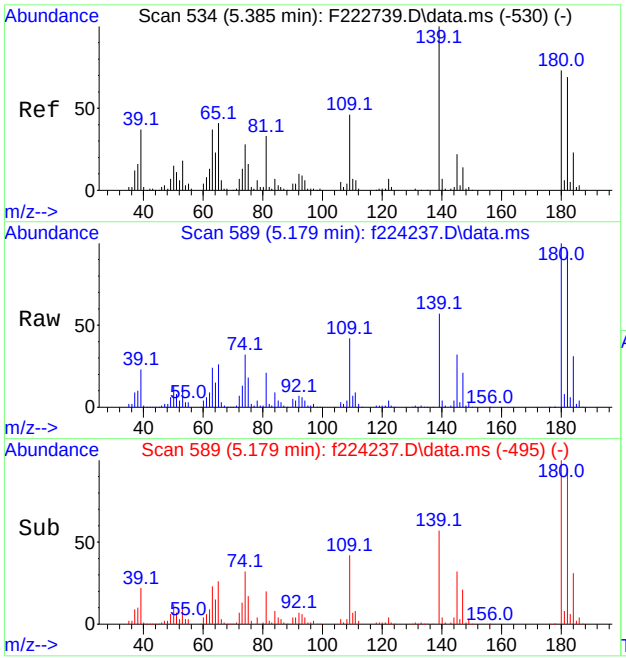


#28
Isophorone
Concen: 58.0936 ppm
RT: 5.120 min Scan# 578
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 82 Resp: 240767

Ion	Ratio	Lower	Upper
82	100		
138	15.5	0.0	48.7
39	18.5	0.0	47.1

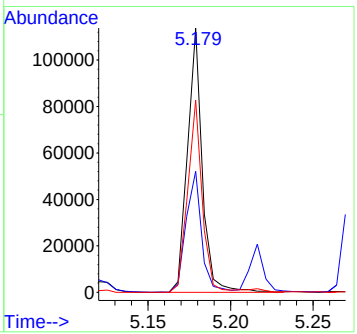


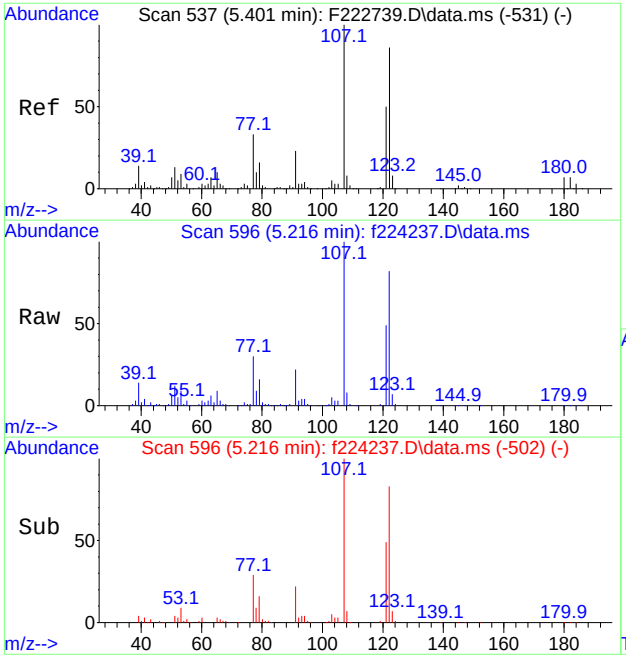


#29
2-Nitrophenol
Concen: 61.1612 ppm
RT: 5.179 min Scan# 589
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:139 Resp: 71365

Ion	Ratio	Lower	Upper
139	100		
65	45.5	10.8	70.8
109	72.7	16.3	76.3

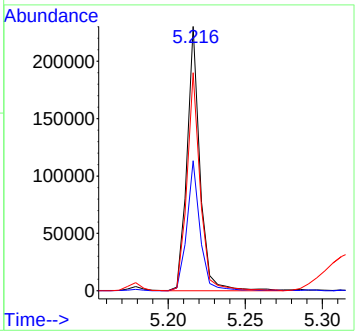


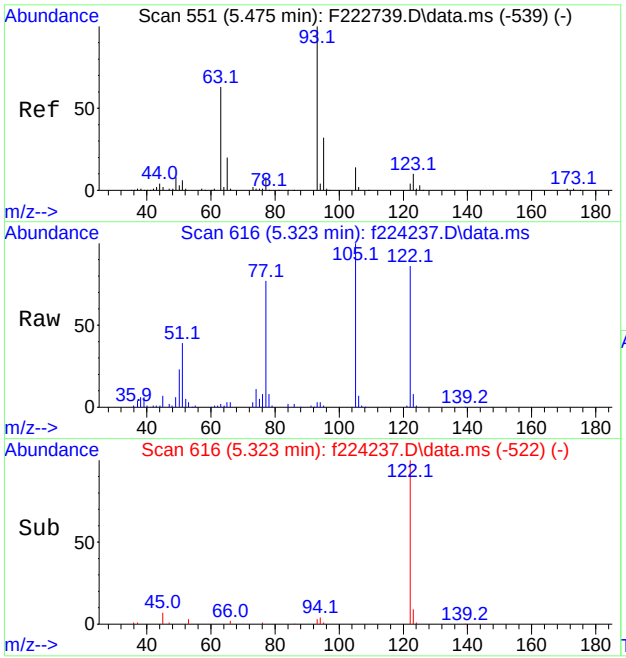


#30
2,4-Dimethylphenol
Concen: 59.0975 ppm
RT: 5.216 min Scan# 596
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:107 Resp: 135260

Ion	Ratio	Lower	Upper
107	100		
121	49.2	20.3	80.3
122	82.6	56.0	116.0

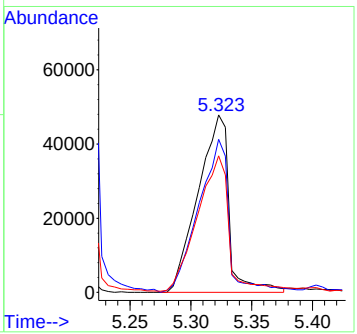


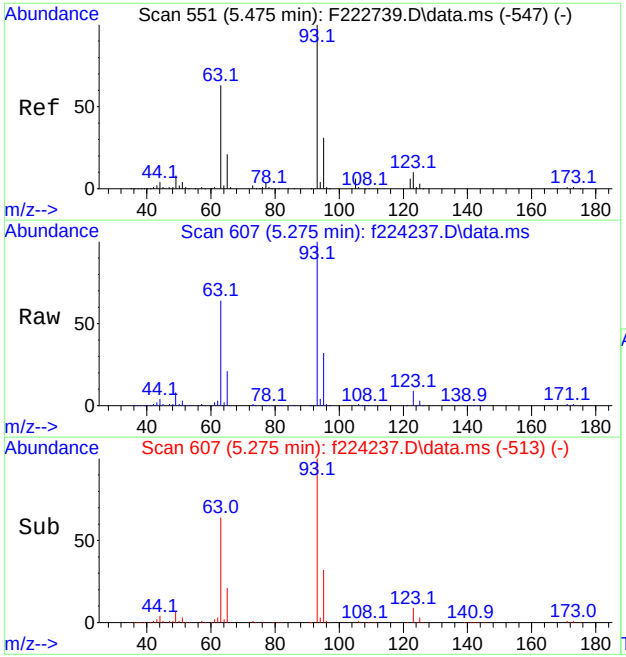


#31
Benzoic acid
Concen: 59.8532 ppm
RT: 5.323 min Scan# 616
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:105 Resp: 85311

Ion	Ratio	Lower	Upper
105	100		
122	86.0	0.0	59.3#
77	76.0	26.9	86.9

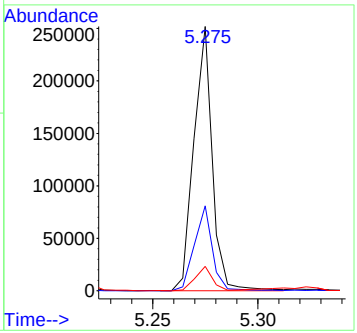


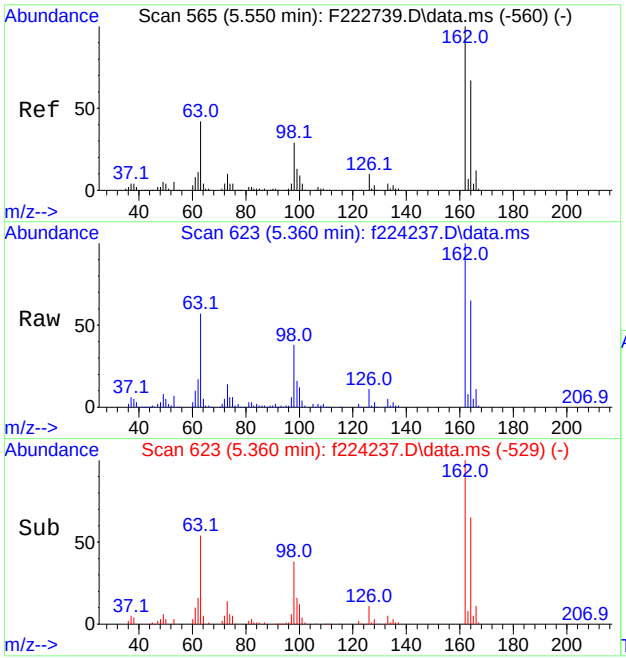


#32
bis(2-Chloroethoxy)methane
Concen: 56.8439 ppm
RT: 5.275 min Scan# 607
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 93 Resp: 153631

Ion	Ratio	Lower	Upper
93	100		
95	32.1	1.4	61.4
123	8.6	0.0	39.6

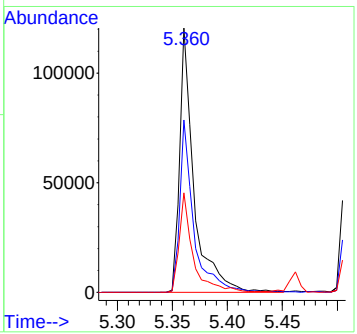


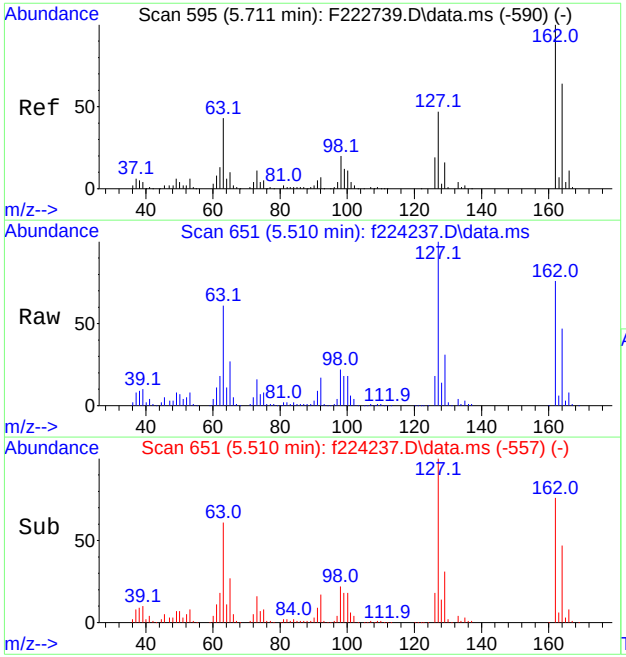


#33
2,4-Dichlorophenol
Concen: 54.4156 ppm
RT: 5.360 min Scan# 623
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:162 Resp: 110233

Ion	Ratio	Lower	Upper
162	100		
164	65.1	36.8	96.8
98	37.5	0.0	59.1

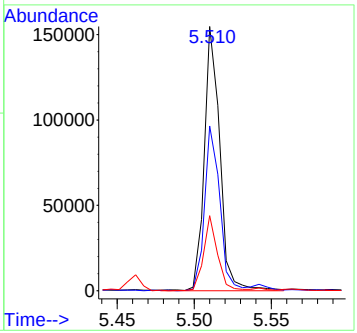


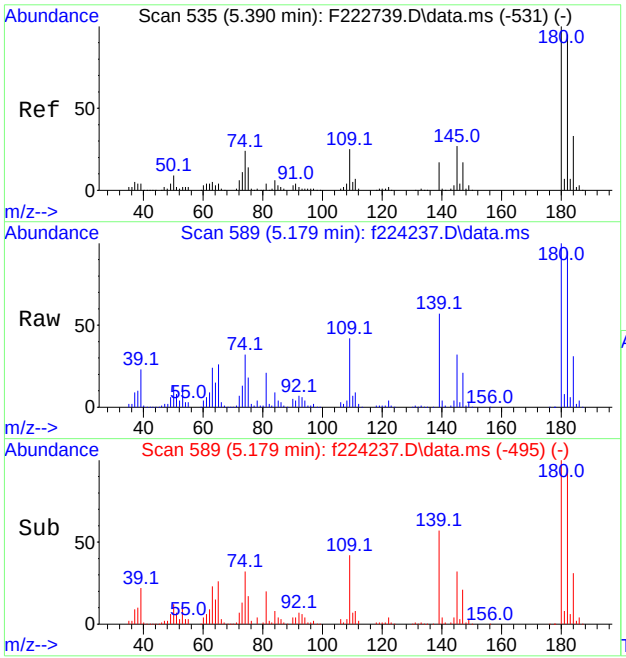


#34
2,6-Dichlorophenol
Concen: 52.8740 ppm
RT: 5.510 min Scan# 651
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:162 Resp: 109575

Ion	Ratio	Lower	Upper
162	100		
164	62.3	34.3	94.3
98	28.2	0.0	49.7

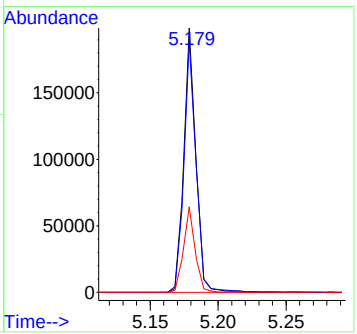


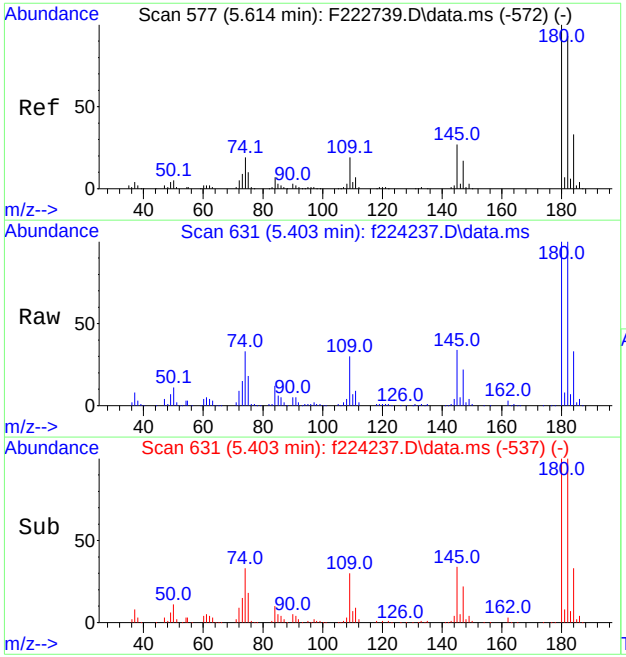


#35
1,3,5-Trichlorobenzene
Concen: 46.7383 ppm
RT: 5.179 min Scan# 589
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:180 Resp: 123087

Ion	Ratio	Lower	Upper
180	100		
182	94.7	65.3	125.3
145	32.4	0.0	57.4

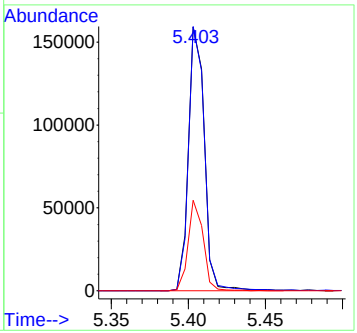


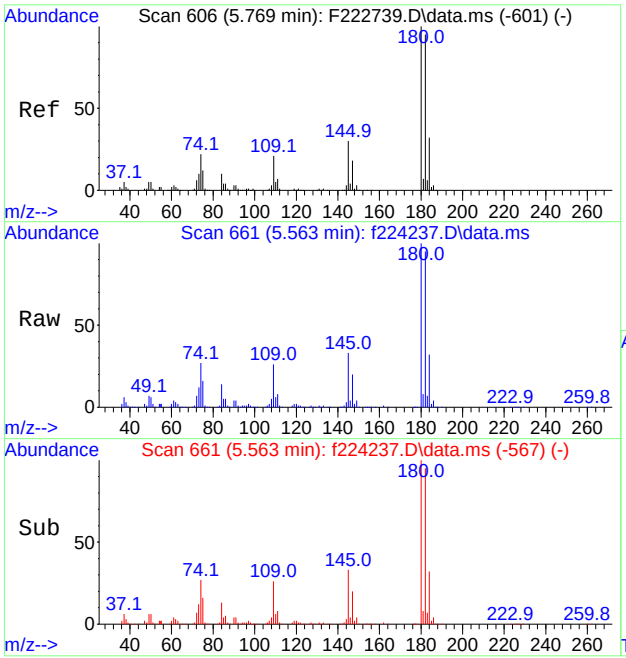


#36
1,2,4-Trichlorobenzene
Concen: 46.6349 ppm
RT: 5.403 min Scan# 631
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:180 Resp: 114266

Ion	Ratio	Lower	Upper
180	100		
182	100.3	63.4	123.4
145	34.4	0.0	56.9

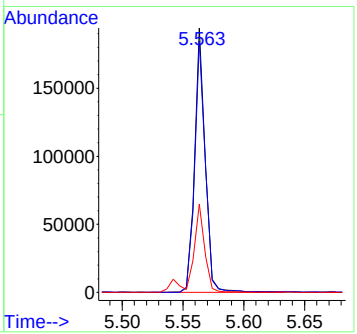


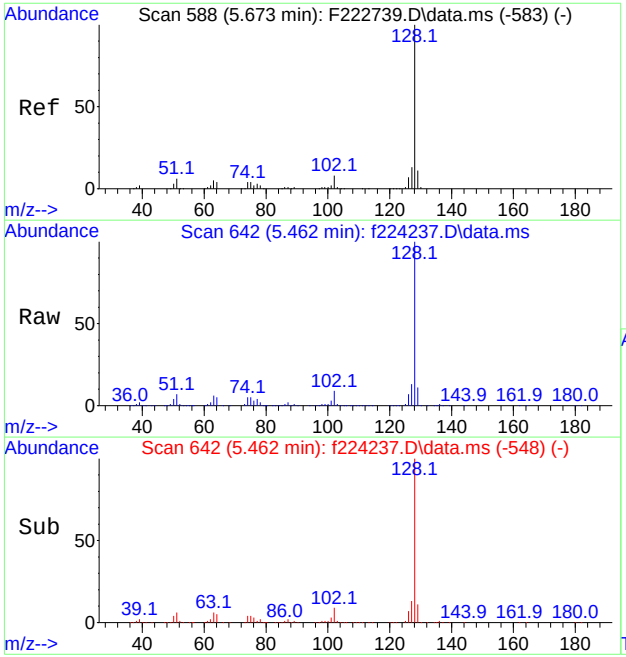


#37
1,2,3-Trichlorobenzene
Concen: 47.5382 ppm
RT: 5.563 min Scan# 661
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:180 Resp: 118560

Ion	Ratio	Lower	Upper
180	100		
182	94.9	64.7	124.7
145	33.4	0.0	59.7

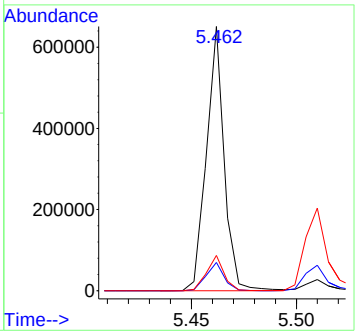


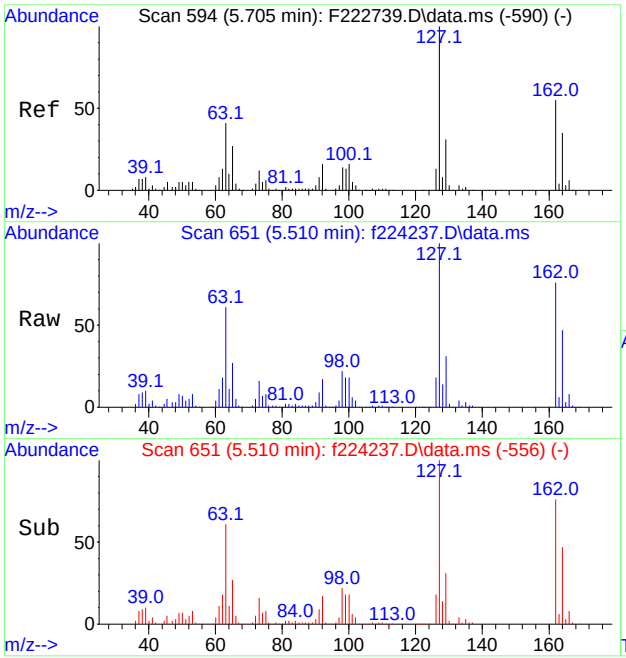


#38
Naphthalene
Concen: 53.5203 ppm
RT: 5.462 min Scan# 642
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:128 Resp: 382492

Ion	Ratio	Lower	Upper
128	100		
129	10.7	0.0	40.6
127	13.3	0.0	42.8

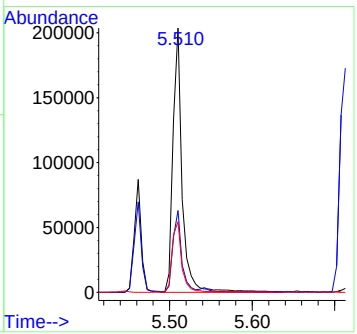


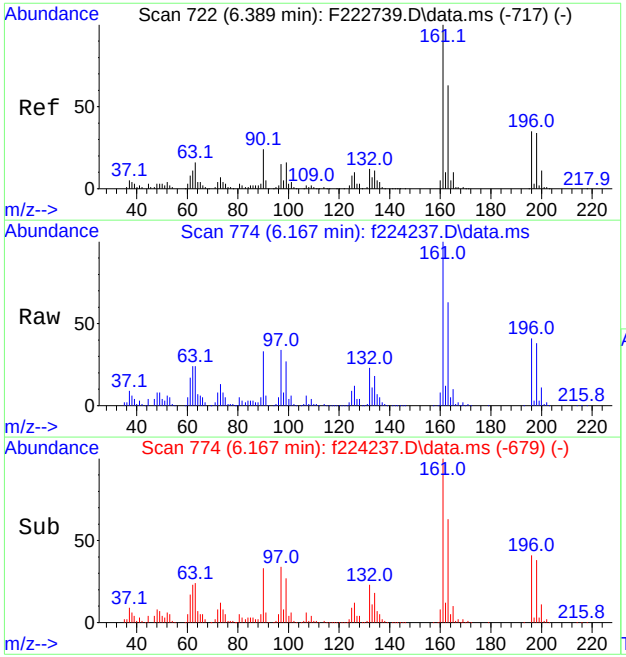


#39
4-Chloroaniline
Concen: 53.7442 ppm
RT: 5.510 min Scan# 651
Delta R.T. 0.007 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:127 Resp: 159435

Ion	Ratio	Lower	Upper
127	100		
129	30.9	1.4	61.4
65	26.7	0.0	57.0

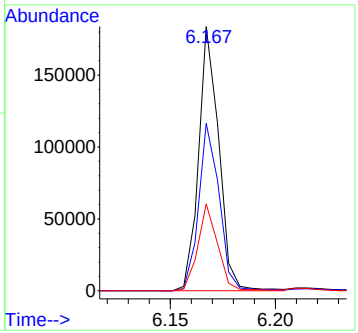


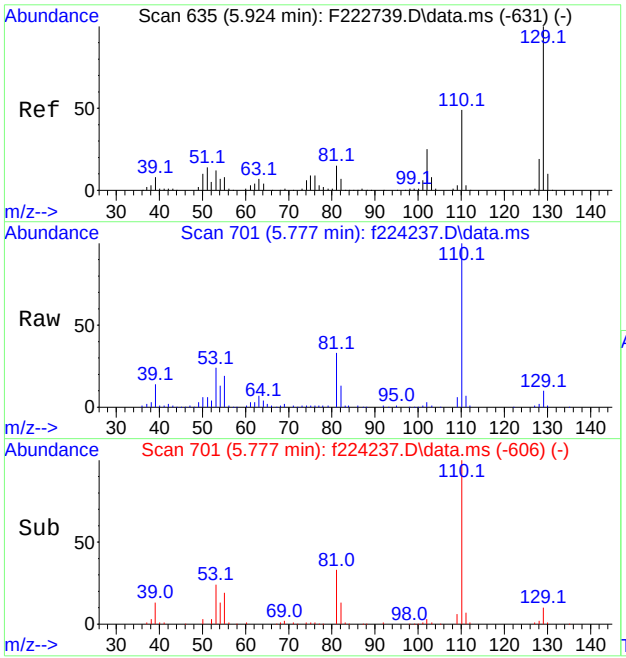


#40
2,3-Dichloroaniline
Concen: 50.1028 ppm
RT: 6.167 min Scan# 774
Delta R.T. 0.009 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:161 Resp: 123117

Ion	Ratio	Lower	Upper
161	100		
163	63.4	32.9	92.9
90	32.8	0.0	54.3

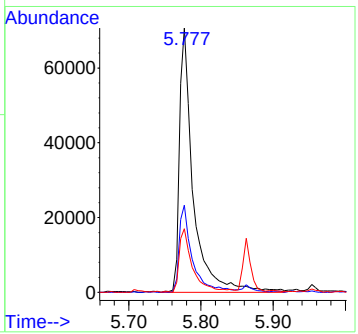


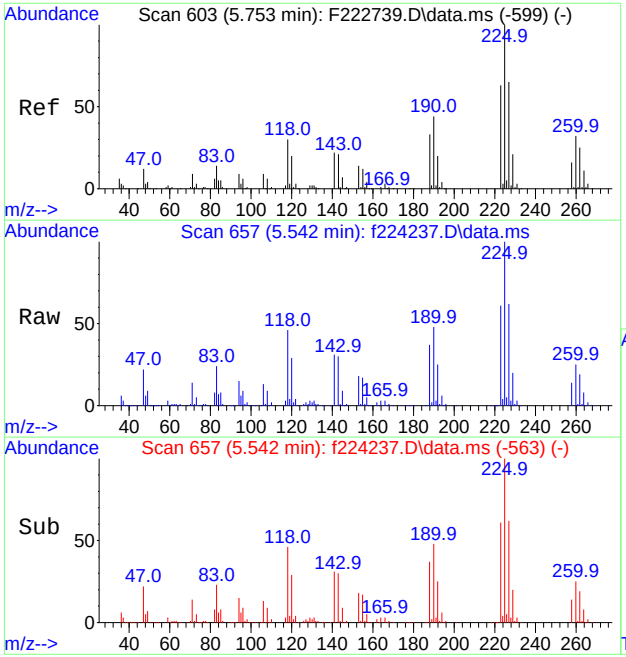


#41
Hydroquinone
Concen: 48.5373 ppm
RT: 5.777 min Scan# 701
Delta R.T. 0.009 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:110 Resp: 94605

Ion	Ratio	Lower	Upper
110	100		
81	33.1	0.7	60.7
53	24.0	0.0	54.6

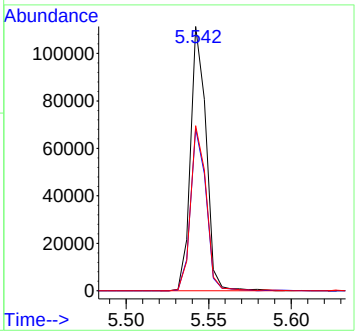


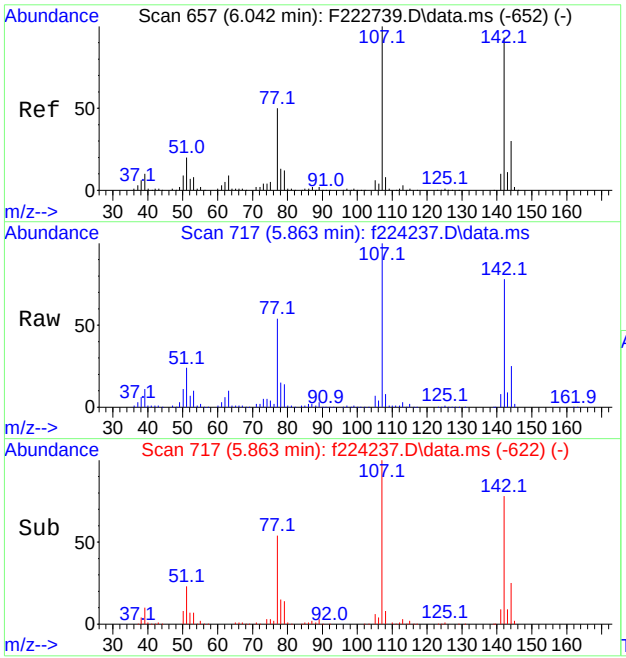


#42
Hexachlorobutadiene
Concen: 46.5292 ppm
RT: 5.542 min Scan# 657
Delta R.T. 0.003 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:225 Resp: 73066

Ion	Ratio	Lower	Upper
225	100		
223	61.3	33.1	93.1
227	62.4	35.0	95.0

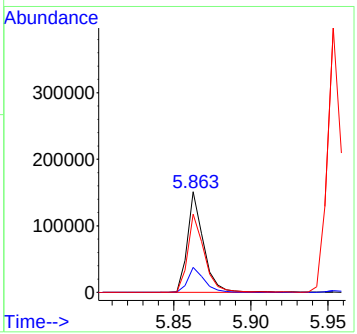


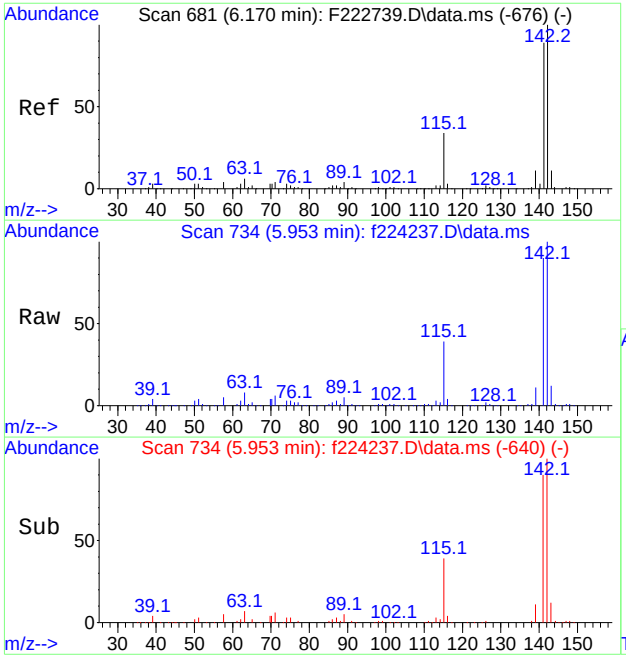


#43
4-Chloro-3-methylphenol
Concen: 60.1798 ppm
RT: 5.863 min Scan# 717
Delta R.T. 0.006 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:107 Resp: 109857

Ion	Ratio	Lower	Upper
107	100		
144	24.8	0.0	59.6
142	77.5	62.6	122.6

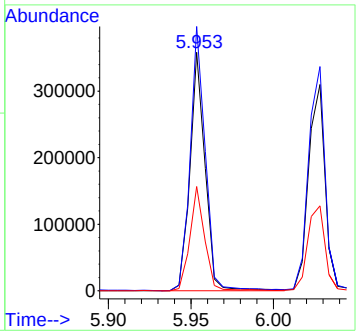


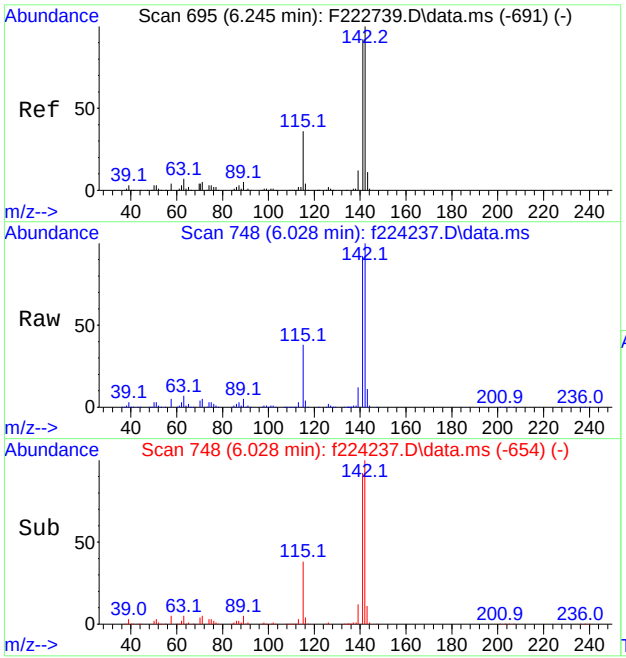


#44
2-Methylnaphthalene
Concen: 53.2307 ppm
RT: 5.953 min Scan# 734
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:141 Resp: 228920

Ion	Ratio	Lower	Upper
141	100		
142	110.8	82.0	142.0
115	43.7	8.2	68.2

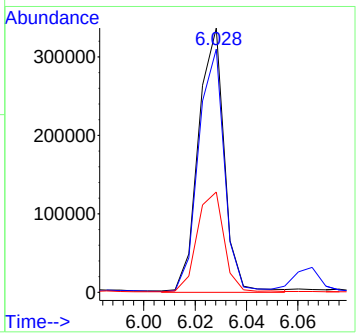


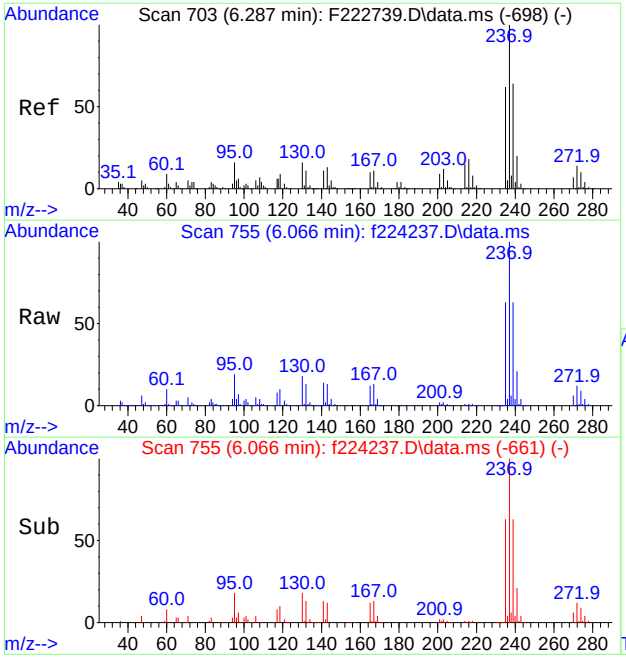


#45
1-Methylnaphthalene
Concen: 52.7370 ppm
RT: 6.028 min Scan# 748
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:142 Resp: 236707

Ion	Ratio	Lower	Upper
142	100		
141	91.4	61.5	121.5
115	37.9	5.8	65.8

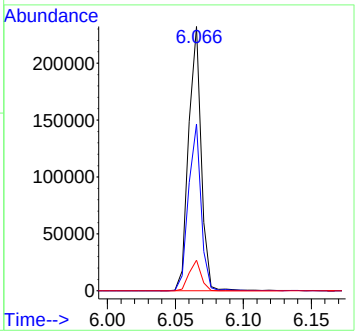


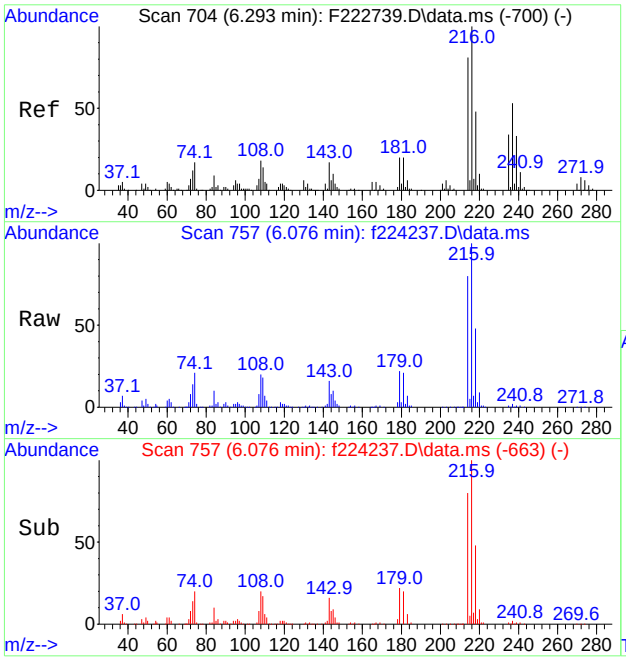


#47
Hexachlorocyclopentadiene
Concen: 101.4415 ppm
RT: 6.066 min Scan# 755
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:237 Resp: 150634

Ion	Ratio	Lower	Upper
237	100		
235	63.1	32.2	92.2
272	11.6	0.0	43.6

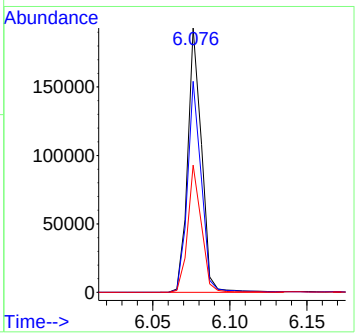


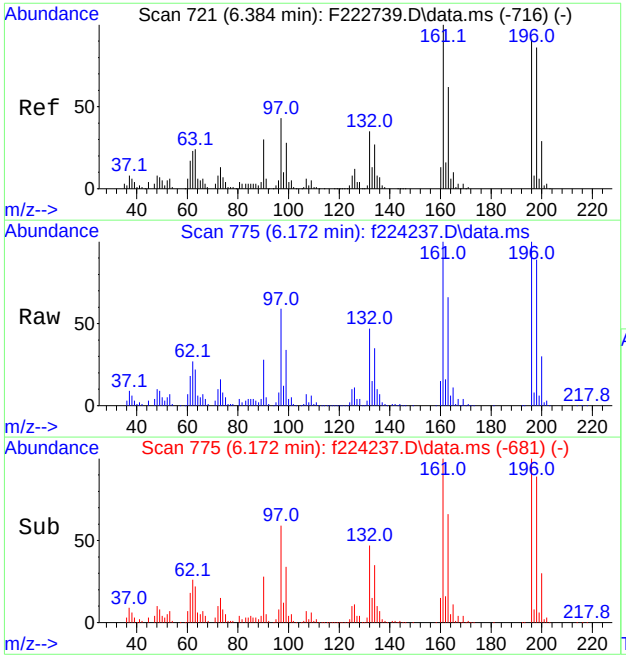


#48
1,2,4,5-tetrachlorobenzene
Concen: 47.5292 ppm
RT: 6.076 min Scan# 757
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:216 Resp: 121160

Ion	Ratio	Lower	Upper
216	100		
214	80.6	56.5	104.9
218	47.5	33.4	62.0

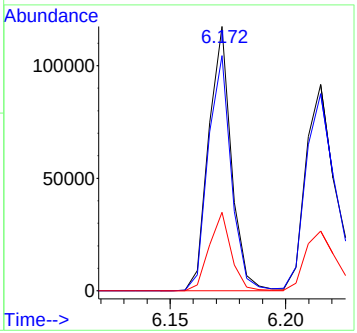


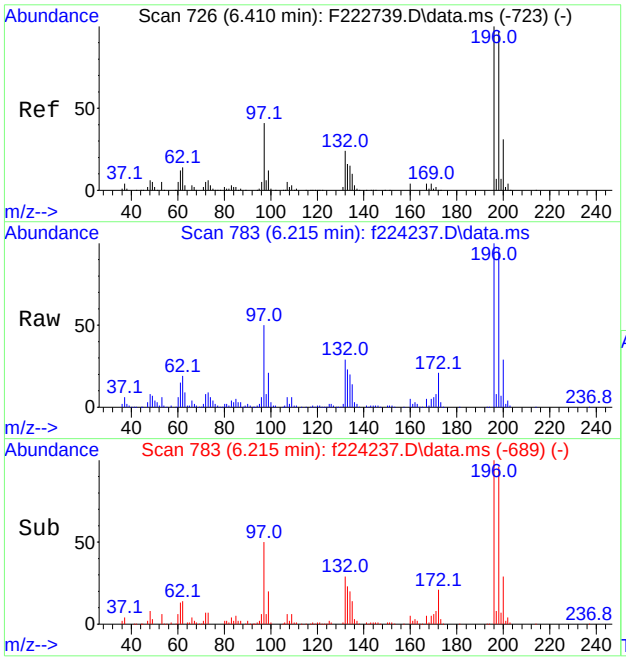


#49
2,4,6-Trichlorophenol
Concen: 54.4843 ppm
RT: 6.172 min Scan# 775
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:196 Resp: 80517

Ion	Ratio	Lower	Upper
196	100		
198	88.7	64.3	124.3
200	29.7	2.1	62.1

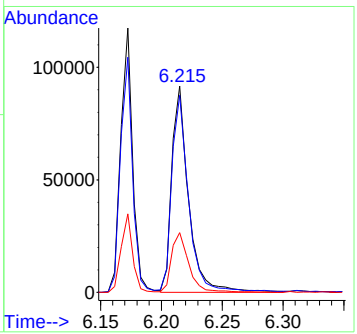


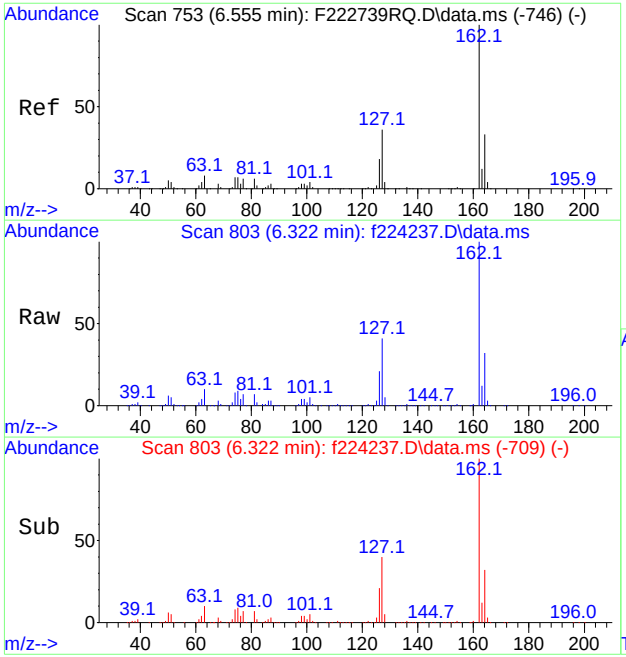


#50
2,4,5-Trichlorophenol
Concen: 52.2828 ppm
RT: 6.215 min Scan# 783
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:196 Resp: 88458

Ion	Ratio	Lower	Upper
196	100		
198	95.2	67.0	127.0
200	29.1	1.3	61.3

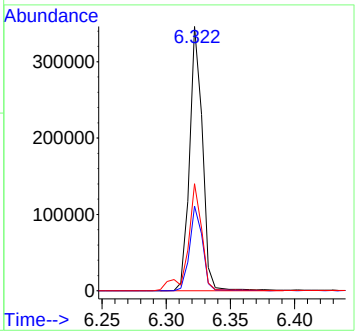


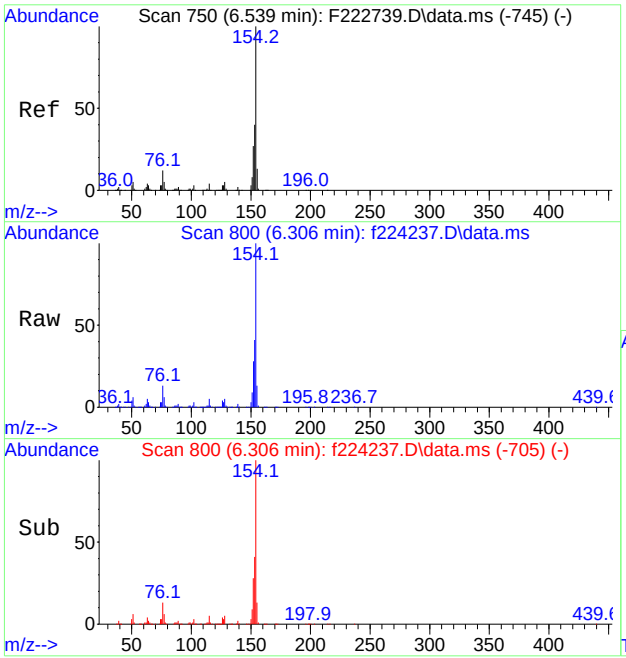


#52
2-Chloronaphthalene
Concen: 52.8299 ppm
RT: 6.322 min Scan# 803
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:162 Resp: 242177

Ion	Ratio	Lower	Upper
162	100		
164	32.1	2.1	62.1
127	40.3	10.5	70.5

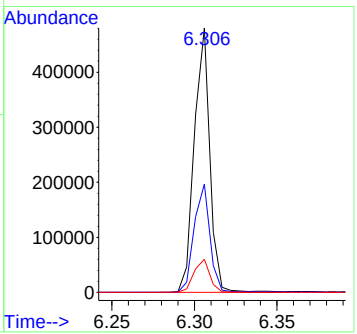


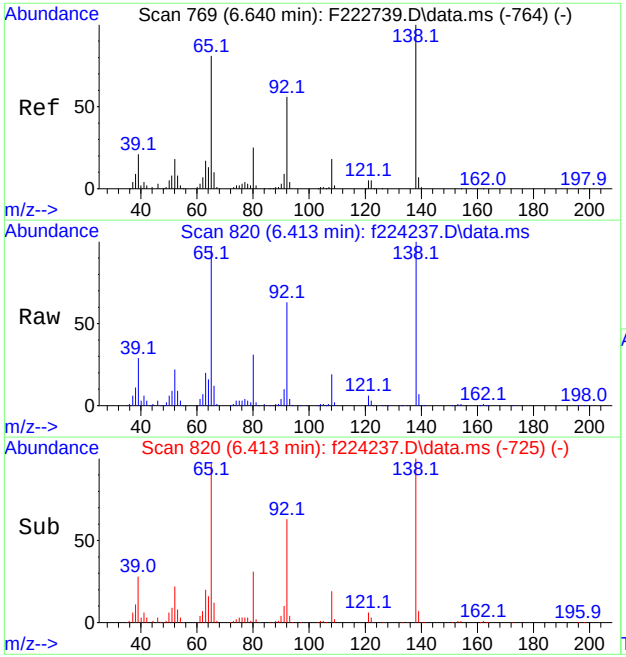


#53
Biphenyl
Concen: 53.6982 ppm
RT: 6.306 min Scan# 800
Delta R.T. 0.008 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:154 Resp: 315965

Ion	Ratio	Lower	Upper
154	100		
153	40.9	9.8	69.8
155	12.5	0.0	42.7

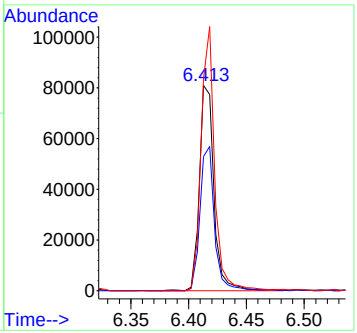


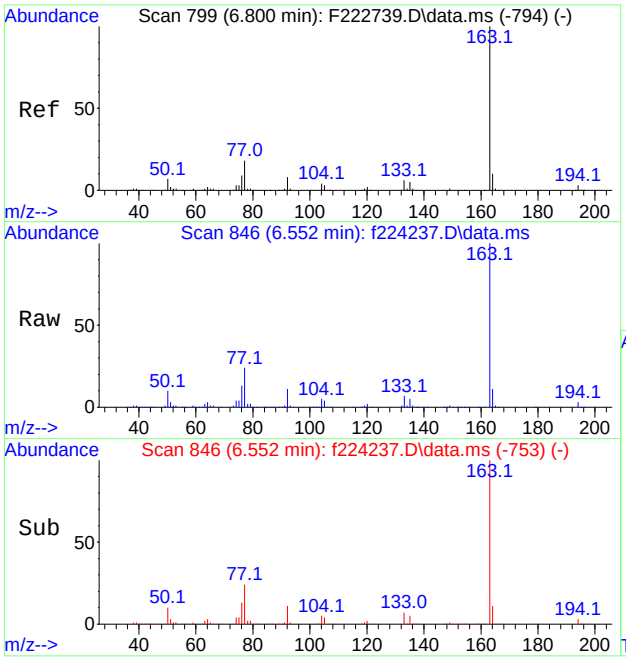


#54
2-Nitroaniline
Concen: 69.3332 ppm
RT: 6.413 min Scan# 820
Delta R.T. 0.006 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 65 Resp: 71543

Ion	Ratio	Lower	Upper
65	100		
92	65.3	38.6	98.6
138	102.9	93.5	153.5

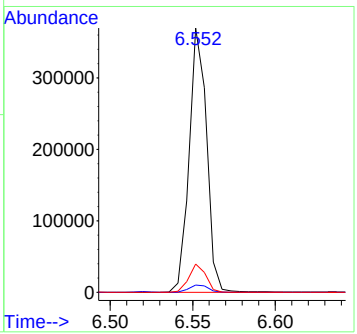


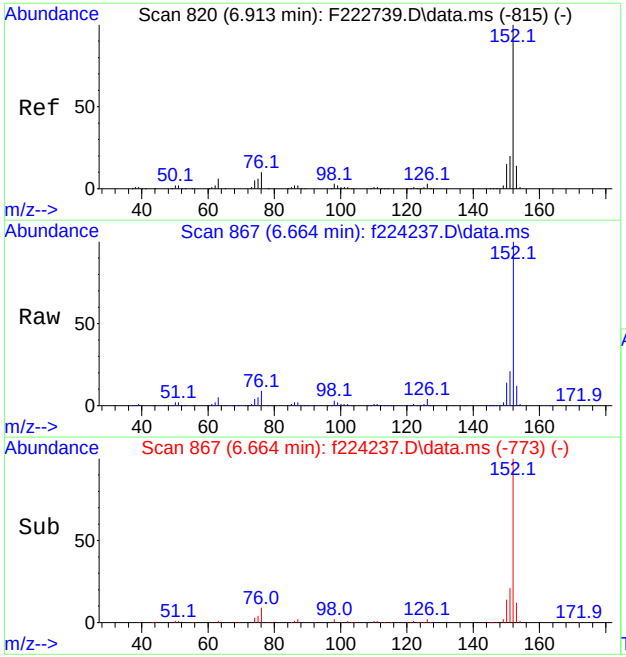


#55
Dimethylphthalate
Concen: 54.2762 ppm
RT: 6.552 min Scan# 846
Delta R.T. -0.001 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:163 Resp: 272874

Ion	Ratio	Lower	Upper
163	100		
194	2.8	0.0	33.4
164	10.8	0.0	40.3

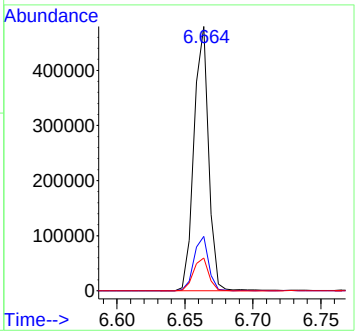


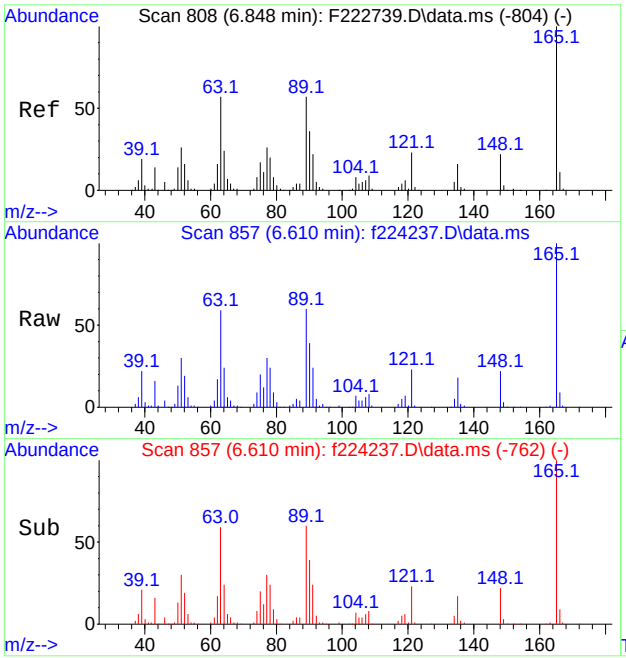


#56
Acenaphthylene
Concen: 56.7279 ppm
RT: 6.664 min Scan# 867
Delta R.T. 0.002 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:152 Resp: 359705

Ion	Ratio	Lower	Upper
152	100		
151	20.5	0.0	49.9
153	12.4	0.0	43.5

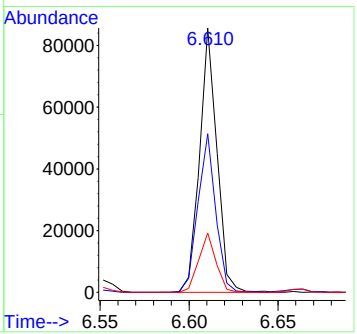


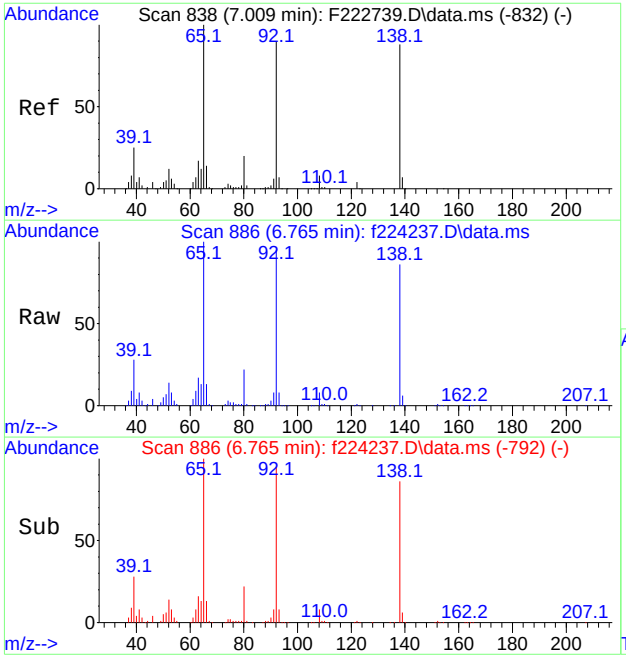


#57
2,6-Dinitrotoluene
Concen: 58.6282 ppm
RT: 6.610 min Scan# 857
Delta R.T. 0.006 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:165 Resp: 58163

Ion	Ratio	Lower	Upper
165	100		
89	59.7	27.1	87.1
121	22.3	0.0	52.5

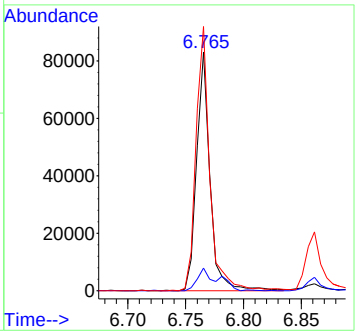


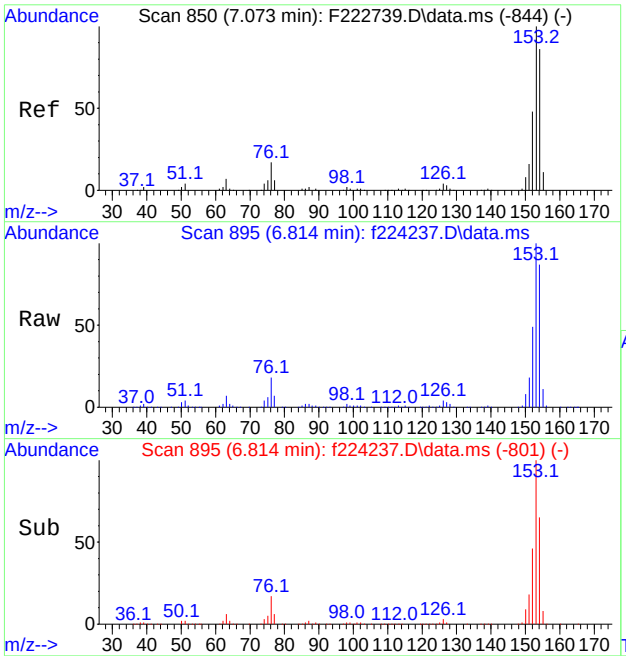


#58
3-Nitroaniline
Concen: 61.5942 ppm
RT: 6.765 min Scan# 886
Delta R.T. 0.005 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:138 Resp: 67550

Ion	Ratio	Lower	Upper
138	100		
108	9.6	0.0	37.0
92	110.7	72.1	132.1

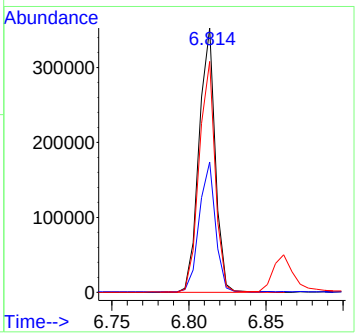


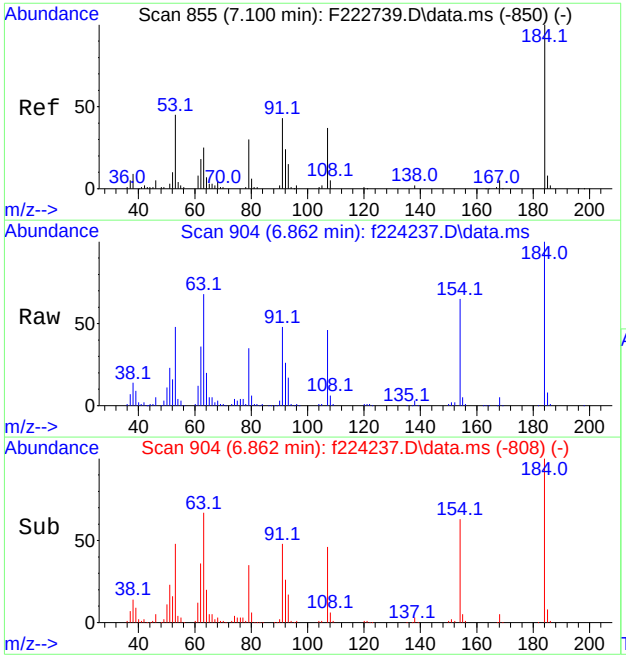


#59
Acenaphthene
Concen: 53.2504 ppm
RT: 6.814 min Scan# 895
Delta R.T. 0.001 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:153 Resp: 260210

Ion	Ratio	Lower	Upper
153	100		
152	49.0	17.5	77.5
154	80.2	49.9	109.9

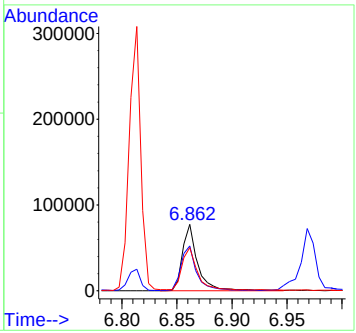


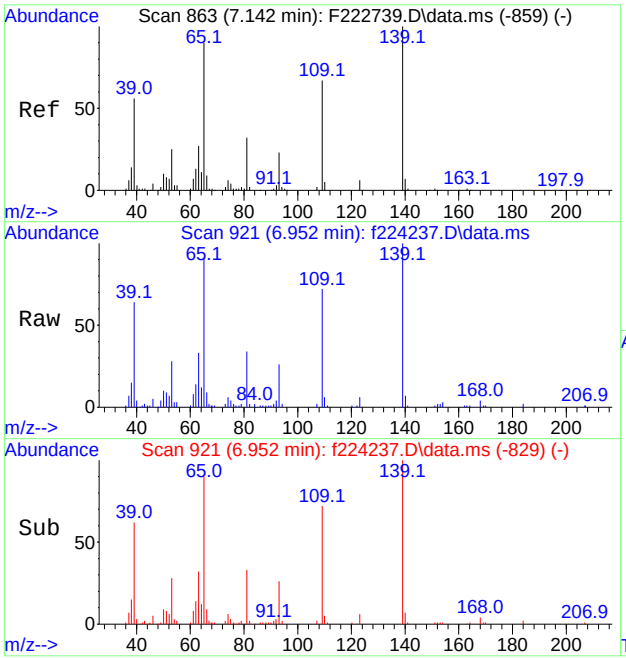


#60
2,4-Dinitrophenol
Concen: 130.3256 ppm
RT: 6.862 min Scan# 904
Delta R.T. 0.012 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:184 Resp: 74235

Ion	Ratio	Lower	Upper
184	100		
63	63.5	4.1	64.1
154	63.6	0.0	30.0#

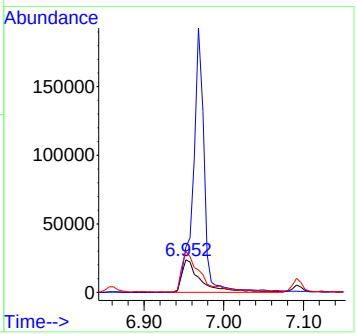


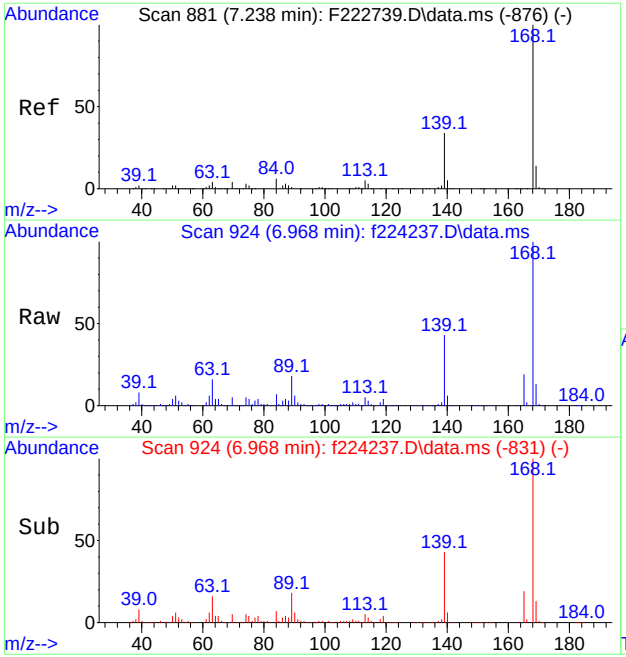


#61
4-Nitrophenol
Concen: 63.4283 ppm
RT: 6.952 min Scan# 921
Delta R.T. -0.011 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:109 Resp: 39926

Ion	Ratio	Lower	Upper
109	100		
139	138.4	119.2	179.2
65	126.4	104.1	164.1

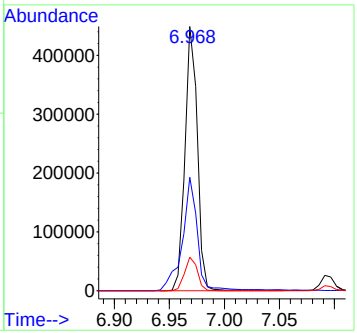


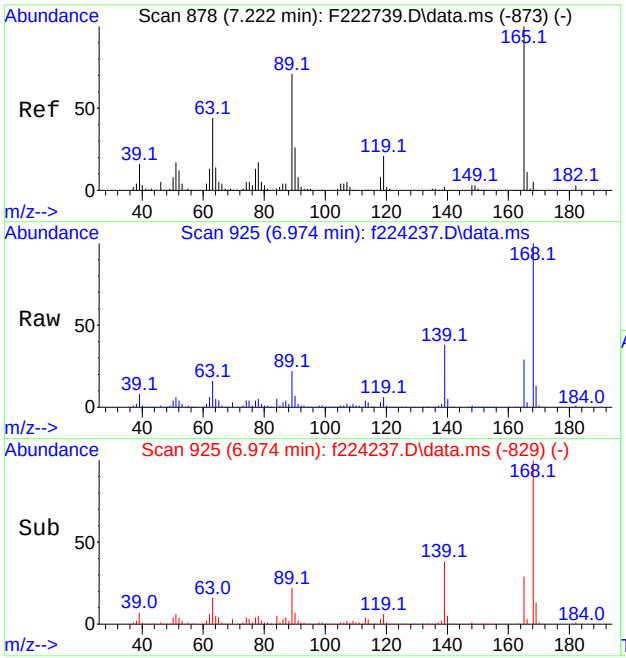


#62
Dibenzofuran
Concen: 52.1271 ppm
RT: 6.968 min Scan# 924
Delta R.T. -0.006 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:168 Resp: 353474

Ion	Ratio	Lower	Upper
168	100		
139	42.6	4.3	64.3
169	12.8	0.0	43.5

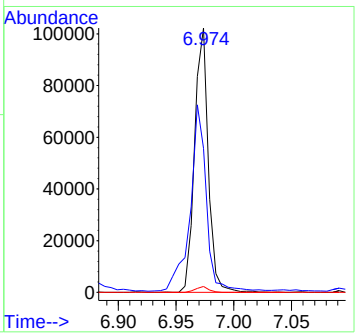


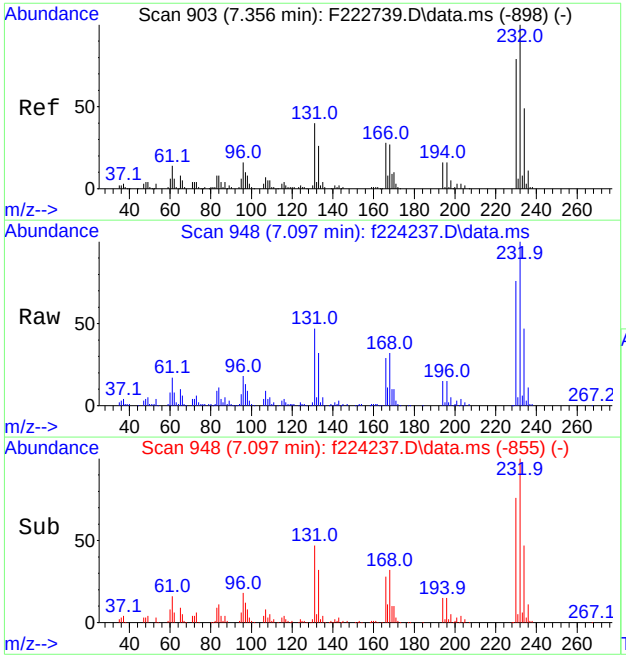


#63
2,4-Dinitrotoluene
Concen: 60.3529 ppm
RT: 6.974 min Scan# 925
Delta R.T. 0.010 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:165 Resp: 84678

Ion	Ratio	Lower	Upper
165	100		
63	53.7	13.5	73.5
182	2.2	0.0	33.0

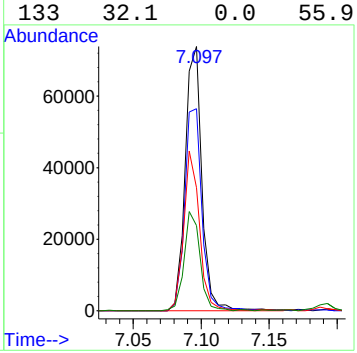


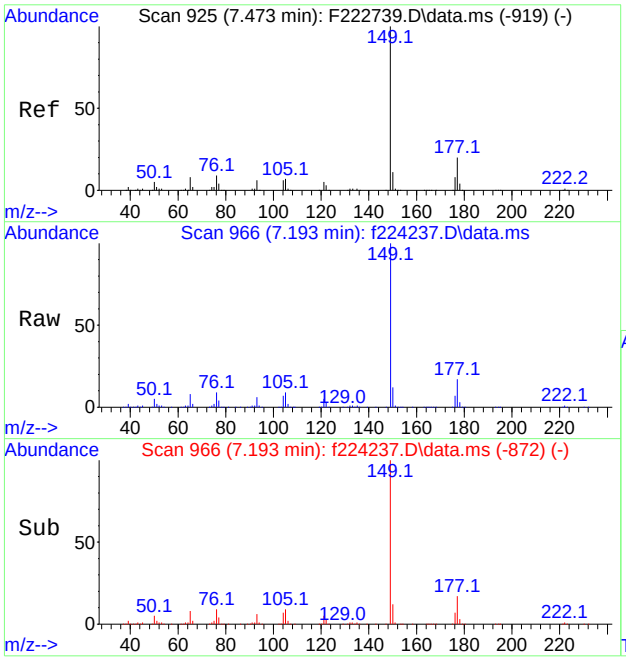


#64
2,3,4,6-Tetrachlorophenol
Concen: 48.7201 ppm
RT: 7.097 min Scan# 948
Delta R.T. -0.002 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:232 Resp: 63564

Ion	Ratio	Lower	Upper
232	100		
230	76.3	49.1	109.1
131	46.4	9.6	69.6
133	32.1	0.0	55.9

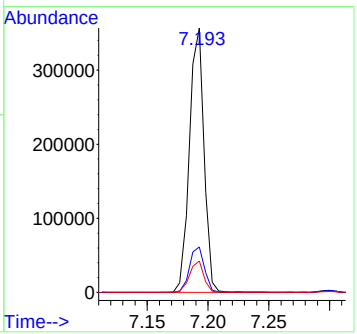


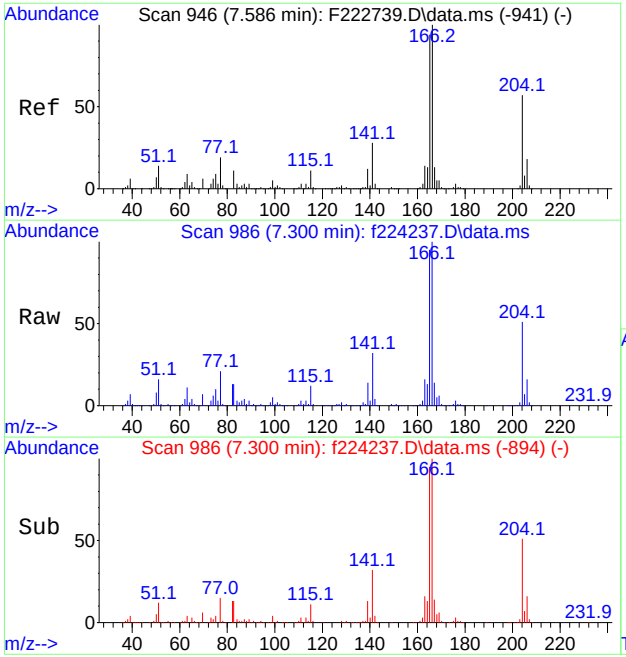


#65
Diethylphthalate
Concen: 56.9212 ppm
RT: 7.193 min Scan# 966
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:149 Resp: 300745

Ion	Ratio	Lower	Upper
149	100		
177	17.2	0.0	50.0
150	11.9	0.0	41.3

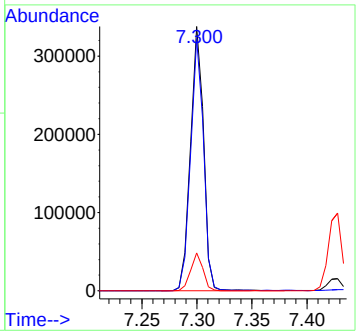


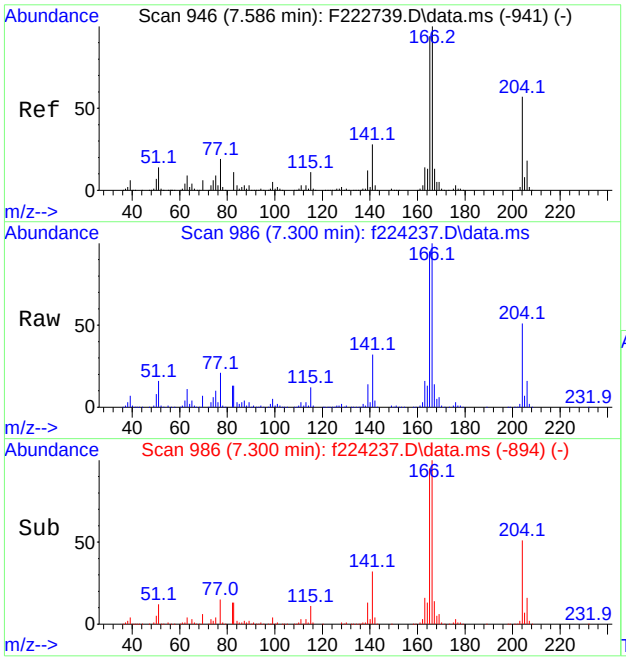


#66
Fluorene
Concen: 53.3113 ppm
RT: 7.300 min Scan# 986
Delta R.T. -0.007 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:166 Resp: 279607

Ion	Ratio	Lower	Upper
166	100		
165	95.4	63.9	123.9
167	14.3	0.0	43.3

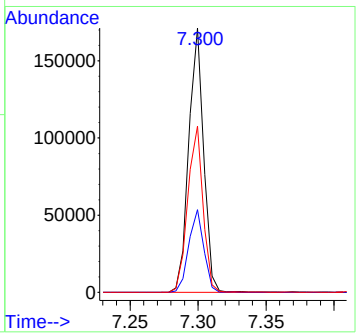


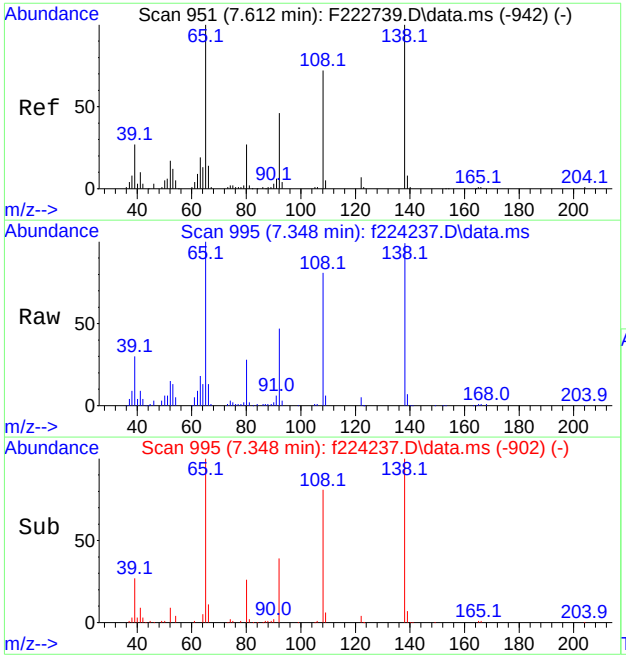


#67
4-Chlorophenyl-phenylether
Concen: 45.9312 ppm
RT: 7.300 min Scan# 986
Delta R.T. -0.007 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:204 Resp: 130719

Ion	Ratio	Lower	Upper
204	100		
206	31.3	1.1	61.1
141	62.8	19.4	79.4

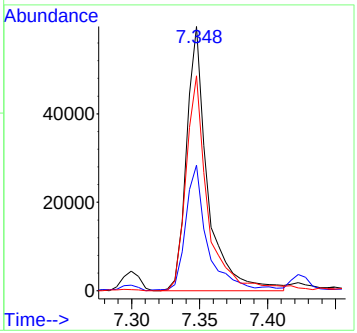


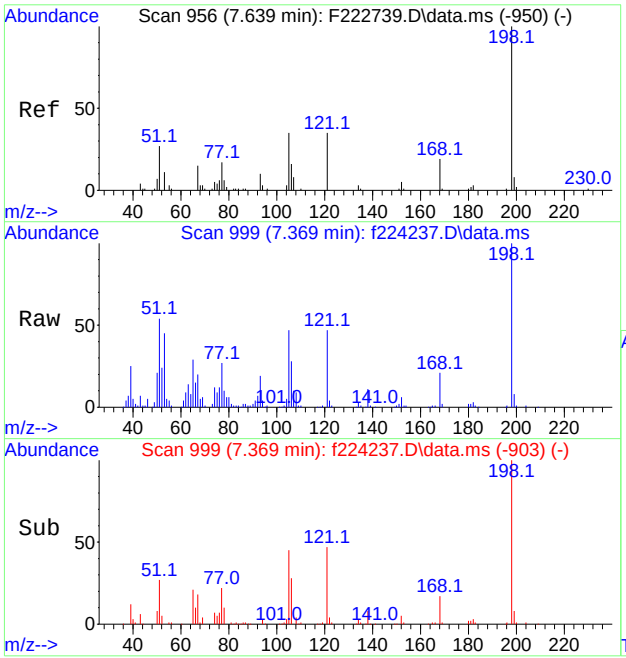


#68
4-Nitroaniline
Concen: 55.6072 ppm
RT: 7.348 min Scan# 995
Delta R.T. -0.001 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:138 Resp: 64997

Ion	Ratio	Lower	Upper
138	100		
92	47.2	15.6	75.6
108	81.3	42.0	102.0

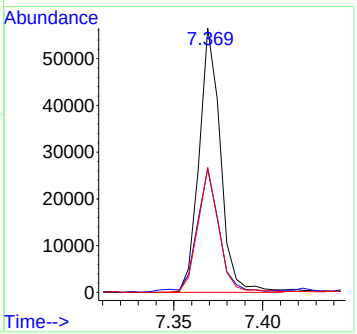


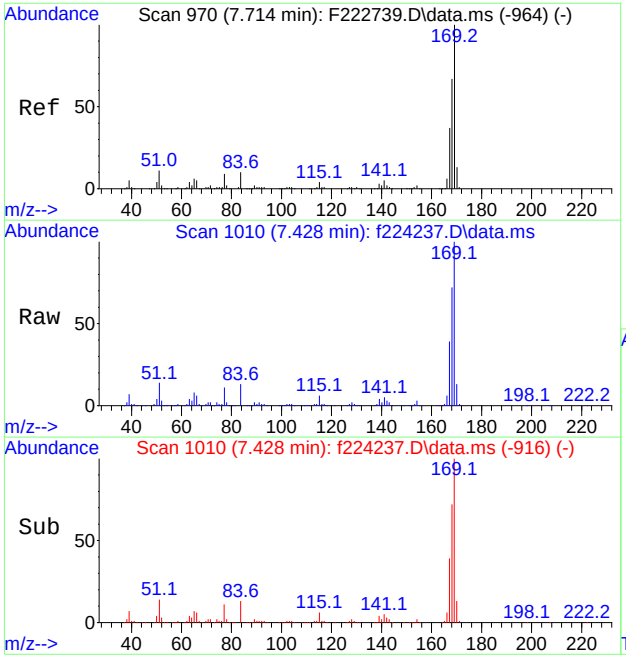


#70
4,6-Dinitro-2-methylphenol
Concen: 68.7419 ppm
RT: 7.369 min Scan# 999
Delta R.T. 0.010 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:198 Resp: 47177

Ion	Ratio	Lower	Upper
198	100		
105	45.9	5.1	65.1
121	47.3	4.9	64.9

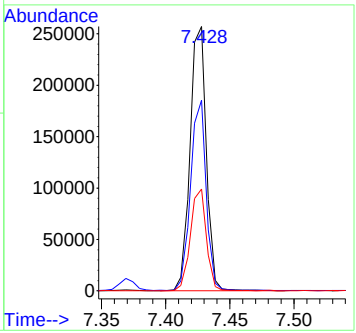


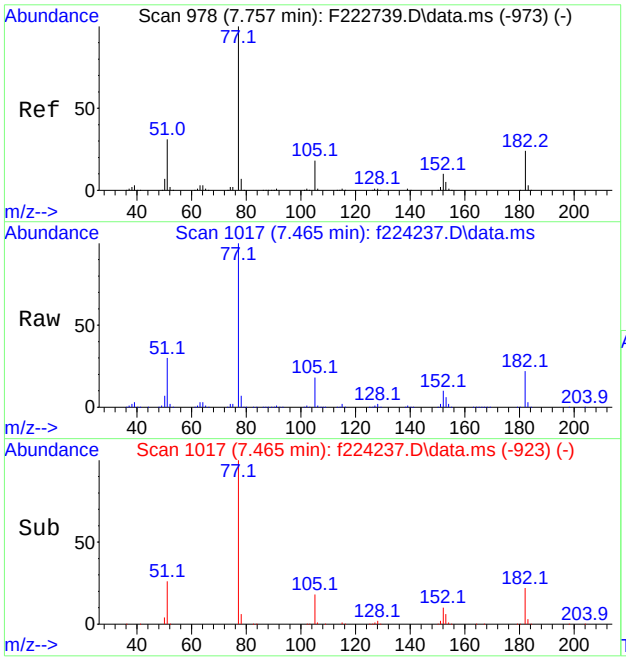


#71
n-Nitrosodiphenylamine
Concen: 54.6003 ppm
RT: 7.428 min Scan# 1010
Delta R.T. 0.001 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:169 Resp: 226783

Ion	Ratio	Lower	Upper
169	100		
168	71.9	36.8	96.8
167	38.5	6.9	66.9

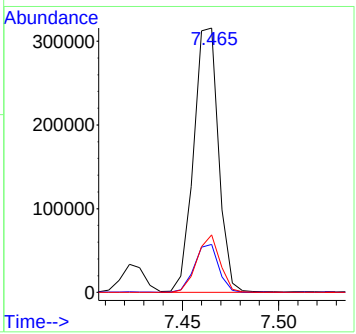


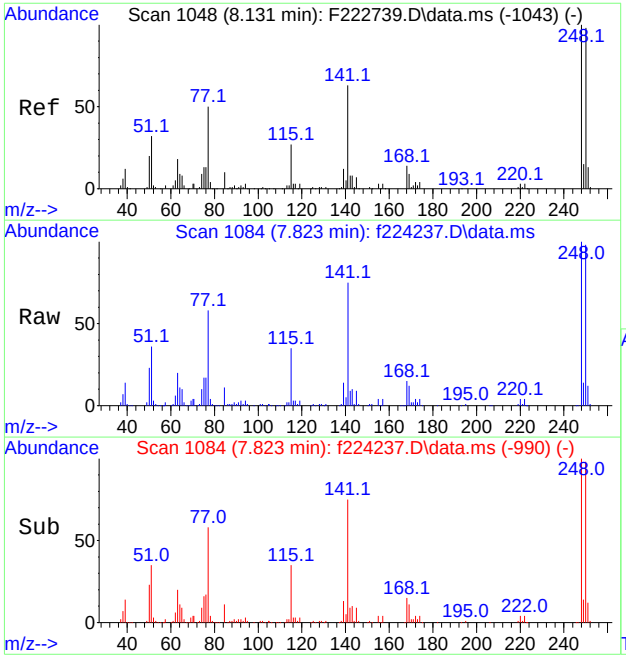


#72
1,2-Diphenylhydrazine
Concen: 64.8838 ppm
RT: 7.465 min Scan# 1017
Delta R.T. 0.002 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 77 Resp: 284883

Ion	Ratio	Lower	Upper
77	100		
105	18.2	0.0	48.0
182	21.8	0.0	54.0

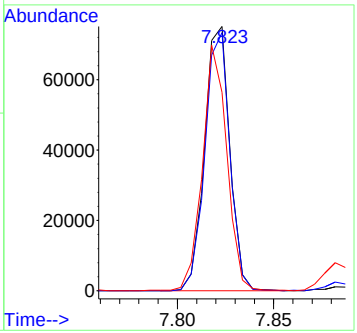


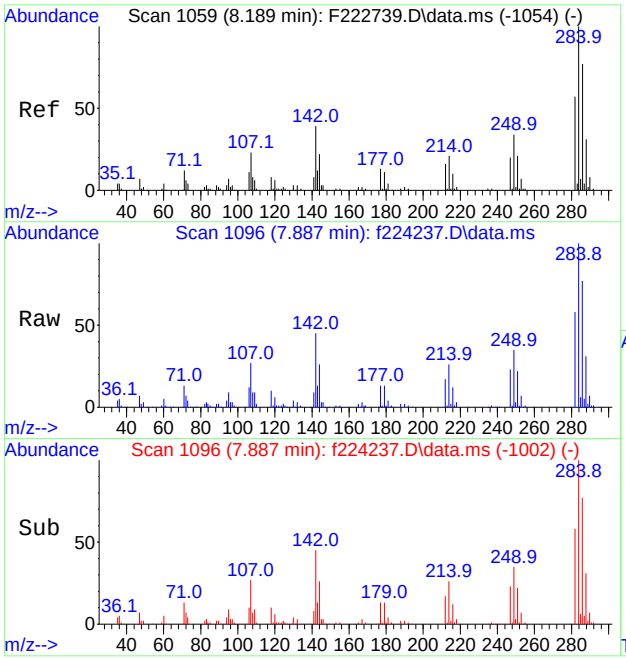


#74
4-Bromophenyl-phenylether
Concen: 45.4072 ppm
RT: 7.823 min Scan# 1084
Delta R.T. 0.002 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:248 Resp: 68610

Ion	Ratio	Lower	Upper
248	100		
250	97.6	68.5	128.5
141	74.8	33.3	93.3

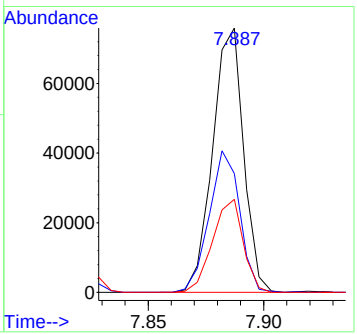


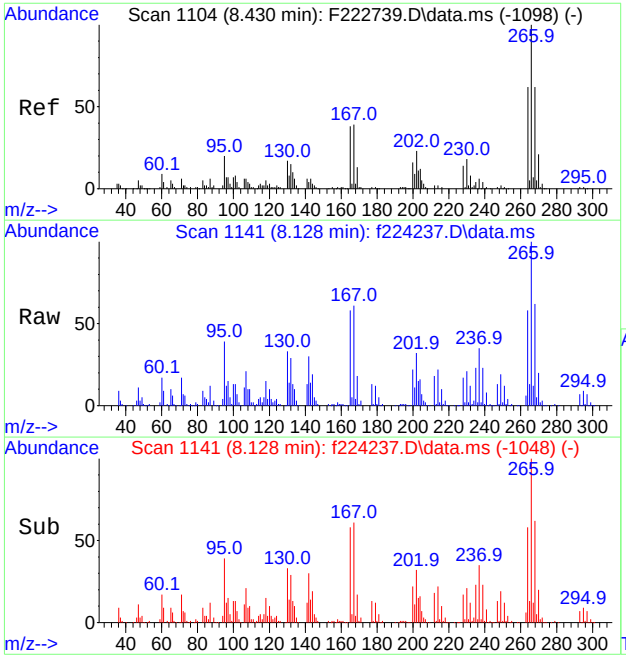


#75
Hexachlorobenzene
Concen: 43.5924 ppm
RT: 7.887 min Scan# 1096
Delta R.T. 0.003 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:284 Resp: 70689

Ion	Ratio	Lower	Upper
284	100		
142	44.9	8.8	68.8
249	35.2	4.3	64.3

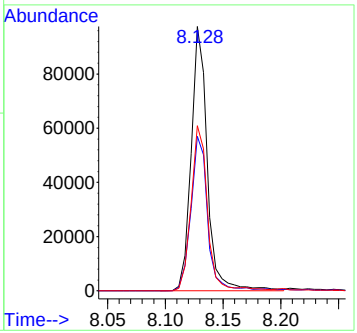


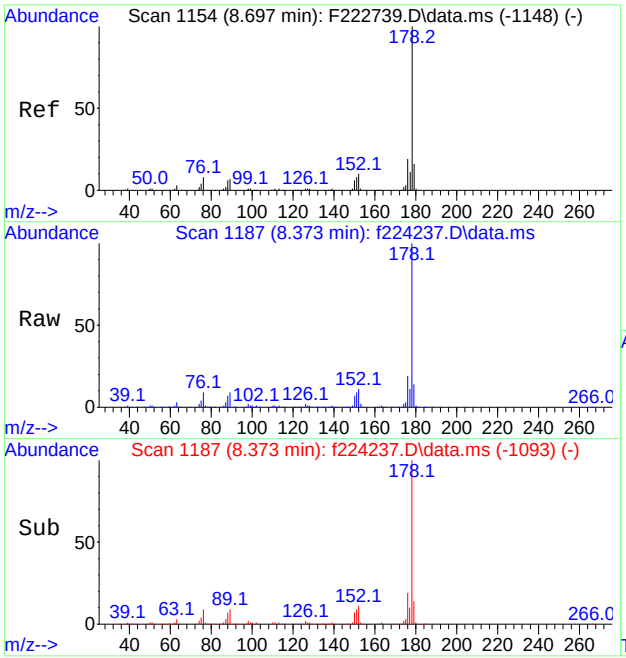


#76
Pentachlorophenol
Concen: 89.7421 ppm
RT: 8.128 min Scan# 1141
Delta R.T. -0.001 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:266 Resp: 95020

Ion	Ratio	Lower	Upper
266	100		
264	58.3	31.7	91.7
268	62.2	32.1	92.1

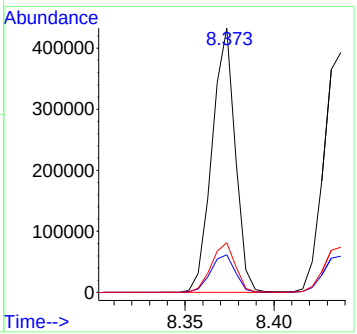


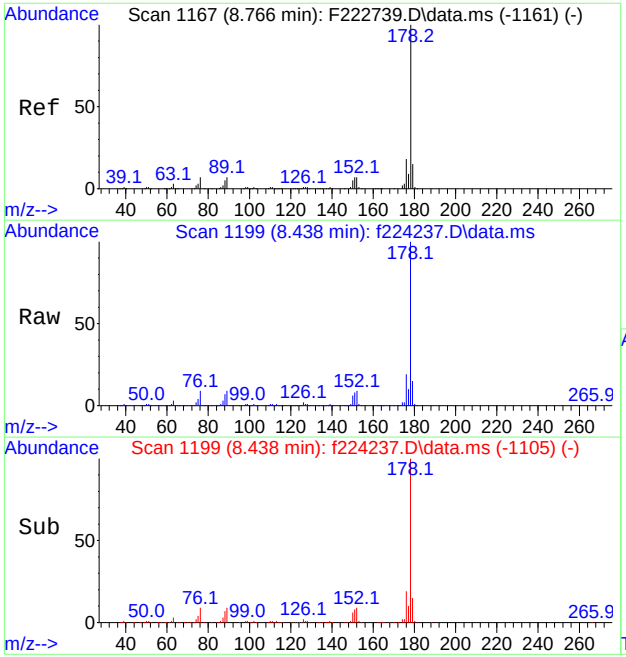


#77
Phenanthrene
Concen: 52.2141 ppm
RT: 8.373 min Scan# 1187
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:178 Resp: 391573

Ion	Ratio	Lower	Upper
178	100		
179	14.3	0.0	45.6
176	18.8	0.0	49.0

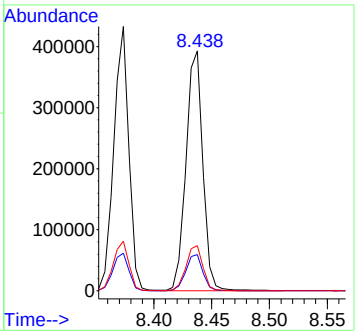


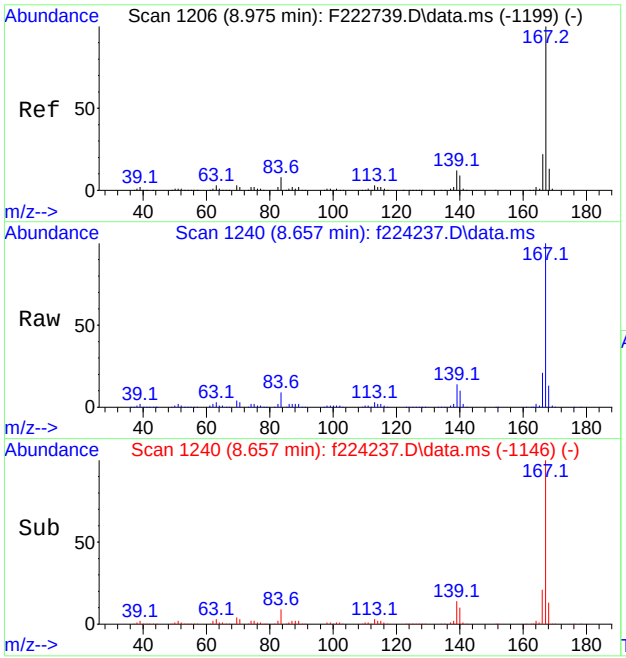


#78
Anthracene
Concen: 54.2106 ppm
RT: 8.438 min Scan# 1199
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:178 Resp: 399706

Ion	Ratio	Lower	Upper
178	100		
179	15.1	0.0	45.1
176	18.8	0.0	48.4

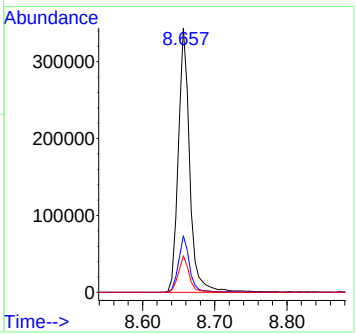


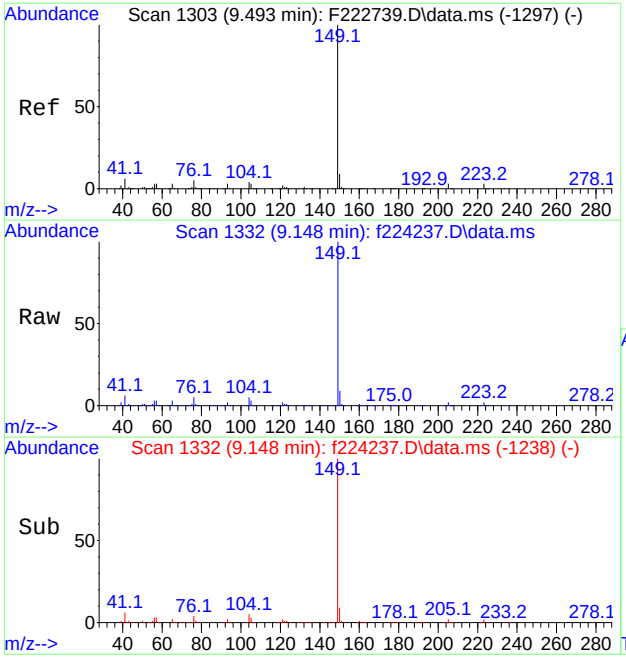


#79
Carbazole
Concen: 56.2043 ppm
RT: 8.657 min Scan# 1240
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:167 Resp: 379824

Ion	Ratio	Lower	Upper
167	100		
166	21.5	0.0	51.7
139	14.0	0.0	41.9

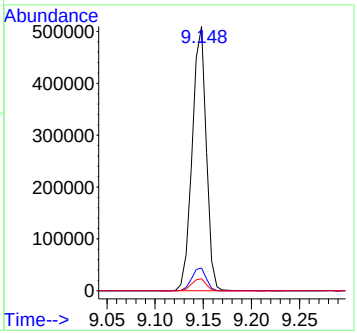


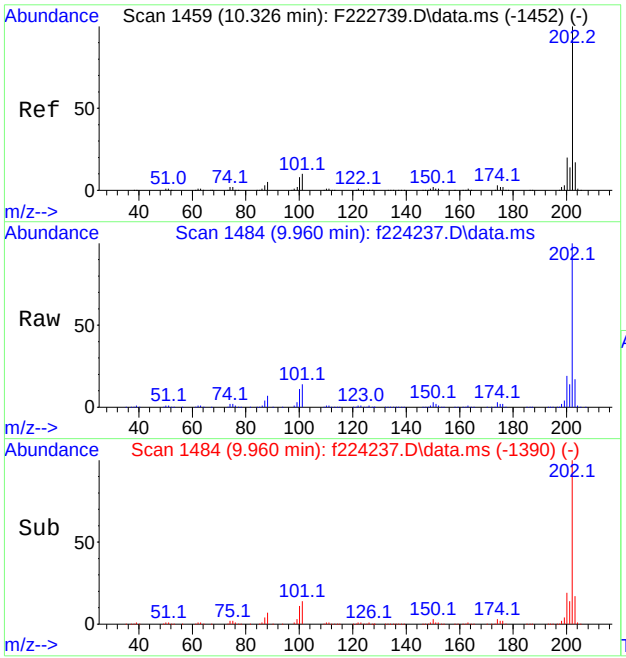


#80
Di-n-butylphthalate
Concen: 64.9479 ppm
RT: 9.148 min Scan# 1332
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:149 Resp: 518250

Ion	Ratio	Lower	Upper
149	100		
150	8.6	0.0	39.0
104	4.6	0.0	34.4

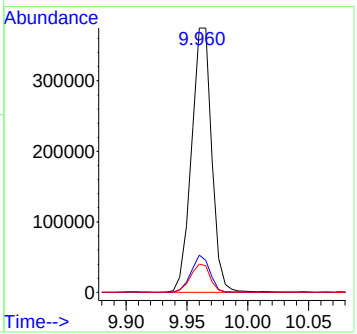


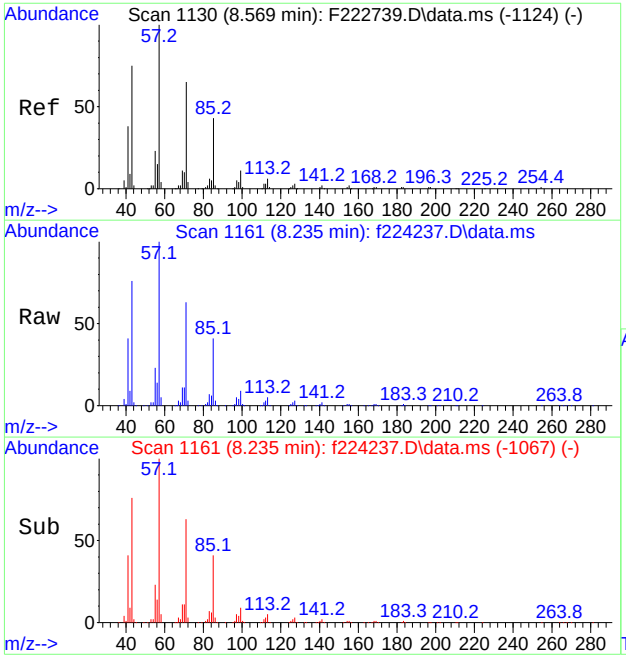


#81
Fluoranthene
Concen: 53.7292 ppm
RT: 9.960 min Scan# 1484
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:202 Resp: 435759

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	39.8
100	10.7	0.0	37.7

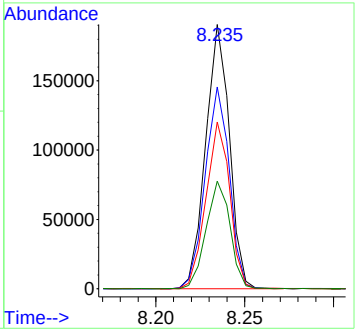


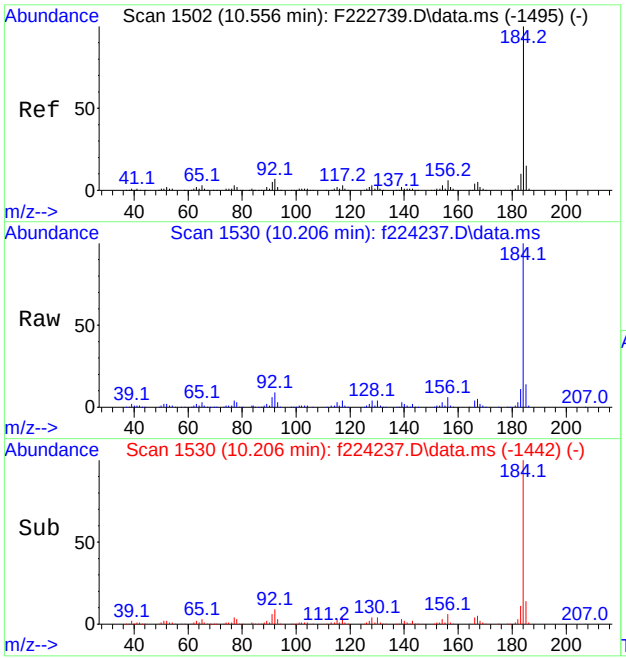


#82
Octadecane
Concen: 69.9116 ppm
RT: 8.235 min Scan# 1161
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion: 57 Resp: 177137

Ion	Ratio	Lower	Upper
57	100		
43	76.2	44.6	104.6
71	63.1	35.4	95.4
85	40.7	12.7	72.7

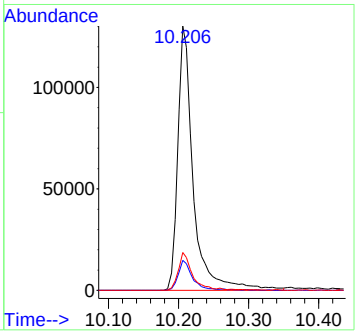


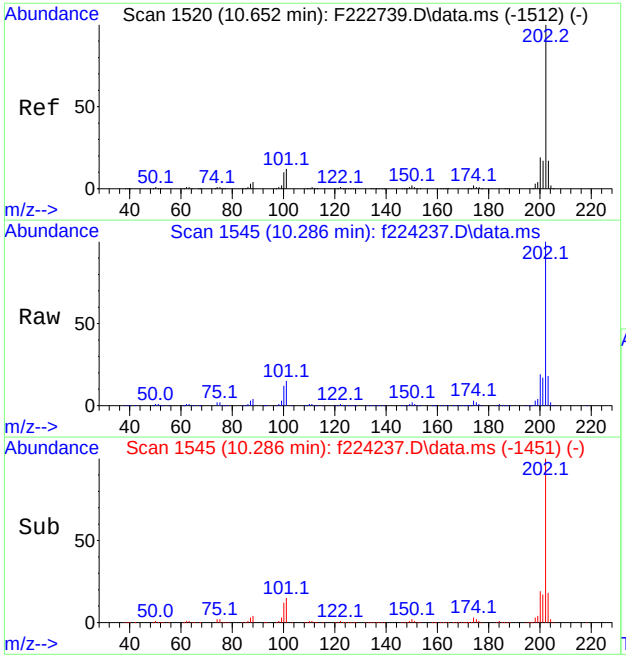


#84
Benzidine
Concen: 47.0121 ppm
RT: 10.206 min Scan# 1530
Delta R.T. -0.031 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:184 Resp: 200548

Ion	Ratio	Lower	Upper
184	100		
183	11.4	0.0	60.5
185	14.4	0.0	65.2

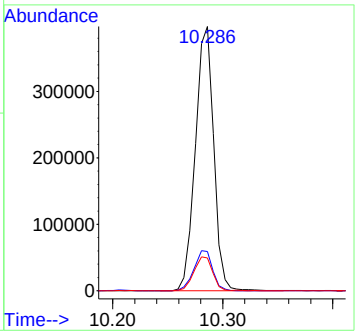


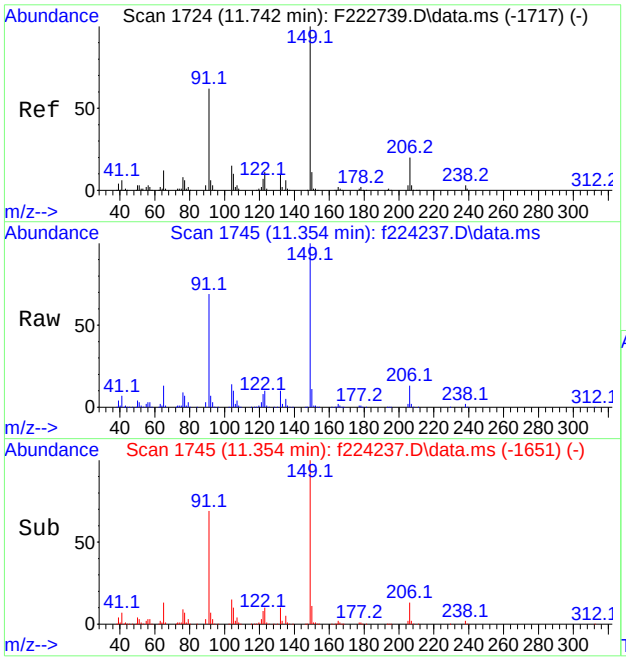


#85
Pyrene
Concen: 57.7732 ppm
RT: 10.286 min Scan# 1545
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:202 Resp: 462775

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	41.9
100	12.4	0.0	39.8

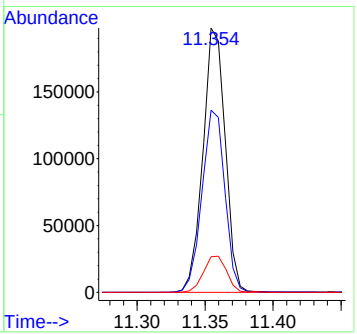


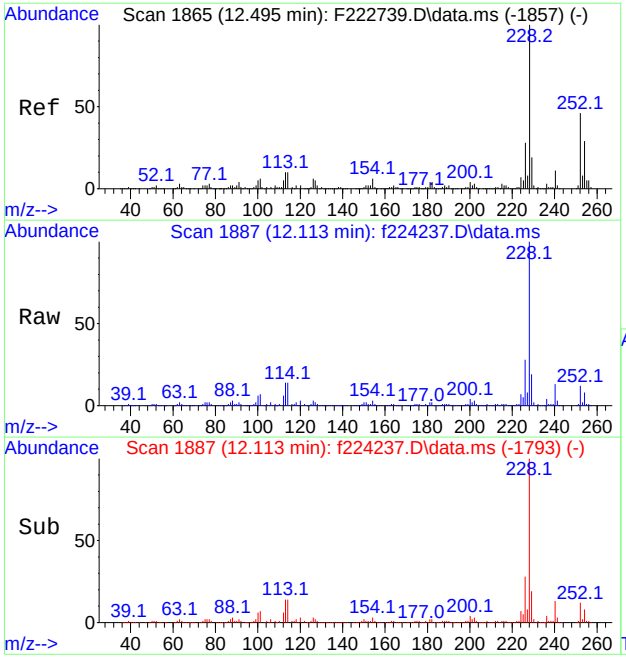


#87
Butylbenzylphthalate
Concen: 70.0338 ppm
RT: 11.354 min Scan# 1745
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:149 Resp: 225729

Ion	Ratio	Lower	Upper
149	100		
91	68.9	31.6	91.6
206	13.5	0.0	49.8

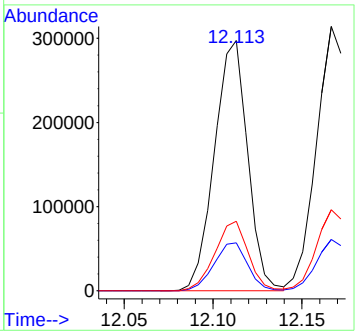


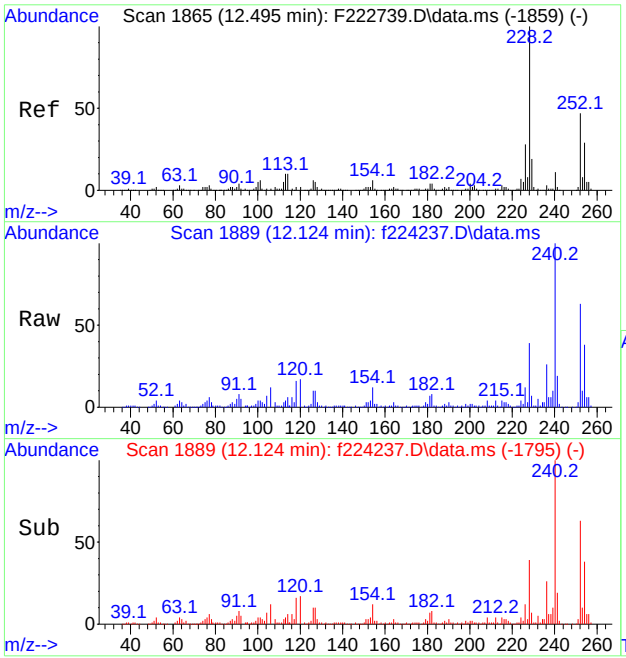


#88
Benzo[a]anthracene
Concen: 53.5435 ppm
RT: 12.113 min Scan# 1887
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:228 Resp: 385719

Ion	Ratio	Lower	Upper
228	100		
229	19.1	0.0	49.1
226	27.6	0.0	57.6

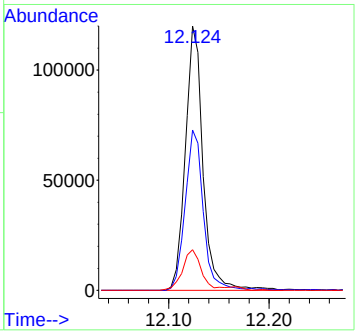


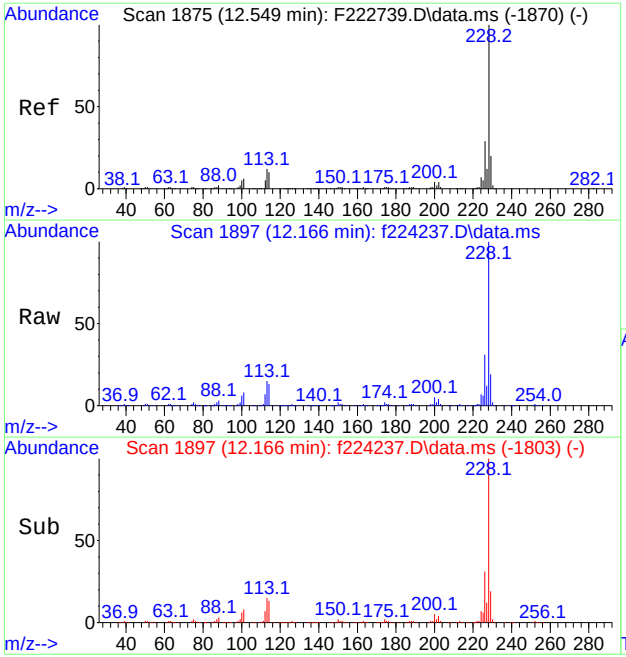


#89
3,3'-Dichlorobenzidine
Concen: 57.4294 ppm
RT: 12.124 min Scan# 1889
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:252 Resp: 147193

Ion	Ratio	Lower	Upper
252	100		
254	60.5	32.3	92.3
126	15.5	0.0	42.5

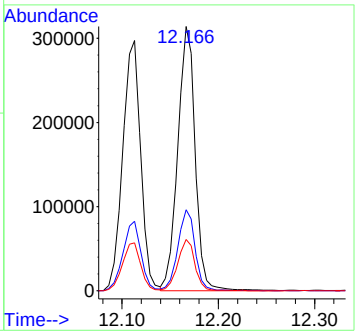


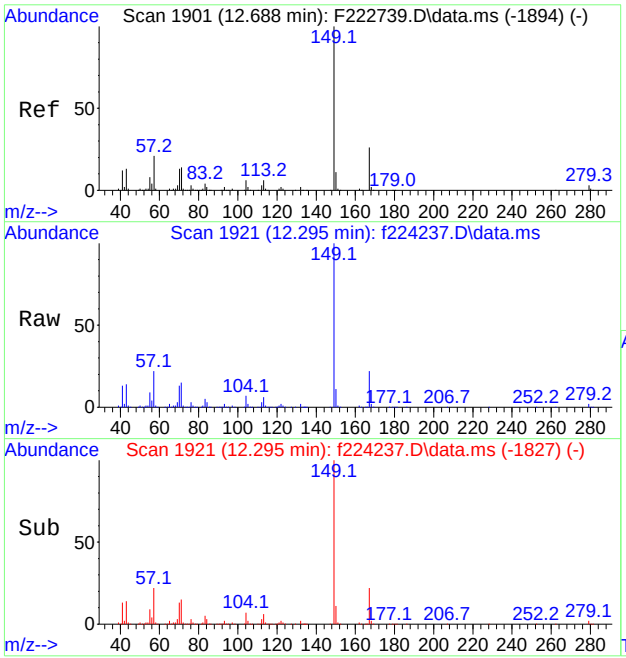


#90
Chrysene
Concen: 51.5876 ppm
RT: 12.166 min Scan# 1897
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:228 Resp: 395898

Ion	Ratio	Lower	Upper
228	100		
226	30.5	0.0	58.9
229	19.4	0.0	49.6

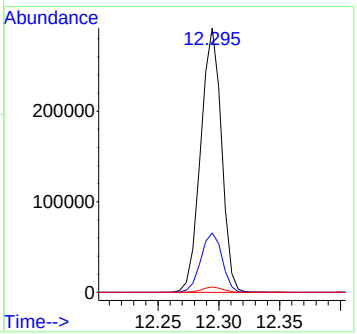


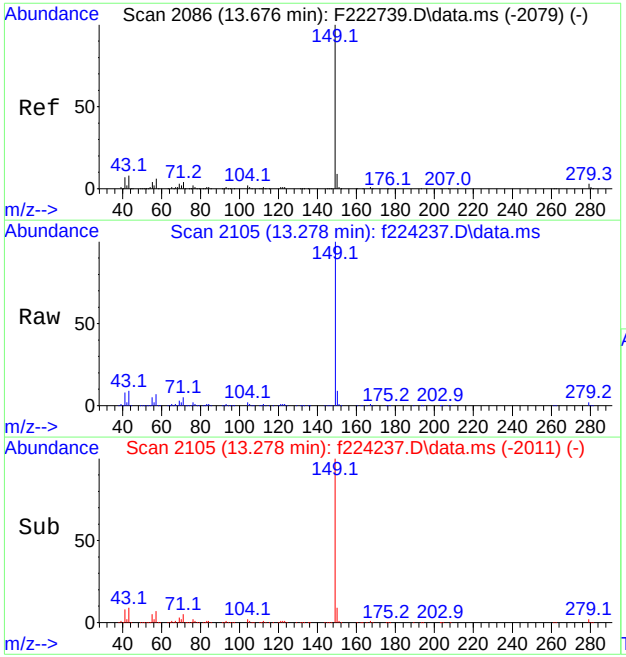


#91
bis(2-Ethylhexyl)phthalate
Concen: 68.0816 ppm
RT: 12.295 min Scan# 1921
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:149 Resp: 346563

Ion	Ratio	Lower	Upper
149	100		
167	22.5	0.0	55.6
279	2.0	0.0	33.3

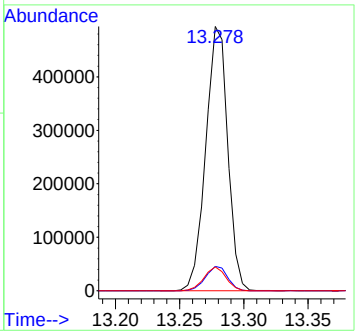


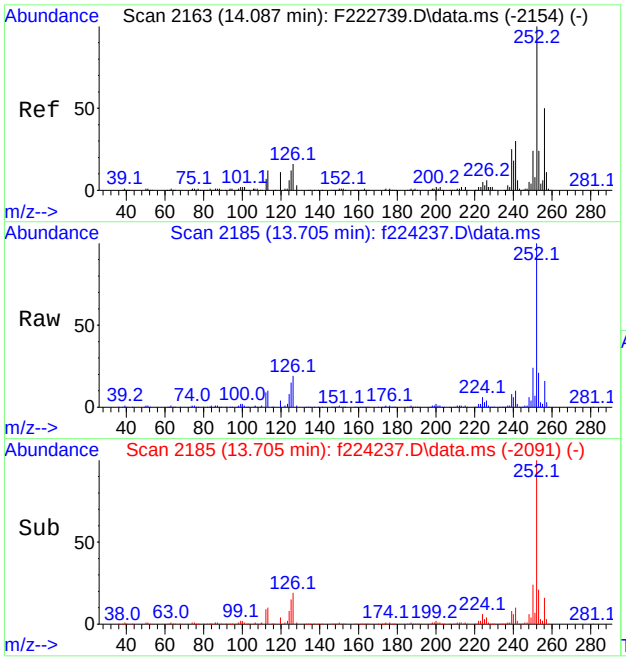


#93
Di-n-octylphthalate
Concen: 71.9256 ppm
RT: 13.278 min Scan# 2105
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:149 Resp: 588735

Ion	Ratio	Lower	Upper
149	100		
150	9.3	0.0	39.4
43	9.1	0.0	38.5

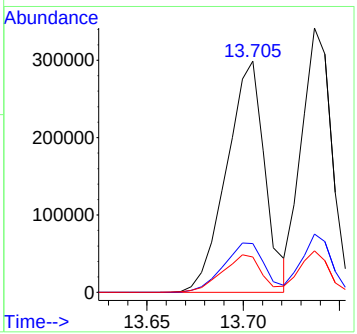


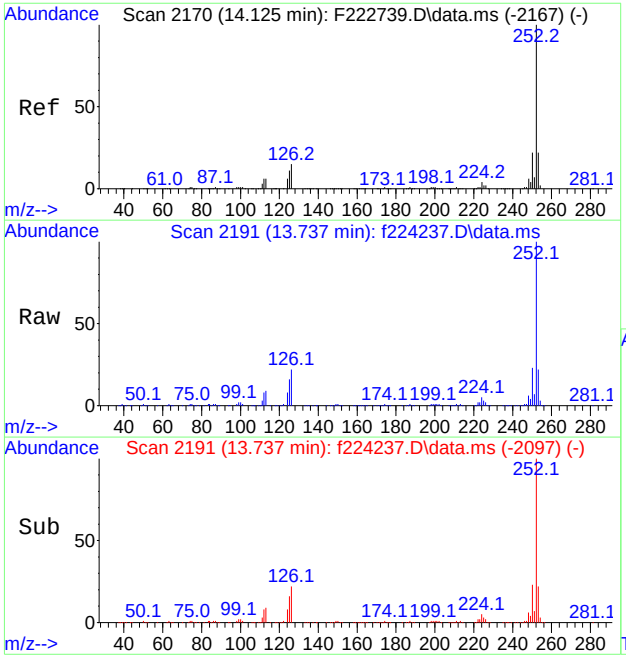


#94
Benzo[b]fluoranthene
Concen: 58.7138 ppm
RT: 13.705 min Scan# 2185
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:252 Resp: 413839

Ion	Ratio	Lower	Upper
252	100		
253	21.1	0.0	53.7
125	15.1	0.0	42.4

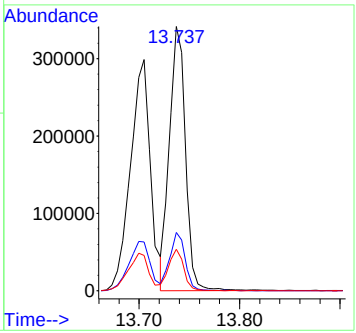


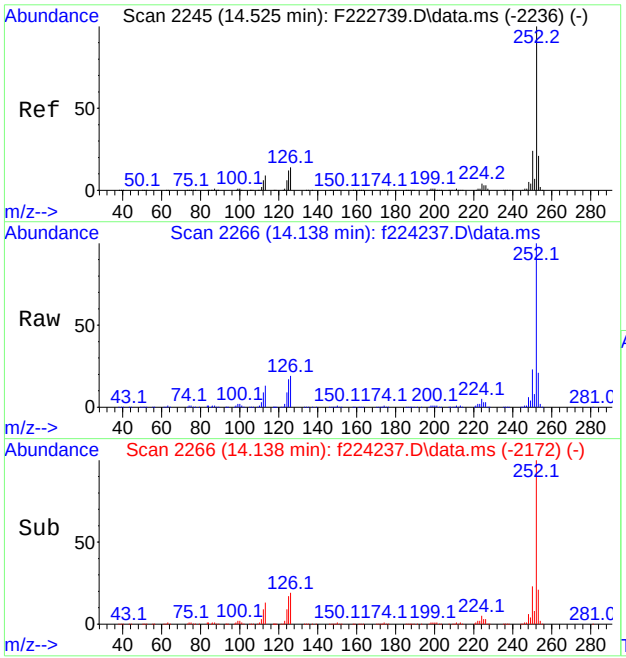


#95
Benzo[k]fluoranthene
Concen: 53.2411 ppm
RT: 13.737 min Scan# 2191
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:252 Resp: 378669

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	52.1
125	15.6	0.0	41.1

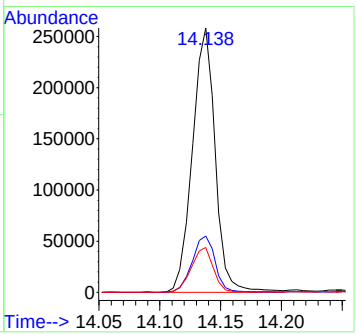


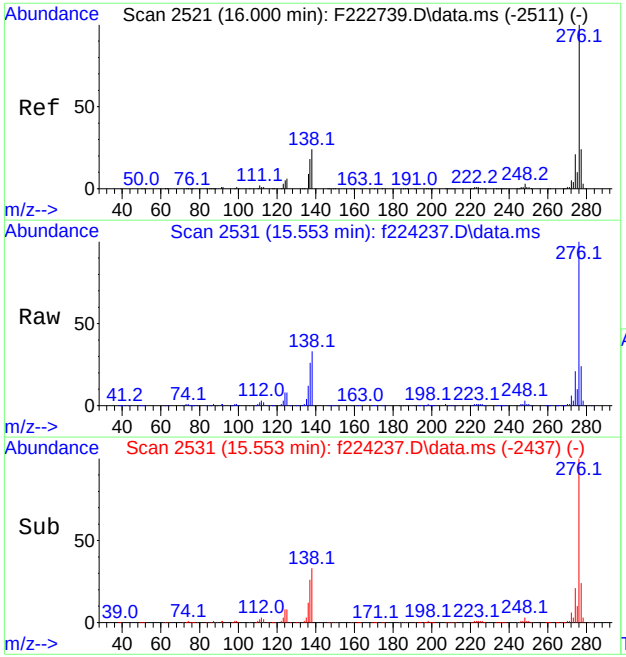


#96
Benzo[a]pyrene
Concen: 57.9820 ppm
RT: 14.138 min Scan# 2266
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:252 Resp: 338570

Ion	Ratio	Lower	Upper
252	100		
253	21.4	0.0	50.6
125	17.0	0.0	41.7

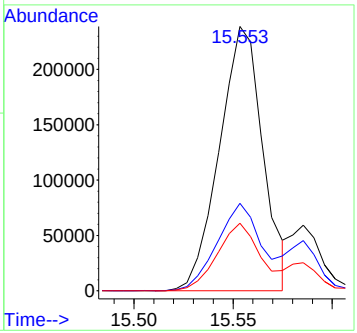


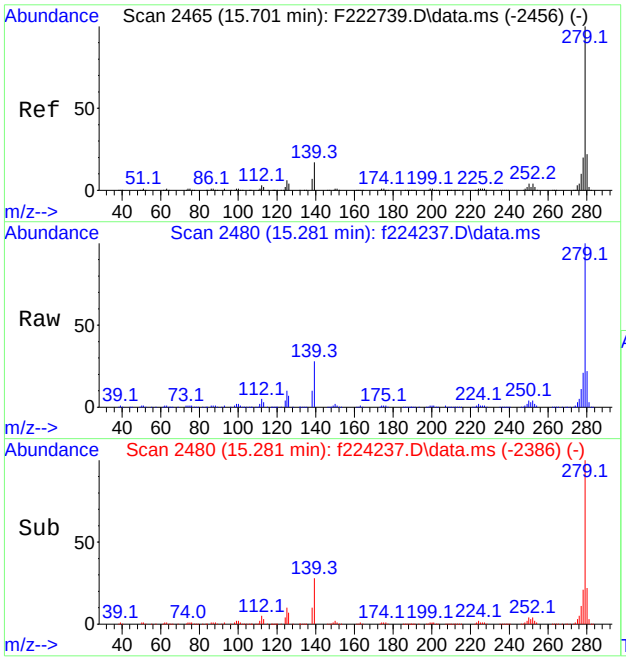


#97
Indeno[1,2,3-cd]pyrene
Concen: 53.5274 ppm m
RT: 15.553 min Scan# 2531
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:276 Resp: 364127

Ion	Ratio	Lower	Upper
276	100		
138	33.1	0.0	54.2
137	25.6	0.0	47.6

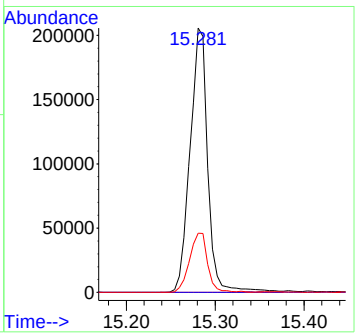


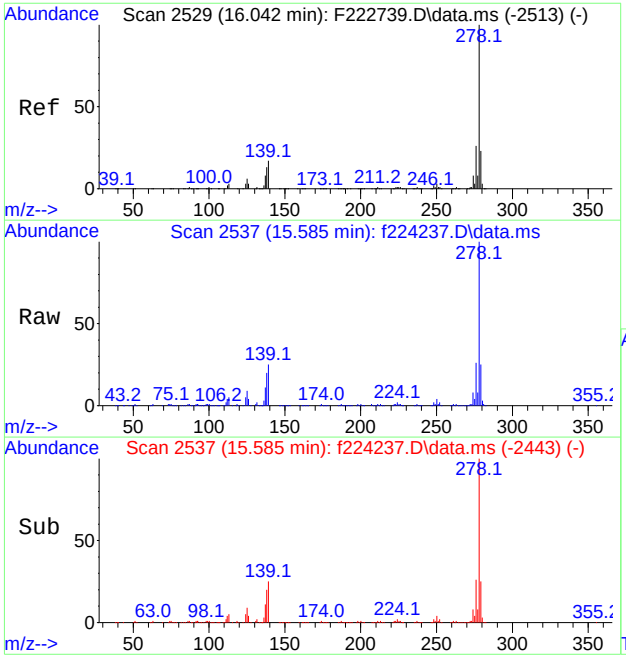


#98
Dibenz(a,h)acridine
Concen: 53.9027 ppm
RT: 15.281 min Scan# 2480
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:279 Resp: 283886

Ion	Ratio	Lower	Upper
279	100		
140	0.0	0.0	30.0
280	22.4	0.0	52.3

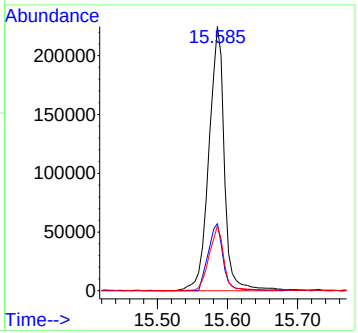


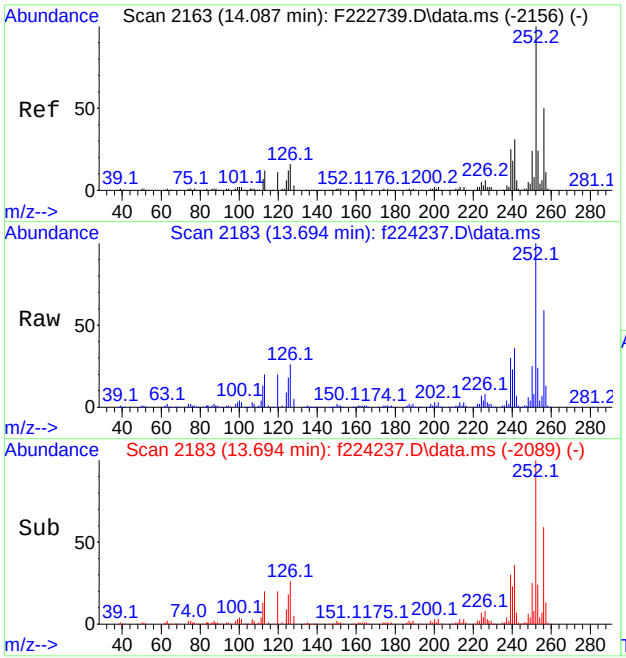


#99
Dibenz[a,h]anthracene
Concen: 56.1105 ppm
RT: 15.585 min Scan# 2537
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:278 Resp: 345903

Ion	Ratio	Lower	Upper
278	100		
139	25.3	0.0	47.4
279	24.5	0.0	53.3

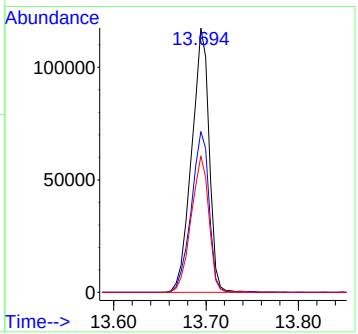


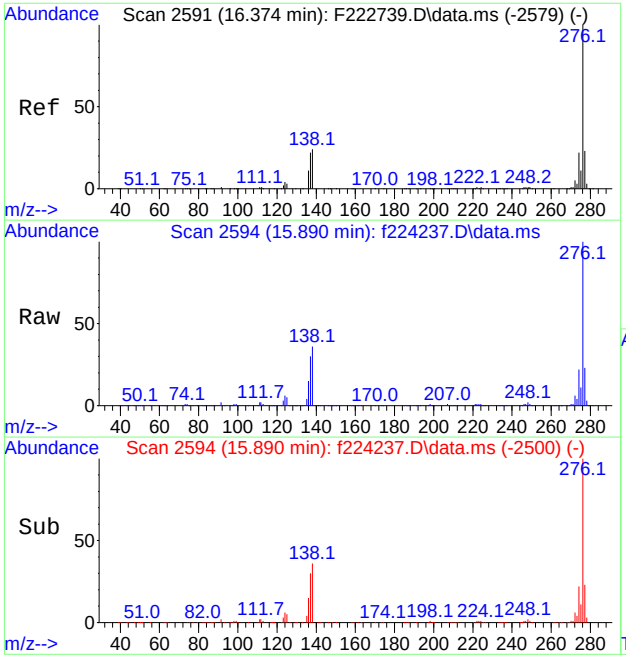


#100
7,12-Dimethylbenz(a)anthracene
Concen: 50.3209 ppm
RT: 13.694 min Scan# 2183
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:256 Resp: 154221

Ion	Ratio	Lower	Upper
256	100		
241	60.7	31.1	91.1
239	51.6	19.1	79.1

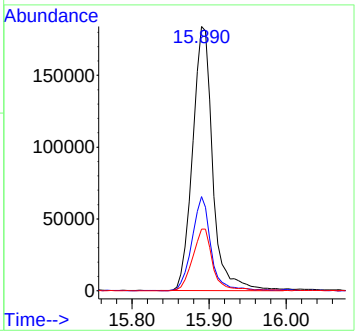




#101
Benzo[g,h,i]perylene
Concen: 56.4047 ppm
RT: 15.890 min Scan# 2594
Delta R.T. 0.000 min
Lab File: f224237.D
Acq: 28 Jan 2025 8:16 am

Tgt Ion:276 Resp: 333740

Ion	Ratio	Lower	Upper
276	100		
138	35.5	0.0	54.3
277	23.3	0.0	53.1



Manual Integration Approval Summary

Sample Number: EF9960-CC9899
Lab FileID: F224237.D
Injection Time: 01/28/25 08:16

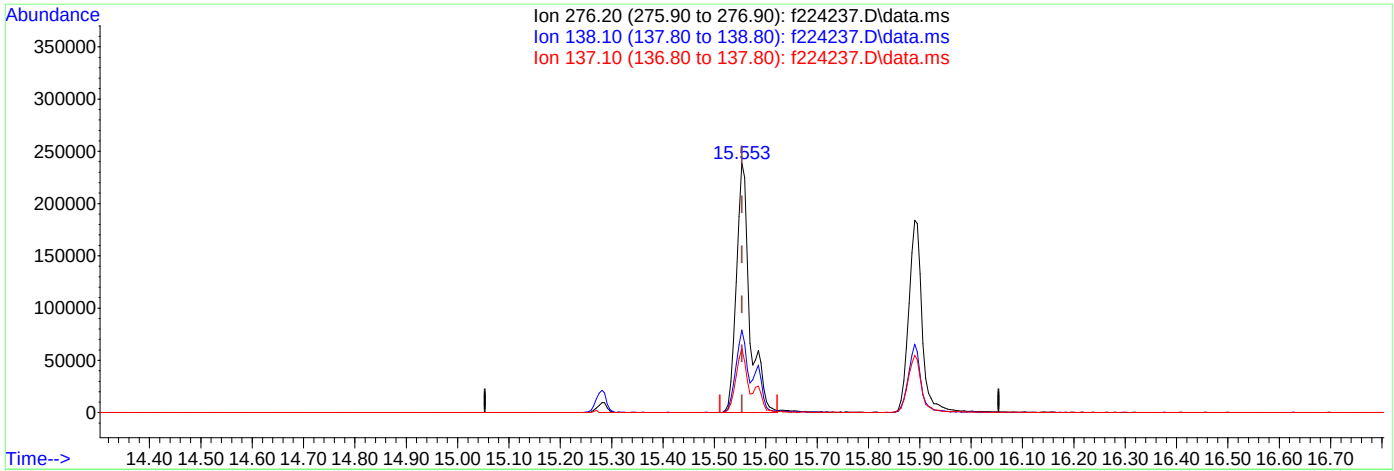
Method: SW846 8270E
Analyst approved: 01/28/25 11:26 Michael Lozano
Supervisor approved: 01/28/25 18:22 Jacky Takeuchi

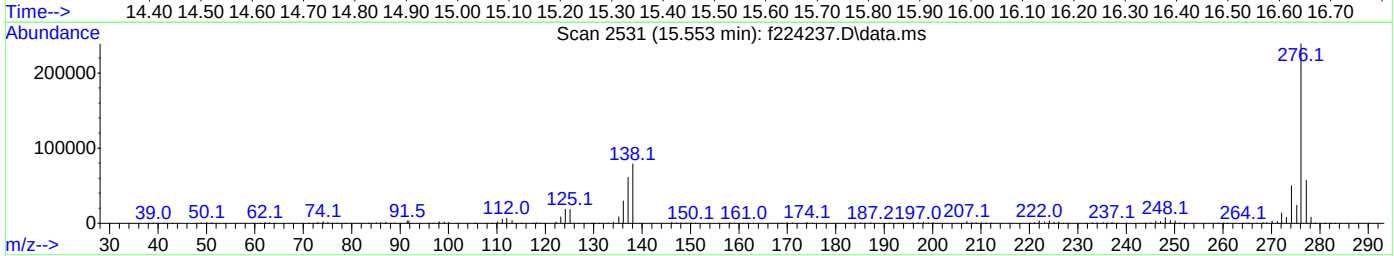
Parameter	CAS	Sig#	R.T. (min.)	Reason
Indeno(1,2,3-cd)pyrene	193-39-5		15.55	Poor instrument integration

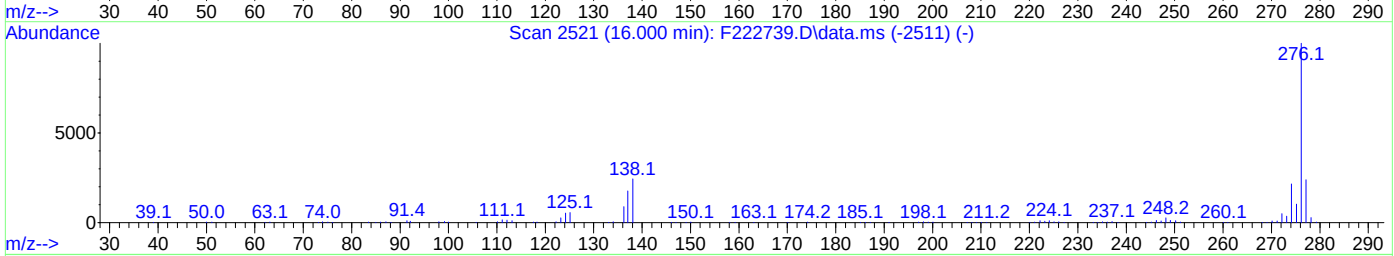
Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224237.D
Acq On : 28 Jan 2025 8:16 am
Operator : kaleigh
Sample : cc9899-50 Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 28 16:06:19 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:05:54 2025
Response via : Initial Calibration







TIC: f224237.D\data.ms

(97) Indeno[1,2,3-cd]pyrene (t)

15.553min (0.000) 61.68ppm

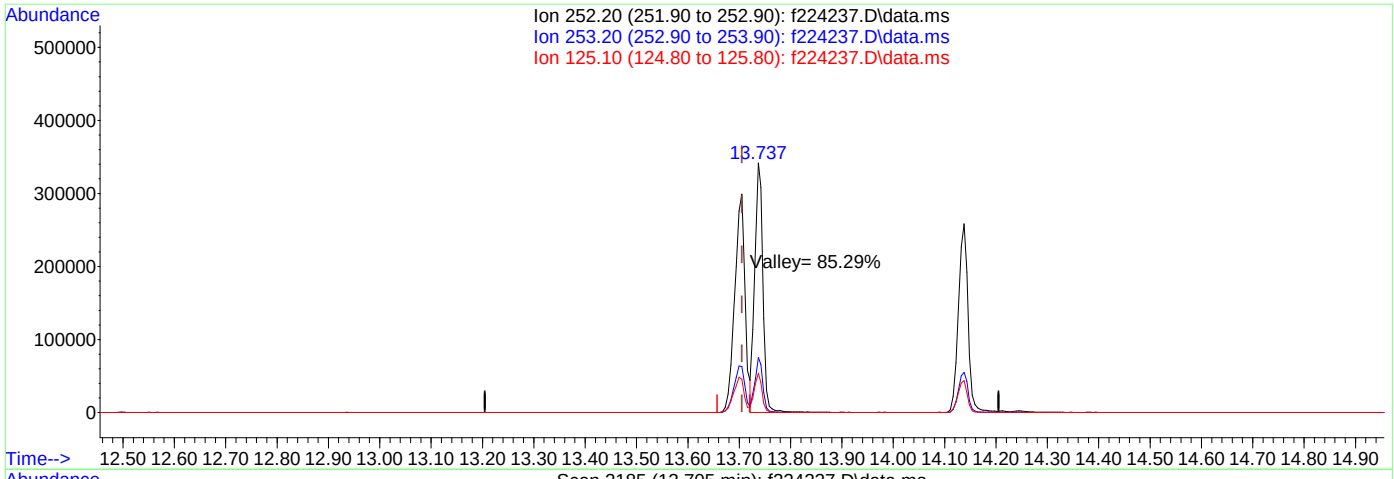
response 430172

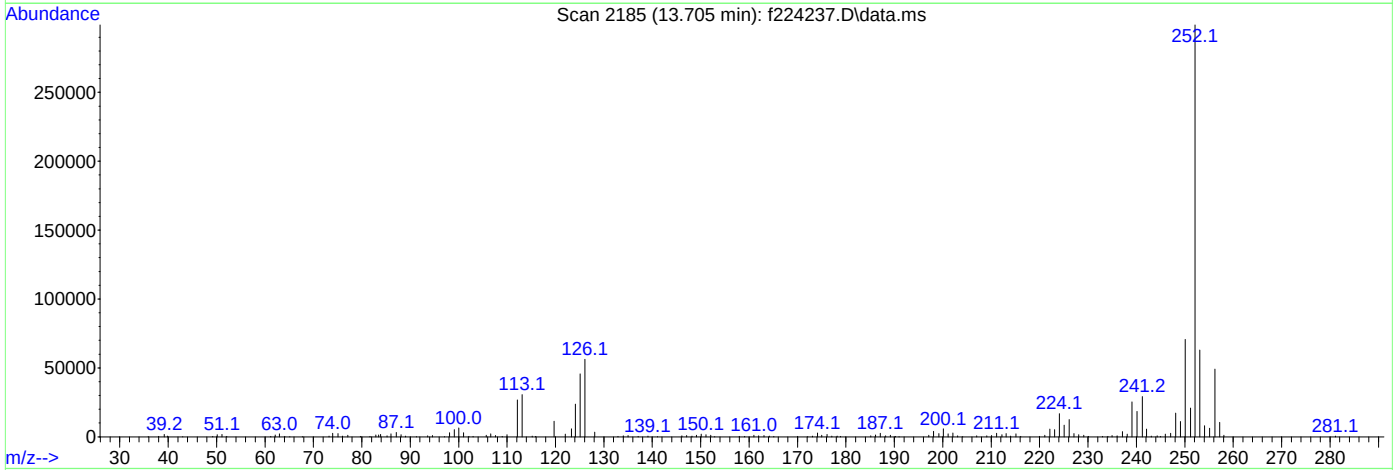
Ion	Exp%	Act%
276.20	100	100
138.10	24.20	32.89
137.10	17.60	25.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224237.D
Acq On : 28 Jan 2025 8:16 am
Operator : kaleigh
Sample : cc9899-50 Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 28 16:10:02 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:05:54 2025
Response via : Initial Calibration





TIC: f224237.D\data.ms

(94) Benzo[b]fluoranthene (t)

13.705min (0.000) 58.71ppm

response 413839

Ion	Exp%	Act%
252.20	100	100
253.20	23.70	21.12
125.10	12.40	15.10
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224238.D
Acq On : 28 Jan 2025 8:48 am
Operator : kaleigh
Sample : cc9899-50 Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 28 16:18:48 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:15:07 2025
Response via : Initial Calibration

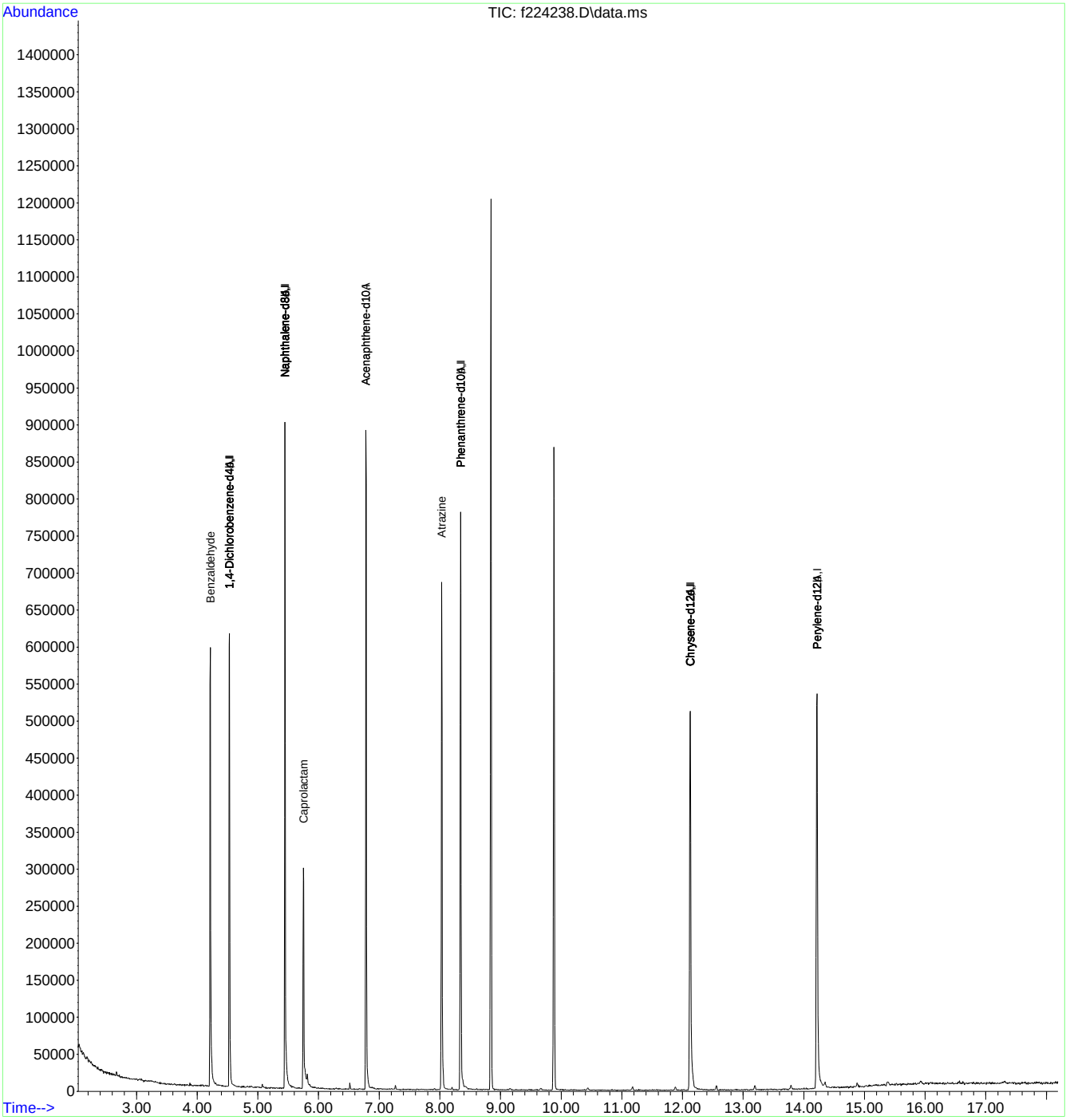
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.532	152	88712	40.00	ppm	0.00
24) Naphthalene-d8	5.446	136	338334	40.00	ppm	0.00
46) Acenaphthene-d10	6.781	164	175993	40.00	ppm	0.00
69) Phenanthrene-d10	8.341	188	323166	40.00	ppm	0.00
83) Chrysene-d12	12.129	240	261190	40.00	ppm	0.00
92) Perylene-d12	14.218	264	277440	40.00	ppm	0.00
102) 1,4-Dichlorobenzene-d4A	4.532	152	88712	40.00	ppm	0.00
112) Naphthalene-d8A	5.446	136	338334	40.00	ppm	0.00
121) Acenaphthene-d10A	6.781	164	175993	40.00	ppm	0.00
132) Phenanthrene-d10A	8.341	188	323166	40.00	ppm	0.00
147) Chrysene-d12A	12.129	240	261190	40.00	ppm	0.00
154) Perylene-d12A	14.218	264	277440	40.00	ppm	0.00
157) 1,4-Dichlorobenzene-d4b	4.532	152	88712	40.00	ppm	0.00
159) Phenanthrene-d10b	8.341	188	323166	40.00	ppm	0.00
161) Naphthalene-d8b	5.446	136	338334	40.00	ppm	0.00
163) Naphthalene-d8c	5.446	136	338334	40.00	ppm	0.00
167) 1,4-Dichlorobenzene-d4c	4.532	152	88712	40.00	ppm	0.00
169) Chrysene-d12c	12.129	240	261190	40.00	ppm	0.00
171) Chrysene-d12d	12.129	240	261190	40.00	ppm	0.00
173) Naphthalene-d8d	5.446	136	338334	40.00	ppm	0.00
175) Chrysene-d12e	12.129	240	261190	40.00	ppm	0.00
177) Perylene-d12b	14.218	264	277440	40.00	ppm	0.00
179) Naphthalene-d8e	5.446	136	338334	40.00	ppm	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
8) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
25) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
51) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
73) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
86) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
158) Benzaldehyde	4.217	105	111012	43.7068	ppm	96
160) Atrazine	8.031	200	80951	52.7866	ppm	92
162) Caprolactam	5.750	55	57753	49.4404	ppm	98

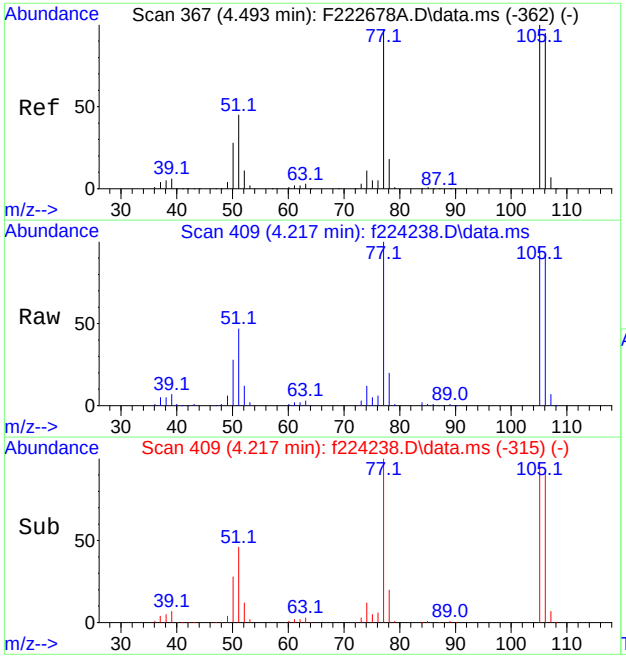
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ef9960\
Data File : f224238.D
Acq On : 28 Jan 2025 8:48 am
Operator : kaleigh
Sample : cc9899-50 Inst : GCMSF
Misc : op60654,ef9960,1000,,,1,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 28 16:18:48 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\ef9960\MF9899.M
Quant Title : Semi Volatile Extractables by GC/MS
QLast Update : Tue Jan 28 16:15:07 2025
Response via : Initial Calibration

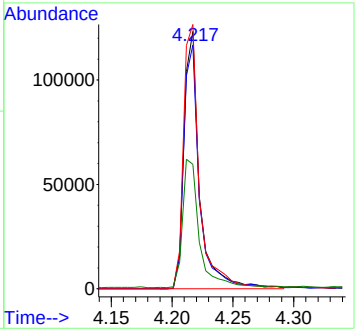


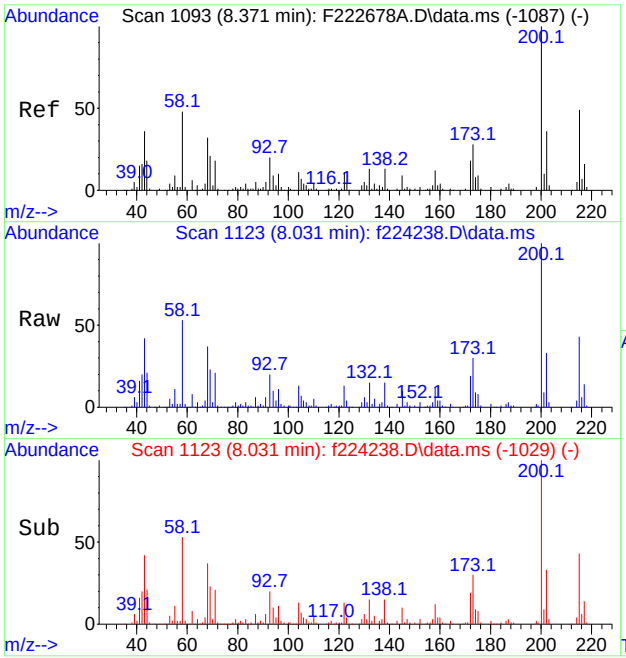


#158
Benzaldehyde
Concen: 43.7068 ppm
RT: 4.217 min Scan# 409
Delta R.T. 0.000 min
Lab File: f224238.D
Acq: 28 Jan 2025 8:48 am

Tgt Ion:105 Resp: 111012

Ion	Ratio	Lower	Upper
105	100		
106	94.7	65.2	125.2
77	102.7	66.9	126.9
51	47.9	14.5	74.5

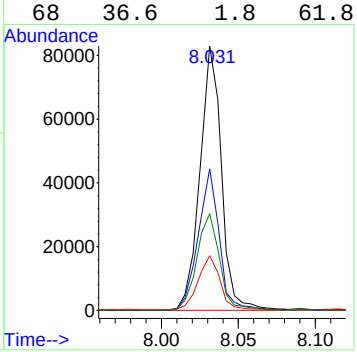


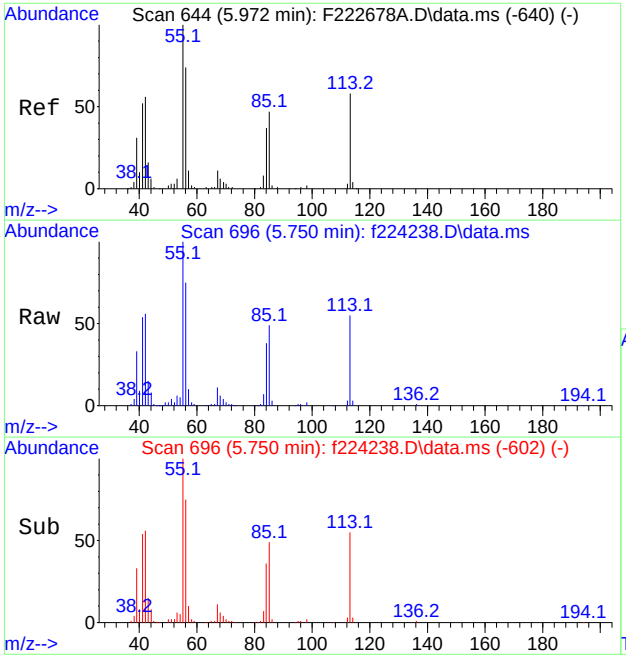


#160
Atrazine
Concen: 52.7866 ppm
RT: 8.031 min Scan# 1123
Delta R.T. 0.000 min
Lab File: f224238.D
Acq: 28 Jan 2025 8:48 am

Tgt Ion:200 Resp: 80951

Ion	Ratio	Lower	Upper
200	100		
58	53.3	17.8	77.8
44	20.6	0.0	48.3
68	36.6	1.8	61.8

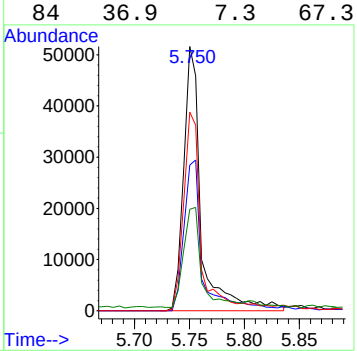




#162
Caprolactam
Concen: 49.4404 ppm
RT: 5.750 min Scan# 696
Delta R.T. 0.000 min
Lab File: f224238.D
Acq: 28 Jan 2025 8:48 am

Tgt Ion: 55 Resp: 57753

Ion	Ratio	Lower	Upper
55	100		
113	54.6	28.5	88.5
56	74.5	44.4	104.4
84	36.9	7.3	67.3



SEMIVOLATILE by GCMS ANALYSIS LOG

Date: 12/17/2024

Standard data

Lot#	Description	oncentration
ao205905	internal std	4000ppm
234412	DCM (Fisher)	
sv24-2986-34a	bna	100ppm
sv24-2986-34b	bna	80ppm
sv24-2986-35	bna	50ppm
sv24-2986-34d	bna	25ppm
sv24-2986-34e	bna	10ppm
sv24-2986-34f	bna	5ppm
sv24-2986-34g	bna	2ppm
sv24-2986-34h	bna	1ppm
sv24-2986-61a	tcl42	100ppm
sv24-2986-61b	tcl42	80ppm
sv24-2986-61c	tcl42	50ppm
sv24-2986-61d	tcl42	25ppm
sv24-2986-61e	tcl42	10ppm
sv24-2986-61f	tcl42	5ppm
sv24-2986-61g	tcl42	2ppm
sv24-2986-61h	tcl42	1ppm
sv24-2968-46	svoc1	50ppm
sv24-2968-97	svoc2	50ppm
sv24-2968-98	svoc4	50ppm
sv24-2968-99	svoc3	50ppm
Lot#	Description	oncentration

Batch ID:ECJ420

Print Analyst Name:
rocquans
Analyst Signature:
RS
Columns:
DB-UI 8270D 30mx0.25mmx0.25um
Method:
8270e/625
Initial Cal. Method:
MCJ420
Injection vol. - 1.0 µl

e files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	h, Run ID, Vi,	IS	SURR	Comments
1	dftpp	dftppcj.M	cj9753	8364,ecj420,30.0,,,1,1			ok 14:18
1	icc420-50	mCJ420.m	cj9754	8364,ecj420,30.0,,,1,1			ok
2	icc420-50	mCJ420.m	cj9755	8364,ecj420,30.0,,,1,1			ok
2	icc420-50	mCJ420.m	cj9756	8364,ecj420,30.0,,,1,1			ok
3	ic420-1	mCJ420.m	cj9757	8364,ecj420,30.0,,,1,1			ok
4	ic420-2	mCJ420.m	cj9758	8364,ecj420,30.0,,,1,1			ok
5	ic420-5	mCJ420.m	cj9759	8364,ecj420,30.0,,,1,1			ok
6	ic420-10	mCJ420.m	cj9760	8364,ecj420,30.0,,,1,1			ok
7	ic420-25	mCJ420.m	cj9761	8364,ecj420,30.0,,,1,1			ok
8	ic420-80	mCJ420.m	cj9762	8364,ecj420,30.0,,,1,1			ok
9	ic420-100	mCJ420.m	cj9763	8364,ecj420,30.0,,,1,1			ok
10	ic420-1	mCJ420.m	cj9764	8364,ecj420,30.0,,,1,1			ok
11	ic420-2	mCJ420.m	cj9765	8364,ecj420,30.0,,,1,1			ok
12	ic420-5	mCJ420.m	cj9766	8364,ecj420,30.0,,,1,1			ok
13	ic420-10	mCJ420.m	cj9767	8364,ecj420,30.0,,,1,1			ok
14	ic420-25	mCJ420.m	cj9768	8364,ecj420,30.0,,,1,1			ok
15	ic420-50	mCJ420.m	cj9769	8364,ecj420,30.0,,,1,1			ok
16	ic420-80	mCJ420.m	cj9770	8364,ecj420,30.0,,,1,1			ok
17	ic420-100	mCJ420.m	cj9771	8364,ecj420,30.0,,,1,1			ok
18	icv420-50	mCJ420.m	cj9772	8364,ecj420,30.0,,,1,1			ok
19	icv420-50	mCJ420.m	cj9773	8364,ecj420,30.0,,,1,1			ok
20	icv420-50	mCJ420.m	cj9774	8364,ecj420,30.0,,,1,1			ok
21	icv420-50	mCJ420.m	cj9775	8364,ecj420,30.0,,,1,1			ok 20:36

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: 1/27/2025

Standard data

Lot#	Description	concentration
ao217176	internal std	4000ppm
244125	DCM (Fisher)	
sv24-2986-34e	bna	0ppm
sv24-2986-35	bna	50ppm
sv24-2986-61c	tcl42	50ppm
Lot#	**Description**	**concentration**

Batch ID:ECJ451

Print Analyst Name:
anthonyo
Analyst Signature:
ao
Columns:
DB-UI 8270D 30mx0.25mmx0.25um
Method:
8270e
Initial Cal. Method:
MCJ420
Injection vol. - 1.0 µl
Processed by: Recheleb

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	test code	IS	SURR	Comments
1	dcm	mCJ420.m	cj10546	op60814,ecj451,30.0,,,1,1				
1	dcm	mCJ420.m	cj10547	op60814,ecj451,30.0,,,1,1				
1	cc420-50	mCJ420.m	cj10548	op60814,ecj451,30.0,,,1,1				wrong vial, do not process
2	cc420-50	mCJ420.m	cj10549	op60814,ecj451,30.0,,,1,1				bna ccv,16:55
3	cc420-50	mCJ420.m	cj10550	op60814,ecj451,30.0,,,1,1				tcl42 ccv
4	cc420-10	mCJ420.m	cj10551	op60814,ecj451,30.0,,,1,1				bna verification
1	dcm	mCJ420.m	cj10552	op60814,ecj451,30.0,,,1,1				ok
5	op61130-mb1	mCJ420.m	cj10553	op61130,ecj451,30.0,,,1,1		y	y	ok
6	op61130-bs1	mCJ420.m	cj10554	op61130,ecj451,30.0,,,1,1		y	y	ok
7	je4334-5	mCJ420.m	cj10555	op60965,ecj451,30.93,,,1,5		y	y	ok
8	je4663-1	mCJ420.m	cj10556	op61130,ecj451,30.6,,,1,1				missing % solids sample
9	je4663-3	mCJ420.m	cj10557	op61130,ecj451,30.5,,,1,1				missing % solids sample
10	je4664-1	mCJ420.m	cj10558	op61130,ecj451,30.5,,,1,1				missing % solids sample
11	je4664-3	mCJ420.m	cj10559	op61130,ecj451,30.1,,,1,1				missing % solids sample
12	je4665-1	mCJ420.m	cj10560	op61130,ecj451,30.0,,,1,1				missing % solids sample
13	je4665-3	mCJ420.m	cj10561	op61130,ecj451,30.9,,,1,1				missing % solids sample
14	je4666-1	mCJ420.m	cj10562	op61130,ecj451,31.2,,,1,1				missing % solids sample

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: 1/27/2025

Standard data

Lot#	Description	concentration
ao217176	internal std	4000ppm
244125	DCM (Fisher)	
sv24-2986-34e	bna	0ppm
sv24-2986-35	bna	50ppm
sv24-2986-61c	tcl42	50ppm
Lot#	Description	concentration

Batch ID:ECJ451

Print Analyst Name:
anthonyo
Analyst Signature:
ao
Columns:
DB-UI 8270D 30mx0.25mmx0.25um
Method:
8270e
Initial Cal. Method:
MCJ420
Injection vol. - 1.0 µl
Processed by: Recheleb

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	test code	IS	SURR	Comments
15	je4666-3	mCJ420.m	cj10563	op61130,ecj451,31.0,,,1,1				missing % solids sample
16	je4667-1	mCJ420.m	cj10564	op61130,ecj451,30.3,,,1,1				missing % solids sample
17	je4655-1	mCJ420.m	cj10565	op61130,ecj451,30.5,,,1,1				missing % solids sample
18	je4680-1	mCJ420.m	cj10566	op61130,ecj451,30.4,,,1,1				missing % solids sample
19	je4680-2	mCJ420.m	cj10567	op61130,ecj451,17.0,,,1,1				missing % solids sample
20	je4680-3	mCJ420.m	cj10568	op61130,ecj451,31.0,,,1,1				missing % solids sample
21	je4680-4	mCJ420.m	cj10569	op61130,ecj451,31.0,,,1,1				missing % solids sample
22	op61130-ms	mCJ420.m	cj10570	op61130,ecj451,16.6,,,1,1				missing % qc link sample
23	op61130-msd	mCJ420.m	cj10571	op61130,ecj451,15.7,,,1,1				missing % qc link sample
24	je4646-1	mCJ420.m	cj10572	op61130,ecj451,15.2,,,1,1				missing % solids sample
25	je4646-2	mCJ420.m	cj10573	op61130,ecj451,16.4,,,1,1				missing % solids sample
26	je4646-4	mCJ420.m	cj10574	op61130,ecj451,15.3,,,1,1				missing % solids sample
27	je4646-5	mCJ420.m	cj10575	op61130,ecj451,15.5,,,1,1				missing % solids sample,12:43

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: 11/7/2024

Batch ID:EF9899

Print Analyst Name:
jackleen
Analyst Signature:
jy
Columns:

ZB-5MSplus 30mx0.25mmx0.25um
Method:
8270e/625
Initial Cal. Method:
MF9898

Standard data

Lot#	Description	concentration	Lot#	Description	concentration
sv24-2980-109	dftpp	50ppm	sv24-2980-109	dftpp	50ppm
sv24-2980-59a	bna	100ppm	sv24-2980-56	2nd source	50ppm
sv24-2980-59b	bna	80ppm	sv24-2980-85	2nd source	50ppm
sv24-2986-20	bna	50ppm	sv24-2980-118	2nd source	50ppm
sv24-2980-59d	bna	25ppm			
sv24-2980-59e	bna	10ppm			
sv24-2980-59f	bna	5ppm			
sv24-2980-59g	bna	2ppm			
sv24-2980-59h	bna	1ppm			

Standard data | Standard data

Lot#	Description	concentration	Lot#	Description	concentration
ao214801	istd	4000ppm	ao214801	istd	4000ppm
242604	dcm-fisher		242604	dcm-fisher	

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
15	dcm	MF9898	f222730	op58797b,ef9899,1000,,,1,1				ok	8:48am
15	dcm	MF9898	f222731	op58797b,ef9899,1000,,,1,1					
1	dftpp	DFTPPF	f222732a	op58797b,ef9899,1000,,,1,1				ok	8:48 AM
3	ic9899-1	MF9899	f222733	op58797b,ef9899,1000,,,1,1				ok	
4	ic9899-2	MF9899	f222734	op58797b,ef9899,1000,,,1,1				ok	
5	ic9899-5	MF9899	f222735	op58797b,ef9899,1000,,,1,1				ok	
6	ic9899-10	MF9899	f222736	op58797b,ef9899,1000,,,1,1				ok	
7	ic9899-25	MF9899	f222737	op58797b,ef9899,1000,,,1,1				ok	
2	icc9899-50	MF9899	f222739	op58797b,ef9899,1000,,,1,1				ok	
8	ic9899-80	MF9899	f222738	op58797b,ef9899,1000,,,1,1				ok	
9	ic9899-100	MF9899	f222740	op58797b,ef9899,1000,,,1,1				ok	
10	icv9899-50	MF9899	f222741	op58797b,ef9899,1000,,,1,1				ok	
11	icv9899-50	MF9899	f222742	op58797b,ef9899,1000,,,1,1				ok	
12	icv9899-50	MF9899	f222743	op58797b,ef9899,1000,,,1,1				ok	12:53 PM

SGS

SEMIVOLATILE by GCMS ANALYSIS LOG

Date: 1/28/2025

Standard data

Lot#	Description	concentration
sv24-2980-109	dftpp	50ppm
sv24-2986-35	bna	50ppm
sv24-2986-61c	tcl42	50ppm

Standard data

Lot#	Description	concentration
ao217176	istd	4000ppm
243371	dcm-fisher	

Batch ID:EF9960

Print Analyst Name:
kaleigh
Analyst Signature:
kh
Columns:

ZB-5MSplus 30mx0.25mmx0.25um
Method:
8270e/625
Initial Cal. Method:
MF9899
Injection vol. - 1.0 µl

7.7.4

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Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

ALS	Sample ID	Method	File ID	OP Batch, Run ID, Vi,,,Vf, Dil.	Test Code	IS	SURR	Status	Comments
1	dcm	MF9899	f224235	op60654,ef9960,1000,,,1,1		Y	Y	OK	
2	dftpp	DFTPPF	f224236	op60654,ef9960,1000,,,1,1		Y	Y	OK	8:03:00 AM
3	cc9899-50	MF9899	f224237	op60654,ef9960,1000,,,1,1		Y	Y	OK	8:16:00 AM
4	cc9895-50	MF9899	f224238	op60654,ef9960,1000,,,1,1		Y	Y	OK	
5	op61138-mb1	MF9899	f224239	op61138,ef9960,1000,,,1,1		Y	Y	OK	
6	op61138-bs1	MF9899	f224240	op61138,ef9960,1000,,,1,1		Y	Y	OK	
7	op61138-bsd	MF9899	f224241	op61138,ef9960,1000,,,1,1		Y	Y	OK	
8	je4613-1	MF9899	f224242	op61138b,ef9960,1000,,,1,1	AB625PPL	Y	Y	OK	
9	je4613-2	MF9899	f224243	op61138b,ef9960,1000,,,1,1	AB625PPL	Y	Y	OK	
10	je4613-3	MF9899	f224244	op61138b,ef9960,1000,,,1,1	AB625PPL	Y	Y	OK	
11	je4646-6	MF9899	f224245	op61138,ef9960,1000,,,1,1	AB8270TCL20*	Y	Y	OK	
12	je4641-1	MF9899	f224246	op61138,ef9960,1000,,,1,1	AB8270TICS+*	Y	Y	OK	
13	je4641-2	MF9899	f224247	op61138,ef9960,1000,,,1,1	AB8270TICS+*	Y	Y	OK	
14	je4641-3	MF9899	f224248	op61138,ef9960,1000,,,1,1	AB8270TICS+*	Y	Y	OK	
15	je4641-4	MF9899	f224249	op61138,ef9960,1000,,,1,1	AB8270TICS+*	Y	Y	OK	
16	je4641-5	MF9899	f224250	op61138,ef9960,1000,,,1,1	AB8270TICS+*	Y	Y	OK	
17	je4641-6	MF9899	f224251	op61138,ef9960,1000,,,1,1	AB8270TICS+*	Y	Y	OK	
18	je4641-7	MF9899	f224252	op61138,ef9960,1000,,,1,1	AB8270TICS+*	Y	Y	OK	3:10 PM

ABN Extraction Log - Solids

LOGBOOK ID:

Date started: 1/27/25 Time started: 12:00
Date finished: 1/27/25 Time finished: 14:10

Extract Method (CHECK OFF "√" /DO NOT CIRCLE):
Microwave SW3546 ✓ Sonication SW3550C _____
Waste Dil. SW3580A _____ Soxhlet SW3540C _____

BATCH # MS DP61130 RACK# YELLOW

Weighed by:	EB
Extracted by:	EB, DF
Concentrated by:	EB
Final Vol. To Vialed	EB
Supervisor Review:	NLP 1-22-2025

Equipment/ Range	ID		Correction Factor (°C)	Corrected Temp (°C)	Pressure/ Flowrate
Buchi (65-71°C)	B	65	—	—	OK
Buchi Chiller	B4	10	—	—	OK
Waterbath (70-80°C)					
Waterbath Chiller (GPM)					
NEVAP (32-35°C, LPM)	5	35.1	—	—	OK
Balance		N/A	N/A	N/A	N/A

SURROGATE	LOT #	CONC (ppm)	AMT (mL)
ABN	24297404	50	1.0
ABN DOD SIM			
WITNESS SIGN:	DF	SPIKE SIGN:	EB

MATRIX SPIKE	LOT #	CONC (ppm)	AMT (mL)
Acid			Acid:
Acid (for SIM)			A(SIM):
Base #1 mix1	24297791	50/100	1.0
Base #2 mix2	SV24-2979-05	50	1.0
Aniline			
BSIM			
WITNESS SIGN:	DF	SPIKE SIGN:	EB

SOLVENT	LOT #	BRAND	AMT (mL)
1:1 METH CHLOR/ ACETONE	244494 / 240836	Fisher / Fisher	30.0
METH CHLOR	244494	Fisher	Ve

REAGENT	LOT #	BAKE BATCH #	BRAND
HYDROMATRIX	425003-021	1/18/25	Agilent
SODIUM SULFATE	417183	1/17/25	J.T.Baker
FILTER PAPER	18/7401		Fisher

MATRIX	LOT #	BAKE BATCH #	BRAND
SAND			
VIALS	23056188		Fisher

Special Client Spike Instructions

QC ID# for Special Spike	Amt to Spike	Spike ID	Lot #	Conc.	Amt. Spiked

WITNESS SIGN: SPIKE SIGN:
Manager/Supervisor/Team Lead Approval:

SPECIAL PROCESSING INSTRUCTIONS

Rx Reason:

Spiking:

Weights/Volumes:

Required MS/MSD: JE4646-1

Final Volume:

Other: HT: 217 Due: 1130

BA1127

	Sample #	Analysis Type	Sample Bottle #	Sample Description	Sample Wet Wt. (g) Oil (g) Liq (mL)	Decant Y	Decant N	Sonicator ID	Microwave ID	Final Extract Color	Final Extract Vol(mL)	Comments
	MB1	ABN		NOSA	30.0			12		clear	1.0	
	JE4646-1 BS1			NOSA	30.0			12		yellow	1.0	
	~~JE4603-3~~ MS		1	mud	16.4			12		Brown	1.0	!
	MSD		1	mud	15.7			12		Brown	1.0	!
	BS											
	MS											
	MSD											
	BS											
	MS											
	MSD											
1	JE4663-1	ABN	1	Soil	30.6			12		yellow	1.0	
2	-3		1	Soil	30.5			12		yellow	1.0	
3	JE4664-1		1	Soil	30.5			12		Brown	1.0	
4	-3		1	Soil	30.1			12		Yellow	1.0	
5	JE4665-1		1	Soil	30.0			12		yellow	1.0	
6	-3		1	Soil	30.9			12		Brown	1.0	!
7	JE4666-1		1	Soil	31.2			12		Brown	1.0	!
8	-3		1	Soil	31.0			12		Brown	1.0	!
9	JE4667-1		1	Soil	30.3			12		yellow	1.0	!
10	JE4655-1		1	Soil	30.5			12		Brown	1.0	!
11	JE4680-1		1	Soil	30.4			12		yellow	1.0	
12	-2		1	clay	17.0			12		yellow	1.0	X
13	-3		1	Soil	31.0			12		Brown	1.0	!
14	-4		1	Soil/rock	31.0			12		yellow	1.0	
15	JE4646-1		1	mud	15.2			12		Brown	1.0	X!
16	-2		1	mud	16.4			12		Brown	1.0	X!
17	~~-3~~											
18	-4		1	soil/mud	15.3			12		Brown	1.0	X!
19	-5		1	mud	15.5			12		Brown	1.0	X!
20												

Comments: QC Samples (MS, MSD, LINK and/or DUP, Link) Confirmed by:

X-reduced weight, high volume, ! - per matrix

SGS
Form: OP019-11
Rev Date: 4/19/22

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LOGBOOK ID:

ABN Aqueous Extraction Logbook

Date Started: 1/27/25 Time Started: 10:00
Date Finished: 01/27/25 Time Finished: 14:45

Extract Method (CHECK OFF "√" /DO NOT CIRCLE):
Separatory Funnel: SW846 3510C/CLP/other √ 3510C SIM √
Continuous Liquid Liquid: SW846 3520C/CLP/other

Update A + B batch

BATCH # MS OP61138 RACK# ~~Orange~~ Green

Set-up by:	DS, JL
Extracted by:	DS
Concentrated by:	JL
Final Vol. Top-up:	~~SC~~
Vialed by:	JL
VIALS:	23986088 / Fisher
Supervisor Review:	NIT 1-27-2025

Special Client Spike Instructions

QC ID# for Special Spike	Amt to Spike	Spike ID	Lot #	Conc.	Amt. Spiked
BS13	1.0mL	APA	242986-121	~~5000~~ 50 ppm	1.0mL

WITNESS SIGN: JL SPIKE SIGN: DS
Manager/Supervisor/Team Lead Approval:

SPECIAL PROCESSING INSTRUCTIONS
Rx Reason:
Spiking:
Weights/Volumes:
Required MS/MSD:
Final Volume:
Other: HT: 1/28 Dur: 1/30

Sample #	Analysis Type	Sample Bottle #	Sample Description	Sample Volume (mL)	Final pH Acid Extract	Final pH BN/ABN Extract	Final Extract Color	Final Extract Vol(mL)	Comments
MB1	ABN		DI H2O	1,000		14	Clear	1	
BS1			DI H2O	1,000		14	Yellow	1	
~~BSD MS~~			DI H2O	1,000		14	Yellow	1	
BS12 ~~MSD~~	Sim		DI H2O	1,000	1	14	Clear	1	
BSD12			DI H2O	1,000		14	Clear	1	
BS13 ~~MS~~	APA		DI H2O	1,000		14	Yellow	1	
MSD									
BS									
MS									
MSD									
1 JE4646-6	ABN	1	Clear	1,000		14	Clear	1	
2 JD76611-20P	APA	1	Clear	1,000		14	Clear	1	
-22P	Sim	1	Clear	1,000		14	Clear	1	
-39P	APA	1	Clear	1,000		14	Clear	1	
5 ~~-40PA~~									X
6 JE4613-1	625	1	L. yellow	1,000		14	Clear	1	
7 -2		1	L. yellow	1,000		14	~~Clear~~ Yellow	1	
8 -3		2	Clear	1,000		14	Clear	1	
9 JE4641-1	ABN	1	Clear	1,000		14	Clear	1	
10 -2		1	Clear	1,000		14	Clear	1	
11 -3		2	Clear	1,000		14	Clear	1	
12 -4		1	L. yellow	1,000		14	Clear	1	
13 -5		2	Yellow	1,000		14	~~Clear~~ Yellow	1	
14 -6		2	Yellow	1,000		14	~~Clear~~ Yellow	1	
15 -7		1	Clear	1,000		14	Clear	1	
16 DA09912-1		2	Grey	1,000		14	Green	1	
17 -2		2	Yellow	1,000		14	Clear	1	
18									
19									
20									

Comments: QC Samples (MS, MSD, LINK and/or DUP, Link) Confirmed by:
X Sample unavailable

Equipment/ Range	ID	Observed Temp (°C)	Correction Factor (°C)	Corrected Temp (°C)	Pressure/ Flowrate
Buchi (65-71°C)					
Buchi Chiller					
Waterbath (70-80°C)	8	77.1	+1	78.1	OK
Waterbath Chiller (GPM)	F2	5	—	—	OK
NEVAP (32-38°C, LPM)	3	35.2	—	—	10

SURROGATE	LOT#	CONC (ppm)	AMT (mL)
ABN	242977-104	50	1.0
ABN DOD SIM			

WITNESS SIGN: JL SPIKE SIGN: DS

MATRIX SPIKE	LOT#	CONC (ppm)	AMT (mL)
Acid			Acid:
Acid (for SIM)			A(SIM):
~~Base~~ #1 MN)	242977-91	50/400	1.0
Base #2 Hi2	242977-105	50	1.0
Anilines			
BSIM	242977-93	1/1/4	1.0

WITNESS SIGN: JL SPIKE SIGN: DS

SOLVENT	LOT#	BRAND	AMT (mL)
METH CHLOR	245268	Fisher	6x60

REAGENT	LOT#	BATCH #	BRAND
NaOH	244718		Fisher
H2SO4	~~Yellow~~		Kiela
Sodium Sulfate	417203	01/17/25	LES
Glass Wool	07A29		LES
Filter Paper			
pH strips	201524		Hydrion

SGS
Form: OP022-15
Rev Date: 5/13/22

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Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Instrument Runlogs
- Initial and Continuing Calibration Blanks
- Initial and Continuing Calibration Checks
- High and Low Check Standards
- Interfering Element Check Standards
- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries
- IDL and Linear Range Summaries

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
Analyst: MK Run ID: MA57767
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:41	MA57767-STD1	1		b=2.2064e-004,c=-4.1465e-003,rho=0.9999328
14:42	MA57767-STD2	1		STDB
14:44	MA57767-STD3	1		STDC
14:45	MA57767-STD4	1		STDD
14:47	MA57767-STD5	1		STDE
14:49	MA57767-STD6	1		STDF
15:01	ZZZZZZ	1		
15:02	MA57767-ICV1	1		
15:04	MA57767-ICB1	1		
15:06	MA57767-CCV1	1		
15:07	MA57767-CCB1	1		
15:09	MA57767-CRI1	1		
15:10	MA57767-CRI2	1		
15:12	MP52377-MB1	1		
15:13	MP52377-LB1	1		
15:15	MP52377-B1	1		
15:16	MP52377-LS1	1		
15:20	MP52377-S1	1		
15:21	MP52377-S2	1		
15:23	JE4528-1	1		(sample used for QC only; not part of login JE4646)
15:25	ZZZZZZ	1		
15:26	MA57767-CCV2	1		
15:27	MA57767-CCB2	1		
15:29	MP52401-MB1	1		
15:31	MP52401-B1	1		
15:32	MP52401-S1	1		
15:34	MP52401-S2	1		
15:36	JE4604-1	1		(sample used for QC only; not part of login JE4646)
15:38	ZZZZZZ	1		
15:39	ZZZZZZ	1		
15:40	ZZZZZZ	1		
15:42	MA57767-CCV3	1		
15:43	MA57767-CCB3	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
Analyst: MK Run ID: MA57767
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:45	ZZZZZZ	1		
15:46	ZZZZZZ	1		
15:48	ZZZZZZ	1		
15:49	ZZZZZZ	1		
15:50	ZZZZZZ	1		
15:52	ZZZZZZ	1		
15:53	ZZZZZZ	1		
15:55	ZZZZZZ	1		
15:56	MA57767-CCV4	1		
15:58	MA57767-CCB4	1		
15:59	JE4646-6	1		
---------->	Last reportable sample/prep for job JE4646			
16:01	MP52402-MB1	1		
16:02	MP52402-LB1	1		
16:04	MP52402-B1	1		
16:05	MP52402-LS1	1		
16:07	MP52402-S1	1		
16:08	MP52402-S2	1		
16:10	JE4569-1	1		(sample used for QC only; not part of login JE4646)
16:12	MA57767-CCV5	1		
16:13	MA57767-CCB5	1		
16:15	ZZZZZZ	1		
16:17	ZZZZZZ	1		
16:18	ZZZZZZ	1		
16:19	ZZZZZZ	1		
16:21	ZZZZZZ	1		
16:22	ZZZZZZ	1		
16:24	ZZZZZZ	1		
16:25	ZZZZZZ	1		
16:27	MA57767-CCV6	1		
16:28	MA57767-CCB6	1		
16:30	MP52403-MB1	1		
16:31	MP52403-LB1	1		
16:33	MP52403-B1	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
Analyst: MK Run ID: MA57767
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:34	MP52403-LS1	1		
16:36	MP52403-S1	1		
16:38	MP52403-S2	1		
16:39	JE4615-1	1		(sample used for QC only; not part of login JE4646)
16:41	ZZZZZZ	1		
16:44	MA57767-CCV7	1		
16:45	MA57767-CCB7	1		
16:47	ZZZZZZ	1		
16:49	ZZZZZZ	1		
16:50	ZZZZZZ	1		
16:51	ZZZZZZ	1		
16:53	ZZZZZZ	1		
16:54	ZZZZZZ	1		
16:56	MA57767-CRI3	1		
16:57	MA57767-CCV8	1		
16:58	MA57767-CCB8	1		

----------> Last reportable CCB for job JE4646
Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
Analyst: MK Run ID: MA57767
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg	
15:01	ZZZZZZ	1		
15:02	MA57767-ICV1	1	X	
15:04	MA57767-ICB1	1	X	
15:06	MA57767-CCV1	1	X	
15:07	MA57767-CCB1	1	X	
15:09	MA57767-CRI1	1		
15:10	MA57767-CRI2	1	X	
15:12	MP52377-MB1	1	X	
15:13	MP52377-LB1	1		
15:15	MP52377-B1	1	X	
15:16	MP52377-LS1	1	X	
15:20	MP52377-S1	1	X	
15:21	MP52377-S2	1	X	
15:23	JE4528-1	1	X	(a)
15:25	ZZZZZZ	1		
15:26	MA57767-CCV2	1	X	
15:27	MA57767-CCB2	1	X	
15:29	MP52401-MB1	1	X	
15:31	MP52401-B1	1	X	
15:32	MP52401-S1	1	X	
15:34	MP52401-S2	1	X	
15:36	JE4604-1	1	X	(a)
15:38	ZZZZZZ	1		
15:39	ZZZZZZ	1		
15:40	ZZZZZZ	1		
15:42	MA57767-CCV3	1	X	
15:43	MA57767-CCB3	1	X	
15:45	ZZZZZZ	1		
15:46	ZZZZZZ	1		
15:48	ZZZZZZ	1		
15:49	ZZZZZZ	1		
15:50	ZZZZZZ	1		
15:52	ZZZZZZ	1		
		Element:	Hg	

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
Analyst: MK Run ID: MA57767
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg	
15:53	ZZZZZZ	1		
15:55	ZZZZZZ	1		
15:56	MA57767-CCV4	1	X	
15:58	MA57767-CCB4	1	X	
15:59	JE4646-6	1	X	
16:01	MP52402-MB1	1	X	
16:02	MP52402-LB1	1		
16:04	MP52402-B1	1	X	
16:05	MP52402-LS1	1	X	
16:07	MP52402-S1	1	X	
16:08	MP52402-S2	1	X	
16:10	JE4569-1	1	X	(a)
16:12	MA57767-CCV5	1	X	
16:13	MA57767-CCB5	1	X	
16:15	ZZZZZZ	1		
16:17	ZZZZZZ	1		
16:18	ZZZZZZ	1		
16:19	ZZZZZZ	1		
16:21	ZZZZZZ	1		
16:22	ZZZZZZ	1		
16:24	ZZZZZZ	1		
16:25	ZZZZZZ	1		
16:27	MA57767-CCV6	1	X	
16:28	MA57767-CCB6	1	X	
16:30	MP52403-MB1	1	X	
16:31	MP52403-LB1	1		
16:33	MP52403-B1	1	X	
16:34	MP52403-LS1	1	X	
16:36	MP52403-S1	1	X	
16:38	MP52403-S2	1	X	
16:39	JE4615-1	1	X	(a)
16:41	ZZZZZZ	1		
16:44	MA57767-CCV7	1	X	
		Element:	Hg	

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
Analyst: MK Run ID: MA57767
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg
16:45	MA57767-CCB7	1	X
16:47	ZZZZZZ	1	
16:49	ZZZZZZ	1	
16:50	ZZZZZZ	1	
16:51	ZZZZZZ	1	
16:53	ZZZZZZ	1	
16:54	ZZZZZZ	1	
16:56	MA57767-CRI3	1	X
16:57	MA57767-CCV8	1	X
16:58	MA57767-CCB8	1	X

(a) Sample used for QC only; not part of login JE4646.

	Element:	Hg

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA57767 Units: ug/l

Time:			15:04		15:07		15:27		15:43	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	0.20	.04	-0.0743	<0.20	-0.0721	<0.20	-0.0580	<0.20	-0.0597	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA57767 Units: ug/l

Time: / Sample ID:			15:58 CCB4		16:13 CCB5		16:28 CCB6		16:45 CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	0.20	.04	-0.0611	<0.20	-0.0703	<0.20	-0.0688	<0.20	-0.0606	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA57767 Units: ug/l

Time:			16:58	
Sample ID:			CCB8	
Metal	RL	IDL	raw	final
Mercury	0.20	.04	-0.0686	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA57767 Units: ug/l

Time:		15:02			15:06			15:26	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3.0	3.00	100.0	2.5	2.64	105.6	2.5	2.66	106.4

(*) Outside of QC limits
(anr) Analyte not requested

8.1.3
8

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA57767 Units: ug/l

Time:		15:42			15:56			16:12	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	2.5	2.62	104.8	2.5	2.68	107.2	2.5	2.71	108.4

(*) Outside of QC limits
(anr) Analyte not requested

8.1.3
8

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA57767 Units: ug/l

Time:		16:27			16:44			16:57	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	2.5	2.62	104.8	2.5	2.60	104.0	2.5	2.49	99.6

(*) Outside of QC limits
(anr) Analyte not requested

8.1.3
8

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725W1.CSV Date Analyzed: 01/27/25 Methods: SW846 7470A
QC Limits: 70 to 130 % Recovery Run ID: MA57767 Units: ug/l

Time:			15:10		16:56	
Sample ID:	CRI	CRIA	CRI2		CRI3	
Metal	True	True	Results	% Rec	Results	% Rec
Mercury	0.20		0.152	76.0	0.199	99.5

(*) Outside of QC limits
(anr) Analyte not requested

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725S1.CSV Date Analyzed: 01/27/25 Methods: SW846 7471B
Analyst: MK Run ID: MA57768
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
12:06	MA57768-STD1	1		b=1.1669e-004,c=3.9205e-002,rho=0.9993847
12:08	MA57768-STD2	1		STDB
12:09	MA57768-STD3	1		STDC
12:11	MA57768-STD4	1		STDD
12:12	MA57768-STD5	1		STDE
12:14	MA57768-STD6	1		STDF
12:16	MA57768-STD7	1		STDA
12:18	MA57768-STD8	1		STDC
12:21	ZZZZZZ	1		
12:22	MA57768-ICV1	1		
12:24	MA57768-ICB1	1		
12:26	MA57768-CCV1	1		
12:27	MA57768-CCB1	1		
12:29	MA57768-CRI1	1		
12:30	MP52404-MB1	1		
12:32	MP52404-B1	1		
12:34	MP52404-S1	1		
12:37	MP52404-S2	1		
12:39	JE4646-1	1		
12:41	JE4646-2	1		
12:43	JE4646-3	1		
12:45	JE4646-5	1		
12:50	MA57768-CCV2	1		
12:52	MA57768-CCB2	1		
12:55	ZZZZZZ	1		
12:57	ZZZZZZ	1		
13:00	ZZZZZZ	1		
13:01	ZZZZZZ	1		
13:03	ZZZZZZ	1		
13:05	ZZZZZZ	1		
13:07	ZZZZZZ	1		
13:08	ZZZZZZ	1		
13:10	MA57768-CCV3	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725S1.CSV Date Analyzed: 01/27/25 Methods: SW846 7471B
Analyst: MK Run ID: MA57768
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:12	MA57768-CCB3	1		
13:14	ZZZZZZ	1		
13:15	ZZZZZZ	1		
13:17	ZZZZZZ	1		
13:18	ZZZZZZ	1		
13:20	ZZZZZZ	1		
13:22	ZZZZZZ	1		
13:23	ZZZZZZ	1		
13:25	ZZZZZZ	1		
13:27	MA57768-CCV4	1		
13:28	MA57768-CCB4	1		
13:30	MP52405-MB1	1		
13:31	MP52405-B1	1		
13:33	MP52405-S1	1		
13:35	MP52405-S2	1		
13:37	JE4655-1	1		(sample used for QC only; not part of login JE4646)
13:39	ZZZZZZ	1		
13:40	MP52404-PS1	1		
---------->	Last reportable sample/prep for job JE4646			
13:44	MA57768-CCV5	1		
13:45	MA57768-CCB5	1		
---------->	Last reportable CCB for job JE4646			

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725S1.CSV Date Analyzed: 01/27/25 Methods: SW846 7471B
Analyst: MK Run ID: MA57768
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg
12:21	ZZZZZZ	1	
12:22	MA57768-ICV1	1	X
12:24	MA57768-ICB1	1	X
12:26	MA57768-CCV1	1	X
12:27	MA57768-CCB1	1	X
12:29	MA57768-CRI1	1	X
12:30	MP52404-MB1	1	X
12:32	MP52404-B1	1	X
12:34	MP52404-S1	1	X
12:37	MP52404-S2	1	X
12:39	JE4646-1	1	X
12:41	JE4646-2	1	X
12:43	JE4646-3	1	X
12:45	JE4646-5	1	X
12:50	MA57768-CCV2	1	X
12:52	MA57768-CCB2	1	X
12:55	ZZZZZZ	1	
12:57	ZZZZZZ	1	
13:00	ZZZZZZ	1	
13:01	ZZZZZZ	1	
13:03	ZZZZZZ	1	
13:05	ZZZZZZ	1	
13:07	ZZZZZZ	1	
13:08	ZZZZZZ	1	
13:10	MA57768-CCV3	1	X
13:12	MA57768-CCB3	1	X
13:14	ZZZZZZ	1	
13:15	ZZZZZZ	1	
13:17	ZZZZZZ	1	
13:18	ZZZZZZ	1	
13:20	ZZZZZZ	1	
13:22	ZZZZZZ	1	
13:23	ZZZZZZ	1	
		Element:	Hg

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725S1.CSV Date Analyzed: 01/27/25 Methods: SW846 7471B
Analyst: MK Run ID: MA57768
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg
13:25	ZZZZZZ	1	
13:27	MA57768-CCV4	1	X
13:28	MA57768-CCB4	1	X
13:30	MP52405-MB1	1	X
13:31	MP52405-B1	1	X
13:33	MP52405-S1	1	X
13:35	MP52405-S2	1	X
13:37	JE4655-1	1	X (a)
13:39	ZZZZZZ	1	
13:40	MP52404-PS1	1	X
13:44	MA57768-CCV5	1	X
13:45	MA57768-CCB5	1	X

(a) Sample used for QC only; not part of login JE4646.

Element: Hg

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725S1.CSV Date Analyzed: 01/27/25 Methods: SW846 7471B
QC Limits: result < RL Run ID: MA57768 Units: ug/l

Time:			12:24		12:27		12:52		13:12	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	0.20	.04	0.00640	<0.20	0.00380	<0.20	0.0118	<0.20	0.00410	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725S1.CSV Date Analyzed: 01/27/25 Methods: SW846 7471B
QC Limits: result < RL Run ID: MA57768 Units: ug/l

Time:			13:28		13:45	
Sample ID:			CCB4		CCB5	
Metal	RL	IDL	raw	final	raw	final
Mercury	0.20	.04	0.00230	<0.20	0.00120	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725S1.CSV Date Analyzed: 01/27/25 Methods: SW846 7471B
QC Limits: 90 to 110 % Recovery Run ID: MA57768 Units: ug/l

Time:		12:22			12:26			12:50	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	3.13	104.3	2.5	2.53	101.2	2.5	2.41	96.4

(*) Outside of QC limits
(anr) Analyte not requested

8.2.3
8

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725S1.CSV Date Analyzed: 01/27/25 Methods: SW846 7471B
QC Limits: 90 to 110 % Recovery Run ID: MA57768 Units: ug/l

Time:		13:10			13:27			13:44	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	2.5	2.32	92.8	2.5	2.36	94.4	2.5	2.41	96.4

(*) Outside of QC limits
(anr) Analyte not requested

8.2.3
8

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: H9012725S1.CSV Date Analyzed: 01/27/25 Methods: SW846 7471B
QC Limits: 70 to 130 % Recovery Run ID: MA57768 Units: ug/l

Time:			12:29	
Sample ID:	CRI	CRIA	CRI1	
Metal	True	True	Results	% Rec
Mercury	0.20		0.242	121.0

(*) Outside of QC limits
(anr) Analyte not requested

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:33	MA57769-STD1	1		STDA
10:37	MA57769-STD2	1		STDB
10:42	MA57769-ICV1	1		
10:48	MA57769-ICB1	1		
10:53	MA57769-ICCV1	1		
11:05	MA57769-CCB1	1		
11:09	MA57769-CRI1	1		
11:14	MA57769-CRID1	1		
11:19	MA57769-ICSA1	1		
11:24	MA57769-ICSAB1	1		
11:29	MA57769-HSTD1	1		
11:34	MA57769-HSTD2	1		
11:39	ZZZZZZ	1		
11:44	ZZZZZZ	1		
11:49	ZZZZZZ	1		
11:54	ZZZZZZ	1		
11:59	MA57769-CCV1	1		
12:04	MA57769-CCB2	1		
12:08	ZZZZZZ	1		
12:13	MA57769-CRID2	1		
12:18	ZZZZZZ	1		
12:23	ZZZZZZ	1		
12:28	ZZZZZZ	1		
12:33	ZZZZZZ	1		
12:38	MA57769-CCV2	1		
12:42	MA57769-CCB3	1		
12:47	MP52363-MB1	1		
12:52	MP52363-MB2	1		
12:57	MP52363-B1	1		
13:02	MP52363-B2	1		
13:06	MP52363-S1	1		High Ca,Mn,Na
13:12	MP52363-S2	1		High Ca,Mn,Na
13:17	JE4529-2F	1		(sample used for QC only; not part of login JE4646)

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:22	MP52363-SD1	5		
13:27	ZZZZZZ	1		
13:32	ZZZZZZ	1		
13:37	MA57769-CCV3	1		
13:42	MA57769-CCB4	1		
13:47	ZZZZZZ	1		
13:52	ZZZZZZ	1		
13:57	ZZZZZZ	1		
14:02	ZZZZZZ	1		
14:07	ZZZZZZ	1		
14:12	ZZZZZZ	1		
14:17	ZZZZZZ	1		
14:22	ZZZZZZ	1		
14:27	ZZZZZZ	1		
14:32	MA57769-CCV4	1		
14:37	MA57769-CCB5	1		
14:42	MP52373-B1	1		
14:47	MP52373-MB1	1		
14:51	MP52373-S1	1		
14:56	MP52373-S2	1		
15:01	JE4577-1	1		(sample used for QC only; not part of login JE4646)
15:06	MP52373-SD1	5		
15:10	ZZZZZZ	1		
15:15	ZZZZZZ	1		
15:20	ZZZZZZ	1		
15:25	ZZZZZZ	1		
15:30	MA57769-CCV5	1		
15:35	MA57769-CCB6	1		
15:39	ZZZZZZ	1		
15:44	ZZZZZZ	1		
15:49	ZZZZZZ	1		
15:54	ZZZZZZ	1		
15:59	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:03	ZZZZZZ	1		
16:08	ZZZZZZ	1		
16:13	ZZZZZZ	1		
16:18	MA57769-CCV6	1		
16:23	MA57769-CCB7	1		
16:28	MA57769-CRI2	1		
16:33	ZZZZZZ	1		
16:37	MA57769-ICSA2	1		
16:42	MA57769-ICSAB2	1		
16:47	MA57769-CCV7	1		
16:52	MA57769-CCB8	1		
16:57	ZZZZZZ	1		
17:02	ZZZZZZ	1		
17:07	MA57769-CRID3	1		
17:11	ZZZZZZ	1		
17:16	ZZZZZZ	1		
17:21	ZZZZZZ	2		
17:26	ZZZZZZ	10		
17:31	ZZZZZZ	25		
17:36	ZZZZZZ	50		
17:41	ZZZZZZ	1		
17:46	MP52369-PS1	1		
17:51	ZZZZZZ	5		
17:55	MA57769-CCV8	1		
18:00	MA57769-CCB9	1		
18:05	ZZZZZZ	2		
18:10	ZZZZZZ	5		
18:14	ZZZZZZ	2		
18:19	ZZZZZZ	1		
18:24	ZZZZZZ	1		
18:29	ZZZZZZ	1		
18:34	ZZZZZZ	1		
18:38	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
18:43	ZZZZZZ	1		
18:48	MA57769-CCV9	1		
18:53	MA57769-CCB10	1		
18:57	MP52375-B1	1		
19:02	MP52375-MB1	1		
19:07	MP52375-S1	1		
19:12	MP52375-S2	1		
19:17	MP52375-LC1	1		As,Cd,Cr low recoveries
19:22	MP52375-LC2	1		As,Cd,Cr low recoveries
19:26	JE4594-3	1		(sample used for QC only; not part of login JE4646)
19:31	MP52375-SD1	5		
19:36	MP52375-PS1	1		
19:41	ZZZZZZ	1		
19:45	MA57769-CCV10	1		
19:50	MA57769-CCB11	1		
19:55	ZZZZZZ	1		
20:00	ZZZZZZ	1		
20:04	ZZZZZZ	1		
20:09	ZZZZZZ	1		
20:14	ZZZZZZ	1		
20:19	ZZZZZZ	1		
20:23	ZZZZZZ	1		
20:28	ZZZZZZ	1		
20:33	MP52375-LC1	5		
20:38	MP52375-LC2	5		
20:42	MA57769-CCV11	1		
20:47	MA57769-CCB12	1		
20:52	MP52380-MB1	1		
20:57	MP52380-B1	1		
21:02	MP52380-S1	1		
21:06	MP52380-S2	1		
21:11	JE4629-2	1		(sample used for QC only; not part of login JE4646)
21:16	MP52380-SD1	5		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
21:21	ZZZZZZ	1		
21:26	ZZZZZZ	1		
21:30	ZZZZZZ	1		
21:35	ZZZZZZ	1		
21:40	MA57769-CCV12	1		
21:45	MA57769-CCB13	1		
21:50	ZZZZZZ	1		
21:55	ZZZZZZ	1		
21:59	ZZZZZZ	1		
22:04	ZZZZZZ	1		
22:09	ZZZZZZ	1		
22:14	ZZZZZZ	1		
22:18	ZZZZZZ	1		
22:23	JE4646-6	1		
---------->	Last reportable sample/prep for job JE4646			
22:28	MA57769-CCV13	1		
22:33	MA57769-CCB14	1		
---------->	Last reportable CCB for job JE4646			
22:38	ZZZZZZ	1		
22:43	ZZZZZZ	1		
22:47	ZZZZZZ	1		
22:52	ZZZZZZ	1		
22:57	ZZZZZZ	1		

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Element: Dilution	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn	
10:42	MA57769-ICV1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
10:48	MA57769-ICB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
10:53	MA57769-ICCV1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
11:05	MA57769-CCB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
11:09	MA57769-CRI1	1																							
11:14	MA57769-CRID1	1																							
11:19	MA57769-ICSA1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
11:24	MA57769-ICSAB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
11:29	MA57769-HSTD1	1		X	X	X	X	X		X	X	X		X		X	X		X	X		X	X	X	
11:34	MA57769-HSTD2	1	X					X				X		X				X			X				
11:39	ZZZZZZ	1																							
11:44	ZZZZZZ	1																							
11:49	ZZZZZZ	1																							
11:54	ZZZZZZ	1																							
11:59	MA57769-CCV1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
12:04	MA57769-CCB2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
12:08	ZZZZZZ	1																							
12:13	MA57769-CRID2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
12:18	ZZZZZZ	1																							
12:23	ZZZZZZ	1																							
12:28	ZZZZZZ	1																							
12:33	ZZZZZZ	1																							
12:38	MA57769-CCV2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
12:42	MA57769-CCB3	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
12:47	MP52363-MB1	1	X					X				X		X	X						X				
12:52	MP52363-MB2	1	X					X				X		X	X						X				
12:57	MP52363-B1	1	X					X				X		X	X						X				
13:02	MP52363-B2	1	X					X				X		X	X						X				
13:06	MP52363-S1	1	X									X		X											
13:12	MP52363-S2	1	X									X		X											
13:17	JE4529-2F	1	X									X		X											(a)
13:22	MP52363-SD1	5	X									X		X											
13:27	ZZZZZZ	1																							
		Element:	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn	

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Element: Dilution	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn	
13:32	ZZZZZZ	1																							
13:37	MA57769-CCV3	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
13:42	MA57769-CCB4	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
13:47	ZZZZZZ	1																							
13:52	ZZZZZZ	1																							
13:57	ZZZZZZ	1																							
14:02	ZZZZZZ	1																							
14:07	ZZZZZZ	1																							
14:12	ZZZZZZ	1																							
14:17	ZZZZZZ	1																							
14:22	ZZZZZZ	1																							
14:27	ZZZZZZ	1																							
14:32	MA57769-CCV4	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
14:37	MA57769-CCB5	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
14:42	MP52373-B1	1								X		X	X		X						X				
14:47	MP52373-MB1	1								X		X	X		X						X				
14:51	MP52373-S1	1								X		X	X		X						X				
14:56	MP52373-S2	1								X		X	X		X						X				
15:01	JE4577-1	1										X									X				(a)
15:06	MP52373-SD1	5								X		X	X		X						X				
15:10	ZZZZZZ	1																							
15:15	ZZZZZZ	1																							
15:20	ZZZZZZ	1																							
15:25	ZZZZZZ	1																							
15:30	MA57769-CCV5	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15:35	MA57769-CCB6	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15:39	ZZZZZZ	1																							
15:44	ZZZZZZ	1																							
15:49	ZZZZZZ	1																							
15:54	ZZZZZZ	1																							
15:59	ZZZZZZ	1																							
16:03	ZZZZZZ	1																							
16:08	ZZZZZZ	1																							
		Element:	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn	

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Element: Dilution	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn
16:13	ZZZZZZ	1																						
16:18	MA57769-CCV6	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:23	MA57769-CCB7	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:28	MA57769-CRI2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:33	ZZZZZZ	1																						
16:37	MA57769-ICSA2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:42	MA57769-ICSAB2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:47	MA57769-CCV7	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:52	MA57769-CCB8	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:57	ZZZZZZ	1																						
17:02	ZZZZZZ	1																						
17:07	MA57769-CRID3	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17:11	ZZZZZZ	1																						
17:16	ZZZZZZ	1																						
17:21	ZZZZZZ	2																						
17:26	ZZZZZZ	10																						
17:31	ZZZZZZ	25																						
17:36	ZZZZZZ	50																						
17:41	ZZZZZZ	1																						
17:46	MP52369-PS1	1			X																			
17:51	ZZZZZZ	5																						
17:55	MA57769-CCV8	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18:00	MA57769-CCB9	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18:05	ZZZZZZ	2																						
18:10	ZZZZZZ	5																						
18:14	ZZZZZZ	2																						
18:19	ZZZZZZ	1																						
18:24	ZZZZZZ	1																						
18:29	ZZZZZZ	1																						
18:34	ZZZZZZ	1																						
18:38	ZZZZZZ	1																						
18:43	ZZZZZZ	1																						
18:48	MA57769-CCV9	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Element:	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Element: Dilution	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn	
18:53	MA57769-CCB10	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
18:57	MP52375-B1	1		X		X	X						X		X		X	X		X	X	X	X	
19:02	MP52375-MB1	1		X		X	X						X		X		X	X		X	X	X	X	
19:07	MP52375-S1	1		X		X	X						X		X		X	X		X	X	X	X	
19:12	MP52375-S2	1		X		X	X						X		X		X	X		X	X	X	X	
19:17	MP52375-LC1	1		X		X	X						X		X		X			X	X	X	X	
19:22	MP52375-LC2	1		X		X	X						X		X		X			X	X	X	X	
19:26	JE4594-3	1		X		X	X						X		X		X	X		X	X	X	X	(a)
19:31	MP52375-SD1	5		X		X	X						X		X		X	X		X	X	X	X	
19:36	MP52375-PS1	1		X		X	X						X		X		X			X		X		
19:41	ZZZZZZ	1																							
19:45	MA57769-CCV10	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
19:50	MA57769-CCB11	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
19:55	ZZZZZZ	1																							
20:00	ZZZZZZ	1																							
20:04	ZZZZZZ	1																							
20:09	ZZZZZZ	1																							
20:14	ZZZZZZ	1																							
20:19	ZZZZZZ	1																							
20:23	ZZZZZZ	1																							
20:28	ZZZZZZ	1																							
20:33	MP52375-LC1	5																		X					
20:38	MP52375-LC2	5																		X					
20:42	MA57769-CCV11	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
20:47	MA57769-CCB12	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
20:52	MP52380-MB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
20:57	MP52380-B1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
21:02	MP52380-S1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
21:06	MP52380-S2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
21:11	JE4629-2	1											X			X									(a)
21:16	MP52380-SD1	5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
21:21	ZZZZZZ	1																							
21:26	ZZZZZZ	1																							
		Element:	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn	

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Element: Dilution	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn
21:30	ZZZZZZ	1																						
21:35	ZZZZZZ	1																						
21:40	MA57769-CCV12	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21:45	MA57769-CCB13	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21:50	ZZZZZZ	1																						
21:55	ZZZZZZ	1																						
21:59	ZZZZZZ	1																						
22:04	ZZZZZZ	1																						
22:09	ZZZZZZ	1																						
22:14	ZZZZZZ	1																						
22:18	ZZZZZZ	1																						
22:23	JE4646-6	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22:28	MA57769-CCV13	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22:33	MA57769-CCB14	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22:38	ZZZZZZ	1																						
22:43	ZZZZZZ	1																						
22:47	ZZZZZZ	1																						
22:52	ZZZZZZ	1																						
22:57	ZZZZZZ	1																						

(a) Sample used for QC only; not part of login JE4646.

Element: Al Sb As Ba Be Cd Ca Cr Co Cu Fe Pb Mg Mn Ni K Se Ag Na Tl V Zn

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
10:33	MA57769-STD1	7386 R	152720 R	14616 R	15881 R
10:37	MA57769-STD2	6984	141580	14284	14330
10:42	MA57769-ICV1	7154	146550	14495	14711
10:48	MA57769-ICB1	7392	152330	14629	15887
10:53	MA57769-ICCV1	7230	149020	14637	14842
11:05	MA57769-CCB1	7459	155050	14855	15983
11:09	MA57769-CRI1	7456	153340	14753	15831
11:14	MA57769-CRID1	7511	155180	14973	16053
11:19	MA57769-ICSA1	6778	134790	14206	13733
11:24	MA57769-ICSAB1	6779	136170	14262	13725
11:29	MA57769-HSTD1	7484	154040	15045	15715
11:34	MA57769-HSTD2	6867	139020	14408	13652
11:39	ZZZZZZ	7488	155210	14816	15823
11:44	ZZZZZZ	7531	146780	14881	15073
11:49	ZZZZZZ	7228	146820	14678	14503
11:54	ZZZZZZ	7671	157440	14926	15860
11:59	MA57769-CCV1	7402	152200	14761	14745
12:04	MA57769-CCB2	7771	160000	15064	16044
12:08	ZZZZZZ	7715	159050	14993	15772
12:13	MA57769-CRID2	7782	160460	15099	16025
12:18	ZZZZZZ	7573	159550	15005	15918
12:23	ZZZZZZ	7729	159950	15007	15934
12:28	ZZZZZZ	7778	160970	15122	15915
12:33	ZZZZZZ	7752	159680	14952	15944
12:38	MA57769-CCV2	7451	152490	14724	14738
12:42	MA57769-CCB3	7688	158620	14939	15893
12:47	MP52363-MB1	7552	155240	14488	15973
12:52	MP52363-MB2	7517	153200	14373	15962
12:57	MP52363-B1	7215	148910	14291	14880
13:02	MP52363-B2	7347	148510	14463	15067
13:06	MP52363-S1	6996	139360	14447	13608
13:12	MP52363-S2	7067	142930	14816	13603
13:17	JE4529-2F	7012	142620	14537	13438

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
13:22	MP52363-SD1	7646	156000	15477	15084
13:27	ZZZZZZ	6914	136510	14211	13157
13:32	ZZZZZZ	7242	999999 !a	14435	13505
13:37	MA57769-CCV3	7718	157550	15110	14989
13:42	MA57769-CCB4	7913	163910	15198	16006
13:47	ZZZZZZ	7481	151590	14684	14575
13:52	ZZZZZZ	7638	151980	15687	13006
13:57	ZZZZZZ	7003	999999 !a	13669	13076
14:02	ZZZZZZ	7045	137970	14124	13164
14:07	ZZZZZZ	7441	150740	14473	14489
14:12	ZZZZZZ	6809	128140	13864	12929
14:17	ZZZZZZ	7127	999999 !a	14187	13253
14:22	ZZZZZZ	8018	169490	15393	16326
14:27	ZZZZZZ	7950	165240	15034	16251
14:32	MA57769-CCV4	7518	153890	14817	14778
14:37	MA57769-CCB5	7747	160730	14860	15952
14:42	MP52373-B1	7530	155340	14775	15009
14:47	MP52373-MB1	7763	161460	14957	16039
14:51	MP52373-S1	7472	153180	14830	14811
14:56	MP52373-S2	7471	152320	14802	14819
15:01	JE4577-1	7584	155190	15033	15221
15:06	MP52373-SD1	7679	159280	15002	15814
15:10	ZZZZZZ	7500	151400	14729	14913
15:15	ZZZZZZ	7743	158120	15144	15365
15:20	ZZZZZZ	7842	158840	15194	15985
15:25	ZZZZZZ	7953	163390	15314	15798
15:30	MA57769-CCV5	7634	153470	14771	14910
15:35	MA57769-CCB6	7924	165390	14902	16024
15:39	ZZZZZZ	7735	156500	15015	15034
15:44	ZZZZZZ	7673	156970	14858	14868
15:49	ZZZZZZ	7750	155810	14874	14778
15:54	ZZZZZZ	7877	162930	15117	15275
15:59	ZZZZZZ	7545	153890	14664	14328

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
16:03	ZZZZZZ	7912	167260	14880	15817
16:08	ZZZZZZ	7901	166280	14830	15798
16:13	ZZZZZZ	7877	164570	14909	15740
16:18	MA57769-CCV6	7731	160560	14803	14706
16:23	MA57769-CCB7	8016	169690	15145	15825
16:28	MA57769-CRI2	7973	168060	15366	15574
16:33	ZZZZZZ	8015	169760	15083	15749
16:37	MA57769-ICSA2	7223	146740	14503	13566
16:42	MA57769-ICSAB2	7176	147180	14491	13603
16:47	MA57769-CCV7	7672	159290	14810	14746
16:52	MA57769-CCB8	7955	168090	15134	16030
16:57	ZZZZZZ	7951	168120	15156	16250
17:02	ZZZZZZ	7925	161570	15336	16088
17:07	MA57769-CRID3	7906	167180	15452	16332
17:11	ZZZZZZ	7112	144210	14879	14068
17:16	ZZZZZZ	7790	163840	15060	16085
17:21	ZZZZZZ	7646	158150	15279	15424
17:26	ZZZZZZ	7685	156890	15201	15398
17:31	ZZZZZZ	7502	150830	15120	14572
17:36	ZZZZZZ	7566	155000	15219	14963
17:41	ZZZZZZ	7805	163160	15124	16116
17:46	MP52369-PS1	8856	181110	17304	15483
17:51	ZZZZZZ	7906	165820	15542	16255
17:55	MA57769-CCV8	7567	155870	15018	15112
18:00	MA57769-CCB9	7950	165220	15265	16357
18:05	ZZZZZZ	7875	163870	15313	15807
18:10	ZZZZZZ	7942	165320	15158	15889
18:14	ZZZZZZ	7671	159010	15019	14909
18:19	ZZZZZZ	7778	162180	14966	15287
18:24	ZZZZZZ	7763	162460	14966	15250
18:29	ZZZZZZ	7827	163840	15167	15406
18:34	ZZZZZZ	7919	163220	15106	15509
18:38	ZZZZZZ	7927	164770	15076	15571

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
18:43	ZZZZZZ	7815	162560	15019	15290
18:48	MA57769-CCV9	7783	162760	14826	14967
18:53	MA57769-CCB10	7971	168480	15110	16007
18:57	MP52375-B1	7884	165620	14881	15335
19:02	MP52375-MB1	8054	169610	15131	16207
19:07	MP52375-S1	7894	164210	15071	15113
19:12	MP52375-S2	7871	162720	15151	15086
19:17	MP52375-LC1	8124	170980	15670	15446
19:22	MP52375-LC2	8020	165340	15217	15321
19:26	JE4594-3	8179	170720	15199	15695
19:31	MP52375-SD1	8082	170590	15131	15889
19:36	MP52375-PS1	7898	999999 !a	15090	15064
19:41	ZZZZZZ	8030	167700	15021	15546
19:45	MA57769-CCV10	7741	161780	14862	14910
19:50	MA57769-CCB11	8031	168540	15047	16105
19:55	ZZZZZZ	7997	166060	14973	15521
20:00	ZZZZZZ	8137	167760	15332	15729
20:04	ZZZZZZ	8033	166780	15045	15621
20:09	ZZZZZZ	8107	168980	15426	15883
20:14	ZZZZZZ	7991	168230	15336	15787
20:19	ZZZZZZ	8041	166990	15204	15589
20:23	ZZZZZZ	8095	168380	15203	15710
20:28	ZZZZZZ	8004	164560	15096	15527
20:33	MP52375-LC1	7989	167840	15186	15747
20:38	MP52375-LC2	7968	163530	14868	15747
20:42	MA57769-CCV11	7751	162240	15001	14958
20:47	MA57769-CCB12	8013	168810	15193	16104
20:52	MP52380-MB1	7949	167980	14925	15968
20:57	MP52380-B1	7706	163570	14922	14980
21:02	MP52380-S1	7809	162780	14937	15161
21:06	MP52380-S2	7863	165060	15114	15258
21:11	JE4629-2	7949	169020	15141	15815
21:16	MP52380-SD1	8159	172060	15287	16373

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: KP Run ID: MA57769
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
21:21	ZZZZZZ	8092	168830	15312	15988
21:26	ZZZZZZ	8054	170930	15085	16149
21:30	ZZZZZZ	7616	158400	14793	14555
21:35	ZZZZZZ	7956	165800	15092	15610
21:40	MA57769-CCV12	7742	162340	14738	14981
21:45	MA57769-CCB13	8008	171830	15123	16105
21:50	ZZZZZZ	7611	158060	14746	14631
21:55	ZZZZZZ	7782	164940	14914	15237
21:59	ZZZZZZ	8005	168710	14953	16114
22:04	ZZZZZZ	7941	166910	15033	15796
22:09	ZZZZZZ	7929	167710	14983	15800
22:14	ZZZZZZ	7983	166250	15003	15878
22:18	ZZZZZZ	7932	167310	15135	15811
22:23	JE4646-6	8032	168000	15085	16180
22:28	MA57769-CCV13	7715	161150	14832	14977
22:33	MA57769-CCB14	8044	169610	15107	16246
22:38	ZZZZZZ	7218	149210	14380	13896
22:43	ZZZZZZ	7278	999999 !a	14036	13986
22:47	ZZZZZZ	7861	168460	14695	16014
22:52	ZZZZZZ	7863	167510	14714	16056
22:57	ZZZZZZ	7886	167850	14738	16077

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	70-130 %
Istd#2	Yttrium (3600)	70-130 %
Istd#3	Yttrium (3710)	70-130 %
Istd#4	Indium	70-130 %

(a) No samples reported for the elements associated with this internal standard.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57769 Units: ug/l

Time: / Sample ID:			10:48 ICB1		11:05 CCB1		12:04 CCB2		12:42 CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	27	-0.700	<200	8.30	<200	-9.70	<200	0.600	<200
Antimony	6.0	2.2	0.900	<6.0	0.800	<6.0	-0.200	<6.0	0.300	<6.0
Arsenic	3.0	1.3	0.100	<3.0	-0.800	<3.0	-0.200	<3.0	-0.800	<3.0
Barium	200	1	-1.00	<200	-0.700	<200	0.300	<200	0.500	<200
Beryllium	1.0	.2	0.100	<1.0	0.00	<1.0	0.300	<1.0	0.300	<1.0
Bismuth	20	2.1								
Boron	100	1								
Cadmium	3.0	.2	0.100	<3.0	-0.100	<3.0	0.100	<3.0	0.00	<3.0
Calcium	5000	7.7	8.80	<5000	7.60	<5000	10.8	<5000	11.7	<5000
Cerium	100									
Chromium	10	.5	-0.300	<10	-0.600	<10	-0.500	<10	-0.300	<10
Cobalt	50	.4	0.200	<50	0.00	<50	0.200	<50	0.200	<50
Copper	10	6.8	0.400	<10	-0.400	<10	1.80	<10	2.50	<10
Iron	100	15	3.50	<100	5.80	<100	6.70	<100	12.9	<100
Lead	3.0	1.6	-1.10	<3.0	0.500	<3.0	-0.200	<3.0	-0.400	<3.0
Lithium	50	3.7								
Magnesium	5000	54	-25.1	<5000	-1.30	<5000	-14.7	<5000	-1.90	<5000
Manganese	15	.1	0.00	<15	-0.100	<15	0.00	<15	0.100	<15
Molybdenum	20	.5								
Nickel	10	.3	0.400	<10	-0.100	<10	-0.200	<10	-0.100	<10
Phosphorus	50	1.8								
Potassium	10000	77	71.2	<10000	116	<10000	186	<10000	149	<10000
Selenium	10	2	1.20	<10	-1.10	<10	0.100	<10	-0.900	<10
Silicon	200	1.3								
Silver	10	.9	-0.900	<10	0.00	<10	0.400	<10	0.100	<10
Sodium	10000	23	-9.60	<10000	-4.80	<10000	54.2	<10000	79.8	<10000
Strontium	10	.4								
Sulfur	50	4.1								
Thallium	10	1.6	1.90	<10	2.00	<10	1.40	<10	-0.600	<10
Tin	10	.9								
Titanium	10	.9								
Tungsten	50	2								
Vanadium	50	.8	0.300	<50	0.00	<50	0.300	<50	0.700	<50

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57769 Units: ug/l

Time: / Sample ID:			10:48 ICB1		11:05 CCB1		12:04 CCB2		12:42 CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.2	-0.200	<20	-0.100	<20	0.00	<20	-0.100	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57769 Units: ug/l

Time:			13:42		14:37		15:35		16:23	
Sample ID:			CCB4		CCB5		CCB6		CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	27	-13.4	<200	3.40	<200	1.00	<200	-0.200	<200
Antimony	6.0	2.2	-1.80	<6.0	-1.00	<6.0	-0.100	<6.0	-1.00	<6.0
Arsenic	3.0	1.3	-0.100	<3.0	0.200	<3.0	0.400	<3.0	-0.200	<3.0
Barium	200	1	0.00	<200	0.600	<200	0.200	<200	-0.100	<200
Beryllium	1.0	.2	0.100	<1.0	0.200	<1.0	0.200	<1.0	0.00	<1.0
Bismuth	20	2.1								
Boron	100	1								
Cadmium	3.0	.2	0.300	<3.0	0.300	<3.0	0.300	<3.0	0.00	<3.0
Calcium	5000	7.7	12.9	<5000	9.30	<5000	12.5	<5000	11.5	<5000
Cerium	100									
Chromium	10	.5	-0.400	<10	0.00	<10	-0.400	<10	-0.200	<10
Cobalt	50	.4	0.300	<50	0.00	<50	-0.300	<50	0.200	<50
Copper	10	6.8	3.40	<10	2.70	<10	3.30	<10	0.500	<10
Iron	100	15	8.20	<100	8.40	<100	8.30	<100	5.40	<100
Lead	3.0	1.6	1.30	<3.0	0.400	<3.0	0.800	<3.0	0.700	<3.0
Lithium	50	3.7								
Magnesium	5000	54	-9.50	<5000	-11.7	<5000	-5.30	<5000	-4.00	<5000
Manganese	15	.1	0.100	<15	0.100	<15	0.100	<15	0.200	<15
Molybdenum	20	.5								
Nickel	10	.3	-0.100	<10	0.100	<10	-0.100	<10	0.100	<10
Phosphorus	50	1.8								
Potassium	10000	77	535	<10000	501	<10000	201	<10000	39.1	<10000
Selenium	10	2	0.100	<10	-2.20	<10	-0.600	<10	-0.100	<10
Silicon	200	1.3								
Silver	10	.9	0.00	<10	-0.100	<10	0.300	<10	0.800	<10
Sodium	10000	23	685	<10000	761	<10000	263	<10000	193	<10000
Strontium	10	.4								
Sulfur	50	4.1								
Thallium	10	1.6	-0.100	<10	1.00	<10	1.60	<10	1.50	<10
Tin	10	.9								
Titanium	10	.9								
Tungsten	50	2								
Vanadium	50	.8	0.600	<50	0.700	<50	0.500	<50	0.700	<50

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57769 Units: ug/l

Time: / Sample ID:			13:42 CCB4		14:37 CCB5		15:35 CCB6		16:23 CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.2	0.00	<20	-0.200	<20	-0.200	<20	-0.300	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

8.3.3
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BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57769 Units: ug/l

Time: / Sample ID:			16:52 CCB8		18:00 CCB9		18:53 CCB10		19:50 CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	27	-6.30	<200	-12.0	<200	12.8	<200	43.1	<200
Antimony	6.0	2.2	-1.80	<6.0	-0.600	<6.0	0.300	<6.0	-0.200	<6.0
Arsenic	3.0	1.3	-0.800	<3.0	-0.300	<3.0	0.100	<3.0	0.800	<3.0
Barium	200	1	-0.300	<200	0.500	<200	-1.80	<200	-1.20	<200
Beryllium	1.0	.2	0.200	<1.0	0.00	<1.0	0.200	<1.0	0.100	<1.0
Bismuth	20	2.1								
Boron	100	1								
Cadmium	3.0	.2	0.00	<3.0	0.100	<3.0	0.00	<3.0	-0.100	<3.0
Calcium	5000	7.7	9.90	<5000	8.00	<5000	11.9	<5000	7.80	<5000
Cerium	100									
Chromium	10	.5	-0.400	<10	-0.300	<10	-0.400	<10	-0.200	<10
Cobalt	50	.4	0.100	<50	0.00	<50	0.100	<50	0.200	<50
Copper	10	6.8	0.00	<10	-1.00	<10	0.500	<10	0.800	<10
Iron	100	15	7.10	<100	10.9	<100	6.00	<100	7.60	<100
Lead	3.0	1.6	-0.300	<3.0	0.00	<3.0	0.600	<3.0	0.00	<3.0
Lithium	50	3.7								
Magnesium	5000	54	1.60	<5000	-6.40	<5000	-17.7	<5000	-5.00	<5000
Manganese	15	.1	0.00	<15	0.100	<15	0.100	<15	0.100	<15
Molybdenum	20	.5								
Nickel	10	.3	-0.200	<10	-0.200	<10	-0.200	<10	-0.200	<10
Phosphorus	50	1.8								
Potassium	10000	77	76.7	<10000	66.9	<10000	-128	<10000	-54.6	<10000
Selenium	10	2	-1.50	<10	1.80	<10	-1.30	<10	-0.100	<10
Silicon	200	1.3								
Silver	10	.9	-0.100	<10	-1.10	<10	1.00	<10	0.600	<10
Sodium	10000	23	176	<10000	220	<10000	195	<10000	102	<10000
Strontium	10	.4								
Sulfur	50	4.1								
Thallium	10	1.6	-0.300	<10	0.300	<10	0.00	<10	-0.100	<10
Tin	10	.9								
Titanium	10	.9								
Tungsten	50	2								
Vanadium	50	.8	0.200	<50	0.700	<50	0.900	<50	1.10	<50

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57769 Units: ug/l

Time: / Sample ID:			16:52 CCB8		18:00 CCB9		18:53 CCB10		19:50 CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.2	-0.200	<20	-0.200	<20	-0.100	<20	0.00	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57769 Units: ug/l

Time:			20:47		21:45		22:33	
Sample ID:			CCB12		CCB13		CCB14	
Metal	RL	IDL	raw	final	raw	final	raw	final
Aluminum	200	27	36.4	<200	35.4	<200	46.8	<200
Antimony	6.0	2.2	-1.10	<6.0	0.200	<6.0	0.00	<6.0
Arsenic	3.0	1.3	0.100	<3.0	-0.700	<3.0	-1.00	<3.0
Barium	200	1	-2.50	<200	-2.60	<200	-2.00	<200
Beryllium	1.0	.2	0.200	<1.0	0.100	<1.0	0.00	<1.0
Bismuth	20	2.1						
Boron	100	1						
Cadmium	3.0	.2	0.100	<3.0	0.100	<3.0	0.100	<3.0
Calcium	5000	7.7	16.0	<5000	7.80	<5000	5.10	<5000
Cerium	100							
Chromium	10	.5	-0.300	<10	-0.100	<10	-0.100	<10
Cobalt	50	.4	0.00	<50	-0.200	<50	0.300	<50
Copper	10	6.8	-0.200	<10	-1.20	<10	-1.30	<10
Iron	100	15	5.20	<100	7.00	<100	7.00	<100
Lead	3.0	1.6	-0.300	<3.0	-0.700	<3.0	-0.200	<3.0
Lithium	50	3.7						
Magnesium	5000	54	9.30	<5000	-9.30	<5000	-4.00	<5000
Manganese	15	.1	0.100	<15	0.100	<15	0.100	<15
Molybdenum	20	.5						
Nickel	10	.3	-0.300	<10	-0.200	<10	-0.100	<10
Phosphorus	50	1.8						
Potassium	10000	77	-289	<10000	-210	<10000	-317	<10000
Selenium	10	2	-1.10	<10	-1.40	<10	-2.00	<10
Silicon	200	1.3						
Silver	10	.9	0.100	<10	0.400	<10	0.600	<10
Sodium	10000	23	32.7	<10000	59.8	<10000	19.6	<10000
Strontium	10	.4						
Sulfur	50	4.1						
Thallium	10	1.6	0.500	<10	-0.300	<10	1.50	<10
Tin	10	.9						
Titanium	10	.9						
Tungsten	50	2						
Vanadium	50	.8	0.600	<50	0.700	<50	0.500	<50

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57769 Units: ug/l

Time:			20:47		21:45		22:33	
Sample ID:			CCB12		CCB13		CCB14	
Metal	RL	IDL	raw	final	raw	final	raw	final
Zinc	20	.2	-0.200	<20	-0.300	<20	-0.200	<20
Zirconium	10	.5						

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: to % Recovery Run ID: MA57769 Units: ug/l

Time:		10:53	
Sample ID:	ICCV	ICCV1	
Metal	True	Results	% Rec
Aluminum	40000	39100	97.8
Antimony	2000	1990	99.5
Arsenic	2000	1980	99.0
Barium	2000	1980	99.0
Beryllium	2000	1990	99.5
Bismuth			
Boron			
Cadmium	2000	1990	99.5
Calcium	40000	39100	97.8
Cerium			
Chromium	2000	1960	98.0
Cobalt	2000	2000	100.0
Copper	2000	1980	99.0
Iron	40000	39300	98.3
Lead	2000	2000	100.0
Lithium			
Magnesium	40000	39600	99.0
Manganese	2000	1980	99.0
Molybdenum			
Nickel	2000	2010	100.5
Phosphorus			
Potassium	40000	39100	97.8
Selenium	2000	1990	99.5
Silicon			
Silver	250	244	97.6
Sodium	40000	39400	98.5
Strontium			
Sulfur			
Thallium	2000	2040	102.0
Tin			
Titanium			
Tungsten			
Vanadium	2000	1960	98.0

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: to % Recovery Run ID: MA57769 Units: ug/l

Time:		10:53	
Sample ID:	ICCV	ICCV1	
Metal	True	Results	% Rec
Zinc	2000	2010	100.5
Zirconium			

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57769 Units: ug/l

Time:		10:42			11:59			12:38	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	39600	99.0	40000	39100	97.8	40000	39700	99.3
Antimony	2000	2010	100.5	2000	2020	101.0	2000	2030	101.5
Arsenic	2000	1930	96.5	2000	1990	99.5	2000	1990	99.5
Barium	2000	2020	101.0	2000	2010	100.5	2000	2020	101.0
Beryllium	2000	2020	101.0	2000	1970	98.5	2000	1990	99.5
Bismuth									
Boron									
Cadmium	2000	1970	98.5	2000	2020	101.0	2000	2020	101.0
Calcium	40000	39300	98.3	40000	39700	99.3	40000	40200	100.5
Cerium									
Chromium	2000	1970	98.5	2000	1950	97.5	2000	1960	98.0
Cobalt	2000	1970	98.5	2000	2060	103.0	2000	2070	103.5
Copper	2000	2020	101.0	2000	2080	104.0	2000	2130	106.5
Iron	40000	39300	98.3	40000	39600	99.0	40000	40200	100.5
Lead	2000	2030	101.5	2000	2070	103.5	2000	2080	104.0
Lithium									
Magnesium	40000	39800	99.5	40000	39900	99.8	40000	40100	100.3
Manganese	2000	2000	100.0	2000	2000	100.0	2000	2030	101.5
Molybdenum									
Nickel	2000	2040	102.0	2000	2050	102.5	2000	2060	103.0
Phosphorus									
Potassium	40000	39600	99.0	40000	40500	101.3	40000	41300	103.3
Selenium	2000	2050	102.5	2000	2010	100.5	2000	2010	100.5
Silicon									
Silver	250	249	99.6	250	244	97.6	250	245	98.0
Sodium	40000	39800	99.5	40000	39700	99.3	40000	40100	100.3
Strontium									
Sulfur									
Thallium	2000	1960	98.0	2000	2080	104.0	2000	2080	104.0
Tin									
Titanium									
Tungsten									
Vanadium	2000	1950	97.5	2000	1960	98.0	2000	1980	99.0

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57769 Units: ug/l

Time:		10:42			11:59			12:38	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	2000	2030	101.5	2000	2040	102.0	2000	2040	102.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57769 Units: ug/l

Time:		13:37			14:32			15:30	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	38900	97.3	40000	39100	97.8	40000	39700	99.3
Antimony	2000	2000	100.0	2000	1990	99.5	2000	2020	101.0
Arsenic	2000	1960	98.0	2000	1950	97.5	2000	1980	99.0
Barium	2000	1990	99.5	2000	2010	100.5	2000	2040	102.0
Beryllium	2000	1940	97.0	2000	1950	97.5	2000	1970	98.5
Bismuth									
Boron									
Cadmium	2000	1990	99.5	2000	1990	99.5	2000	2010	100.5
Calcium	40000	39500	98.8	40000	39500	98.8	40000	40200	100.5
Cerium									
Chromium	2000	1910	95.5	2000	1930	96.5	2000	1990	99.5
Cobalt	2000	2060	103.0	2000	2050	102.5	2000	2080	104.0
Copper	2000	2120	106.0	2000	2100	105.0	2000	2160	108.0
Iron	40000	39500	98.8	40000	39400	98.5	40000	40100	100.3
Lead	2000	2070	103.5	2000	2060	103.0	2000	2090	104.5
Lithium									
Magnesium	40000	39300	98.3	40000	39300	98.3	40000	39800	99.5
Manganese	2000	2000	100.0	2000	2000	100.0	2000	2060	103.0
Molybdenum									
Nickel	2000	2050	102.5	2000	2040	102.0	2000	2070	103.5
Phosphorus									
Potassium	40000	41500	103.8	40000	41600	104.0	40000	42200	105.5
Selenium	2000	1980	99.0	2000	1970	98.5	2000	1990	99.5
Silicon									
Silver	250	241	96.4	250	241	96.4	250	248	99.2
Sodium	40000	39400	98.5	40000	40000	100.0	40000	40500	101.3
Strontium									
Sulfur									
Thallium	2000	2070	103.5	2000	2070	103.5	2000	2090	104.5
Tin									
Titanium									
Tungsten									
Vanadium	2000	1930	96.5	2000	1940	97.0	2000	2000	100.0

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57769 Units: ug/l

Time:		13:37			14:32			15:30	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	2000	2010	100.5	2000	2010	100.5	2000	2030	101.5
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57769 Units: ug/l

Time:		16:18			16:47			17:55	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	39800	99.5	40000	40000	100.0	40000	39600	99.0
Antimony	2000	2000	100.0	2000	2000	100.0	2000	2000	100.0
Arsenic	2000	1950	97.5	2000	1970	98.5	2000	2000	100.0
Barium	2000	2070	103.5	2000	2080	104.0	2000	2070	103.5
Beryllium	2000	1970	98.5	2000	1990	99.5	2000	2000	100.0
Bismuth									
Boron									
Cadmium	2000	1990	99.5	2000	2000	100.0	2000	1990	99.5
Calcium	40000	39600	99.0	40000	39900	99.8	40000	39200	98.0
Cerium									
Chromium	2000	1860	93.0	2000	1890	94.5	2000	1950	97.5
Cobalt	2000	2090	104.5	2000	2090	104.5	2000	2060	103.0
Copper	2000	2170	108.5	2000	2170	108.5	2000	2040	102.0
Iron	40000	40000	100.0	40000	40200	100.5	40000	39300	98.3
Lead	2000	2090	104.5	2000	2100	105.0	2000	2060	103.0
Lithium									
Magnesium	40000	39400	98.5	40000	39600	99.0	40000	39400	98.5
Manganese	2000	2000	100.0	2000	2010	100.5	2000	1990	99.5
Molybdenum									
Nickel	2000	2070	103.5	2000	2080	104.0	2000	2070	103.5
Phosphorus									
Potassium	40000	42000	105.0	40000	42200	105.5	40000	40600	101.5
Selenium	2000	1970	98.5	2000	1990	99.5	2000	2030	101.5
Silicon									
Silver	250	239	95.6	250	242	96.8	250	245	98.0
Sodium	40000	40200	100.5	40000	40500	101.3	40000	40600	101.5
Strontium									
Sulfur									
Thallium	2000	2110	105.5	2000	2120	106.0	2000	2120	106.0
Tin									
Titanium									
Tungsten									
Vanadium	2000	1920	96.0	2000	1940	97.0	2000	1990	99.5

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57769 Units: ug/l

Time:		16:18			16:47			17:55	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	2000	2020	101.0	2000	2020	101.0	2000	2020	101.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57769 Units: ug/l

Time:		18:48			19:45			20:42	
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	39800	99.5	40000	39900	99.8	40000	39600	99.0
Antimony	2000	1990	99.5	2000	2010	100.5	2000	2010	100.5
Arsenic	2000	1960	98.0	2000	1980	99.0	2000	1980	99.0
Barium	2000	2060	103.0	2000	2070	103.5	2000	2060	103.0
Beryllium	2000	2000	100.0	2000	2000	100.0	2000	1990	99.5
Bismuth									
Boron									
Cadmium	2000	1980	99.0	2000	2000	100.0	2000	2000	100.0
Calcium	40000	39400	98.5	40000	39600	99.0	40000	39100	97.8
Cerium									
Chromium	2000	1850	92.5	2000	1870	93.5	2000	1870	93.5
Cobalt	2000	2080	104.0	2000	2100	105.0	2000	2100	105.0
Copper	2000	2110	105.5	2000	2130	106.5	2000	2120	106.0
Iron	40000	39600	99.0	40000	39700	99.3	40000	39200	98.0
Lead	2000	2090	104.5	2000	2100	105.0	2000	2100	105.0
Lithium									
Magnesium	40000	39700	99.3	40000	39700	99.3	40000	39400	98.5
Manganese	2000	1990	99.5	2000	1990	99.5	2000	1990	99.5
Molybdenum									
Nickel	2000	2070	103.5	2000	2090	104.5	2000	2100	105.0
Phosphorus									
Potassium	40000	41500	103.8	40000	41700	104.3	40000	41100	102.8
Selenium	2000	1980	99.0	2000	2000	100.0	2000	2010	100.5
Silicon									
Silver	250	236	94.4	250	239	95.6	250	240	96.0
Sodium	40000	40200	100.5	40000	40400	101.0	40000	40000	100.0
Strontium									
Sulfur									
Thallium	2000	2110	105.5	2000	2120	106.0	2000	2130	106.5
Tin									
Titanium									
Tungsten									
Vanadium	2000	1910	95.5	2000	1930	96.5	2000	1930	96.5

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57769 Units: ug/l

Time:		18:48			19:45			20:42	
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	2000	2020	101.0	2000	2030	101.5	2000	2040	102.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57769 Units: ug/l

Time:		21:40			22:28	
Sample ID:	CCV	CCV12		CCV	CCV13	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	40200	100.5	40000	40300	100.8
Antimony	2000	2010	100.5	2000	2020	101.0
Arsenic	2000	1980	99.0	2000	2000	100.0
Barium	2000	2080	104.0	2000	2100	105.0
Beryllium	2000	2010	100.5	2000	2030	101.5
Bismuth						
Boron						
Cadmium	2000	2000	100.0	2000	2000	100.0
Calcium	40000	39700	99.3	40000	39600	99.0
Cerium						
Chromium	2000	1880	94.0	2000	1910	95.5
Cobalt	2000	2100	105.0	2000	2110	105.5
Copper	2000	2120	106.0	2000	2140	107.0
Iron	40000	39700	99.3	40000	39700	99.3
Lead	2000	2100	105.0	2000	2110	105.5
Lithium						
Magnesium	40000	40000	100.0	40000	40000	100.0
Manganese	2000	2010	100.5	2000	2040	102.0
Molybdenum						
Nickel	2000	2100	105.0	2000	2110	105.5
Phosphorus						
Potassium	40000	41800	104.5	40000	41700	104.3
Selenium	2000	2010	100.5	2000	2020	101.0
Silicon						
Silver	250	240	96.0	250	244	97.6
Sodium	40000	40700	101.8	40000	40900	102.3
Strontium						
Sulfur						
Thallium	2000	2140	107.0	2000	2150	107.5
Tin						
Titanium						
Tungsten						
Vanadium	2000	1930	96.5	2000	1960	98.0

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57769 Units: ug/l

Time:		21:40			22:28	
Sample ID:	CCV	CCV12		CCV	CCV13	
Metal	True	Results	% Rec	True	Results	% Rec
Zinc	2000	2040	102.0	2000	2050	102.5
Zirconium						

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA57769 Units: ug/l

Time:		11:29			11:34	
Sample ID:	HSTD	HSTD1		HSTD	HSTD2	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum				300000	295000	98.3
Antimony	8000	7760	97.0			
Arsenic	8000	7400	92.5			
Barium	8000	7870	98.4			
Beryllium	8000	7760	97.0			
Bismuth						
Boron						
Cadmium	8000	8060	100.8			
Calcium				200000	193000	96.5
Cerium						
Chromium	8000	7980	99.8			
Cobalt	8000	8140	101.8			
Copper	8000	8440	105.5			
Iron				200000	195000	97.5
Lead	8000	8230	102.9			
Lithium						
Magnesium				300000	288000	96.0
Manganese	8000	8030	100.4			
Molybdenum						
Nickel	8000	8120	101.5			
Phosphorus						
Potassium				200000	199000	99.5
Selenium	8000	7910	98.9			
Silicon						
Silver	625	623	99.7			
Sodium				200000	194000	97.0
Strontium						
Sulfur						
Thallium	8000	7510	93.9			
Tin						
Titanium						
Tungsten						
Vanadium	8000	7830	97.9			

HIGH STANDARD CHECK SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA57769 Units: ug/l

Time:		11:29			11:34	
Sample ID:	HSTD	HSTD1		HSTD	HSTD2	
Metal	True	Results	% Rec	True	Results	% Rec
Zinc	8000	8210	102.6			
Zirconium						

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: CRI 80-120% CRIA 80-120% Run ID: MA57769 Units: ug/l

Time:				11:09		11:14		12:13	
Sample ID:	CRI	CRIA	CRID	CRI1		CRID1		CRID2	
Metal	True	True	True	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	200	500	100					97.7	97.7
Antimony	6.0	20	3.0						
Arsenic	8.0	20	3.0					3.20	106.7
Barium	200		4.0					4.40	110.0
Beryllium	2.0		1.0					1.00	100.0
Bismuth	20								
Boron	100		10						
Cadmium	3.0		1.0					0.800	80.0
Calcium	5000	2000	1000					999	99.9
Cerium									
Chromium	10		2.0						
Cobalt	50		3.0					3.00	100.0
Copper	10		2.0						
Iron	100	500							
Lead	3.0	20	2.5						
Lithium	50								
Magnesium	5000	2000	100					91.7	91.7
Manganese	15		3.0					2.90	96.7
Molybdenum	20								
Nickel	10		4.0					3.70	92.5
Phosphorus	50								
Potassium	5000		2000					2150	107.5
Selenium	10	20	5.0						
Silicon	200								
Silver	5.0		2.0						
Sodium	5000		1000					1060	106.0
Strontium	10								
Sulfur	50								
Thallium	10		2.0						
Tin	10								
Titanium	10								
Tungsten	50								
Vanadium	50		2.0					2.30	115.0

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: CRI 80-120% CRIA 80-120% Run ID: MA57769 Units: ug/l

Time:				11:09		11:14		12:13	
Sample ID:	CRI	CRIA	CRID	CRI1		CRID1		CRID2	
Metal	True	True	True	Results	% Rec	Results	% Rec	Results	% Rec
Zinc	20		10					9.90	99.0
Zirconium	10								

(*) Outside of QC limits
(anr) Analyte not requested

8.3.7
8

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: CRI 80-120% CRIA 80-120% Run ID: MA57769 Units: ug/l

Time:				16:28		17:07	
Sample ID:	CRI	CRIA	CRID	CRI2		CRID3	
Metal	True	True	True	Results	% Rec	Results	% Rec
Aluminum	200	500	100	192	96.0	87.3	87.3
Antimony	6.0	20	3.0	6.00	100.0		
Arsenic	8.0	20	3.0	6.60	82.5	2.80	93.3
Barium	200		4.0	194	97.0	4.10	102.5
Beryllium	2.0		1.0	1.90	95.0	1.00	100.0
Bismuth	20						
Boron	100		10				
Cadmium	3.0		1.0	2.70	90.0	1.10	110.0
Calcium	5000	2000	1000	4820	96.4	968	96.8
Cerium							
Chromium	10		2.0	8.60	86.0	1.80	90.0
Cobalt	50		3.0	49.4	98.8	3.00	100.0
Copper	10		2.0	9.70	97.0		
Iron	100	500		106	106.0		
Lead	3.0	20	2.5	3.50	116.7		
Lithium	50						
Magnesium	5000	2000	100	4900	98.0	107	107.0
Manganese	15		3.0	14.6	97.3	2.90	96.7
Molybdenum	20						
Nickel	10		4.0	9.60	96.0	3.70	92.5
Phosphorus	50						
Potassium	5000		2000	5180	103.6	2050	102.5
Selenium	10	20	5.0	9.30	93.0		
Silicon	200						
Silver	5.0		2.0	5.50	110.0		
Sodium	5000		1000	5120	102.4	1160	116.0
Strontium	10						
Sulfur	50						
Thallium	10		2.0	10.9	109.0		
Tin	10						
Titanium	10						
Tungsten	50						
Vanadium	50		2.0	47.2	94.4	2.30	115.0

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: CRI 80-120% CRIA 80-120% Run ID: MA57769 Units: ug/l

Time:				16:28		17:07	
Sample ID:	CRI	CRIA	CRID	CRI2		CRID3	
Metal	True	True	True	Results	% Rec	Results	% Rec
Zinc	20		10	19.8	99.0	9.90	99.0
Zirconium	10						

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 80 to 120 % Recovery Run ID: MA57769 Units: ug/l

Time:			11:19		11:24		16:37		16:42	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1		ICSA2		ICSAB2	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	500000	500000	487000	97.4	484000	96.8	491000	98.2	488000	97.6
Antimony		1000	1.60		1070	107.0	-0.600		1060	106.0
Arsenic		1000	0.100		970	97.0	-1.70		944	94.4
Barium		500	-1.90		485	97.0	-1.40		502	100.4
Beryllium		500	-0.700		480	96.0	-0.400		471	94.2
Bismuth		500	-5.90		505	101.0	8.00		509	101.8
Boron		500	-4.80		480	96.0	-6.40		473	94.6
Cadmium		1000	-1.30		1000	100.0	-0.900		992	99.2
Calcium	400000	400000	382000	95.5	374000	93.5	377000	94.3	371000	92.8
Cerium			5.90		-3.60		-4.10		-12.5	
Chromium		500	-2.00		462	92.4	-2.40		430	86.0
Cobalt		500	-3.00		476	95.2	-2.90		489	97.8
Copper		500	0.700		510	102.0	1.40		546	109.2
Iron	200000	200000	192000	96.0	190000	95.0	193000	96.5	190000	95.0
Lead		1000	2.80		947	94.7	-2.70		971	97.1
Lithium		500	-5.20		535	107.0	-43.2		518	103.6
Magnesium	500000	500000	477000	95.4	468000	93.6	465000	93.0	458000	91.6
Manganese		500	-2.70		494	98.8	-2.20		487	97.4
Molybdenum		500	0.600		476	95.2	0.100		458	91.6
Nickel		1000	-3.40		961	96.1	-2.20		973	97.3
Phosphorus		500	-7.50		509	101.8	-4.60		505	101.0
Potassium			71.7		99.8		310		331	
Selenium		1000	0.00		1040	104.0	-5.70		1020	102.0
Silicon		500	24.3		558	111.6	25.2		546	109.2
Silver		1000	-0.600		1050	105.0	0.400		1010	101.0
Sodium			-22.1		30.3		324		267	
Strontium		500	-2.50		477	95.4	-1.80		515	103.0
Sulfur		500	4.50		503	100.6	40.7		543	108.6
Thallium		1000	-3.90		964	96.4	-4.40		988	98.8
Tin		500	-0.100		487	97.4	-0.100		481	96.2
Titanium		500	0.100		471	94.2	0.100		471	94.2
Tungsten		500	25.3		486	97.2	24.6		477	95.4
Vanadium		500	-2.50		484	96.8	-1.40		467	93.4

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SD012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 80 to 120 % Recovery Run ID: MA57769 Units: ug/l

Time:			11:19		11:24		16:37		16:42	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1		ICSA2		ICSAB2	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Zinc		1000	-3.40		944	94.4	-3.50		932	93.2
Zirconium		500	3.00		454	90.8	4.30		435	87.0

(*) Outside of QC limits
(anr) Analyte not requested

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57770
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
07:58	MA57770-STD1	1		STDA
08:03	MA57770-STD2	1		STDB
08:08	MA57770-ICV1	1		
08:13	MA57770-ICB1	1		
08:19	MA57770-ICCV1	1		
08:24	MA57770-CCB1	1		
08:28	MA57770-CRI1	1		
08:33	MA57770-CRID1	1		
08:38	MA57770-ICSA1	1		
08:43	MA57770-ICSAB1	1		
08:48	MA57770-HSTD1	1		
08:53	MA57770-HSTD2	1		
08:58	ZZZZZZ	1		
09:03	ZZZZZZ	1		
09:08	MA57770-CCV1	1		
09:13	MA57770-CCB2	1		
09:17	MA57770-CRID2	1		
09:22	MP52394-MB1	1		
09:27	MP52394-B1	1		
09:32	ZZZZZZ	1		
09:36	ZZZZZZ	1		
09:41	ZZZZZZ	1		
09:46	ZZZZZZ	1		
09:51	ZZZZZZ	1		
09:56	ZZZZZZ	1		
10:01	ZZZZZZ	1		
10:05	MA57770-CCV2	1		
10:10	MA57770-CCB3	1		
10:15	ZZZZZZ	5		
10:19	ZZZZZZ	2		
10:25	MP52382-B1	1		
10:31	MP52382-MB1	1		
10:36	MP52382-S1	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57770
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:40	MP52382-S2	1		
10:45	JE4605-1	1		(sample used for QC only; not part of login JE4646)
10:50	MP52382-SD1	5		
10:55	ZZZZZZ	1		
10:59	ZZZZZZ	1		
11:04	MA57770-CCV3	1		
11:09	MA57770-CCB4	1		
11:13	ZZZZZZ	1		
11:18	ZZZZZZ	1		
11:23	ZZZZZZ	1		
11:28	ZZZZZZ	1		
11:33	ZZZZZZ	1		
11:37	ZZZZZZ	1		
11:42	ZZZZZZ	1		
11:48	MP52383-B1	1		
11:53	MP52383-MB1	1		
11:58	MP52383-S1	1		
12:02	MA57770-CCV4	1		
12:07	MA57770-CCB5	1		
12:12	MP52383-S2	1		
12:16	JE4608-1	1		(sample used for QC only; not part of login JE4646)
12:21	MP52383-SD1	5		
12:26	ZZZZZZ	1		
12:30	ZZZZZZ	1		
12:35	ZZZZZZ	1		
12:40	ZZZZZZ	1		
12:45	ZZZZZZ	1		
12:50	ZZZZZZ	1		
12:55	ZZZZZZ	1		
13:00	MA57770-CCV5	1		
13:04	MA57770-CCB6	1		
13:09	ZZZZZZ	1		
13:14	MP52394-S1	1		ZN high

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57770
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:19	MP52394-S2	1		ZN high
13:23	JE4646-1	1		ZN high
13:28	MP52394-SD1	5		ZN high
13:33	MP52394-PS1	1		
13:37	JE4646-2	1		Ba, Zn high
13:42	JE4646-3	1		
13:47	JE4646-5	1		
---------->	Last reportable sample/prep for job JE4646			
13:52	ZZZZZZ	1		
13:57	MA57770-CCV6	1		
14:02	MA57770-CCB7	1		
---------->	Last reportable CCB for job JE4646			
14:06	MP52382-S1	2		
14:11	MP52382-S2	2		
14:16	JE4605-1	2		(sample used for QC only; not part of login JE4646)
14:21	MP52382-SD1	10		
14:25	ZZZZZZ	2		
14:30	ZZZZZZ	5		
14:35	ZZZZZZ	5		
14:39	ZZZZZZ	2		
14:44	ZZZZZZ	2		
14:49	ZZZZZZ	2		
14:54	MA57770-CCV7	1		
14:58	MA57770-CCB8	1		
15:03	MP52383-S1	2		
15:08	MP52383-S2	2		
15:13	JE4608-1	2		(sample used for QC only; not part of login JE4646)
15:17	MP52383-SD1	10		
15:22	ZZZZZZ	2		
15:27	ZZZZZZ	2		
15:31	ZZZZZZ	5		
15:36	ZZZZZZ	2		
15:41	ZZZZZZ	5		
15:46	MA57770-CCV8	1		
15:50	MA57770-CCB9	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57770
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:55	ZZZZZZ	5		
16:00	ZZZZZZ	5		
16:05	ZZZZZZ	5		
16:09	ZZZZZZ	5		
16:14	ZZZZZZ	5		
16:19	ZZZZZZ	5		
16:24	MP52086-SD1	100		
16:29	MA57770-CCV9	1		
16:33	MA57770-CCB10	1		
16:38	ZZZZZZ	1		
16:43	ZZZZZZ	1		
16:48	ZZZZZZ	1		
16:52	ZZZZZZ	1		
16:57	ZZZZZZ	1		
17:04	ZZZZZZ	1		
17:10	MA57770-CCV10	1		
17:15	MA57770-CCB11	1		

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57770
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Element: Dilution	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn
08:08	MA57770-ICV1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08:13	MA57770-ICB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08:19	MA57770-ICCV1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08:24	MA57770-CCB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08:28	MA57770-CRI1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08:33	MA57770-CRID1	1																						
08:38	MA57770-ICSA1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08:43	MA57770-ICSAB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08:48	MA57770-HSTD1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08:53	MA57770-HSTD2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08:58	ZZZZZZ	1																						
09:03	ZZZZZZ	1																						
09:08	MA57770-CCV1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09:13	MA57770-CCB2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09:17	MA57770-CRID2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09:22	MP52394-MB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09:27	MP52394-B1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09:32	ZZZZZZ	1																						
09:36	ZZZZZZ	1																						
09:41	ZZZZZZ	1																						
09:46	ZZZZZZ	1																						
09:51	ZZZZZZ	1																						
09:56	ZZZZZZ	1																						
10:01	ZZZZZZ	1																						
10:05	MA57770-CCV2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10:10	MA57770-CCB3	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10:15	ZZZZZZ	5																						
10:19	ZZZZZZ	2																						
10:25	MP52382-B1	1																						
10:31	MP52382-MB1	1																						
10:36	MP52382-S1	1																						
10:40	MP52382-S2	1																						
10:45	JE4605-1	1																						
		Element:	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57770
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Element: Dilution	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn
10:50	MP52382-SD1	5																						
10:55	ZZZZZZ	1																						
10:59	ZZZZZZ	1																						
11:04	MA57770-CCV3	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11:09	MA57770-CCB4	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11:13	ZZZZZZ	1																						
11:18	ZZZZZZ	1																						
11:23	ZZZZZZ	1																						
11:28	ZZZZZZ	1																						
11:33	ZZZZZZ	1																						
11:37	ZZZZZZ	1																						
11:42	ZZZZZZ	1																						
11:48	MP52383-B1	1																						
11:53	MP52383-MB1	1																						
11:58	MP52383-S1	1																						
12:02	MA57770-CCV4	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12:07	MA57770-CCB5	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12:12	MP52383-S2	1																						
12:16	JE4608-1	1																						
12:21	MP52383-SD1	5																						
12:26	ZZZZZZ	1																						
12:30	ZZZZZZ	1																						
12:35	ZZZZZZ	1																						
12:40	ZZZZZZ	1																						
12:45	ZZZZZZ	1																						
12:50	ZZZZZZ	1																						
12:55	ZZZZZZ	1																						
13:00	MA57770-CCV5	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13:04	MA57770-CCB6	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13:09	ZZZZZZ	1																						
13:14	MP52394-S1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
13:19	MP52394-S2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
13:23	JE4646-1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
		Element:	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57770
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Element: Dilution	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn	
13:28	MP52394-SD1	5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
13:33	MP52394-PS1	1																							
13:37	JE4646-2	1	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
13:42	JE4646-3	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
13:47	JE4646-5	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
13:52	ZZZZZZ	1																							
13:57	MA57770-CCV6	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
14:02	MA57770-CCB7	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
14:06	MP52382-S1	2																							
14:11	MP52382-S2	2																							
14:16	JE4605-1	2																							(a)
14:21	MP52382-SD1	10																							
14:25	ZZZZZZ	2																							
14:30	ZZZZZZ	5																							
14:35	ZZZZZZ	5																							
14:39	ZZZZZZ	2																							
14:44	ZZZZZZ	2																							
14:49	ZZZZZZ	2																							
14:54	MA57770-CCV7	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
14:58	MA57770-CCB8	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15:03	MP52383-S1	2																							
15:08	MP52383-S2	2																							
15:13	JE4608-1	2																							(a)
15:17	MP52383-SD1	10																							
15:22	ZZZZZZ	2																							
15:27	ZZZZZZ	2																							
15:31	ZZZZZZ	5																							
15:36	ZZZZZZ	2																							
15:41	ZZZZZZ	5																							
15:46	MA57770-CCV8	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15:50	MA57770-CCB9	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15:55	ZZZZZZ	5																							
16:00	ZZZZZZ	5																							
		Element:	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn	

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57770
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Element: Dilution	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn
16:05	ZZZZZZ	5																						
16:09	ZZZZZZ	5																						
16:14	ZZZZZZ	5																						
16:19	ZZZZZZ	5																						
16:24	MP52086-SD1	100								X														
16:29	MA57770-CCV9	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:33	MA57770-CCB10	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:38	ZZZZZZ	1																						
16:43	ZZZZZZ	1																						
16:48	ZZZZZZ	1																						
16:52	ZZZZZZ	1																						
16:57	ZZZZZZ	1																						
17:04	ZZZZZZ	1																						
17:10	MA57770-CCV10	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17:15	MA57770-CCB11	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

(a) Sample used for QC only; not part of login JE4646.

Element:	Al	Sb	As	Ba	Be	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Ni	K	Se	Ag	Na	Tl	V	Zn

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57770
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
07:58	MA57770-STD1	6031 R	119140 R	14165 R	9490 R
08:03	MA57770-STD2	5716	114530	13914	8935
08:08	MA57770-ICV1	5773	113950	13989	8983
08:13	MA57770-ICB1	5910	116680	14071	9320
08:19	MA57770-ICCV1	5753	113320	13785	8972
08:24	MA57770-CCB1	5945	116480	13998	9366
08:28	MA57770-CRI1	5881	115590	13927	9235
08:33	MA57770-CRID1	No results reported for the elements associated with this internal standard.			
08:38	MA57770-ICSA1	5569	109870	13663	8582
08:43	MA57770-ICSAB1	5617	110600	13819	8651
08:48	MA57770-HSTD1	5864	117060	14250	9433
08:53	MA57770-HSTD2	5578	111290	13794	8571
08:58	ZZZZZZ	5943	118010	14183	9510
09:03	ZZZZZZ	6118	113860	14144	9160
09:08	MA57770-CCV1	5836	114140	13888	9095
09:13	MA57770-CCB2	5949	117190	14148	9396
09:17	MA57770-CRID2	5910	116840	14077	9334
09:22	MP52394-MB1	5883	116000	14029	9317
09:27	MP52394-B1	5827	115650	14191	9164
09:32	ZZZZZZ	5992	118390	14495	9193
09:36	ZZZZZZ	6035	119210	14553	9270
09:41	ZZZZZZ	5885	116030	14322	9080
09:46	ZZZZZZ	5849	114420	14239	9258
09:51	ZZZZZZ	5890	116980	14226	9085
09:56	ZZZZZZ	5751	115080	14149	8833
10:01	ZZZZZZ	5799	115170	14202	8995
10:05	MA57770-CCV2	5777	115200	13856	9112
10:10	MA57770-CCB3	5945	118830	14155	9488
10:15	ZZZZZZ	5911	118240	14210	9367
10:19	ZZZZZZ	5880	117110	14174	9158
10:25	MP52382-B1	No results reported for the elements associated with this internal standard.			
10:31	MP52382-MB1	5794	115420	13800	9349
10:36	MP52382-S1	No results reported for the elements associated with this internal standard.			

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57770
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
10:40	MP52382-S2	No results reported for the elements associated with this internal standard.			
10:45	JE4605-1	No results reported for the elements associated with this internal standard.			
10:50	MP52382-SD1	No results reported for the elements associated with this internal standard.			
10:55	ZZZZZZ	5669	111800	13491	8971
10:59	ZZZZZZ	5672	113420	13513	8943
11:04	MA57770-CCV3	5860	117230	13986	9245
11:09	MA57770-CCB4	6002	119920	14158	9596
11:13	ZZZZZZ	5668	112810	13533	8942
11:18	ZZZZZZ	5567	111280	13714	8641
11:23	ZZZZZZ	5455	109210	13316	8572
11:28	ZZZZZZ	5808	114800	13607	9242
11:33	ZZZZZZ	5861	114960	13658	9280
11:37	ZZZZZZ	5677	113040	13570	8986
11:42	ZZZZZZ	5704	114920	13739	9010
11:48	MP52383-B1	5938	118580	14106	9575
11:53	MP52383-MB1	5927	117910	14059	9584
11:58	MP52383-S1	No results reported for the elements associated with this internal standard.			
12:02	MA57770-CCV4	5903	118950	14288	9340
12:07	MA57770-CCB5	6031	120280	14276	9669
12:12	MP52383-S2	No results reported for the elements associated with this internal standard.			
12:16	JE4608-1	No results reported for the elements associated with this internal standard.			
12:21	MP52383-SD1	No results reported for the elements associated with this internal standard.			
12:26	ZZZZZZ	5616	112780	13572	8969
12:30	ZZZZZZ	5391	110920	13358	8645
12:35	ZZZZZZ	5446	109680	12955	8724
12:40	ZZZZZZ	5506	110160	12937	8759
12:45	ZZZZZZ	5585	112720	13407	9005
12:50	ZZZZZZ	5298	107160	12660	8562
12:55	ZZZZZZ	5491	108760	12844	8829
13:00	MA57770-CCV5	6027	120230	14124	9548
13:04	MA57770-CCB6	6210	123350	14196	9959
13:09	ZZZZZZ	5449	999999 !	12934	8766
13:14	MP52394-S1	6222	124400	14776	9756

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57770
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
13:19	MP52394-S2	6419	128150	15135	10050
13:23	JE4646-1	5861	116950	13891	9240
13:28	MP52394-SD1	6280	124300	14530	9932
13:33	MP52394-PS1	5926	119980	14259	9365
13:37	JE4646-2	5739	115310	13656	9177
13:42	JE4646-3	5940	118110	13982	9374
13:47	JE4646-5	5625	111670	13302	8957
13:52	ZZZZZZ	6631	132240	15795	10062
13:57	MA57770-CCV6	6086	120760	14178	9645
14:02	MA57770-CCB7	6243	123800	14590	10023
14:06	MP52382-S1	5394	107580	12510	8750
14:11	MP52382-S2	5389	106940	12504	8729
14:16	JE4605-1	5392	106110	12527	8736
14:21	MP52382-SD1	5884	116740	13547	9456
14:25	ZZZZZZ	5341	106200	12377	8663
14:30	ZZZZZZ	5715	112390	13121	9184
14:35	ZZZZZZ	5693	111900	13004	9162
14:39	ZZZZZZ	5338	105090	12605	8546
14:44	ZZZZZZ	5292	104680	12259	8566
14:49	ZZZZZZ	5308	105510	12330	8575
14:54	MA57770-CCV7	5984	118410	13787	9441
14:58	MA57770-CCB8	6173	120570	14097	9841
15:03	MP52383-S1	5394	104220	12199	8642
15:08	MP52383-S2	5372	100940	11937	8495
15:13	JE4608-1	5345	98968	11775	8417
15:17	MP52383-SD1	6019	110200	12969	9350
15:22	ZZZZZZ	5422	99177	11838	8500
15:27	ZZZZZZ	5407	98017	11665	8465
15:31	ZZZZZZ	5816	107330	12788	9000
15:36	ZZZZZZ	5405	98048	11720	8414
15:41	ZZZZZZ	6189	111270	13117	9388
15:46	MA57770-CCV8	6164	108940	13004	9333
15:50	MA57770-CCB9	6153	107570	12722	9468

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57770
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
15:55	ZZZZZZ	6270	109600	13103	9224
16:00	ZZZZZZ	6154	106830	12776	9212
16:05	ZZZZZZ	6439	111490	13269	9494
16:09	ZZZZZZ	6058	103330	11973	9131
16:14	ZZZZZZ	6202	100200	11572	9104
16:19	ZZZZZZ	6364	109070	13094	9354
16:24	MP52086-SD1	6502	109870	13107	9688
16:29	MA57770-CCV9	6478	112020	13561	9557
16:33	MA57770-CCB10	6691	115050	13706	10037
16:38	ZZZZZZ	6787	118480	14123	10181
16:43	ZZZZZZ	6374	116270	13882	9984
16:48	ZZZZZZ	6625	118590	14032	10110
16:52	ZZZZZZ	6745	123630	14450	10328
16:57	ZZZZZZ	999999 !	117180	14277	999999 !
17:04	ZZZZZZ	11079 !	116200	14194	16500 !
17:10	MA57770-CCV10	6495	122380	14452	9923
17:15	MA57770-CCB11	6701	125530	14793	10296

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	70-130 %
Istd#2	Yttrium (3600)	70-130 %
Istd#3	Yttrium (3710)	70-130 %
Istd#4	Indium	70-130 %

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57770 Units: ug/l

Time: / Sample ID:			08:13 ICB1		08:24 CCB1		09:13 CCB2		10:10 CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	17	3.00	<200	-14.4	<200	-8.10	<200	-18.3	<200
Antimony	6.0	1.7	0.500	<6.0	0.600	<6.0	-1.30	<6.0	-1.20	<6.0
Arsenic	3.0	2.1	-0.500	<3.0	-2.20	<3.0	0.600	<3.0	-2.40	<3.0
Barium	200	.8	-0.100	<200	-0.100	<200	0.100	<200	-0.200	<200
Beryllium	1.0	.3	0.00	<1.0	0.00	<1.0	0.100	<1.0	0.100	<1.0
Bismuth	20	2.3								
Boron	100	2.3								
Cadmium	3.0	.3	0.100	<3.0	0.200	<3.0	0.00	<3.0	0.400	<3.0
Calcium	5000	6.6	-4.60	<5000	-7.70	<5000	-2.60	<5000	-2.80	<5000
Cerium	100									
Chromium	10	.3	0.100	<10	0.200	<10	0.300	<10	0.400	<10
Cobalt	50	.4	0.100	<50	0.200	<50	0.300	<50	0.500	<50
Copper	10	.8	0.100	<10	0.500	<10	0.200	<10	0.200	<10
Iron	100	5.3	5.90	<100	2.30	<100	1.70	<100	4.10	<100
Lead	3.0	1.1	0.500	<3.0	0.100	<3.0	1.20	<3.0	-1.30	<3.0
Lithium	50	4.8								
Magnesium	5000	32	30.2	<5000	-6.20	<5000	-4.40	<5000	5.40	<5000
Manganese	15	.1	0.00	<15	0.00	<15	0.00	<15	0.100	<15
Molybdenum	20	.6								
Nickel	10	.4	0.00	<10	0.300	<10	0.200	<10	0.00	<10
Phosphorus	50	1.2								
Potassium	10000	77	-20.9	<10000	-7.50	<10000	22.1	<10000	-10.4	<10000
Selenium	10	3.2	-1.90	<10	3.00	<10	1.10	<10	0.300	<10
Silicon	200	1.7	anr							
Silver	10	1	-0.200	<10	-0.200	<10	0.200	<10	0.900	<10
Sodium	10000	34	-0.100	<10000	0.700	<10000	42.7	<10000	26.3	<10000
Strontium	10	.3								
Sulfur	50	3								
Thallium	10	1.8	-1.80	<10	1.40	<10	1.00	<10	-0.500	<10
Tin	10	.8								
Titanium	10	.5								
Tungsten	50	2.6								
Vanadium	50	.6	0.100	<50	-0.100	<50	0.00	<50	0.100	<50

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57770 Units: ug/l

Time:			08:13		08:24		09:13		10:10	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.1	-0.200	<20	-0.200	<20	-0.100	<20	0.00	<20
Zirconium	10	.3								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57770 Units: ug/l

Time:			11:09		12:07		13:04		14:02	
Sample ID:			CCB4		CCB5		CCB6		CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	17	17.6	<200	6.50	<200	7.60	<200	-23.8	<200
Antimony	6.0	1.7	0.800	<6.0	-0.400	<6.0	-1.40	<6.0	-1.40	<6.0
Arsenic	3.0	2.1	-1.50	<3.0	-2.20	<3.0	-0.500	<3.0	-1.70	<3.0
Barium	200	.8	-0.100	<200	-0.100	<200	0.100	<200	0.500	<200
Beryllium	1.0	.3	0.100	<1.0	0.100	<1.0	0.100	<1.0	0.200	<1.0
Bismuth	20	2.3								
Boron	100	2.3								
Cadmium	3.0	.3	0.500	<3.0	0.600	<3.0	0.400	<3.0	0.100	<3.0
Calcium	5000	6.6	-7.10	<5000	-8.20	<5000	-2.40	<5000	-4.60	<5000
Cerium	100									
Chromium	10	.3	0.200	<10	0.400	<10	0.200	<10	0.400	<10
Cobalt	50	.4	0.500	<50	0.600	<50	0.400	<50	0.300	<50
Copper	10	.8	1.10	<10	1.40	<10	1.00	<10	1.20	<10
Iron	100	5.3	4.40	<100	5.60	<100	5.60	<100	6.20	<100
Lead	3.0	1.1	1.70	<3.0	-0.700	<3.0	0.200	<3.0	0.400	<3.0
Lithium	50	4.8								
Magnesium	5000	32	6.10	<5000	14.3	<5000	4.60	<5000	6.20	<5000
Manganese	15	.1	0.100	<15	0.100	<15	0.200	<15	0.100	<15
Molybdenum	20	.6								
Nickel	10	.4	0.400	<10	0.300	<10	0.300	<10	0.300	<10
Phosphorus	50	1.2								
Potassium	10000	77	40.4	<10000	-66.2	<10000	-42.3	<10000	-13.4	<10000
Selenium	10	3.2	1.10	<10	0.500	<10	1.50	<10	1.20	<10
Silicon	200	1.7	anr							
Silver	10	1	0.600	<10	0.600	<10	0.500	<10	1.40	<10
Sodium	10000	34	54.2	<10000	52.6	<10000	89.1	<10000	10.2	<10000
Strontium	10	.3								
Sulfur	50	3								
Thallium	10	1.8	0.600	<10	0.00	<10	-0.500	<10	-0.500	<10
Tin	10	.8								
Titanium	10	.5								
Tungsten	50	2.6								
Vanadium	50	.6	0.300	<50	0.00	<50	0.00	<50	0.400	<50

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57770 Units: ug/l

Time: / Sample ID:			11:09 CCB4		12:07 CCB5		13:04 CCB6		14:02 CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.1	0.200	<20	0.200	<20	0.100	<20	-0.100	<20
Zirconium	10	.3								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: to % Recovery Run ID: MA57770 Units: ug/l

Time:		08:19	
Sample ID:	ICCV	ICCV1	
Metal	True	Results	% Rec
Aluminum	40000	40000	100.0
Antimony	2000	2000	100.0
Arsenic	2000	2010	100.5
Barium	2000	1950	97.5
Beryllium	2000	1990	99.5
Bismuth			
Boron			
Cadmium	2000	1980	99.0
Calcium	40000	40600	101.5
Cerium			
Chromium	2000	1960	98.0
Cobalt	2000	1960	98.0
Copper	2000	1960	98.0
Iron	40000	40100	100.3
Lead	2000	1950	97.5
Lithium			
Magnesium	40000	40800	102.0
Manganese	2000	2000	100.0
Molybdenum			
Nickel	2000	1960	98.0
Phosphorus			
Potassium	40000	39700	99.3
Selenium	2000	1950	97.5
Silicon	anr		
Silver	250	247	98.8
Sodium	40000	40200	100.5
Strontium			
Sulfur			
Thallium	2000	1970	98.5
Tin			
Titanium			
Tungsten			
Vanadium	2000	1950	97.5

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: to % Recovery Run ID: MA57770 Units: ug/l

Time:		08:19	
Sample ID:	ICCV	ICCV1	
Metal	True	Results	% Rec
Zinc	2000	1970	98.5
Zirconium			

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57770 Units: ug/l

Time:		08:08			09:08			10:05	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	39700	99.3	40000	40400	101.0	40000	40600	101.5
Antimony	2000	2020	101.0	2000	2030	101.5	2000	2070	103.5
Arsenic	2000	1960	98.0	2000	2020	101.0	2000	1980	99.0
Barium	2000	1950	97.5	2000	1980	99.0	2000	1990	99.5
Beryllium	2000	2000	100.0	2000	2010	100.5	2000	2050	102.5
Bismuth									
Boron									
Cadmium	2000	1930	96.5	2000	2000	100.0	2000	2040	102.0
Calcium	40000	39600	99.0	40000	41100	102.8	40000	41000	102.5
Cerium									
Chromium	2000	1940	97.0	2000	1990	99.5	2000	2010	100.5
Cobalt	2000	1920	96.0	2000	1990	99.5	2000	2020	101.0
Copper	2000	1950	97.5	2000	2000	100.0	2000	2040	102.0
Iron	40000	39400	98.5	40000	40600	101.5	40000	41100	102.8
Lead	2000	1980	99.0	2000	1990	99.5	2000	2040	102.0
Lithium									
Magnesium	40000	39700	99.3	40000	41200	103.0	40000	41300	103.3
Manganese	2000	1980	99.0	2000	2040	102.0	2000	2040	102.0
Molybdenum									
Nickel	2000	1990	99.5	2000	1990	99.5	2000	2000	100.0
Phosphorus									
Potassium	40000	39200	98.0	40000	40200	100.5	40000	40900	102.3
Selenium	2000	1990	99.5	2000	1980	99.0	2000	2030	101.5
Silicon	anr								
Silver	250	253	101.2	250	251	100.4	250	253	101.2
Sodium	40000	39600	99.0	40000	40700	101.8	40000	41000	102.5
Strontium									
Sulfur									
Thallium	2000	1860	93.0*(a)	2000	1990	99.5	2000	2010	100.5
Tin									
Titanium									
Tungsten									
Vanadium	2000	1910	95.5	2000	1970	98.5	2000	1980	99.0

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57770 Units: ug/l

Time:		08:08			09:08			10:05	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	2000	1990	99.5	2000	1980	99.0	2000	2000	100.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested
(a) Within 90 to 110 percent limits required for SW846 6010. No EPA 200.7 samples reported for this element in the area bracketed by this QC.

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57770 Units: ug/l

Time:		11:04			12:02			13:00	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	40300	100.8	40000	40700	101.8	40000	41200	103.0
Antimony	2000	2070	103.5	2000	2140	107.0	2000	2160	108.0
Arsenic	2000	1980	99.0	2000	2040	102.0	2000	2080	104.0
Barium	2000	1980	99.0	2000	2010	100.5	2000	2040	102.0
Beryllium	2000	2030	101.5	2000	2060	103.0	2000	2080	104.0
Bismuth									
Boron									
Cadmium	2000	2030	101.5	2000	2090	104.5	2000	2120	106.0
Calcium	40000	40600	101.5	40000	40900	102.3	40000	41600	104.0
Cerium									
Chromium	2000	2020	101.0	2000	2070	103.5	2000	2120	106.0
Cobalt	2000	2020	101.0	2000	2080	104.0	2000	2120	106.0
Copper	2000	2020	101.0	2000	2060	103.0	2000	2100	105.0
Iron	40000	41100	102.8	40000	42000	105.0	40000	42600	106.5
Lead	2000	2050	102.5	2000	2120	106.0	2000	2180	109.0
Lithium									
Magnesium	40000	40800	102.0	40000	41100	102.8	40000	41900	104.8
Manganese	2000	2030	101.5	2000	2060	103.0	2000	2110	105.5
Molybdenum									
Nickel	2000	2000	100.0	2000	2050	102.5	2000	2090	104.5
Phosphorus									
Potassium	40000	41000	102.5	40000	42000	105.0	40000	43200	108.0
Selenium	2000	2040	102.0	2000	2110	105.5	2000	2170	108.5
Silicon	anr								
Silver	250	252	100.8	250	257	102.8	250	262	104.8
Sodium	40000	40900	102.3	40000	41400	103.5	40000	42300	105.8
Strontium									
Sulfur									
Thallium	2000	2000	100.0	2000	2050	102.5	2000	2090	104.5
Tin									
Titanium									
Tungsten									
Vanadium	2000	1990	99.5	2000	2030	101.5	2000	2070	103.5

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57770 Units: ug/l

Time:		11:04			12:02			13:00	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	2000	2020	101.0	2000	2090	104.5	2000	2150	107.5
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57770 Units: ug/l

Time:		13:57	
Sample ID:	CCV	CCV6	
Metal	True	Results	% Rec
Aluminum	40000	40700	101.8
Antimony	2000	2150	107.5
Arsenic	2000	2050	102.5
Barium	2000	2000	100.0
Beryllium	2000	2070	103.5
Bismuth			
Boron			
Cadmium	2000	2090	104.5
Calcium	40000	40900	102.3
Cerium			
Chromium	2000	2130	106.5
Cobalt	2000	2110	105.5
Copper	2000	2080	104.0
Iron	40000	42600	106.5
Lead	2000	2160	108.0
Lithium			
Magnesium	40000	41200	103.0
Manganese	2000	2070	103.5
Molybdenum			
Nickel	2000	2070	103.5
Phosphorus			
Potassium	40000	43100	107.8
Selenium	2000	2160	108.0
Silicon	anr		
Silver	250	262	104.8
Sodium	40000	41800	104.5
Strontium			
Sulfur			
Thallium	2000	2070	103.5
Tin			
Titanium			
Tungsten			
Vanadium	2000	2070	103.5

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57770 Units: ug/l

Time:		13:57	
Sample ID:	CCV	CCV6	
Metal	True	Results	% Rec
Zinc	2000	2130	106.5
Zirconium			

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA57770 Units: ug/l

Time:		08:48			08:53	
Sample ID:	HSTD	HSTD1		HSTD	HSTD2	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum				300000	298000	99.3
Antimony	8000	7780	97.3			
Arsenic	8000	7630	95.4			
Barium	8000	7740	96.8			
Beryllium	8000	7730	96.6			
Bismuth						
Boron						
Cadmium	8000	7340	91.8			
Calcium				200000	196000	98.0
Cerium						
Chromium	8000	7790	97.4			
Cobalt	8000	7730	96.6			
Copper	8000	7510	93.9			
Iron				200000	198000	99.0
Lead	8000	7790	97.4			
Lithium						
Magnesium				300000	296000	98.7
Manganese	8000	7840	98.0			
Molybdenum						
Nickel	8000	7750	96.9			
Phosphorus						
Potassium				200000	201000	100.5
Selenium	8000	7670	95.9			
Silicon	anr					
Silver	625	624	99.8			
Sodium				200000	200000	100.0
Strontium						
Sulfur						
Thallium	8000	7200	90.0			
Tin						
Titanium						
Tungsten						
Vanadium	8000	7640	95.5			

HIGH STANDARD CHECK SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA57770 Units: ug/l

Time:		08:48			08:53	
Sample ID:	HSTD	HSTD1		HSTD	HSTD2	
Metal	True	Results	% Rec	True	Results	% Rec
Zinc	8000	7890	98.6			
Zirconium						

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: CRI 80-120% CRIA 80-120% Run ID: MA57770 Units: ug/l

Time:				08:28		09:17	
Sample ID:	CRI	CRIA	CRID	CRI1		CRID2	
Metal	True	True	True	Results	% Rec	Results	% Rec
Aluminum	200	500	100	221	110.5	99.6	99.6
Antimony	6.0	20	3.0	5.10	85.0		
Arsenic	8.0	20	3.0	6.60	82.5	2.60	86.7
Barium	200		4.0	194	97.0	4.10	102.5
Beryllium	2.0		1.0	2.10	105.0	1.10	110.0
Bismuth	20						
Boron	100		10				
Cadmium	3.0		1.0	3.10	103.3	1.20	120.0
Calcium	5000	2000	1000	5230	104.6	1060	106.0
Cerium							
Chromium	10		2.0	10.1	101.0	2.10	105.0
Cobalt	50		3.0	50.4	100.8	3.40	113.3
Copper	10		2.0	9.20	92.0		
Iron	100	500		105	105.0		
Lead	3.0	20	2.5	3.50	116.7		
Lithium	50						
Magnesium	5000	2000	100	5350	107.0		
Manganese	15		3.0	15.5	103.3	3.20	106.7
Molybdenum	20						
Nickel	10		4.0	10.3	103.0	4.10	102.5
Phosphorus	50						
Potassium	5000		2000	4980	99.6	1950	97.5
Selenium	10	20	5.0	11.0	110.0		
Silicon	200			anr			
Silver	5.0		2.0	4.80	96.0		
Sodium	5000		1000	5160	103.2	1040	104.0
Strontium	10						
Sulfur	50						
Thallium	10		2.0	9.20	92.0	2.20	110.0
Tin	10						
Titanium	10						
Tungsten	50						
Vanadium	50		2.0	49.4	98.8	1.90	95.0

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: CRI 80-120% CRIA 80-120% Run ID: MA57770 Units: ug/l

Time:				08:28		09:17	
Sample ID:	CRI	CRIA	CRID	CRI1		CRID2	
Metal	True	True	True	Results	% Rec	Results	% Rec
Zinc	20		10	21.3	106.5	10.6	106.0
Zirconium	10						

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 80 to 120 % Recovery Run ID: MA57770 Units: ug/l

Time:			08:38		08:43	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	499000	99.8	493000	98.6
Antimony		1000	0.400		1030	103.0
Arsenic		1000	0.900		937	93.7
Barium		500	7.20		473	94.6
Beryllium		500	0.00		469	93.8
Bismuth		500	6.30		517	103.4
Boron		500	5.20		476	95.2
Cadmium		1000	0.800		973	97.3
Calcium	400000	400000	389000	97.3	380000	95.0
Cerium			19.0		15.2	
Chromium		500	-0.500		434	86.8
Cobalt		500	0.400		466	93.2
Copper		500	7.40		489	97.8
Iron	200000	200000	194000	97.0	192000	96.0
Lead		1000	-1.80		879	87.9
Lithium		500	-3.00		538	107.6
Magnesium	500000	500000	494000	98.8	485000	97.0
Manganese		500	-6.70		469	93.8
Molybdenum		500	3.20		473	94.6
Nickel		1000	-2.80		916	91.6
Phosphorus		500	-20.9		397	79.4*
Potassium			-185		-181	
Selenium		1000	-4.70		960	96.0
Silicon		500	-9.10		488	97.6
Silver		1000	-1.00		1030	103.0
Sodium			83.6		111	
Strontium		500	0.100		465	93.0
Sulfur		500	-18.4		491	98.2
Thallium		1000	-0.100		937	93.7
Tin		500	-3.70		466	93.2
Titanium		500	-2.20		473	94.6
Tungsten		500	3.00		463	92.6
Vanadium		500	-0.400		457	91.4

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SC012725M1.ICP Date Analyzed: 01/27/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 80 to 120 % Recovery Run ID: MA57770 Units: ug/l

Time:			08:38		08:43	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Zinc		1000	4.90		882	88.2
Zirconium		500	0.400		442	88.4

(*) Outside of QC limits
(anr) Analyte not requested

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57795
Parameters: Ba,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:45	MA57795-STD1	1		STDA
14:50	MA57795-STD2	1		STDB
14:55	MA57795-ICV1	1		
15:01	MA57795-ICB1	1		
15:08	MA57795-ICCV1	1		
15:14	MA57795-ICCV2	1		
15:20	MA57795-CCB1	1		
15:24	MA57795-CRI1	1		
15:29	MA57795-CRID1	1		
15:34	MA57795-ICSA1	1		
15:39	MA57795-ICSAB1	1		
15:44	MA57795-HSTD1	1		
15:49	MA57795-HSTD2	1		
15:54	MA57795-CCV1	1		
15:59	MA57795-CCB2	1		
16:09	MP52429-MB1	1		
16:13	MP52429-B1	1		
16:18	MP52429-S1	1		
16:23	MP52429-S2	1		
16:27	JE4718-1F	1		(sample used for QC only; not part of login JE4646)
16:32	MP52429-SD1	5		
16:37	ZZZZZZ	1		
16:42	ZZZZZZ	1		
16:47	ZZZZZZ	1		
16:52	MA57795-CCV2	1		
16:56	MA57795-CCB3	1		
17:01	ZZZZZZ	1		
17:06	ZZZZZZ	1		
17:11	ZZZZZZ	1		
17:16	ZZZZZZ	1		
17:21	ZZZZZZ	1		
17:27	ZZZZZZ	1		
17:32	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57795
Parameters: Ba,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
17:37	ZZZZZZ	1		
17:42	ZZZZZZ	1		
17:47	ZZZZZZ	1		
17:52	MA57795-CCV3	1		
17:56	MA57795-CCB4	1		
18:01	ZZZZZZ	1		
18:06	ZZZZZZ	1		
18:11	ZZZZZZ	1		
18:16	ZZZZZZ	1		
18:21	ZZZZZZ	1		
18:26	ZZZZZZ	1		
18:31	MP52431-B1	1		
18:37	MP52431-MB1	1		
18:42	ZZZZZZ	1		
18:47	ZZZZZZ	1		
18:51	MA57795-CCV4	1		
18:56	MA57795-CCB5	1		
19:01	ZZZZZZ	1		
19:06	ZZZZZZ	5		
19:11	JE4739-1	1		(sample used for QC only; not part of login JE4646)
19:15	ZZZZZZ	1		
19:20	ZZZZZZ	1		
19:25	ZZZZZZ	1		
19:30	MP52374-S1	1		
19:35	MP52374-S2	1		
19:40	JE4559-4	1		(sample used for QC only; not part of login JE4646)
19:44	MP52374-SD1	5		missed cup
19:49	MA57795-CCV5	1		
19:54	MA57795-CCB6	1		
19:59	MP52374-PS1	1		
20:04	MP52374-S3	1		
20:08	MP52374-S4	1		
20:13	JE4559-7	1		(sample used for QC only; not part of login JE4646)

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57795
Parameters: Ba,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
20:18	MP52374-SD2	5		missed cup
20:23	MP52374-PS2	1		
20:28	ZZZZZZ	1		
20:33	MP52374-S1	2		
20:37	MP52374-S2	2		
20:42	JE4559-4	2		(sample used for QC only; not part of login JE4646)
20:47	MA57795-CCV6	1		
20:51	MA57795-CCB7	1		
20:56	MP52374-SD1	10		
21:01	MP52374-S3	2		
21:06	MP52374-S4	2		
21:10	JE4559-7	2		(sample used for QC only; not part of login JE4646)
21:15	MP52374-SD2	10		
21:20	ZZZZZZ	2		
21:25	ZZZZZZ	1		
21:30	ZZZZZZ	1		
21:35	ZZZZZZ	1		
21:40	ZZZZZZ	1		
21:45	MA57795-CCV7	1		
21:49	MA57795-CCB8	1		
21:54	MP52394-S1	2		
21:59	MP52394-S2	2		
22:03	JE4646-1	2		
22:08	MP52394-SD1	10		
22:13	JE4646-2	2		
---------->	Last reportable sample/prep for job JE4646			
22:18	ZZZZZZ	50		
22:23	ZZZZZZ	5		
22:27	ZZZZZZ	5		
22:32	ZZZZZZ	2		
22:37	ZZZZZZ	2		
22:42	MA57795-CCV8	1		
22:47	MA57795-CCB9	1		
---------->	Last reportable CCB for job JE4646			
22:52	ZZZZZZ	5		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57795
Parameters: Ba,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
22:56	MP52400-PS1	1		
23:01	ZZZZZZ	2		
23:06	ZZZZZZ	10		
23:11	ZZZZZZ	1		
23:16	ZZZZZZ	1		
23:21	ZZZZZZ	1		
23:26	ZZZZZZ	1		
23:31	ZZZZZZ	1		
23:36	ZZZZZZ	1		
23:41	MA57795-CCV9	1		
23:46	MA57795-CCB10	1		

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57795
Parameters: Ba,Zn

Time	Sample Description	Element: Dilution	B a	Z n	
14:55	MA57795-ICV1	1	X	X	
15:01	MA57795-ICB1	1	X	X	
15:08	MA57795-ICCV1	1			
15:14	MA57795-ICCV2	1	X	X	
15:20	MA57795-CCB1	1	X	X	
15:24	MA57795-CRI1	1	X	X	
15:29	MA57795-CRID1	1	X	X	
15:34	MA57795-ICSA1	1	X	X	
15:39	MA57795-ICSAB1	1	X	X	
15:44	MA57795-HSTD1	1	X	X	
15:49	MA57795-HSTD2	1	X	X	
15:54	MA57795-CCV1	1	X	X	
15:59	MA57795-CCB2	1	X	X	
16:09	MP52429-MB1	1	X		
16:13	MP52429-B1	1	X		
16:18	MP52429-S1	1	X		
16:23	MP52429-S2	1	X		
16:27	JE4718-1F	1			(a)
16:32	MP52429-SD1	5	X		
16:37	ZZZZZZ	1			
16:42	ZZZZZZ	1			
16:47	ZZZZZZ	1			
16:52	MA57795-CCV2	1	X	X	
16:56	MA57795-CCB3	1	X	X	
17:01	ZZZZZZ	1			
17:06	ZZZZZZ	1			
17:11	ZZZZZZ	1			
17:16	ZZZZZZ	1			
17:21	ZZZZZZ	1			
17:27	ZZZZZZ	1			
17:32	ZZZZZZ	1			
17:37	ZZZZZZ	1			
17:42	ZZZZZZ	1			
		Element:	B a	Z n	

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57795
Parameters: Ba,Zn

Time	Sample Description	Element: Dilution	B a	Z n	
17:47	ZZZZZZ	1			
17:52	MA57795-CCV3	1	X	X	
17:56	MA57795-CCB4	1	X	X	
18:01	ZZZZZZ	1			
18:06	ZZZZZZ	1			
18:11	ZZZZZZ	1			
18:16	ZZZZZZ	1			
18:21	ZZZZZZ	1			
18:26	ZZZZZZ	1			
18:31	MP52431-B1	1		X	
18:37	MP52431-MB1	1		X	
18:42	ZZZZZZ	1			
18:47	ZZZZZZ	1			
18:51	MA57795-CCV4	1	X	X	
18:56	MA57795-CCB5	1	X	X	
19:01	ZZZZZZ	1			
19:06	ZZZZZZ	5			
19:11	JE4739-1	1			(a)
19:15	ZZZZZZ	1			
19:20	ZZZZZZ	1			
19:25	ZZZZZZ	1			
19:30	MP52374-S1	1	X		
19:35	MP52374-S2	1	X		
19:40	JE4559-4	1			(a)
19:44	MP52374-SD1	5	missed cup		
19:49	MA57795-CCV5	1	X	X	
19:54	MA57795-CCB6	1	X	X	
19:59	MP52374-PS1	1			
20:04	MP52374-S3	1	X		
20:08	MP52374-S4	1	X		
20:13	JE4559-7	1			(a)
20:18	MP52374-SD2	5	missed cup		
20:23	MP52374-PS2	1			
		Element:	B a	Z n	

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57795
Parameters: Ba,Zn

Time	Sample Description	Element: Dilution	B a	Z n
20:28	ZZZZZZ	1		
20:33	MP52374-S1	2		
20:37	MP52374-S2	2		
20:42	JE4559-4	2		
20:47	MA57795-CCV6	1	X	X
20:51	MA57795-CCB7	1	X	X
20:56	MP52374-SD1	10		
21:01	MP52374-S3	2		
21:06	MP52374-S4	2		
21:10	JE4559-7	2		
21:15	MP52374-SD2	10		
21:20	ZZZZZZ	2		
21:25	ZZZZZZ	1		
21:30	ZZZZZZ	1		
21:35	ZZZZZZ	1		
21:40	ZZZZZZ	1		
21:45	MA57795-CCV7	1	X	X
21:49	MA57795-CCB8	1	X	X
21:54	MP52394-S1	2		X
21:59	MP52394-S2	2		X
22:03	JE4646-1	2		X
22:08	MP52394-SD1	10		X
22:13	JE4646-2	2	X	X
22:18	ZZZZZZ	50		
22:23	ZZZZZZ	5		
22:27	ZZZZZZ	5		
22:32	ZZZZZZ	2		
22:37	ZZZZZZ	2		
22:42	MA57795-CCV8	1	X	X
22:47	MA57795-CCB9	1	X	X
22:52	ZZZZZZ	5		
22:56	MP52400-PS1	1		
23:01	ZZZZZZ	2		
		Element:	B a	Z n

REPORTED ELEMENTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57795
Parameters: Ba,Zn

Time	Sample Description	Element: Dilution	B a	Z n
23:06	ZZZZZZ	10		
23:11	ZZZZZZ	1		
23:16	ZZZZZZ	1		
23:21	ZZZZZZ	1		
23:26	ZZZZZZ	1		
23:31	ZZZZZZ	1		
23:36	ZZZZZZ	1		
23:41	MA57795-CCV9	1	X	X
23:46	MA57795-CCB10	1	X	X

(a) Sample used for QC only; not part of login JE4646.

	Element:	B a	Z n

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57795
Parameters: Ba,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
14:45	MA57795-STD1	2275 R	101770 R	9946 R	6223 R
14:50	MA57795-STD2	2210	98602	9902	5718
14:55	MA57795-ICV1	2229	99023	9889	5822
15:01	MA57795-ICB1	2248	100440	9948	6162
15:08	MA57795-ICCV1	No results reported for the elements associated with this internal standard.			
15:14	MA57795-ICCV2	2234	99287	9938	5837
15:20	MA57795-CCB1	2252	100960	9882	6171
15:24	MA57795-CRI1	2233	100450	9955	6096
15:29	MA57795-CRID1	2247	100790	9950	6153
15:34	MA57795-ICSA1	2093	94020	9791	5329
15:39	MA57795-ICSAB1	2097	94258	9880	5339
15:44	MA57795-HSTD1	2269	100520	10058	6159
15:49	MA57795-HSTD2	2099	95236	9821	5332
15:54	MA57795-CCV1	2223	98852	9914	5816
15:59	MA57795-CCB2	2259	100990	9968	6180
16:09	MP52429-MB1	2284	102110	10106	6247
16:13	MP52429-B1	2250	99951	9979	5942
16:18	MP52429-S1	2213	98649	10139	5655
16:23	MP52429-S2	2207	98855	10110	5641
16:27	JE4718-1F	2199	99591	10081	5745
16:32	MP52429-SD1	2244	100950	9971	6047
16:37	ZZZZZZ	2285	101520	10232	6071
16:42	ZZZZZZ	2270	999999 !a	10115	6066
16:47	ZZZZZZ	2250	100470	10134	5983
16:52	MA57795-CCV2	2253	98938	9991	5883
16:56	MA57795-CCB3	2314	102770	10099	6318
17:01	ZZZZZZ	2288	102940	10218	6070
17:06	ZZZZZZ	2161	98436	10001	6127
17:11	ZZZZZZ	2231	100070	9985	6188
17:16	ZZZZZZ	2246	100710	10104	5845
17:21	ZZZZZZ	2247	100860	10118	5857
17:27	ZZZZZZ	2246	100160	10077	5848
17:32	ZZZZZZ	2235	100450	10093	5816

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57795
Parameters: Ba,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
17:37	ZZZZZZ	2231	99824	10084	5800
17:42	ZZZZZZ	2238	99929	10133	5815
17:47	ZZZZZZ	2233	99393	10075	5792
17:52	MA57795-CCV3	2268	99336	10060	5912
17:56	MA57795-CCB4	2304	101080	10057	6281
18:01	ZZZZZZ	2224	99656	10096	5806
18:06	ZZZZZZ	2232	99537	10154	5821
18:11	ZZZZZZ	2237	99954	10176	5817
18:16	ZZZZZZ	2233	99080	10195	5801
18:21	ZZZZZZ	2237	99455	10151	5811
18:26	ZZZZZZ	2261	100390	10214	5852
18:31	MP52431-B1	2321	100780	10214	6096
18:37	MP52431-MB1	2341	102400	10220	6378
18:42	ZZZZZZ	2295	100590	10359	5799
18:47	ZZZZZZ	2285	100030	10347	5776
18:51	MA57795-CCV4	2278	98970	10042	5952
18:56	MA57795-CCB5	2322	101520	10083	6332
19:01	ZZZZZZ	2258	100740	10222	5847
19:06	ZZZZZZ	2303	101240	10192	6157
19:11	JE4739-1	2340	102460	10159	6348
19:15	ZZZZZZ	2343	102310	10199	6355
19:20	ZZZZZZ	2354	102760	10257	6393
19:25	ZZZZZZ	2295	100530	10104	6084
19:30	MP52374-S1	2385	104330	10682	6228
19:35	MP52374-S2	2380	104020	10682	6203
19:40	JE4559-4	2385	103750	10569	6291
19:44	MP52374-SD1	No results reported for the elements associated with this internal standard.			
19:49	MA57795-CCV5	2286	98343	9916	5973
19:54	MA57795-CCB6	2327	100800	9994	6349
19:59	MP52374-PS1	2345	102120	10366	6132
20:04	MP52374-S3	2321	100920	10331	6155
20:08	MP52374-S4	2307	100510	10251	6117
20:13	JE4559-7	2348	101600	10204	6272

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57795
Parameters: Ba,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
20:18	MP52374-SD2	No results reported for the elements associated with this internal standard.			
20:23	MP52374-PS2	2312	100020	10031	6158
20:28	ZZZZZZ	3006 !	129500	13211 !	6084
20:33	MP52374-S1	No results reported for the elements associated with this internal standard.			
20:37	MP52374-S2	No results reported for the elements associated with this internal standard.			
20:42	JE4559-4	No results reported for the elements associated with this internal standard.			
20:47	MA57795-CCV6	2316	99784	10134	6033
20:51	MA57795-CCB7	2350	101450	10134	6406
20:56	MP52374-SD1	No results reported for the elements associated with this internal standard.			
21:01	MP52374-S3	No results reported for the elements associated with this internal standard.			
21:06	MP52374-S4	No results reported for the elements associated with this internal standard.			
21:10	JE4559-7	No results reported for the elements associated with this internal standard.			
21:15	MP52374-SD2	No results reported for the elements associated with this internal standard.			
21:20	ZZZZZZ	2682	115240	11953	6153
21:25	ZZZZZZ	2335	101120	10237	6401
21:30	ZZZZZZ	2368	101410	10200	6422
21:35	ZZZZZZ	2339	100070	10225	6393
21:40	ZZZZZZ	2374	100670	10262	6458
21:45	MA57795-CCV7	2322	96069	10286	6068
21:49	MA57795-CCB8	2369	101380	10272	6446
21:54	MP52394-S1	2375	101860	10581	6195
21:59	MP52394-S2	2393	102000	10667	6241
22:03	JE4646-1	2361	100780	10534	6213
22:08	MP52394-SD1	2385	101130	10472	6384
22:13	JE4646-2	2388	100970	10557	6361
22:18	ZZZZZZ	2370	100850	10430	6411
22:23	ZZZZZZ	2294	98436	10293	6285
22:27	ZZZZZZ	2371	100570	10521	6315
22:32	ZZZZZZ	2315	98807	10457	6459
22:37	ZZZZZZ	2320	99590	10534	6491
22:42	MA57795-CCV8	2327	98141	10335	6070
22:47	MA57795-CCB9	2372	100370	10450	6440
22:52	ZZZZZZ	2403	101390	10547	6418

INTERNAL STANDARD SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
Analyst: MM Run ID: MA57795
Parameters: Ba,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
22:56	MP52400-PS1	2053	91802	10075	5721
23:01	ZZZZZZ	2344	99596	10598	5961
23:06	ZZZZZZ	No results reported for the elements associated with this internal standard.			
23:11	ZZZZZZ	2355	100560	10608	6215
23:16	ZZZZZZ	No results reported for the elements associated with this internal standard.			
23:21	ZZZZZZ	2212	95184	10401	5462
23:26	ZZZZZZ	2209	95104	10225	5601
23:31	ZZZZZZ	2365	99395	10333	6425
23:36	ZZZZZZ	2372	100650	10376	6444
23:41	MA57795-CCV9	2304	96292	10118	6022
23:46	MA57795-CCB10	2388	101090	10443	6493

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	70-130 %
Istd#2	Yttrium (3600)	70-130 %
Istd#3	Yttrium (3710)	70-130 %
Istd#4	Indium	70-130 %

(a) No samples reported for the elements associated with this internal standard.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57795 Units: ug/l

Time: / Sample ID:			15:01 ICB1		15:20 CCB1		15:59 CCB2		16:56 CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	9.2								
Antimony	6.0	2.8								
Arsenic	3.0	2.6	anr							
Barium	200	.2	0.300	<200	0.300	<200	0.500	<200	0.300	<200
Beryllium	1.0	.2	anr							
Bismuth	20	2.5								
Boron	100	1.8								
Cadmium	3.0	.4	anr							
Calcium	5000	13								
Cerium	100									
Chromium	10	.7	anr							
Cobalt	50	.6								
Copper	10	.7	anr							
Iron	100	3.3	anr							
Lead	3.0	2	anr							
Lithium	50	1.5								
Magnesium	5000	25								
Manganese	15	.1	anr							
Molybdenum	20	.6								
Nickel	10	.8	anr							
Phosphorus	50	7								
Potassium	10000	35								
Selenium	10	3.6	anr							
Silicon	200	2.2								
Silver	10	.6	anr							
Sodium	10000	14								
Strontium	10	.1								
Sulfur	50	3.7								
Thallium	10	5.2								
Tin	10	1.4								
Titanium	10	.8								
Tungsten	50	1.3								
Vanadium	50	.5								

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57795 Units: ug/l

Time: / Sample ID:			15:01 ICB1		15:20 CCB1		15:59 CCB2		16:56 CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.3	0.300	<20	0.600	<20	0.500	<20	0.500	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

8.5.3
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BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57795 Units: ug/l

Time: / Sample ID:			17:56 CCB4		18:56 CCB5		19:54 CCB6		20:51 CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	9.2								
Antimony	6.0	2.8								
Arsenic	3.0	2.6	anr							
Barium	200	.2	0.00	<200	0.200	<200	0.200	<200	0.100	<200
Beryllium	1.0	.2	anr							
Bismuth	20	2.5								
Boron	100	1.8								
Cadmium	3.0	.4	anr							
Calcium	5000	13								
Cerium	100									
Chromium	10	.7	anr							
Cobalt	50	.6								
Copper	10	.7	anr							
Iron	100	3.3	anr							
Lead	3.0	2	anr							
Lithium	50	1.5								
Magnesium	5000	25								
Manganese	15	.1	anr							
Molybdenum	20	.6								
Nickel	10	.8	anr							
Phosphorus	50	7								
Potassium	10000	35								
Selenium	10	3.6	anr							
Silicon	200	2.2								
Silver	10	.6	anr							
Sodium	10000	14								
Strontium	10	.1								
Sulfur	50	3.7								
Thallium	10	5.2								
Tin	10	1.4								
Titanium	10	.8								
Tungsten	50	1.3								
Vanadium	50	.5								

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57795 Units: ug/l

Time: / Sample ID:			17:56 CCB4		18:56 CCB5		19:54 CCB6		20:51 CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.3	0.600	<20	0.600	<20	0.300	<20	0.600	<20
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

8.5.3
8

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57795 Units: ug/l

Time: / Sample ID:			21:49 CCB8		22:47 CCB9	
Metal	RL	IDL	raw	final	raw	final
Aluminum	200	9.2				
Antimony	6.0	2.8				
Arsenic	3.0	2.6	anr			
Barium	200	.2	0.00	<200	0.200	<200
Beryllium	1.0	.2	anr			
Bismuth	20	2.5				
Boron	100	1.8				
Cadmium	3.0	.4	anr			
Calcium	5000	13				
Cerium	100					
Chromium	10	.7	anr			
Cobalt	50	.6				
Copper	10	.7	anr			
Iron	100	3.3	anr			
Lead	3.0	2	anr			
Lithium	50	1.5				
Magnesium	5000	25				
Manganese	15	.1	anr			
Molybdenum	20	.6				
Nickel	10	.8	anr			
Phosphorus	50	7				
Potassium	10000	35				
Selenium	10	3.6	anr			
Silicon	200	2.2				
Silver	10	.6	anr			
Sodium	10000	14				
Strontium	10	.1				
Sulfur	50	3.7				
Thallium	10	5.2				
Tin	10	1.4				
Titanium	10	.8				
Tungsten	50	1.3				
Vanadium	50	.5				

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA57795 Units: ug/l

Time:			21:49		22:47	
Sample ID:			CCB8		CCB9	
Metal	RL	IDL	raw	final	raw	final
Zinc	20	.3	0.600	<20	0.600	<20
Zirconium	10	.5				

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: to % Recovery Run ID: MA57795 Units: ug/l

Time:		15:14	
Sample ID:	ICCV	ICCV2	
Metal	True	Results	% Rec
Aluminum			
Antimony			
Arsenic	anr		
Barium	2000	1960	98.0
Beryllium	anr		
Bismuth			
Boron			
Cadmium	anr		
Calcium			
Cerium			
Chromium	anr		
Cobalt			
Copper	anr		
Iron	anr		
Lead	anr		
Lithium			
Magnesium			
Manganese	anr		
Molybdenum			
Nickel	anr		
Phosphorus			
Potassium			
Selenium	anr		
Silicon			
Silver	anr		
Sodium			
Strontium			
Sulfur			
Thallium			
Tin			
Titanium			
Tungsten			
Vanadium			

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: to % Recovery Run ID: MA57795 Units: ug/l

Time:		15:14	
Sample ID:	ICCV	ICCV2	
Metal	True	Results	% Rec
Zinc	2000	2010	100.5
Zirconium			

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57795 Units: ug/l

Time:		14:55			15:54			16:52	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony									
Arsenic	anr								
Barium	2000	2030	101.5	2000	1950	97.5	2000	1970	98.5
Beryllium	anr								
Bismuth									
Boron									
Cadmium	anr								
Calcium									
Cerium									
Chromium	anr								
Cobalt									
Copper	anr								
Iron	anr								
Lead	anr								
Lithium									
Magnesium									
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium									
Selenium	anr								
Silicon									
Silver	anr								
Sodium									
Strontium									
Sulfur									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium									

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57795 Units: ug/l

Time:		14:55			15:54			16:52	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	2000	1960	98.0	2000	2030	101.5	2000	2060	103.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57795 Units: ug/l

Time:		17:52			18:51			19:49	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony									
Arsenic	anr								
Barium	2000	1940	97.0	2000	1940	97.0	2000	1950	97.5
Beryllium	anr								
Bismuth									
Boron									
Cadmium	anr								
Calcium									
Cerium									
Chromium	anr								
Cobalt									
Copper	anr								
Iron	anr								
Lead	anr								
Lithium									
Magnesium									
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium									
Selenium	anr								
Silicon									
Silver	anr								
Sodium									
Strontium									
Sulfur									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium									

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57795 Units: ug/l

Time:		17:52			18:51			19:49	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	2000	2030	101.5	2000	2070	103.5	2000	2090	104.5
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57795 Units: ug/l

Time:		20:47			21:45			22:42	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony									
Arsenic	anr								
Barium	2000	1910	95.5	2000	1880	94.0	2000	1870	93.5
Beryllium	anr								
Bismuth									
Boron									
Cadmium	anr								
Calcium									
Cerium									
Chromium	anr								
Cobalt									
Copper	anr								
Iron	anr								
Lead	anr								
Lithium									
Magnesium									
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium									
Selenium	anr								
Silicon									
Silver	anr								
Sodium									
Strontium									
Sulfur									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium									

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA57795 Units: ug/l

Time:		20:47			21:45			22:42	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	2000	2070	103.5	2000	2080	104.0	2000	2100	105.0
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA57795 Units: ug/l

Time:		15:44			15:49	
Sample ID:	HSTD	HSTD1		HSTD	HSTD2	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum						
Antimony						
Arsenic	anr					
Barium	8000	7880	98.5			
Beryllium	anr					
Bismuth						
Boron						
Cadmium	anr					
Calcium						
Cerium						
Chromium	anr					
Cobalt						
Copper	anr					
Iron						
Lead	anr					
Lithium						
Magnesium						
Manganese	anr					
Molybdenum						
Nickel	anr					
Phosphorus						
Potassium						
Selenium	anr					
Silicon						
Silver	anr					
Sodium						
Strontium						
Sulfur						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						

HIGH STANDARD CHECK SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA57795 Units: ug/l

Time:		15:44			15:49	
Sample ID:	HSTD	HSTD1		HSTD	HSTD2	
Metal	True	Results	% Rec	True	Results	% Rec
Zinc	8000	8110	101.4			
Zirconium						

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: CRI 80-120% CRIA 80-120% Run ID: MA57795 Units: ug/l

Time:				15:24		15:29	
Sample ID:	CRI	CRIA	CRID	CRI1		CRID1	
Metal	True	True	True	Results	% Rec	Results	% Rec
Aluminum	200	500	100				
Antimony	6.0	20	3.0				
Arsenic	8.0	20	3.0	anr			
Barium	200		4.0	199	99.5	4.30	107.5
Beryllium	2.0		1.0	anr			
Bismuth	20						
Boron	100		10				
Cadmium	3.0		1.0	anr			
Calcium	5000	2000	1000				
Cerium							
Chromium	10		2.0	anr			
Cobalt	50		3.0				
Copper	10		2.0	anr			
Iron	100	500		anr			
Lead	3.0	20	2.5	anr			
Lithium	50						
Magnesium	5000	2000	100				
Manganese	15		3.0	anr			
Molybdenum	20						
Nickel	10		4.0	anr			
Phosphorus	50						
Potassium	5000		2000				
Selenium	10	20	5.0	anr			
Silicon	200						
Silver	5.0		2.0	anr			
Sodium	5000		1000				
Strontium	10						
Sulfur	50						
Thallium	10		2.0				
Tin	10						
Titanium	10						
Tungsten	50						
Vanadium	50		2.0				

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: CRI 80-120% CRIA 80-120% Run ID: MA57795 Units: ug/l

Time:				15:24		15:29	
Sample ID:	CRI	CRIA	CRID	CRI1		CRID1	
Metal	True	True	True	Results	% Rec	Results	% Rec
Zinc	20		10	21.9	109.5	10.9	109.0
Zirconium	10						

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 80 to 120 % Recovery Run ID: MA57795 Units: ug/l

Time:			15:34		15:39	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	490000	98.0	500000	100.0
Antimony		1000	-1.50		1100	110.0
Arsenic		1000	-1.70		976	97.6
Barium		500	1.10		480	96.0
Beryllium		500	0.00		478	95.6
Bismuth		500	-9.90		516	103.2
Boron		500	-0.900		493	98.6
Cadmium		1000	0.200		1010	101.0
Calcium	400000	400000	384000	96.0	376000	94.0
Cerium			56.4		49.9	
Chromium		500	-0.100		461	92.2
Cobalt		500	-0.400		479	95.8
Copper		500	5.50		513	102.6
Iron	200000	200000	194000	97.0	190000	95.0
Lead		1000	2.40		944	94.4
Lithium		500	2.10		527	105.4
Magnesium	500000	500000	494000	98.8	471000	94.2
Manganese		500	10.3		516	103.2
Molybdenum		500	0.700		494	98.8
Nickel		1000	1.20		964	96.4
Phosphorus		500	19.0		504	100.8
Potassium			-38.2		-61.4	
Selenium		1000	-1.00		1010	101.0
Silicon		500	46.5		556	111.2
Silver		1000	-4.50		1050	105.0
Sodium			28.3		54.0	
Strontium		500	1.20		480	96.0
Sulfur		500	-4.00		533	106.6
Thallium		1000	2.50		944	94.4
Tin		500	3.10		486	97.2
Titanium		500	0.00		500	100.0
Tungsten		500	8.60		498	99.6
Vanadium		500	-6.20		479	95.8

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

File ID: SF012925M2.ICP Date Analyzed: 01/29/25 Methods: EPA 200.7, SW846 6010D
QC Limits: 80 to 120 % Recovery Run ID: MA57795 Units: ug/l

Time:			15:34		15:39	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Zinc		1000	6.00		930	93.0
Zirconium		500	6.40		486	97.2

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52380
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/25/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	27	150	22.0	<200
Antimony	6.0	2.2	4.7	0.0	<6.0
Arsenic	3.0	1.3	2.8	-0.40	<3.0
Barium	200	1	13	-0.90	<200
Beryllium	1.0	.2	.5	-0.10	<1.0
Bismuth	20	2.1	8.6		
Boron	100	1	10		
Cadmium	3.0	.2	1	0.20	<3.0
Calcium	5000	7.7	99	17.0	<5000
Cerium	100				
Chromium	10	.5	2	-0.20	<10
Cobalt	50	.4	2.6	0.10	<50
Copper	10	6.8	5.9	-0.60	<10
Iron	100	15	32	11.9	<100
Lead	3.0	1.6	1.8	-0.50	<3.0
Magnesium	5000	54	140	8.5	<5000
Manganese	15	.1	1.4	0.20	<15
Molybdenum	20	.5	3.6		
Nickel	10	.3	1.7	0.40	<10
Phosphorus	50	1.8	18		
Potassium	10000	77	200	-170	<10000
Selenium	10	2	4.9	-0.60	<10
Silicon	200	1.3	32		
Silver	10	.9	6.1	0.30	<10
Sodium	10000	23	570	80.4	<10000
Strontium	10	.4	2.7		
Sulfur	50	4.1	45		
Thallium	10	1.6	1.8	0.30	<10
Tin	10	.9	3.7		
Titanium	10	.9	2.5		
Tungsten	50	2	40		
Vanadium	50	.8	1.8	0.80	<50
Zinc	20	.2	6.9	0.90	<20

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52380
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/25/25

Metal	RL	IDL	MDL	MB raw	final
Zirconium	10	.5	4.1		

Associated samples MP52380: JE4646-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52380
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/25/25

Metal	JE4629-2 Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	520	24900	25000	97.5	75-125
Antimony	2.4	1860	2000	92.9	75-125
Arsenic	0.0	1800	2000	90.0	75-125
Barium	36.1	1970	2000	96.7	75-125
Beryllium	0.0	1880	2000	94.0	75-125
Bismuth					
Boron					
Cadmium	0.0	1850	2000	92.5	75-125
Calcium	6340	30000	25000	94.6	75-125
Cerium					
Chromium	0.70	1770	2000	88.5	75-125
Cobalt	0.0	1960	2000	98.0	75-125
Copper	0.0	1990	2000	99.5	75-125
Iron	408	24100	25000	94.8	75-125
Lead	0.0	1950	2000	97.5	75-125
Lithium					
Magnesium	1630	25500	25000	95.5	75-125
Manganese	6.8	1900	2000	94.7	75-125
Molybdenum					
Nickel	0.80	1950	2000	97.5	75-125
Phosphorus					
Potassium	2220	27100	25000	99.5	75-125
Selenium	0.0	1870	2000	93.5	75-125
Silicon					
Silver	0.0	232	250	92.8	75-125
Sodium	21600	45700	25000	96.4	75-125
Strontium					
Sulfur					
Thallium	0.0	1760	2000	88.0	75-125
Tin					
Titanium					
Tungsten					
Vanadium	1.3	1810	2000	90.4	75-125

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52380
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/25/25

Metal	JE4629-2 Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Zinc	20.9	1910	2000	94.5	75-125
Zirconium					

Associated samples MP52380: JE4646-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52380
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/25/25

Metal	JE4629-2 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum	520	24900	25000	97.5	0.0	20
Antimony	2.4	1860	2000	92.9	0.0	20
Arsenic	0.0	1800	2000	90.0	0.0	20
Barium	36.1	1960	2000	96.2	0.5	20
Beryllium	0.0	1870	2000	93.5	0.5	20
Bismuth						
Boron						
Cadmium	0.0	1850	2000	92.5	0.0	20
Calcium	6340	29900	25000	94.2	0.3	20
Cerium						
Chromium	0.70	1760	2000	88.0	0.6	20
Cobalt	0.0	1960	2000	98.0	0.0	20
Copper	0.0	1980	2000	99.0	0.5	20
Iron	408	24100	25000	94.8	0.0	20
Lead	0.0	1950	2000	97.5	0.0	20
Lithium						
Magnesium	1630	25500	25000	95.5	0.0	20
Manganese	6.8	1860	2000	92.7	2.1	20
Molybdenum						
Nickel	0.80	1960	2000	98.0	0.5	20
Phosphorus						
Potassium	2220	27100	25000	99.5	0.0	20
Selenium	0.0	1880	2000	94.0	0.5	20
Silicon						
Silver	0.0	231	250	92.4	0.4	20
Sodium	21600	45500	25000	95.6	0.4	20
Strontium						
Sulfur						
Thallium	0.0	1770	2000	88.5	0.6	20
Tin						
Titanium						
Tungsten						
Vanadium	1.3	1810	2000	90.4	0.0	20

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52380 Methods: SW846 6010D
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/25/25

Metal	JE4629-2 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Zinc	20.9	1910	2000	94.5	0.0	20
Zirconium						

Associated samples MP52380: JE4646-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52380
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/25/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	25700	25000	102.8	80-120
Antimony	2020	2000	101.0	80-120
Arsenic	1950	2000	97.5	80-120
Barium	2080	2000	104.0	80-120
Beryllium	2020	2000	101.0	80-120
Bismuth				
Boron				
Cadmium	2020	2000	101.0	80-120
Calcium	25300	25000	101.2	80-120
Cerium				
Chromium	1880	2000	94.0	80-120
Cobalt	2140	2000	107.0	80-120
Copper	2140	2000	107.0	80-120
Iron	25500	25000	102.0	80-120
Lead	2130	2000	106.5	80-120
Lithium				
Magnesium	25700	25000	102.8	80-120
Manganese	2010	2000	100.5	80-120
Molybdenum				
Nickel	2130	2000	106.5	80-120
Phosphorus				
Potassium	26500	25000	106.0	80-120
Selenium	2040	2000	102.0	80-120
Silicon				
Silver	245	250	98.0	80-120
Sodium	26100	25000	104.4	80-120
Strontium				
Sulfur				
Thallium	1930	2000	96.5	80-120
Tin				
Titanium				
Tungsten				
Vanadium	1940	2000	97.0	80-120

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52380
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/25/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zinc	2060	2000	103.0	80-120
Zirconium				

Associated samples MP52380: JE4646-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52380
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/25/25

Metal	JE4629-2 Original	SDL 1:5	%DIF	QC Limits
Aluminum	520	685	31.9 (a)	0-10
Antimony	2.40	0.00	100.0(a)	0-10
Arsenic	0.00	0.00	NC	0-10
Barium	36.1	24.6	31.9 (a)	0-10
Beryllium	0.00	0.00	NC	0-10
Bismuth				
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium	6340	6310	0.5	0-10
Cerium				
Chromium	0.700	0.00	100.0(a)	0-10
Cobalt	0.00	0.00	NC	0-10
Copper	0.00	0.00	NC	0-10
Iron	408	424	3.8	0-10
Lead	0.00	0.00	NC	0-10
Lithium				
Magnesium	1630	1600	1.8	0-10
Manganese	6.80	6.70	1.5	0-10
Molybdenum				
Nickel	0.800	0.00	100.0(a)	0-10
Phosphorus				
Potassium	2220	1310	41.0 (a)	0-10
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium	21600	21700	0.4	0-10
Strontium				
Sulfur				
Thallium	0.00	10.0	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	1.30	4.60	253.8(a)	0-10

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52380
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/25/25

Metal	JE4629-2 Original	SDL 1:5	%DIF	QC Limits
Zinc	20.9	19.2	8.1	0-10
Zirconium				

Associated samples MP52380: JE4646-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52394
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 01/25/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	1.7	8.1	0.85	<50
Antimony	2.0	.17	.41	0.020	<2.0
Arsenic	2.0	.21	.28	-0.14	<2.0
Barium	20	.08	1.9	0.070	<20
Beryllium	0.20	.03	.08	0.010	<0.20
Bismuth	2.0	.23	.52		
Boron	10	.23	3.7		
Cadmium	0.50	.03	.07	0.020	<0.50
Calcium	500	.66	21	4.2	<500
Chromium	1.0	.03	.37	0.050	<1.0
Cobalt	5.0	.04	.28	0.020	<5.0
Copper	2.5	.08	.84	0.10	<2.5
Iron	50	.53	19	3.5	<50
Lead	2.0	.11	.41	0.090	<2.0
Lithium	5.0	.48	.92		
Magnesium	500	3.2	14	1.6	<500
Manganese	1.5	.01	.41	0.030	<1.5
Molybdenum	2.0	.06	.32		
Nickel	4.0	.04	.35	0.020	<4.0
Phosphorus	20	.12	3.3		
Potassium	1000	7.7	32	-0.050	<1000
Selenium	2.0	.32	.65	-0.020	<2.0
Silicon	20	.17	11		
Silver	0.50	.1	.17	0.010	<0.50
Sodium	1000	3.4	78	6.5	<1000
Strontium	5.0	.03	.18		
Sulfur	10	.3	3.9		
Thallium	1.0	.18	.58	-0.11	<1.0
Tin	20	.08	3.8		
Titanium	1.0	.05	.34		
Tungsten	5.0	.26	1.8		
Vanadium	5.0	.06	.19	0.0	<5.0
Zinc	5.0	.01	2.3	0.93	<5.0

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52394 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 01/25/25

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.03	.54		

Associated samples MP52394: JE4646-1, JE4646-2, JE4646-3, JE4646-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52394
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 01/25/25

Metal	JE4646-1 Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	8160	18300	7180	129.6N(a	75-125
Antimony	2.1	454	575	78.7	75-125
Arsenic	63.9	609	575	93.4	75-125
Barium	1030	1450	575	73.1N(a)	75-125
Beryllium	0.48	541	575	94.1	75-125
Bismuth					
Boron					
Cadmium	4.3	554	575	95.6	75-125
Calcium	44900	38000	7180	-96.1(b)	75-125
Chromium	156	746	575	99.9	75-125
Cobalt	11.8	564	575	96.1	75-125
Copper	328	890	575	97.8	75-125
Iron	24100	35400	7180	104.4	75-125
Lead	1180	1980	575	100.9	75-125
Lithium					
Magnesium	13700	19500	7180	80.8	75-125
Manganese	233	778	575	94.9	75-125
Molybdenum					
Nickel	57.0	600	575	94.5	75-125
Phosphorus					
Potassium	922	8430	7180	104.5	75-125
Selenium	1.7	554	575	96.1	75-125
Silicon					
Silver	0.0	73.4	71.8	99.4	75-125
Sodium	567	7870	7180	101.7	75-125
Strontium					
Sulfur					
Thallium	0.0	477	575	83.0	75-125
Tin					
Titanium					
Tungsten					
Vanadium	54.9	593	575	93.7	75-125
Zinc	2270	2970	575	121.8	75-125

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52394 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 01/25/25

Metal	JE4646-1 Original MS	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP52394: JE4646-1, JE4646-2, JE4646-3, JE4646-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52394
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 01/25/25

Metal	JE4646-1 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum	8160	16100	7020	101.3	12.8	20
Antimony	2.1	438	562	77.6	3.6	20
Arsenic	63.9	550	562	85.0	10.2	20
Barium	1030	1320	562	51.6N(a)	9.4	20
Beryllium	0.48	504	562	89.6	7.1	20
Bismuth						
Boron						
Cadmium	4.3	515	562	90.8	7.3	20
Calcium	44900	30600	7020	-203.6(b	21.6 (c)	20
Chromium	156	658	562	86.5	12.5	20
Cobalt	11.8	528	562	91.9	6.6	20
Copper	328	787	562	81.7	12.3	20
Iron	24100	31000	7020	44.1N(a)	13.3	20
Lead	1180	1830	562	76.5	7.9	20
Lithium						
Magnesium	13700	16700	7020	42.7N(a)	15.5	20
Manganese	233	714	562	85.6	8.6	20
Molybdenum						
Nickel	57.0	557	562	89.0	7.4	20
Phosphorus						
Potassium	922	7760	7020	97.4	8.3	20
Selenium	1.7	512	562	90.8	7.9	20
Silicon						
Silver	0.0	68.2	70.2	94.3	7.3	20
Sodium	567	7230	7020	94.9	8.5	20
Strontium						
Sulfur						
Thallium	0.0	446	562	79.4	6.7	20
Tin						
Titanium						
Tungsten						
Vanadium	54.9	548	562	87.8	7.9	20
Zinc	2270	2700	562	76.5	9.5	20

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52394 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 01/25/25

Metal	JE4646-1 Original MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Zirconium					

Associated samples MP52394: JE4646-1, JE4646-2, JE4646-3, JE4646-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(c) High rpd due to possible sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52394
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 01/25/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	2410	2500	96.4	80-120
Antimony	193	200	96.5	80-120
Arsenic	187	200	93.5	80-120
Barium	187	200	93.5	80-120
Beryllium	192	200	96.0	80-120
Bismuth				
Boron				
Cadmium	190	200	95.0	80-120
Calcium	2450	2500	98.0	80-120
Chromium	189	200	94.5	80-120
Cobalt	190	200	95.0	80-120
Copper	183	200	91.5	80-120
Iron	2440	2500	97.6	80-120
Lead	190	200	95.0	80-120
Lithium				
Magnesium	2470	2500	98.8	80-120
Manganese	194	200	97.0	80-120
Molybdenum				
Nickel	189	200	94.5	80-120
Phosphorus				
Potassium	2400	2500	96.0	80-120
Selenium	189	200	94.5	80-120
Silicon				
Silver	24.6	25	98.4	80-120
Sodium	2430	2500	97.2	80-120
Strontium				
Sulfur				
Thallium	170	200	85.0	80-120
Tin				
Titanium				
Tungsten				
Vanadium	185	200	92.5	80-120
Zinc	190	200	95.0	80-120

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52394
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 01/25/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP52394: JE4646-1, JE4646-2, JE4646-3, JE4646-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52394
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/25/25

Metal	JE4646-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	28600	29100	7.9	0-10
Antimony	7.50	0.00	100.0(a)	0-10
Arsenic	224	220	13.9*(b)	0-10
Barium	3630	3270	9.9	0-10
Beryllium	1.70	1.70	0.0	0-10
Bismuth				
Boron				
Cadmium	15.1	16.0	2.4	0-10
Calcium	158000	145000	8.1	0-10
Chromium	547	556	7.7	0-10
Cobalt	41.5	38.8	6.5	0-10
Copper	1150	993	13.8*(b)	0-10
Iron	84800	88700	9.3	0-10
Lead	4150	4500	8.3	0-10
Lithium				
Magnesium	48000	44600	6.9	0-10
Manganese	818	751	8.2	0-10
Molybdenum				
Nickel	200	186	6.8	0-10
Phosphorus				
Potassium	3240	2660	17.8 (a)	0-10
Selenium	6.00	0.00	100.0(a)	0-10
Silicon				
Silver	0.00	6.70	2.9	0-10
Sodium	1990	1890	4.9	0-10
Strontium				
Sulfur				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	193	175	9.3	0-10
Zinc	7980	8040	0.8	0-10

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52394 Methods: SW846 6010D
Matrix Type: SOLID Units: ug/l

Prep Date: 01/25/25

	JE4646-1		QC
Metal	Original SDL 1:5	%DIF	Limits
Zirconium			

Associated samples MP52394: JE4646-1, JE4646-2, JE4646-3, JE4646-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52401 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/27/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.20	.04	.095	0.0047	<0.20

Associated samples MP52401: JE4646-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52401 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/27/25

Metal	JE4604-1 Original	MS	Spikelot HGPW3	% Rec	QC Limits
Mercury	0.0	2.1	2	105.0	75-125

Associated samples MP52401: JE4646-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52401 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/27/25

Metal	JE4604-1 Original	MSD	Spikelot HGPW3	% Rec	MSD RPD	QC Limit
Mercury	0.0	2.2	2	110.0	4.7	20

Associated samples MP52401: JE4646-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52401
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 01/27/25

Metal	BSP Result	Spikelot HGPW3	% Rec	QC Limits
Mercury	2.1	2	105.0	80-120

Associated samples MP52401: JE4646-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52404 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 01/27/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.0066	.015	0.0038	<0.033

Associated samples MP52404: JE4646-1, JE4646-2, JE4646-3, JE4646-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52404 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 01/27/25

Metal	JE4646-1 Original	MS	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.80	2.5	1.26	135.1N(a	80-120

Associated samples MP52404: JE4646-1, JE4646-2, JE4646-3, JE4646-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52404 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 01/27/25

Metal	JE4646-1 Original	MSD	Spikelot HGPWS1	% Rec	MSD RPD	QC Limit
Mercury	0.80	2.0	1.27	94.3	22.2 (a)	20

Associated samples MP52404: JE4646-1, JE4646-2, JE4646-3, JE4646-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) High rpd due to possible sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52404
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/27/25

Metal	BSP Result	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.34	0.333	102.0	80-120

Associated samples MP52404: JE4646-1, JE4646-2, JE4646-3, JE4646-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

POST DIGESTATE SPIKE SUMMARY

Login Number: JE4646
Account: ENVTRAC - EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

QC Batch ID: MP52404
Matrix Type: SOLID

Methods: SW846 7471B
Units: ug/l

Prep Date: 01/27/25

Metal	Sample ml	Final ml	JE4646-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Mercury	49	50	1.3259	1.299382	3.4379	1	100	2000	107.0	85-115

Associated samples MP52404: JE4646-1, JE4646-2, JE4646-3, JE4646-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

Instrument Detection Limits

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Instrument ID: LEEMANHG9 **Effective Date:** 01/09/24

Analyte	IDL ug/l
Mercury	.0396

The above applies to the following instrument runs:
MA57767,MA57768

Instrument Detection Limits

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Instrument ID: SSTRACE3 **Effective Date:** 02/11/21

Analyte	IDL ug/l
Aluminum	16.6
Antimony	1.7
Arsenic	2.1
Barium	.8
Beryllium	.3
Bismuth	2.3
Boron	2.3
Cadmium	.3
Calcium	6.6
Chromium	.3
Cobalt	.4
Copper	.8
Iron	5.3
Lead	1.1
Lithium	4.8
Magnesium	32.3
Manganese	.1
Molybdenum	.6
Nickel	.4
Phosphorus	1.2
Potassium	76.5
Selenium	3.2
Silicon	1.7
Silver	1
Sodium	34.4
Sulfur	3
Strontium	.3
Thallium	1.8
Tin	.8
Titanium	.5
Tungsten	2.6
Vanadium	.6
Yttrium	5
Zinc	.1
Zirconium	.3

The above applies to the following instrument runs:
MA57770

Instrument Detection Limits

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Instrument ID: SSTRACE4 **Effective Date:** 02/11/21

Analyte	IDL ug/l
Aluminum	26.5
Antimony	2.2
Arsenic	1.3
Barium	1
Beryllium	.2
Bismuth	2.1
Boron	1
Cadmium	.2
Calcium	7.7
Chromium	.5
Cobalt	.4
Copper	6.8
Iron	14.6
Lead	1.6
Lithium	3.7
Magnesium	53.9
Manganese	.1
Molybdenum	.5
Nickel	.3
Phosphorus	1.8
Potassium	76.8
Selenium	2
Silicon	1.3
Silver	.9
Sodium	23.4
Sulfur	4.1
Strontium	.4
Thallium	1.6
Tin	.9
Titanium	.9
Tungsten	2
Vanadium	.8
Zinc	.2
Zirconium	.5

The above applies to the following instrument runs:
MA57769

Instrument Detection Limits

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Instrument ID: SSTRACE6 **Effective Date:** 02/11/21

Analyte	IDL ug/l
Aluminum	9.2
Antimony	2.8
Arsenic	2.6
Barium	.2
Beryllium	.2
Bismuth	2.5
Boron	1.8
Cadmium	.4
Calcium	13
Chromium	.7
Cobalt	.6
Copper	.7
Iron	3.3
Lead	2
Lithium	1.5
Magnesium	24.8
Manganese	.1
Molybdenum	.6
Nickel	.8
Phosphorus	7
Potassium	34.5
Selenium	3.6
Silicon	2.2
Silver	.6
Sodium	13.9
Sulfur	3.7
Strontium	.1
Thallium	5.2
Tin	1.4
Titanium	.8
Tungsten	1.3
Vanadium	.5
Zinc	.3
Zirconium	.5

The above applies to the following instrument runs:
MA57795

Instrument Linear Ranges

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Instrument ID: LEEMANHG9 **Effective Date:** 02/26/18

Analyte	Linear Range ug/l
Mercury	5

The above applies to the following instrument runs:
MA57767,MA57768

Instrument Linear Ranges

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Instrument ID: SSTRACE3 **Effective Date:** 08/22/19

Analyte	Linear Range ug/l
Aluminum	300000
Antimony	8000
Arsenic	8000
Barium	8000
Beryllium	8000
Bismuth	8000
Boron	8000
Cadmium	8000
Calcium	200000
Cerium	8000
Chromium	8000
Cobalt	8000
Copper	8000
Iron	200000
Lead	8000
Lithium	8000
Magnesium	300000
Manganese	8000
Molybdenum	8000
Nickel	8000
Palladium	8000
Phosphorus	8000
Potassium	200000
Selenium	8000
Silicon	25000
Silver	625
Sodium	200000
Sulfur	100000
Strontium	8000
Thallium	8000
Tin	8000
Titanium	8000
Tungsten	8000
Vanadium	8000
Zinc	8000
Zirconium	8000

The above applies to the following instrument runs:
MA57770

Instrument Linear Ranges

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Instrument ID: SSTRACE4 **Effective Date:** 08/22/19

Analyte	Linear Range ug/l
Aluminum	300000
Antimony	8000
Arsenic	8000
Barium	8000
Beryllium	8000
Bismuth	8000
Boron	8000
Cadmium	8000
Calcium	200000
Cerium	8000
Chromium	8000
Cobalt	8000
Copper	8000
Iron	200000
Lead	8000
Lithium	8000
Magnesium	300000
Manganese	8000
Molybdenum	8000
Nickel	8000
Palladium	8000
Phosphorus	8000
Potassium	200000
Selenium	8000
Silicon	25000
Silver	625
Sodium	200000
Sulfur	100000
Strontium	8000
Thallium	8000
Tin	8000
Titanium	8000
Tungsten	8000
Vanadium	8000
Zinc	8000
Zirconium	8000

The above applies to the following instrument runs:
MA57769

Instrument Linear Ranges

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Instrument ID: SSTRACE6 **Effective Date:** 08/22/19

Analyte	Linear Range ug/l
Aluminum	300000
Antimony	8000
Arsenic	8000
Barium	8000
Beryllium	8000
Bismuth	8000
Boron	8000
Cadmium	8000
Calcium	200000
Cerium	8000
Chromium	8000
Cobalt	8000
Copper	8000
Iron	200000
Lead	8000
Lithium	8000
Magnesium	300000
Manganese	8000
Molybdenum	8000
Nickel	8000
Palladium	8000
Phosphorus	8000
Potassium	200000
Selenium	8000
Silicon	25000
Silver	625
Sodium	200000
Sulfur	100000
Strontium	8000
Thallium	8000
Tin	8000
Titanium	8000
Tungsten	8000
Vanadium	8000
Zinc	8000
Zirconium	8000

The above applies to the following instrument runs:
MA57795

Metals Analysis

Raw Data

MA57767

Method: SGS Operator: Admin Date of Analysis: 27 Jan 2025 13:56:08

Sample ID	Date	Type	Units	Conc.	µ Abs.	Wt.	Vol.
STDA - 1	27 Jan 2025 14:41:16	S	ug/l	-	-127	1.000	1.000
STDB - 1	27 Jan 2025 14:42:41	S	ug/l	-	920	1.000	1.000
STDC - 1	27 Jan 2025 14:44:06	S	ug/l	-	2366	1.000	1.000
STDD - 1	27 Jan 2025 14:45:38	S	ug/l	-	4571	1.000	1.000
STDE - 1	27 Jan 2025 14:47:17	S	ug/l	-	11478	1.000	1.000
STDF - 1	27 Jan 2025 14:49:03	S	ug/l	-	22602	1.000	1.000
SAMPLECONF - 1	27 Jan 2025 15:01:16	U	ug/l	-0.0569	-239	1.000	1.000
ICV - 1	27 Jan 2025 15:02:56	C	ug/l	2.9968	13601	1.000	1.000
ICB - 1	27 Jan 2025 15:04:18	C	ug/l	-0.0743	-318	1.000	1.000
CCV - 1	27 Jan 2025 15:06:09	C	ug/l	2.6400	11984	1.000	1.000
CCB - 1	27 Jan 2025 15:07:32	C	ug/l	-0.0721	-308	1.000	1.000
CRI - 1	27 Jan 2025 15:09:21	C	ug/l	0.2044	945	1.000	1.000
CRI - 1	27 Jan 2025 15:10:43	C	ug/l	0.1516	706	1.000	1.000
MP52377-MB1 - 1	27 Jan 2025 15:12:11	U	ug/l	-0.0500	-208	1.000	1.000
MP52377-LB1 - 1	27 Jan 2025 15:13:39	U	ug/l	-0.0002	18	1.000	1.000
MP52377-B1 - 1	27 Jan 2025 15:15:01	U	ug/l	2.2245	10101	1.000	1.000
MP52377-LS1 - 1	27 Jan 2025 15:16:25	U	ug/l	2.2960	10425	1.000	1.000
MP52377-S1 - 1	27 Jan 2025 15:20:13	U	ug/l	2.3527	10682	1.000	1.000
MP52377-S2 - 1	27 Jan 2025 15:21:35	U	ug/l	2.2713	10313	1.000	1.000
JE4528-1 - 1	27 Jan 2025 15:23:24	U	ug/l	-0.0483	-200	1.000	1.000
JE4528-2 - 1	27 Jan 2025 15:25:12	U	ug/l	0.0111	69	1.000	1.000
CCV - 1	27 Jan 2025 15:26:36	C	ug/l	2.6579	12065	1.000	1.000
CCB - 1	27 Jan 2025 15:27:59	C	ug/l	-0.0580	-244	1.000	1.000
MP52401-MB1 - 1	27 Jan 2025 15:29:48	U	ug/l	0.0047	40	1.000	1.000
MP52401-B1 - 1	27 Jan 2025 15:31:11	U	ug/l	2.1023	9547	1.000	1.000
MP52401-S1 - 1	27 Jan 2025 15:32:35	U	ug/l	2.1230	9641	1.000	1.000
MP52401-S2 - 1	27 Jan 2025 15:34:25	U	ug/l	2.1669	9840	1.000	1.000
JE4604-1 - 1	27 Jan 2025 15:36:14	U	ug/l	-0.0436	-179	1.000	1.000
JE4604-2 - 1	27 Jan 2025 15:38:02	U	ug/l	-0.0041	0	1.000	1.000
JE4604-3 - 1	27 Jan 2025 15:39:25	U	ug/l	0.0376	189	1.000	1.000
JE4604-4 - 1	27 Jan 2025 15:40:48	U	ug/l	0.0155	89	1.000	1.000
CCV - 1	27 Jan 2025 15:42:12	C	ug/l	2.6150	11871	1.000	1.000
CCB - 1	27 Jan 2025 15:43:35	C	ug/l	-0.0597	-252	1.000	1.000
JE4604-5 - 1	27 Jan 2025 15:45:25	U	ug/l	0.1613	750	1.000	1.000
JE4604-6 - 1	27 Jan 2025 15:46:49	U	ug/l	-0.0461	-190	1.000	1.000
JE4604-1F - 1	27 Jan 2025 15:48:14	U	ug/l	-0.0008	15	1.000	1.000
JE4604-2F - 1	27 Jan 2025 15:49:36	U	ug/l	0.0040	37	1.000	1.000
JE4604-3F - 1	27 Jan 2025 15:50:59	U	ug/l	0.0331	169	1.000	1.000
JE4604-4F - 1	27 Jan 2025 15:52:23	U	ug/l	-0.0079	-17	1.000	1.000
JE4604-5F - 1	27 Jan 2025 15:53:48	U	ug/l	0.1593	741	1.000	1.000
JE4604-6F - 1	27 Jan 2025 15:55:12	U	ug/l	-0.0353	-141	1.000	1.000
CCV - 1	27 Jan 2025 15:56:38	C	ug/l	2.6804	12167	1.000	1.000
CCB - 1	27 Jan 2025 15:58:01	C	ug/l	-0.0611	-258	1.000	1.000
JE4646-6 - 1	27 Jan 2025 15:59:51	U	ug/l	-0.0072	-14	1.000	1.000
MP52402-MB1 - 1	27 Jan 2025 16:01:14	U	ug/l	0.0091	60	1.000	1.000
MP52402-LB1 - 1	27 Jan 2025 16:02:37	U	ug/l	0.0062	47	1.000	1.000
MP52402-B1 - 1	27 Jan 2025 16:04:00	U	ug/l	2.1349	9695	1.000	1.000
MP52402-LS1 - 1	27 Jan 2025 16:05:23	U	ug/l	2.1102	9583	1.000	1.000
MP52402-S1 - 1	27 Jan 2025 16:07:12	U	ug/l	2.1091	9578	1.000	1.000
MP52402-S2 - 1	27 Jan 2025 16:08:59	U	ug/l	2.1819	9908	1.000	1.000
JE4569-1 - 1	27 Jan 2025 16:10:46	U	ug/l	-0.0602	-254	1.000	1.000
CCV - 1	27 Jan 2025 16:12:33	C	ug/l	2.7126	12313	1.000	1.000

MA57767

Method: SGS Operator: Admin Date of Analysis: 27 Jan 2025 13:56:08

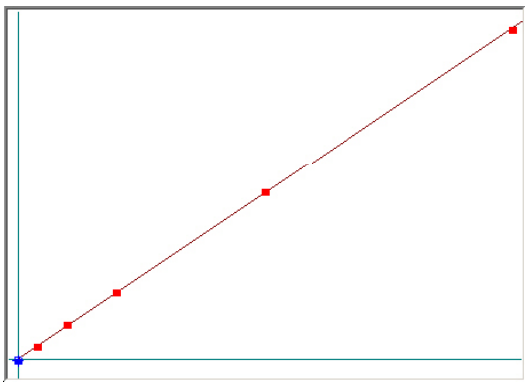
Sample ID	Date	Type	Units	Conc.	µ Abs.	Wt.	Vol.
CCB - 1	27 Jan 2025 16:13:56	C	ug/l	-0.0703	-300	1.000	1.000
JE4569-3 - 1	27 Jan 2025 16:15:46	U	ug/l	0.0027	31	1.000	1.000
JE4569-5 - 1	27 Jan 2025 16:17:09	U	ug/l	0.0040	37	1.000	1.000
JE4552-1A - 1	27 Jan 2025 16:18:32	U	ug/l	-0.0059	-8	1.000	1.000
JE4552-2A - 1	27 Jan 2025 16:19:56	U	ug/l	0.0100	64	1.000	1.000
JE4552-3 - 1	27 Jan 2025 16:21:20	U	ug/l	0.0023	29	1.000	1.000
JE4552-4A - 1	27 Jan 2025 16:22:47	U	ug/l	-0.0008	15	1.000	1.000
JE4552-5 - 1	27 Jan 2025 16:24:12	U	ug/l	0.0164	93	1.000	1.000
JE4546-1 - 1	27 Jan 2025 16:25:36	U	ug/l	-0.0030	5	1.000	1.000
CCV - 1	27 Jan 2025 16:27:00	C	ug/l	2.6230	11907	1.000	1.000
CCB - 1	27 Jan 2025 16:28:25	C	ug/l	-0.0688	-293	1.000	1.000
MP52403-MB1 - 1	27 Jan 2025 16:30:13	U	ug/l	0.0034	34	1.000	1.000
MP52403-LB1 - 1	27 Jan 2025 16:31:37	U	ug/l	-0.0004	17	1.000	1.000
MP52403-B1 - 1	27 Jan 2025 16:33:00	U	ug/l	2.0855	9471	1.000	1.000
MP52403-LS1 - 1	27 Jan 2025 16:34:23	U	ug/l	2.1343	9692	1.000	1.000
MP52403-S1 - 1	27 Jan 2025 16:36:15	U	ug/l	2.1182	9619	1.000	1.000
MP52403-S2 - 1	27 Jan 2025 16:38:03	U	ug/l	2.1894	9942	1.000	1.000
JE4615-1 - 1	27 Jan 2025 16:39:52	U	ug/l	-0.0648	-275	1.000	1.000
JE4649-10A - 1	27 Jan 2025 16:41:41	U	ug/l	-0.0066	-11	1.000	1.000
CCV - 1	27 Jan 2025 16:44:24	C	ug/l	2.6031	11817	1.000	1.000
CCB - 1	27 Jan 2025 16:45:55	C	ug/l	-0.0606	-256	1.000	1.000
JE4649-11A - 1	27 Jan 2025 16:47:41	U	ug/l	0.0023	29	1.000	1.000
JE4649-12A - 1	27 Jan 2025 16:49:05	U	ug/l	0.0027	31	1.000	1.000
JE4650-5A - 1	27 Jan 2025 16:50:30	U	ug/l	0.0150	87	1.000	1.000
JE4650-6A - 1	27 Jan 2025 16:51:52	U	ug/l	0.0184	102	1.000	1.000
JE4651-7A - 1	27 Jan 2025 16:53:16	U	ug/l	0.0038	36	1.000	1.000
JE4651-8A - 1	27 Jan 2025 16:54:42	U	ug/l	0.0109	68	1.000	1.000
CRI - 1	27 Jan 2025 16:56:07	C	ug/l	0.1993	922	1.000	1.000
CCV - 1	27 Jan 2025 16:57:29	C	ug/l	2.4886	11298	1.000	1.000
CCB - 1	27 Jan 2025 16:58:59	C	ug/l	-0.0686	-292	1.000	1.000

SGS

Linear

μ Abs.:

22602



A= 0.0000e+000

B= 2.2064e-004

C= -4.1465e-003

Rho= 0.9999328

Accept= Accepted

9.1.1

9

Max. Conc: 5.000 ug/

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
STDA	0.000	-0.032	-0.032	-127	0.000	-127				
STDB	0.200	0.199	-0.001	920	0.0 %	920				
STDC	0.500	0.518	0.018	2366	0.0 %	2366				
STDD	1.000	1.004	0.004	4571	0.0 %	4571				
STDE	2.500	2.528	0.028	11478	0.0 %	11478				
STDF	5.000	4.983	-0.017	22602	0.0 %	22602				

MA57768

Method: SGS Operator: Admin Date of Analysis: 27 Jan 2025 11:47:17

Sample ID	Date	Type	Units	Conc.	µ Abs.	Wt.	Vol.
STDA - 1	27 Jan 2025 12:06:50	S	ug/l	-	-1	1.000	1.000
STDB - 1	27 Jan 2025 12:08:14	S	ug/l	-	1783	1.000	1.000
STDC - 1	27 Jan 2025 12:09:38	S	ug/l	-	-267	1.000	1.000
STDD - 1	27 Jan 2025 12:11:11	S	ug/l	-	8274	1.000	1.000
STDE - 1	27 Jan 2025 12:12:35	S	ug/l	-	19982	1.000	1.000
STDF - 1	27 Jan 2025 12:14:21	S	ug/l	-	42981	1.000	1.000
STDA - 1	27 Jan 2025 12:16:39	S	ug/l	-	-375	1.000	1.000
STDC - 1	27 Jan 2025 12:18:25	S	ug/l	-	4183	1.000	1.000
SAMLECONF - 1	27 Jan 2025 12:21:23	U	ug/l	0.0347	-39	1.000	1.000
ICV - 1	27 Jan 2025 12:22:47	C	ug/l	3.1342	26524	1.000	1.000
ICB - 1	27 Jan 2025 12:24:09	C	ug/l	0.0064	-281	1.000	1.000
CCV - 1	27 Jan 2025 12:26:04	C	ug/l	2.5270	21320	1.000	1.000
CCB - 1	27 Jan 2025 12:27:27	C	ug/l	0.0038	-303	1.000	1.000
CRI - 1	27 Jan 2025 12:29:20	C	ug/l	0.2420	1738	1.000	1.000
MP52404-MB1 - 1	27 Jan 2025 12:30:41	U	ug/l	0.0230	-139	1.000	1.000
MP52404-B1 - 1	27 Jan 2025 12:32:14	U	ug/l	2.0555	17280	1.000	1.000
MP52404-S1 - 1	27 Jan 2025 12:34:57	U	ug/l	3.9341	33379	1.000	1.000
MP52404-S2 - 1	27 Jan 2025 12:37:48	U	ug/l	3.1856	26965	1.000	1.000
JE4646-1 - 1	27 Jan 2025 12:39:09	U	ug/l	1.3259	11027	1.000	1.000
JE4646-2 - 1	27 Jan 2025 12:41:10	U	ug/l	4.5786	38903	1.000	1.000
JE4646-3 - 1	27 Jan 2025 12:43:07	U	ug/l	3.1699	26830	1.000	1.000
JE4646-5 - 1	27 Jan 2025 12:45:15	U	ug/l	1.8195	15257	1.000	1.000
CCV - 1	27 Jan 2025 12:50:55	C	ug/l	2.4127	20341	1.000	1.000
CCB - 1	27 Jan 2025 12:52:46	C	ug/l	0.0118	-235	1.000	1.000
JE4649-10 - 1	27 Jan 2025 12:55:21	U	ug/l	1.1203	9265	1.000	1.000
JE4649-11 - 1	27 Jan 2025 12:57:56	U	ug/l	1.2244	10157	1.000	1.000
JE4649-12 - 1	27 Jan 2025 13:00:24	U	ug/l	1.1268	9321	1.000	1.000
JE4650-5 - 1	27 Jan 2025 13:01:48	U	ug/l	3.1870	26977	1.000	1.000
JE4650-6 - 1	27 Jan 2025 13:03:32	U	ug/l	3.5946	30470	1.000	1.000
SAMPLECONF - 1	27 Jan 2025 13:05:27	U	ug/l	-2.7287	-23721	1.000	1.000
JE4651-8 - 1	27 Jan 2025 13:07:14	U	ug/l	1.0019	8250	1.000	1.000
JE4663-1 - 1	27 Jan 2025 13:08:59	U	ug/l	0.1502	951	1.000	1.000
CCV - 1	27 Jan 2025 13:10:45	C	ug/l	2.3181	19530	1.000	1.000
CCB - 1	27 Jan 2025 13:12:15	C	ug/l	0.0041	-301	1.000	1.000
JE4663-3 - 1	27 Jan 2025 13:14:09	U	ug/l	0.5695	4545	1.000	1.000
JE4664-1 - 1	27 Jan 2025 13:15:33	U	ug/l	0.1439	897	1.000	1.000
JE4664-3 - 1	27 Jan 2025 13:17:14	U	ug/l	1.0403	8579	1.000	1.000
JE4665-1 - 1	27 Jan 2025 13:18:45	U	ug/l	0.2118	1479	1.000	1.000
JE4665-3 - 1	27 Jan 2025 13:20:31	U	ug/l	0.5301	4207	1.000	1.000
JE4666-1 - 1	27 Jan 2025 13:22:08	U	ug/l	0.2406	1726	1.000	1.000
JE4666-3 - 1	27 Jan 2025 13:23:54	U	ug/l	0.1961	1345	1.000	1.000
JE4667-1 - 1	27 Jan 2025 13:25:30	U	ug/l	0.2762	2031	1.000	1.000
CCV - 1	27 Jan 2025 13:27:02	C	ug/l	2.3630	19915	1.000	1.000
CCB - 1	27 Jan 2025 13:28:39	C	ug/l	0.0023	-316	1.000	1.000
MP52405-MB1 - 1	27 Jan 2025 13:30:32	U	ug/l	0.0499	92	1.000	1.000
MP52405-B1 - 1	27 Jan 2025 13:31:56	U	ug/l	1.9546	16415	1.000	1.000
MP52405-S1 - 1	27 Jan 2025 13:33:19	U	ug/l	2.1077	17727	1.000	1.000
MP52405-S2 - 1	27 Jan 2025 13:35:12	U	ug/l	2.0295	17057	1.000	1.000
JE4655-1 - 1	27 Jan 2025 13:37:07	U	ug/l	0.1408	871	1.000	1.000
JE4651-7 - 1	27 Jan 2025 13:39:02	U	ug/l	0.9560	7857	1.000	1.000
MP52404-PS1 - 1	27 Jan 2025 13:40:35	U	ug/l	3.4379	29127	1.000	1.000
CCV - 1	27 Jan 2025 13:44:22	C	ug/l	2.4097	20315	1.000	1.000

MA57768

Method: SGS Operator: Admin Date of Analysis: 27 Jan 2025 11:47:17

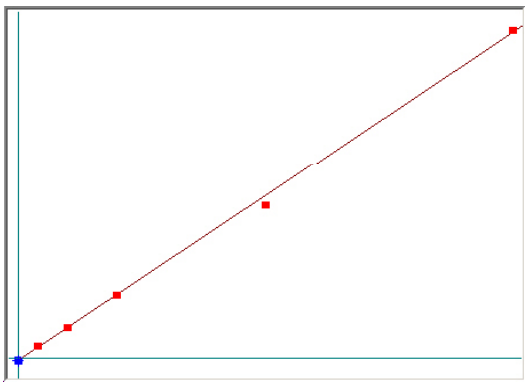
Sample ID	Date	Type	Units	Conc.	µ Abs.	Wt.	Vol.
CCB - 1	27 Jan 2025 13:45:54	C	ug/l	0.0012	-326	1.000	1.000

SGS

Linear

μ Abs.:

42981



A= 0.0000e+000

B= 1.1669e-004

C= 3.9205e-002

Rho= 0.9993847

Accept= Accepted

9.2.1

9

Max. Conc: 5.000 ug/

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
STDA	0.000	-0.005	-0.005	-375	0.000	-375				
STDB	0.200	0.247	0.047	1783	0.0 %	1783				
STDC	0.500	0.527	0.027	4183	0.0 %	4183				
STDD	1.000	1.005	0.005	8274	0.0 %	8274				
STDE	2.500	2.371	-0.129	19982	0.0 %	19982				
STDF	5.000	5.054	0.054	42981	0.0 %	42981				

Zoom In ▶ Zoom Out

Sample Name: STDA Acquired: 1/27/2025 10:33:07 Type: Cal
Method: SGS No Vlave3(v90) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0005**	**-.0003**	**.0004**	**.0003**	**.0082**	**.0007**	**.0006**	**.0076**	**-.0001**
Stddev	.0000	.0005	.0001	.0001	.0006	.0003	.0002	.0004	.0001
%RSD	10.00	163.8	18.75	40.83	7.795	35.85	38.91	5.648	102.9
#1	-.0005	-.0008	.0004	.0004	.0084	.0010	.0005	.0080	-.0002
#2	-.0005	-.0005	.0003	.0004	.0075	.0005	.0004	.0072	-.0001
#3	-.0004	.0003	.0003	.0002	.0087	.0007	.0008	.0074	.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0002**	**-.0001**	**.0001**	**.0018**	**-.0006**	**.0152**	**.0032**	**-.0000**	**-.0001**
Stddev	.0001	.0001	.0000	.0001	.0000	.0011	.0011	.0001	.0000
%RSD	69.96	125.4	63.52	5.354	4.215	6.948	33.08	312.1	5.977
#1	-.0000	-.0001	.0001	.0019	-.0006	.0152	.0021	.0000	-.0001
#2	-.0002	.0000	.0001	.0017	-.0006	.0163	.0042	-.0002	-.0001
#3	-.0002	-.0003	.0000	.0017	-.0006	.0142	.0033	.0001	-.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0003**	**.0061**	**-.0001**	**-.0004**	**.0002**	**.0009**	**.0004**	**.0001**	**.0024**
Stddev	.0001	.0021	.0001	.0001	.0001	.0000	.0001	.0002	.0002
%RSD	27.22	34.88	126.9	15.10	44.99	2.290	31.29	102.4	7.929
#1	-.0004	.0080	.0000	-.0004	.0001	.0009	.0003	.0002	.0026
#2	-.0002	.0038	-.0002	-.0004	.0002	.0009	.0003	-.0000	.0023
#3	-.0004	.0063	-.0001	-.0005	.0002	.0009	.0005	.0003	.0023

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0001**	**-.0015**	**-.0001**	**-.0001**	**-.0002**	**-.0003**	**.0004**	**-.0006**
Stddev	.0002	.0005	.0000	.0000	.0000	.0001	.0002	.0000
%RSD	346.1	33.99	75.61	44.56	20.07	46.71	54.24	7.589
#1	.0003	-.0020	-.0001	-.0000	-.0001	-.0004	.0002	-.0006
#2	-.0001	-.0010	-.0000	-.0001	-.0002	-.0003	.0006	-.0006
#3	.0000	-.0015	-.0000	-.0001	-.0002	-.0002	.0003	-.0005

Zoom In ▶ Zoom Out

Sample Name: STDA Acquired: 1/27/2025 10:33:07 Type: Cal
Method: SGS No Vlave3(v90) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15881.**	**152720.**	**14616.**	**7385.7**
Stddev	79.	264.	33.	48.4
%RSD	.49556	.17313	.22476	.65550
#1	15838.	152650.	14630.	7368.5
#2	15972.	153010.	14639.	7440.4
#3	15833.	152500.	14578.	7348.2

Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 1/27/2025 10:37:55 Type: Cal
Method: SGS No Vlave3(v90) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0631**	**2.638**	**.4175**	**.6593**	**4.995**	**10.68**	**.6719**	**7.844**	**3.452**
Stddev	.0002	.003	.0035	.0063	.013	.00	.0060	.007	.031
%RSD	.3471	.1188	.8502	.9524	.2688	.0087	.8971	.0936	.9016
#1	.0630	2.641	.4192	.6621	5.010	10.68	.6749	7.847	3.467
#2	.0629	2.638	.4134	.6521	4.991	10.68	.6649	7.849	3.416
#3	.0633	2.635	.4199	.6637	4.984	10.68	.6758	7.835	3.472

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.1023**	**2.201**	**.6116**	**.5929**	**4.247**	**1.351**	**1.098**	**.9038**	**3.142**
Stddev	.0003	.019	.0032	.0003	.003	.003	.000	.0012	.015
%RSD	.2581	.8437	.5184	.0482	.0676	.2491	.0016	.1353	.4857
#1	.1020	2.211	.6100	.5932	4.247	1.354	1.098	.9051	3.132
#2	.1023	2.179	.6096	.5928	4.250	1.351	1.098	.9035	3.159
#3	.1026	2.212	.6153	.5927	4.244	1.348	1.098	.9027	3.134

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.949**	**4.057**	**1.623**	**.4003**	**.7602**	**.1865**	**.5250**	**.2792**	**1.732**
Stddev	.025	.009	.013	.0032	.0063	.0017	.0047	.0026	.014
%RSD	.8616	.2161	.7989	.7901	.8324	.9211	.8968	.9469	.7935
#1	2.964	4.061	1.630	.4019	.7632	.1873	.5275	.2802	1.740
#2	2.920	4.062	1.608	.3966	.7529	.1846	.5196	.2762	1.716
#3	2.965	4.046	1.631	.4022	.7644	.1877	.5280	.2812	1.741

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.7458**	**10.77**	**.6685**	**.1871**	**.7741**	**1.507**	**5.481**	**1.280**
Stddev	.0069	.02	.0012	.0016	.0030	.014	.050	.006
%RSD	.9223	.1813	.1817	.8491	.3833	.9039	.9154	.4481
#1	.7491	10.79	.6679	.1877	.7721	1.513	5.504	1.274
#2	.7379	10.76	.6678	.1853	.7728	1.491	5.424	1.281
#3	.7504	10.76	.6699	.1882	.7775	1.516	5.516	1.285

Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 1/27/2025 10:37:55 Type: Cal
Method: SGS No Vlave3(v90) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14330.**	**141580.**	**14284.**	**6984.4**
Stddev	67.	244.	79.	34.4
%RSD	.47051	.17260	.55623	.49313
#1	14306.	141850.	14360.	6970.1
#2	14406.	141540.	14201.	7023.7
#3	14278.	141370.	14292.	6959.5

Zoom In Zoom Out

Sample Name: ICV Acquired: 1/27/2025 10:42:51 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2489**	**39.56**	**1.932**	**2.028**	**2.016**	**2.019**	**1.992**	**39.26**	**1.966**
Stddev	.0003	.04	.005	.005	.001	.002	.004	.04	.003
%RSD	.1021	.1119	.2399	.2362	.0429	.1036	.2280	.0932	.1342
#1	.2486	39.51	1.930	2.025	2.016	2.017	1.987	39.30	1.964
#2	.2489	39.60	1.929	2.025	2.017	2.021	1.993	39.26	1.965
#3	.2491	39.57	1.937	2.034	2.016	2.019	1.996	39.23	1.969
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.975**	**1.974**	**1.969**	**2.022**	**39.27**	**39.56**	**2.051**	**39.78**	**2.000**
Stddev	.001	.003	.002	.002	.05	.12	.003	.08	.000
%RSD	.0501	.1529	.0849	.0761	.1340	.3047	.1578	.2084	.0179
#1	1.975	1.972	1.971	2.024	39.25	39.67	2.049	39.87	2.001
#2	1.974	1.972	1.968	2.022	39.33	39.57	2.055	39.75	2.000
#3	1.976	1.978	1.969	2.021	39.23	39.43	2.050	39.71	2.000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.963**	**39.82**	**2.043**	**2.026**	**2.029**	**1.963**	**2.012**	**2.045**	**5.120**
Stddev	.003	.05	.003	.006	.004	.011	.007	.008	.013
%RSD	.1507	.1374	.1586	.2862	.2159	.5606	.3555	.3766	.2515
#1	1.961	39.88	2.044	2.023	2.025	1.955	2.008	2.039	5.111
#2	1.962	39.77	2.040	2.023	2.030	1.957	2.007	2.042	5.114
#3	1.966	39.83	2.046	2.033	2.033	1.975	2.020	2.054	5.134
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ICV Acquired: 1/27/2025 10:42:51 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.944**	**1.973**	**1.940**	**1.961**	**1.949**	**1.933**	**2.033**	**1.969**
Stddev	.005	.004	.002	.001	.001	.003	.004	.001
%RSD	.2584	.2221	.1047	.0723	.0693	.1655	.1863	.0648
#1	1.938	1.969	1.938	1.961	1.950	1.931	2.030	1.968
#2	1.944	1.977	1.942	1.959	1.947	1.932	2.032	1.970
#3	1.948	1.972	1.941	1.962	1.949	1.937	2.038	1.969
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14711.**	**146550.**	**14495.**	**7153.6**
Stddev	21.	313.	10.	10.5
%RSD	.14364	.21373	.06978	.14664
#1	14688.	146840.	14499.	7144.5
#2	14715.	146580.	14502.	7151.4
#3	14730.	146220.	14483.	7165.1

Zoom In Zoom Out

Sample Name: ICB Acquired: 1/27/2025 10:48:33 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**-.0007**	**.0001**	**.0054**	**-.0010**	**.0001**	**-.0014**	**.0088**	**.0001**
Stddev	.0003	.0219	.0008	.0005	.0005	.0000	.0020	.0019	.0002
%RSD	33.22	3157.	1012.	9.236	48.51	25.88	145.8	21.32	375.8
#1	-.0006	-.0124	.0004	.0049	-.0016	.0001	-.0003	.0109	.0003
#2	-.0012	.0246	-.0008	.0055	-.0008	.0001	-.0037	.0073	.0001
#3	-.0009	-.0143	.0007	.0059	-.0007	.0001	-.0002	.0081	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0040**	**.0002**	**-.0003**	**.0004**	**.0035**	**.0712**	**.0075**	**-.0251**	**.0000**
Stddev	.0068	.0002	.0002	.0004	.0021	.1278	.0041	.0295	.0000
%RSD	167.5	81.36	82.26	104.3	60.26	179.6	54.40	117.6	106.7
#1	-.0051	.0000	-.0004	.0008	.0036	-.0555	.0065	-.0418	.0000
#2	-.0102	.0002	-.0003	.0000	.0014	.0690	.0119	-.0424	-.0000
#3	.0032	.0003	-.0000	.0003	.0056	.2000	.0040	.0090	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**-.0096**	**.0004**	**.0006**	**-.0011**	**-.0012**	**.0009**	**.0012**	**.0028**
Stddev	.0002	.0259	.0001	.0003	.0008	.0058	.0011	.0024	.0007
%RSD	27.45	270.9	40.30	50.16	74.32	466.0	132.0	198.6	24.06
#1	.0005	-.0394	.0005	.0007	-.0005	-.0027	-.0001	-.0000	.0032
#2	.0008	.0032	.0002	.0003	-.0020	-.0062	.0006	.0039	.0020
#3	.0009	.0075	.0003	.0009	-.0008	.0051	.0021	-.0003	.0030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICB Acquired: 1/27/2025 10:48:33 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0002**	**-.0001**	**.0019**	**.0003**	F **.0052**	**-.0002**	**.0004**
Stddev	.0001	.0001	.0005	.0009	.0002	.0009	.0001	.0002
%RSD	66.40	79.66	431.7	46.23	67.73	16.55	41.59	51.48
#1	.0001	.0003	-.0006	.0027	.0004	.0062	-.0001	.0005
#2	.0002	.0001	.0004	.0019	.0001	.0049	-.0001	.0005
#3	.0004	.0001	-.0001	.0010	.0005	.0045	-.0002	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0050		
Low Limit						-.0050		

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15887.**	**152330.**	**14629.**	**7391.5**
Stddev	38.	149.	33.	20.7
%RSD	.24033	.09780	.22342	.28057
#1	15865.	152190.	14620.	7376.0
#2	15931.	152320.	14602.	7415.0
#3	15865.	152490.	14665.	7383.4

Inst QC: MA57769

Zoom In Zoom Out

Sample Name: iccv 1 Acquired: 1/27/2025 10:53:35 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2440**	**39.12**	**1.977**	**1.998**	**1.982**	**1.987**	**2.011**	**39.12**	**1.987**
Stddev	.0011	.07	.014	.011	.003	.004	.014	.07	.014
%RSD	.4402	.1731	.6861	.5263	.1579	.2226	.7159	.1678	.6796
#1	.2449	39.07	1.997	2.013	1.978	1.983	2.032	39.05	2.007
#2	.2434	39.18	1.969	1.992	1.983	1.988	2.005	39.12	1.981
#3	.2427	39.18	1.971	1.993	1.986	1.993	2.007	39.21	1.981
#4	.2448	39.06	1.970	1.992	1.982	1.986	2.000	39.11	1.977
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.981**	**1.998**	**1.956**	**1.976**	**39.31**	**39.06**	**2.016**	**39.64**	**1.978**
Stddev	.009	.009	.004	.000	.09	.11	.007	.12	.008
%RSD	.4748	.4272	.2199	.0200	.2222	.2709	.3304	.2943	.3848
#1	1.989	2.011	1.961	1.976	39.26	39.04	2.013	39.53	1.979
#2	1.976	1.994	1.958	1.976	39.34	38.95	2.026	39.55	1.967
#3	1.971	1.996	1.952	1.976	39.42	39.04	2.014	39.76	1.980
#4	1.990	1.992	1.953	1.977	39.22	39.21	2.011	39.72	1.985
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.986**	**39.44**	**2.013**	**1.978**	**2.000**	**1.967**	**1.988**	**1.989**	**5.172**
Stddev	.013	.11	.010	.013	.009	.011	.014	.009	.034
%RSD	.6671	.2825	.5067	.6751	.4339	.5816	.6949	.4636	.6523
#1	2.006	39.29	2.028	1.998	2.013	1.984	2.009	2.003	5.222
#2	1.979	39.43	2.009	1.969	1.994	1.958	1.981	1.985	5.147
#3	1.983	39.55	2.008	1.975	1.995	1.962	1.983	1.987	5.164
#4	1.978	39.48	2.006	1.971	1.997	1.965	1.980	1.983	5.155
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: iccv 1 Acquired: 1/27/2025 10:53:35 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.010**	**1.991**	**1.966**	**2.044**	**1.956**	**1.957**	**2.010**	**1.993**
Stddev	.016	.005	.001	.007	.003	.014	.014	.002
%RSD	.7718	.2438	.0651	.3663	.1529	.7060	.6770	.0984
#1	2.033	1.986	1.966	2.055	1.960	1.977	2.030	1.995
#2	2.001	1.993	1.967	2.041	1.956	1.948	2.002	1.994
#3	2.003	1.997	1.964	2.040	1.953	1.955	2.004	1.991
#4	2.002	1.989	1.966	2.041	1.955	1.947	2.002	1.993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14842.**	**149020.**	**14637.**	**7230.4**
Stddev	79.	220.	24.	51.6
%RSD	.53031	.14764	.16561	.71313
#1	14726.	148910.	14661.	7153.8
#2	14887.	148930.	14647.	7265.2
#3	14894.	149350.	14604.	7253.9
#4	14862.	148880.	14634.	7248.8

Zoom In Zoom Out

Sample Name: ccb 7 Acquired: 1/27/2025 11:05:21 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**.0083**	**-.0008**	**.0049**	**-.0007**	**.0000**	**.0003**	**.0076**	**-.0001**
Stddev	.0006	.0039	.0013	.0010	.0004	.0001	.0011	.0019	.0002
%RSD	8095.	46.56	166.7	19.38	49.36	917.3	441.3	24.99	165.9
#1	.0002	.0081	-.0014	.0057	-.0004	.0002	.0014	.0055	.0001
#2	.0005	.0123	.0007	.0053	-.0007	.0000	.0002	.0092	-.0003
#3	-.0007	.0046	-.0016	.0039	-.0011	-.0001	-.0008	.0081	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0054**	**.0000**	**-.0006**	**-.0004**	**.0058**	**.1164**	**.0048**	**-.0013**	**-.0001**
Stddev	.0050	.0002	.0003	.0010	.0035	.1016	.0060	.0064	.0000
%RSD	92.79	1549.	45.20	224.9	59.32	87.25	124.9	482.6	13.89
#1	-.0030	-.0001	-.0008	-.0000	.0025	.2017	-.0006	-.0005	-.0001
#2	-.0112	.0003	-.0003	-.0015	.0094	.1436	.0112	-.0081	-.0001
#3	-.0021	-.0002	-.0007	.0003	.0056	.0040	.0037	.0047	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**-.0048**	**-.0001**	**.0013**	**.0005**	**-.0046**	**.0008**	**-.0011**	**.0028**
Stddev	.0003	.0239	.0003	.0012	.0014	.0024	.0027	.0011	.0017
%RSD	39.79	496.4	381.8	90.28	303.3	52.92	320.7	97.89	62.34
#1	.0009	-.0023	-.0003	-.0000	.0021	-.0060	.0018	-.0019	.0018
#2	.0006	-.0299	.0003	.0019	-.0005	-.0018	.0029	-.0015	.0017
#3	.0004	.0177	-.0002	.0022	-.0002	-.0059	-.0022	.0001	.0048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb 7 Acquired: 1/27/2025 11:05:21 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0002**	**.0000**	**.0020**	**.0000**	**.0017**	**-.0001**	**.0001**
Stddev	.0005	.0003	.0002	.0015	.0004	.0003	.0000	.0002
%RSD	177.7	115.2	474.5	72.45	4892.	15.85	34.48	151.2
#1	.0006	.0001	.0001	.0035	.0003	.0014	-.0001	.0003
#2	.0006	.0001	-.0002	.0018	-.0004	.0017	-.0001	-.0000
#3	-.0003	.0005	.0002	.0006	.0002	.0020	-.0001	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15983.**	**155050.**	**14855.**	**7458.7**
Stddev	16.	430.	68.	24.2
%RSD	.09790	.27727	.45464	.32480
#1	15999.	155440.	14822.	7486.6
#2	15968.	154590.	14811.	7444.2
#3	15982.	155120.	14933.	7445.2

Zoom In Zoom Out

Sample Name: CRI Acquired: 1/27/2025 11:09:33 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0046**	**.2197**	**.0070**	**.1022**	**.1886**	**.0018**	**.0212**	**4.862**	**.0029**
Stddev	.0002	.0143	.0011	.0003	.0003	.0001	.0016	.010	.0000
%RSD	3.313	6.524	15.15	.3306	.1735	5.841	7.764	.2054	1.637
#1	.0045	.2032	.0076	.1023	.1889	.0018	.0206	4.865	.0029
#2	.0048	.2271	.0058	.1019	.1887	.0016	.0231	4.869	.0028
#3	.0046	.2288	.0076	.1025	.1883	.0018	.0200	4.850	.0028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0017**	**.0469**	**.0092**	**.0096**	**.0987**	**4.973**	**.0529**	**5.010**	**.0146**
Stddev	.0041	.0001	.0001	.0004	.0013	.045	.0018	.008	.0000
%RSD	244.7	.2234	1.257	4.307	1.358	.9076	3.327	.1630	.3189
#1	-.0063	.0469	.0093	.0096	.0989	4.987	.0540	5.008	.0146
#2	-.0003	.0470	.0091	.0092	.0972	5.010	.0537	5.002	.0146
#3	.0016	.0468	.0093	.0100	.0999	4.923	.0508	5.018	.0145
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0198**	**5.024**	**.0096**	**.0500**	**.0031**	F **.0390**	**.0068**	**.0085**	**.2329**
Stddev	.0001	.024	.0001	.0008	.0011	.0023	.0014	.0005	.0012
%RSD	.5875	.4834	1.274	1.609	36.49	5.923	20.04	5.619	.5099
#1	.0199	5.039	.0095	.0508	.0035	.0389	.0063	.0081	.2328
#2	.0197	5.038	.0096	.0501	.0040	.0414	.0057	.0085	.2342
#3	.0197	4.996	.0098	.0492	.0018	.0367	.0083	.0090	.2318
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value						.0500			
Range						-20.00%			

Zoom In Zoom Out

Sample Name: CRI Acquired: 1/27/2025 11:09:33 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0100**	**.0095**	**.0096**	**.0106**	**.0480**	**.0483**	**.0195**	**.0110**
Stddev	.0002	.0002	.0009	.0009	.0004	.0004	.0001	.0003
%RSD	1.823	2.448	9.870	8.939	.8453	.8780	.3683	2.434
#1	.0100	.0095	.0102	.0099	.0483	.0487	.0196	.0113
#2	.0102	.0097	.0085	.0117	.0480	.0485	.0194	.0110
#3	.0099	.0092	.0101	.0102	.0475	.0479	.0195	.0108
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15831.**	**153340.**	**14753.**	**7455.7**
Stddev	18.	228.	48.	6.7
%RSD	.11624	.14893	.32798	.08946
#1	15823.	153420.	14768.	7460.4
#2	15819.	153090.	14699.	7448.1
#3	15852.	153530.	14792.	7458.7

Zoom In Zoom Out

Sample Name: CRID Acquired: 1/27/2025 11:14:20 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.1015**	**.0033**	**.0042**	**.0033**	**.0008**	**.0023**	**.9778**	**.0011**
Stddev	.0003	.0059	.0006	.0008	.0003	.0001	.0034	.0069	.0002
%RSD	136.1	5.783	18.99	18.29	9.359	17.01	151.6	.7049	18.58
#1	-.0004	.1025	.0039	.0033	.0030	.0007	.0034	.9707	.0013
#2	-.0005	.1067	.0032	.0048	.0033	.0008	.0050	.9844	.0011
#3	.0001	.0951	.0027	.0044	.0036	.0010	-.0016	.9783	.0009
Check ?	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0026**	**.0027**	F **.0016**	**.0010**	**.0026**	**1.994**	**.0018**	**.1056**	**.0030**
Stddev	.0061	.0001	.0003	.0006	.0030	.118	.0021	.0271	.0000
%RSD	232.0	2.546	16.33	63.08	117.7	5.898	113.9	25.69	1.257
#1	.0003	.0027	.0019	.0012	.0004	2.119	.0034	.0755	.0030
#2	-.0097	.0028	.0014	.0015	.0060	1.885	.0027	.1129	.0029
#3	.0015	.0028	.0014	.0003	.0014	1.980	-.0006	.1283	.0029
Check ?	None	Chk Pass	Chk Fail	None	None	Chk Pass	None	Chk Pass	Chk Pass
Value			.0020						
Range			-20.00%						

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**1.021**	**.0039**	**.0008**	**-.0004**	**-.0046**	**.0021**	**.0047**	**.0003**
Stddev	.0004	.025	.0003	.0008	.0019	.0004	.0017	.0017	.0007
%RSD	4330.	2.473	7.686	102.3	528.7	7.563	83.80	35.91	247.4
#1	.0002	1.041	.0039	-.0001	.0014	-.0048	.0020	.0052	.0004
#2	.0003	.9926	.0037	.0014	-.0001	-.0048	.0004	.0028	.0009
#3	-.0005	1.030	.0043	.0012	-.0024	-.0042	.0038	.0061	-.0005
Check ?	None	Chk Pass	Chk Pass	None	None	None	None	Chk Pass	None
Value									
Range									

Zoom In Zoom Out

Sample Name: CRID Acquired: 1/27/2025 11:14:20 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0001**	**.0000**	F **.0035**	**.0017**	**.0016**	**.0101**	**.0000**
Stddev	.0009	.0001	.0004	.0009	.0003	.0003	.0000	.0001
%RSD	165.6	72.70	6041.	25.64	18.58	16.46	.3310	336.0
#1	-.0005	.0001	-.0003	.0036	.0017	.0013	.0101	-.0000
#2	.0009	.0000	-.0001	.0044	.0014	.0017	.0101	-.0000
#3	.0013	.0002	.0004	.0026	.0020	.0017	.0101	.0001
Check ?	None	None	None	Chk Fail	Chk Pass	None	Chk Pass	None
Value				.0020				
Range				20.00%				

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16053.**	**155180.**	**14973.**	**7510.9**
Stddev	26.	676.	34.	3.0
%RSD	.16080	.43557	.22497	.03966
#1	16053.	154400.	15012.	7510.4
#2	16078.	155580.	14954.	7514.1
#3	16027.	155570.	14953.	7508.3

Zoom In Zoom Out

Sample Name: ICSA Acquired: 1/27/2025 11:19:10 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**486.7**	**.0001**	**-.0048**	**-.0019**	**-.0007**	**-.0059**	**381.5**	**-.0013**
Stddev	.0006	7.6	.0017	.0006	.0004	.0001	.0042	5.1	.0005
%RSD	110.6	1.567	1111.	12.84	21.14	8.707	70.52	1.350	37.32
#1	-.0008	478.0	.0012	-.0050	-.0018	-.0007	-.0032	385.0	-.0008
#2	-.0010	492.3	-.0018	-.0041	-.0023	-.0006	-.0107	383.8	-.0017
#3	.0001	489.7	.0010	-.0053	-.0016	-.0006	-.0038	375.6	-.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0059**	**-.0030**	**-.0020**	**.0007**	**191.8**	**.0717**	**-.0052**	**477.0**	**-.0027**
Stddev	.0023	.0002	.0000	.0005	.4	.0356	.0056	.6	.0000
%RSD	39.90	8.111	2.270	63.89	.2032	49.62	107.8	.1246	1.205
#1	.0081	-.0033	-.0021	.0012	191.4	.1116	-.0114	476.5	-.0027
#2	.0035	-.0031	-.0020	.0008	192.1	.0606	-.0036	477.6	-.0027
#3	.0060	-.0028	-.0020	.0002	191.8	.0430	-.0006	477.0	-.0027
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**-.0221**	**-.0034**	**-.0075**	**.0028**	**.0045**	**.0016**	**.0000**	**.0243**
Stddev	.0004	.0049	.0003	.0024	.0007	.0058	.0035	.0005	.0026
%RSD	61.05	22.19	9.245	32.01	25.74	128.9	217.4	1455.	10.72
#1	.0009	-.0165	-.0035	-.0068	.0035	.0026	-.0015	-.0005	.0265
#2	.0002	-.0255	-.0037	-.0055	.0021	.0111	.0010	.0003	.0214
#3	.0007	-.0242	-.0031	-.0101	.0028	-.0001	.0053	.0003	.0250
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 1/27/2025 11:19:10 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0025**	**.0001**	**-.0039**	**-.0025**	**.0253**	**-.0034**	**.0030**
Stddev	.0003	.0002	.0003	.0005	.0006	.0013	.0002	.0002
%RSD	623.8	6.172	192.1	12.59	22.48	5.339	4.552	6.641
#1	.0003	-.0027	.0003	-.0038	-.0020	.0256	-.0033	.0029
#2	-.0002	-.0024	.0003	-.0035	-.0025	.0238	-.0036	.0033
#3	-.0003	-.0024	-.0002	-.0045	-.0031	.0264	-.0033	.0030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13733.**	**134790.**	**14206.**	**6777.5**
Stddev	18.	374.	48.	2.8
%RSD	.13062	.27777	.33463	.04181
#1	13753.	134820.	14225.	6777.5
#2	13722.	135150.	14152.	6774.7
#3	13723.	134410.	14241.	6780.3

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 1/27/2025 11:24:10 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.053**	**483.8**	**.9700**	**.4801**	**.4848**	**.4804**	**.5053**	**374.3**	**1.004**
Stddev	.002	7.0	.0127	.0076	.0010	.0004	.0055	2.8	.013
%RSD	.1649	1.442	1.314	1.583	.1969	.0830	1.096	.7462	1.266
#1	1.054	489.8	.9602	.4730	.4858	.4808	.5008	376.5	.9954
#2	1.053	485.5	.9844	.4881	.4839	.4800	.5114	375.2	1.019
#3	1.051	476.2	.9656	.4793	.4845	.4805	.5036	371.2	.9981
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0036**	**.4762**	**.4624**	**.5100**	**189.6**	**.0998**	**.5352**	**467.5**	**.4937**
Stddev	.0073	.0042	.0003	.0007	.2	.0679	.0044	.4	.0007
%RSD	205.1	.8732	.0757	.1359	.0984	68.02	.8291	.0775	.1374
#1	.0014	.4740	.4624	.5108	189.8	.1775	.5301	467.9	.4940
#2	-.0120	.4810	.4620	.5097	189.7	.0699	.5368	467.3	.4942
#3	-.0001	.4736	.4627	.5095	189.4	.0520	.5386	467.2	.4929
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4762**	**.0303**	**.9614**	**.5092**	**.9469**	**.5034**	**1.072**	**1.040**	**.5578**
Stddev	.0052	.0156	.0092	.0083	.0097	.0026	.015	.010	.0055
%RSD	1.083	51.49	.9551	1.627	1.026	.5154	1.398	.9498	.9794
#1	.4724	.0123	.9543	.5020	.9362	.5030	1.060	1.031	.5533
#2	.4821	.0386	.9718	.5183	.9552	.5061	1.089	1.051	.5639
#3	.4741	.0400	.9582	.5073	.9492	.5010	1.067	1.037	.5563
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 1/27/2025 11:24:10 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4870**	**.4772**	**.4711**	**.9642**	**.4837**	**.4862**	**.9443**	**.4542**
Stddev	.0050	.0011	.0010	.0062	.0005	.0068	.0113	.0005
%RSD	1.017	.2342	.2187	.6475	.0948	1.397	1.192	.1080
#1	.4840	.4776	.4718	.9615	.4836	.4818	.9364	.4543
#2	.4927	.4759	.4716	.9714	.4842	.4940	.9572	.4546
#3	.4842	.4781	.4699	.9598	.4833	.4828	.9392	.4536
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13725.**	**136170.**	**14262.**	**6779.3**
Stddev	83.	574.	99.	54.4
%RSD	.60617	.42116	.69479	.80296
#1	13784.	136310.	14171.	6811.0
#2	13630.	136660.	14247.	6716.4
#3	13760.	135540.	14367.	6810.5

Zoom In Zoom Out

Sample Name: HSTD Acquired: 1/27/2025 11:29:05 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6233**	**-.0431**	**7.402**	**7.799**	**7.870**	**7.763**	**8.159**	**-.0876**	**8.056**
Stddev	.0018	.0372	.061	.057	.028	.092	.063	.0373	.065
%RSD	.2825	86.36	.8283	.7348	.3533	1.192	.7755	42.56	.8031
#1	.6214	-.0005	7.440	7.835	7.890	7.857	8.204	-.0448	8.099
#2	.6248	-.0692	7.434	7.829	7.838	7.672	8.187	-.1048	8.087
#3	.6239	-.0595	7.331	7.733	7.881	7.760	8.087	-.1132	7.981
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0067**	**8.138**	**7.980**	**8.443**	**-.0326**	**.4544**	**8.095**	**.2631**	**8.028**
Stddev	.0042	.042	.004	.016	.0169	.0343	.021	.0512	.053
%RSD	62.98	.5126	.0568	.1835	51.91	7.551	.2630	19.47	.6597
#1	-.0107	8.160	7.976	8.425	-.0143	.4759	8.077	.3211	7.982
#2	-.0070	8.165	7.980	8.454	-.0359	.4724	8.091	.2442	8.086
#3	-.0023	8.090	7.985	8.450	-.0477	.4148	8.119	.2240	8.017
Check ?	None	Chk Pass	Chk Pass	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.573**	**.0744**	**8.124**	**7.981**	**8.228**	**97.96**	**7.762**	**7.906**	**22.69**
Stddev	.065	.0174	.048	.062	.041	.74	.067	.061	.17
%RSD	.8605	23.45	.5952	.7751	.5028	.7599	.8566	.7726	.7474
#1	7.616	.0819	8.151	8.023	8.251	98.44	7.807	7.948	22.78
#2	7.605	.0868	8.153	8.011	8.252	98.34	7.795	7.933	22.79
#3	7.498	.0544	8.068	7.910	8.180	97.10	7.686	7.836	22.49
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: HSTD Acquired: 1/27/2025 11:29:05 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.965**	**7.882**	**7.531**	**7.513**	**7.831**	**7.763**	**8.209**	**7.786**
Stddev	.066	.078	.009	.032	.049	.061	.068	.007
%RSD	.8227	.9854	.1264	.4218	.6234	.7903	.8237	.0858
#1	8.010	7.869	7.542	7.535	7.825	7.798	8.256	7.794
#2	7.996	7.811	7.528	7.527	7.883	7.799	8.240	7.784
#3	7.890	7.965	7.524	7.477	7.786	7.692	8.131	7.781
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15715.**	**154040.**	**15045.**	**7484.4**
Stddev	89.	416.	21.	68.2
%RSD	.56936	.26981	.13701	.91154
#1	15645.	153970.	15021.	7430.4
#2	15683.	154490.	15053.	7461.8
#3	15815.	153670.	15060.	7561.1

Zoom In Zoom Out

Sample Name: HSTD Acquired: 1/27/2025 11:34:50 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**294.9**	**-.0001**	**.0175**	**-.0011**	**-.0003**	**.0035**	**192.7**	**-.0009**
Stddev	.0005	.6	.0016	.0005	.0004	.0001	.0035	.9	.0004
%RSD	343.4	.1897	2108.	2.843	36.34	37.04	99.94	.4783	44.56
#1	-.0005	294.7	-.0012	.0173	-.0011	-.0002	.0075	193.6	-.0013
#2	.0004	294.5	.0017	.0180	-.0016	-.0004	.0013	192.8	-.0009
#3	-.0004	295.5	-.0007	.0170	-.0007	-.0004	.0017	191.7	-.0005
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass	None
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0118**	**-.0042**	**-.0018**	**.0015**	**195.2**	**198.5**	**.0018**	**287.9**	**-.0021**
Stddev	.0037	.0000	.0001	.0009	.3	.4	.0041	.3	.0001
%RSD	31.05	.9714	6.837	56.94	.1574	.2031	232.8	.1148	2.836
#1	.0131	-.0042	-.0018	.0005	195.1	198.6	-.0014	287.9	-.0021
#2	.0146	-.0043	-.0017	.0022	195.0	198.0	.0003	287.6	-.0020
#3	.0077	-.0042	-.0019	.0019	195.5	198.8	.0064	288.3	-.0021
Check ?	None	None	None	None	Chk Pass	Chk Pass	None	Chk Pass	None
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039**	**193.5**	**-.0025**	**-.0030**	**.0007**	**.0297**	**.0092**	**.0040**	**.0319**
Stddev	.0004	.3	.0003	.0019	.0004	.0014	.0044	.0011	.0025
%RSD	9.906	.1331	13.50	62.54	64.70	4.751	47.79	26.36	7.980
#1	.0041	193.6	-.0021	-.0043	.0005	.0308	.0041	.0030	.0347
#2	.0041	193.2	-.0027	-.0008	.0003	.0301	.0120	.0040	.0298
#3	.0034	193.7	-.0026	-.0038	.0011	.0281	.0115	.0051	.0311
Check ?	None	Chk Pass	None	None	None	None	None	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: HSTD Acquired: 1/27/2025 11:34:50 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**-.0014**	**.0007**	**-.0076**	**-.0008**	**.0194**	**-.0028**	**.0032**
Stddev	.0002	.0002	.0001	.0014	.0001	.0013	.0001	.0001
%RSD	21.34	12.73	9.303	17.86	15.69	6.817	2.337	2.212
#1	.0009	-.0012	.0007	-.0075	-.0007	.0204	-.0028	.0031
#2	.0011	-.0015	.0007	-.0063	-.0009	.0199	-.0027	.0032
#3	.0007	-.0016	.0008	-.0090	-.0009	.0179	-.0027	.0032
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13652.**	**139020.**	**14408.**	**6866.8**
Stddev	73.	203.	56.	42.3
%RSD	.53257	.14570	.39198	.61664
#1	13717.	139160.	14358.	6902.7
#2	13573.	138790.	14469.	6820.1
#3	13664.	139120.	14398.	6877.6

Zoom In Zoom Out

Sample Name: FECONF Acquired: 1/27/2025 11:39:43 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**-.0307**	**-.0001**	**.0063**	**-.0003**	**.0001**	**-.0017**	**.0095**	**-.0002**
Stddev	.0003	.0115	.0009	.0013	.0003	.0001	.0030	.0053	.0003
%RSD	46.72	37.46	1444.	20.96	89.50	61.95	174.0	55.98	127.3
#1	-.0009	-.0428	-.0011	.0078	-.0005	.0000	-.0031	.0034	-.0002
#2	-.0005	-.0294	.0004	.0053	-.0000	.0001	-.0038	.0131	.0000
#3	-.0004	-.0199	.0005	.0059	-.0003	.0001	.0017	.0122	-.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0080**	**-.0003**	**-.0018**	**.0016**	**198.9**	**.5885**	**-.0184**	**.0257**	**-.0012**
Stddev	.0024	.0001	.0001	.0014	.3	.0738	.0034	.0263	.0000
%RSD	29.74	35.07	8.235	84.55	.1321	12.55	18.30	102.2	1.890
#1	.0098	-.0003	-.0018	.0030	198.9	.6605	-.0176	.0165	-.0012
#2	.0090	-.0004	-.0016	.0016	199.1	.5129	-.0155	.0053	-.0012
#3	.0053	-.0002	-.0019	.0003	198.6	.5921	-.0221	.0554	-.0012

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.1258**	**-.0005**	**.0048**	**.0001**	**.0065**	**-.0001**	**.0013**	**.0096**
Stddev	.0001	.0118	.0001	.0014	.0007	.0044	.0023	.0018	.0008
%RSD	52.46	9.389	12.60	28.29	1439.	67.12	2411.	144.6	8.155
#1	-.0004	.1394	-.0005	.0061	-.0007	.0111	.0023	.0018	.0100
#2	-.0002	.1183	-.0006	.0034	.0001	.0060	-.0023	-.0008	.0102
#3	-.0002	.1196	-.0005	.0051	.0008	.0024	-.0003	.0028	.0087

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0002**	**-.0003**	**-.0000**	**-.0014**	**.0068**	**-.0008**	**.0032**
Stddev	.0009	.0000	.0005	.0012	.0001	.0008	.0001	.0003
%RSD	335.4	19.46	183.4	15010.	10.09	12.38	11.06	8.070
#1	.0007	.0002	-.0001	.0013	-.0012	.0067	-.0007	.0029
#2	.0009	.0003	-.0009	-.0005	-.0014	.0077	-.0009	.0033
#3	-.0008	.0003	.0001	-.0009	-.0015	.0060	-.0008	.0034

Zoom In Zoom Out

Sample Name: FECONF Acquired: 1/27/2025 11:39:43 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15823.**	**155210.**	**14816.**	**7488.0**
Stddev	24.	223.	32.	12.7
%RSD	.15237	.14396	.21390	.16968
#1	15847.	154980.	14823.	7501.1
#2	15822.	155430.	14782.	7487.2
#3	15799.	155210.	14844.	7475.7

Zoom In Zoom Out

Sample Name: ALCONF Acquired: 1/27/2025 11:44:33 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**F 447.4**	**-.0018**	**.0013**	**-.0024**	**.0001**	**-.0027**	**.0023**	**.0001**
Stddev	.0003	.4	.0003	.0016	.0006	.0001	.0029	.0048	.0001
%RSD	77.88	.0986	17.76	123.0	24.92	136.5	107.6	213.3	77.16
#1	-.0001	447.2	-.0021	.0029	-.0028	.0003	-.0051	.0059	.0000
#2	-.0006	447.9	-.0015	-.0004	-.0017	.0000	.0005	.0041	.0002
#3	-.0004	447.0	-.0018	.0015	-.0027	.0000	-.0035	-.0032	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0086**	**-.0000**	**-.0002**	**.0019**	**.0034**	**.1289**	**-.0304**	**-.0140**	**.0003**
Stddev	.0051	.0004	.0002	.0008	.0008	.0313	.0032	.0164	.0001
%RSD	59.99	2037.	71.08	43.13	23.86	24.27	10.49	116.8	26.77
#1	-.0026	.0005	-.0002	.0017	.0042	.1558	-.0303	-.0319	.0004
#2	-.0113	-.0004	-.0004	.0012	.0026	.0946	-.0337	-.0104	.0003
#3	-.0118	-.0002	-.0001	.0028	.0032	.1363	-.0273	.0002	.0002

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**-.0015**	**-.0002**	**-.0049**	**.0002**	**-.0007**	**-.0015**	**-.0017**	**.0255**
Stddev	.0001	.0147	.0004	.0012	.0022	.0015	.0005	.0045	.0031
%RSD	8.490	979.8	216.9	25.04	1171.	221.9	30.92	265.1	12.22
#1	-.0013	-.0010	.0002	-.0037	.0007	.0010	-.0017	-.0010	.0243
#2	-.0015	-.0164	-.0006	-.0062	-.0022	-.0019	-.0017	.0024	.0290
#3	-.0013	.0129	-.0001	-.0050	.0021	-.0011	-.0009	-.0066	.0232

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0004**	**.0005**	**-.0000**	**-.0001**	**.0037**	**.0018**	**-.0004**
Stddev	.0005	.0001	.0005	.0022	.0003	.0019	.0002	.0002
%RSD	83.55	27.97	106.9	4962.	484.9	51.45	8.580	46.28
#1	.0004	.0004	.0011	-.0020	.0002	.0036	.0020	-.0005
#2	.0002	.0003	.0001	-.0005	-.0001	.0018	.0016	-.0006
#3	.0012	.0005	.0003	.0024	-.0003	.0056	.0018	-.0002

Zoom In Zoom Out

Sample Name: ALCONF Acquired: 1/27/2025 11:44:33 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15073.**	**146780.**	**14881.**	**7530.8**
Stddev	46.	409.	22.	20.5
%RSD	.30555	.27895	.14866	.27281
#1	15031.	146600.	14864.	7516.4
#2	15067.	147250.	14874.	7521.6
#3	15122.	146490.	14906.	7554.3

Zoom In Zoom Out

Sample Name: CACONF Acquired: 1/27/2025 11:49:19 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**-.0044**	**.0014**	**.0035**	**-.0005**	**.0001**	**.0037**	F **393.7**	**-.0003**
Stddev	.0007	.0147	.0007	.0009	.0009	.0001	.0013	2.7	.0002
%RSD	152.1	336.7	49.62	26.48	180.3	73.32	34.17	.6886	66.60
#1	-.0012	.0052	.0009	.0039	-.0007	.0001	.0042	392.3	-.0001
#2	-.0003	.0030	.0012	.0041	-.0012	.0002	.0047	392.0	-.0006
#3	.0001	-.0214	.0022	.0024	.0005	.0000	.0023	396.8	-.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0021**	**-.0025**	**-.0008**	**.0009**	**.0036**	**.1211**	**-.0344**	**.0002**	**-.0001**
Stddev	.0029	.0003	.0002	.0003	.0016	.1048	.0028	.0189	.0001
%RSD	135.6	14.12	21.39	35.33	46.18	86.53	8.231	10470.	51.40
#1	-.0026	-.0023	-.0007	.0009	.0044	.0334	-.0311	-.0031	-.0001
#2	-.0048	-.0029	-.0008	.0013	.0047	.0928	-.0363	.0206	-.0001
#3	.0010	-.0022	-.0010	.0006	.0017	.2371	-.0356	-.0169	-.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0040**	**-.0282**	**-.0011**	**.0002**	**.0005**	**.0062**	**.0004**	**-.0004**	**.0259**
Stddev	.0003	.0633	.0003	.0016	.0011	.0012	.0010	.0006	.0018
%RSD	6.424	224.8	26.69	632.0	237.0	19.94	222.5	154.1	7.113
#1	-.0038	-.0964	-.0015	.0016	.0008	.0076	.0005	.0003	.0273
#2	-.0039	-.0170	-.0009	.0007	.0015	.0053	.0014	-.0006	.0238
#3	-.0043	.0288	-.0010	-.0015	-.0008	.0058	-.0006	-.0008	.0265

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**-.0016**	**.0003**	**-.0004**	**.0007**	**.0062**	**.0009**	**-.0001**
Stddev	.0005	.0001	.0005	.0002	.0004	.0009	.0000	.0001
%RSD	96.39	6.989	174.8	44.61	65.92	14.01	5.279	257.3
#1	.0007	-.0015	.0008	-.0007	.0002	.0069	.0009	.0001
#2	-.0000	-.0016	-.0002	-.0003	.0007	.0052	.0009	-.0002
#3	.0009	-.0017	.0002	-.0004	.0011	.0066	.0008	-.0000

Zoom In Zoom Out

Sample Name: CACONF Acquired: 1/27/2025 11:49:19 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14503.**	**146820.**	**14678.**	**7227.9**
Stddev	28.	264.	25.	14.1
%RSD	.19311	.17948	.17224	.19569
#1	14491.	147120.	14671.	7212.1
#2	14535.	146700.	14706.	7239.5
#3	14482.	146640.	14657.	7232.1

Zoom In Zoom Out

Sample Name: VCONF Acquired: 1/27/2025 11:54:15 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**-.0149**	**-.0003**	**-.0072**	**.0011**	**-.0000**	**-.0006**	**.0380**	**-.0001**
Stddev	.0001	.0022	.0023	.0010	.0005	.0002	.0018	.0016	.0002
%RSD	7.634	14.89	739.5	13.82	49.02	517.1	276.7	4.160	248.0
#1	.0015	-.0126	.0002	-.0080	.0016	.0000	.0011	.0396	.0000
#2	.0014	-.0171	.0017	-.0076	.0006	-.0002	-.0025	.0365	.0000
#3	.0013	-.0149	-.0028	-.0061	.0010	.0001	-.0006	.0377	-.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018**	**.0003**	**-.0008**	**.0025**	**.0072**	**.1596**	**-.0113**	**.0004**	**-.0001**
Stddev	.0043	.0002	.0002	.0007	.0033	.0290	.0064	.0192	.0000
%RSD	235.3	61.85	29.46	27.78	44.99	18.19	56.67	5360.	34.90
#1	.0044	.0005	-.0010	.0026	.0044	.1930	-.0068	.0068	-.0001
#2	.0042	.0003	-.0009	.0032	.0108	.1406	-.0085	-.0212	-.0001
#3	-.0031	.0001	-.0006	.0018	.0065	.1451	-.0186	.0154	-.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0617**	**.0005**	**.0016**	**.0011**	**-.0030**	**-.0026**	**-.0023**	**-.0660**
Stddev	.0003	.0445	.0002	.0012	.0002	.0044	.0016	.0022	.0028
%RSD	91.77	72.09	46.62	71.22	16.67	145.3	60.43	98.63	4.223
#1	.0002	.0458	.0003	.0029	.0010	-.0005	-.0039	-.0007	-.0689
#2	.0008	.0274	.0005	.0013	.0010	-.0004	-.0008	-.0048	-.0656
#3	.0002	.1120	.0007	.0007	.0014	-.0080	-.0031	-.0013	-.0633

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0001**	**.0002**	**.0016**	F **9.937**	**.0027**	**.0008**	**-.0004**
Stddev	.0009	.0002	.0002	.0015	.045	.0008	.0000	.0009
%RSD	150.4	295.2	95.36	97.41	.4518	29.59	2.785	217.2
#1	.0003	-.0001	.0005	.0030	9.979	.0035	.0007	.0006
#2	-.0001	.0002	.0001	.0018	9.890	.0019	.0007	-.0007
#3	.0017	.0000	.0001	-.0001	9.942	.0027	.0008	-.0011

Zoom In Zoom Out

Sample Name: VCONF Acquired: 1/27/2025 11:54:15 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15860.**	**157440.**	**14926.**	**7670.7**
Stddev	24.	465.	16.	7.1
%RSD	.15000	.29555	.10895	.09298
#1	15875.	156950.	14911.	7673.2
#2	15873.	157870.	14943.	7676.2
#3	15833.	157510.	14924.	7662.6

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 11:59:15 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2440**	**39.12**	**1.994**	**2.007**	**2.005**	**1.970**	**2.044**	**39.70**	**2.019**
Stddev	.0001	.06	.026	.022	.006	.005	.025	.12	.025
%RSD	.0281	.1621	1.283	1.088	.2885	.2663	1.231	.3034	1.232
#1	.2439	39.05	1.975	1.990	1.999	1.965	2.027	39.56	2.001
#2	.2440	39.16	2.023	2.032	2.011	1.976	2.073	39.77	2.047
#3	.2440	39.16	1.984	2.000	2.006	1.970	2.033	39.77	2.007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.991**	**2.055**	**1.953**	**2.083**	**39.62**	**40.49**	**2.023**	**39.93**	**2.004**
Stddev	.005	.021	.009	.005	.12	.25	.003	.06	.004
%RSD	.2653	1.001	.4555	.2427	.2973	.6053	.1656	.1421	.2001
#1	1.997	2.041	1.963	2.077	39.49	40.23	2.024	39.87	2.004
#2	1.986	2.079	1.948	2.085	39.71	40.52	2.020	39.97	2.000
#3	1.992	2.046	1.948	2.087	39.67	40.72	2.026	39.95	2.008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.988**	**39.66**	**2.053**	**2.025**	**2.068**	**2.026**	**2.019**	**2.009**	**5.264**
Stddev	.024	.13	.021	.024	.021	.022	.023	.026	.066
%RSD	1.204	.3314	1.013	1.166	1.023	1.111	1.144	1.273	1.246
#1	1.971	39.51	2.039	2.011	2.054	2.007	2.003	1.993	5.218
#2	2.015	39.75	2.077	2.052	2.092	2.050	2.046	2.039	5.339
#3	1.977	39.71	2.042	2.011	2.057	2.020	2.009	1.996	5.236
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 11:59:15 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.060**	**2.035**	**1.986**	**2.080**	**1.963**	**1.977**	**2.038**	**1.984**
Stddev	.023	.007	.002	.019	.004	.026	.024	.002
%RSD	1.113	.3476	.0749	.8992	.2032	1.294	1.158	.1083
#1	2.045	2.029	1.985	2.067	1.967	1.959	2.022	1.985
#2	2.086	2.043	1.985	2.101	1.959	2.006	2.065	1.981
#3	2.048	2.034	1.987	2.070	1.962	1.964	2.027	1.985
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14745.**	**152200.**	**14761.**	**7401.5**
Stddev	105.	522.	44.	67.9
%RSD	.71476	.34279	.29998	.91758
#1	14812.	152130.	14794.	7447.6
#2	14624.	151720.	14710.	7323.5
#3	14800.	152760.	14777.	7433.4

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 12:04:07 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**-.0097**	**-.0002**	**.0057**	**.0003**	**.0003**	**.0021**	**.0108**	**.0001**
Stddev	.0006	.0270	.0009	.0013	.0004	.0001	.0016	.0024	.0004
%RSD	150.5	277.3	566.3	23.47	148.0	49.37	76.28	21.85	807.8
#1	.0007	-.0293	-.0011	.0071	-.0001	.0001	.0007	.0113	.0005
#2	.0007	-.0210	.0007	.0056	.0008	.0004	.0017	.0129	-.0003
#3	-.0003	.0211	-.0001	.0044	.0002	.0003	.0038	.0082	-.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0042**	**.0002**	**-.0005**	**.0018**	**.0067**	**.1858**	**-.0131**	**-.0147**	**.0000**
Stddev	.0001	.0002	.0002	.0001	.0029	.0284	.0045	.0153	.0001
%RSD	3.014	138.1	41.68	3.507	43.50	15.29	34.13	104.3	197.9
#1	-.0043	.0001	-.0006	.0017	.0099	.1853	-.0138	.0026	.0001
#2	-.0043	.0004	-.0003	.0018	.0042	.2145	-.0172	-.0201	-.0000
#3	-.0041	-.0000	-.0006	.0018	.0060	.1577	-.0083	-.0266	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0542**	**-.0002**	**.0011**	**-.0002**	**-.0045**	**-.0002**	**.0001**	**.0036**
Stddev	.0002	.0045	.0001	.0005	.0006	.0005	.0006	.0005	.0018
%RSD	27.30	8.370	56.85	42.28	306.1	11.57	358.0	334.6	49.89
#1	.0011	.0497	-.0003	.0008	.0005	-.0049	-.0008	.0000	.0030
#2	.0006	.0541	-.0001	.0008	-.0004	-.0047	.0003	.0006	.0056
#3	.0009	.0587	-.0003	.0016	-.0007	-.0039	.0001	-.0003	.0022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 12:04:07 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0003**	**.0001**	**.0014**	**.0003**	**.0014**	**-.0000**	**-.0000**
Stddev	.0005	.0001	.0003	.0017	.0001	.0008	.0000	.0001
%RSD	98.53	18.58	284.2	117.2	28.51	56.02	1804.	186.2
#1	.0000	.0003	.0002	.0024	.0002	.0018	.0000	.0000
#2	.0010	.0002	.0003	.0024	.0003	.0005	-.0000	-.0001
#3	.0004	.0002	-.0002	-.0005	.0002	.0019	-.0000	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16044.**	**160000.**	**15064.**	**7771.1**
Stddev	8.	296.	20.	3.8
%RSD	.04900	.18488	.13016	.04951
#1	16050.	159740.	15082.	7775.3
#2	16046.	159940.	15043.	7767.8
#3	16035.	160330.	15066.	7770.2

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 12:08:58 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048**	**.2090**	**.0060**	**.1023**	**.1928**	**.0018**	**.0215**	**4.938**	**.0028**
Stddev	.0005	.0197	.0013	.0007	.0011	.0001	.0018	.004	.0003
%RSD	10.24	9.414	21.19	.6535	.5842	5.511	8.406	.0872	9.189
#1	.0042	.2131	.0051	.1020	.1939	.0018	.0198	4.933	.0030
#2	.0050	.2263	.0055	.1018	.1929	.0017	.0234	4.941	.0025
#3	.0052	.1876	.0075	.1031	.1916	.0019	.0212	4.940	.0029

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027**	**.0484**	**.0089**	**.0114**	**.1022**	**5.212**	**.0363**	**5.051**	**.0149**
Stddev	.0027	.0004	.0002	.0004	.0015	.033	.0035	.010	.0000
%RSD	100.2	.8248	2.705	3.314	1.429	.6233	9.544	.1997	.0306
#1	.0030	.0489	.0091	.0116	.1015	5.204	.0399	5.055	.0149
#2	-.0001	.0484	.0087	.0110	.1039	5.184	.0359	5.059	.0149
#3	.0052	.0481	.0091	.0116	.1013	5.247	.0330	5.040	.0149

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0200**	**5.060**	**.0094**	**.0503**	**.0029**	**.0472**	**.0096**	**.0122**	**.2369**
Stddev	.0004	.027	.0006	.0016	.0008	.0046	.0010	.0025	.0005
%RSD	1.973	.5352	6.190	3.262	29.21	9.672	10.28	20.87	.2200
#1	.0201	5.030	.0099	.0515	.0019	.0524	.0085	.0100	.2373
#2	.0204	5.082	.0096	.0485	.0033	.0438	.0097	.0115	.2370
#3	.0196	5.068	.0087	.0510	.0035	.0454	.0105	.0150	.2363

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0099**	**.0097**	**.0102**	**.0086**	**.0475**	**.0477**	**.0200**	**.0109**
Stddev	.0004	.0001	.0004	.0008	.0007	.0007	.0002	.0004
%RSD	3.601	1.267	3.473	9.015	1.461	1.556	.8698	3.371
#1	.0102	.0099	.0099	.0081	.0482	.0479	.0201	.0111
#2	.0095	.0097	.0101	.0095	.0468	.0484	.0202	.0111
#3	.0099	.0096	.0106	.0083	.0476	.0469	.0198	.0105

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 12:08:58 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15772.**	**159050.**	**14993.**	**7714.6**
Stddev	35.	699.	44.	22.7
%RSD	.22366	.43970	.29337	.29368
#1	15774.	158290.	14994.	7711.0
#2	15736.	159160.	14949.	7693.9
#3	15807.	159680.	15037.	7738.8

Zoom In Zoom Out

Sample Name: crid Acquired: 1/27/2025 12:13:45 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0977**	**.0032**	**.0035**	**.0044**	**.0010**	**.0010**	**.9990**	**.0008**
Stddev	.0006	.0148	.0006	.0010	.0006	.0001	.0020	.0044	.0001
%RSD	150.1	15.16	18.83	29.73	14.42	10.29	197.8	.4423	14.11
#1	.0003	.0807	.0038	.0046	.0038	.0010	.0032	1.004	.0010
#2	-.0009	.1074	.0031	.0027	.0044	.0009	.0001	.9977	.0008
#3	-.0007	.1051	.0026	.0031	.0051	.0011	-.0004	.9954	.0008
Check ?	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.0030**	F **.0015**	**.0037**	**.0042**	**2.146**	**-.0174**	**.0917**	**.0029**
Stddev	.0032	.0002	.0004	.0011	.0014	.056	.0053	.0131	.0000
%RSD	387.3	6.029	26.45	29.77	34.06	2.631	30.24	14.30	1.703
#1	-.0035	.0032	.0019	.0042	.0028	2.128	-.0144	.0976	.0028
#2	.0027	.0029	.0011	.0024	.0056	2.209	-.0235	.0767	.0029
#3	-.0016	.0030	.0015	.0044	.0042	2.100	-.0144	.1009	.0029
Check ?	None	Chk Pass	Chk Fail	None	None	Chk Pass	None	Chk Pass	Chk Pass
Value			.0020						
Range			-20.00%						

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**1.061**	**.0037**	**.0010**	**-.0005**	**-.0080**	**.0003**	F **.0004**	**.0008**
Stddev	.0001	.025	.0003	.0004	.0014	.0009	.0006	.0026	.0014
%RSD	1737.	2.347	8.598	36.56	290.3	10.76	183.4	684.0	174.8
#1	.0001	1.089	.0038	.0006	.0008	-.0072	-.0004	.0003	.0017
#2	.0000	1.051	.0039	.0014	-.0002	-.0089	.0007	-.0022	-.0008
#3	-.0001	1.043	.0033	.0010	-.0020	-.0079	.0007	.0030	.0015
Check ?	None	Chk Pass	Chk Pass	None	None	None	None	Chk Fail	None
Value								.0050	
Range								-20.00%	

Zoom In Zoom Out

Sample Name: crid Acquired: 1/27/2025 12:13:45 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0001**	**.0003**	F **.0025**	**.0023**	**.0006**	**.0099**	**-.0001**
Stddev	.0007	.0000	.0002	.0009	.0002	.0006	.0001	.0003
%RSD	549.9	67.68	94.00	34.55	8.870	92.61	.9173	493.5
#1	.0001	-.0001	.0004	.0028	.0025	-.0000	.0100	-.0000
#2	-.0009	-.0000	-.0000	.0015	.0022	.0009	.0099	.0002
#3	.0004	-.0001	.0003	.0032	.0022	.0011	.0099	-.0004
Check ?	None	None	None	Chk Fail	Chk Pass	None	Chk Pass	None
Value				.0020				
Range				20.00%				

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16025.**	**160460.**	**15099.**	**7781.6**
Stddev	75.	388.	1.	49.8
%RSD	.46709	.24184	.00955	.63975
#1	15987.	160870.	15097.	7753.9
#2	16111.	160420.	15098.	7839.1
#3	15977.	160090.	15100.	7751.9

Zoom In Zoom Out

Sample Name: crconf Acquired: 1/27/2025 12:18:32 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0277**	**-.0003**	**.0026**	**.0002**	**.0002**	**.0023**	**.0118**	**.0001**
Stddev	.0009	.0168	.0008	.0012	.0003	.0001	.0021	.0050	.0002
%RSD	869.4	60.61	324.0	46.53	195.9	46.13	90.88	42.16	295.0
#1	.0007	-.0209	-.0010	.0030	-.0002	.0003	.0019	.0072	.0002
#2	-.0010	-.0154	-.0004	.0036	.0003	.0002	.0045	.0171	-.0001
#3	.0006	-.0467	.0007	.0013	.0003	.0001	.0004	.0113	-.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.0003**	F **9.797**	**.0005**	**.0038**	**.0646**	**-.0119**	**-.0003**	**.0009**
Stddev	.0048	.0002	.042	.0007	.0016	.0335	.0054	.0176	.0001
%RSD	1903.	64.62	.4237	154.1	42.27	51.84	45.70	6926.	7.785
#1	.0046	-.0005	9.808	.0011	.0028	.0391	-.0175	-.0108	.0009
#2	.0011	-.0002	9.832	-.0003	.0057	.0520	-.0067	-.0100	.0008
#3	-.0049	-.0002	9.751	.0006	.0030	.1025	-.0114	.0200	.0008

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0012**	**-.0003**	**.0014**	**.0017**	**-.0061**	**.0006**	**-.0011**	**.0028**
Stddev	.0002	.0264	.0001	.0016	.0008	.0013	.0035	.0002	.0005
%RSD	20.17	2244.	53.03	109.6	48.39	21.00	618.3	22.34	18.16
#1	.0008	.0087	-.0001	.0017	.0027	-.0071	-.0015	-.0011	.0029
#2	.0010	-.0282	-.0004	-.0003	.0013	-.0047	-.0014	-.0009	.0033
#3	.0007	.0230	-.0003	.0028	.0012	-.0067	.0046	-.0014	.0023

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0002**	**-.0009**	**-.0011**	**.0034**	**.0012**	**.0070**	**-.0029**
Stddev	.0001	.0002	.0003	.0008	.0003	.0004	.0000	.0002
%RSD	110.7	99.12	27.44	74.91	7.489	30.44	.5076	8.492
#1	.0000	.0005	-.0011	-.0008	.0032	.0015	.0069	-.0026
#2	-.0001	.0001	-.0011	-.0004	.0037	.0008	.0070	-.0031
#3	-.0003	.0001	-.0006	-.0020	.0033	.0014	.0070	-.0030

Zoom In Zoom Out

Sample Name: crconf Acquired: 1/27/2025 12:18:32 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15918.**	**159550.**	**15005.**	**7573.1**
Stddev	47.	487.	41.	16.7
%RSD	.29548	.30547	.27611	.22081
#1	15961.	160040.	15046.	7588.9
#2	15868.	159060.	15006.	7555.6
#3	15924.	159540.	14963.	7575.0

Zoom In Zoom Out

Sample Name: asconf Acquired: 1/27/2025 12:23:28 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0125**	**4.661**	**.0020**	**.0000**	**.0001**	**.0002**	**-.0001**	**.0020**
Stddev	.0004	.0009	.003	.0009	.0002	.0000	.0019	.0019	.0003
%RSD	207.3	7.248	.0574	43.45	61630.	41.73	1101.	2720.	13.64
#1	.0001	-.0116	4.661	.0026	.0002	.0000	-.0018	-.0005	.0021
#2	-.0006	-.0127	4.659	.0010	.0000	.0001	.0004	.0020	.0023
#3	-.0001	-.0133	4.664	.0023	-.0002	.0001	.0019	-.0018	.0017

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0034**	**-.0001**	**.0003**	**.0044**	**.0070**	**.1005**	**-.0190**	**-.0157**	**-.0000**
Stddev	.0043	.0001	.0001	.0006	.0048	.0247	.0052	.0290	.0001
%RSD	126.3	146.3	39.53	14.56	68.44	24.60	27.42	185.0	181.9
#1	-.0078	-.0001	.0002	.0039	.0033	.1281	-.0135	.0121	-.0001
#2	.0008	-.0001	.0004	.0041	.0124	.0928	-.0198	-.0458	-.0001
#3	-.0032	.0001	.0004	.0051	.0053	.0805	-.0238	-.0134	.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0463**	**-.0004**	**.0005**	**.0014**	**-.0044**	**.0003**	**-.0002**	**.0084**
Stddev	.0001	.0084	.0001	.0006	.0011	.0027	.0011	.0003	.0005
%RSD	20.06	18.19	35.26	119.2	79.85	61.97	328.6	167.3	6.320
#1	-.0005	.0436	-.0005	-.0000	.0012	-.0013	.0002	-.0004	.0090
#2	-.0004	.0395	-.0005	.0004	.0027	-.0061	-.0007	.0002	.0080
#3	-.0006	.0557	-.0003	.0012	.0004	-.0058	.0015	-.0003	.0082

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0002**	**.0004**	**-.0008**	**.0006**	**.0028**	**-.0017**	**.0006**
Stddev	.0004	.0002	.0002	.0014	.0001	.0016	.0001	.0002
%RSD	193.3	81.83	62.00	174.5	20.59	58.07	5.657	44.09
#1	-.0002	.0001	.0002	-.0019	.0005	.0012	-.0016	.0006
#2	.0002	.0002	.0006	.0008	.0006	.0044	-.0017	.0008
#3	.0007	.0004	.0003	-.0014	.0007	.0027	-.0017	.0003

Zoom In Zoom Out

Sample Name: asconf Acquired: 1/27/2025 12:23:28 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15934.**	**159950.**	**15007.**	**7729.1**
Stddev	55.	330.	21.	34.4
%RSD	.34760	.20638	.13790	.44562
#1	15994.	159620.	15024.	7768.4
#2	15885.	159960.	14984.	7703.8
#3	15922.	160280.	15012.	7715.3

Zoom In Zoom Out

Sample Name: cuconf Acquired: 1/27/2025 12:28:14 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**.0146**	**-.0003**	**.0022**	**.0008**	**.0001**	**.0013**	**.0342**	**.0000**
Stddev	.0002	.0196	.0008	.0007	.0006	.0000	.0008	.0004	.0002
%RSD	19.72	134.8	256.0	30.07	76.48	2.892	59.27	1.240	488.6
#1	.0014	.0281	.0000	.0024	.0001	.0001	.0008	.0346	.0001
#2	.0014	.0235	.0003	.0028	.0013	.0001	.0009	.0338	-.0001
#3	.0010	-.0080	-.0013	.0015	.0009	.0001	.0022	.0342	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0076**	**-.0001**	**-.0006**	F **10.83**	**.0147**	**.1384**	**-.0196**	**-.0055**	**-.0000**
Stddev	.0064	.0002	.0004	.04	.0024	.0245	.0019	.0183	.0001
%RSD	84.60	152.0	73.34	.3353	16.01	17.69	9.552	331.0	922.8
#1	-.0007	.0001	-.0007	10.80	.0121	.1641	-.0201	.0057	.0001
#2	-.0086	-.0003	-.0001	10.84	.0156	.1357	-.0211	-.0266	-.0000
#3	-.0134	-.0001	-.0009	10.87	.0166	.1154	-.0175	.0044	-.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**.0275**	**-.0001**	**-.0066**	**.0010**	**-.0046**	**-.0003**	**-.0008**	**-.0080**
Stddev	.0001	.0412	.0003	.0005	.0012	.0014	.0007	.0012	.0010
%RSD	1277.	149.6	186.4	7.960	125.9	29.10	284.1	143.4	12.47
#1	.0001	.0597	.0001	-.0067	.0021	-.0049	-.0005	-.0021	-.0074
#2	-.0002	.0418	-.0001	-.0070	-.0003	-.0059	-.0008	.0003	-.0074
#3	.0000	-.0189	-.0004	-.0060	.0011	-.0032	.0006	-.0008	-.0091

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0001**	**.0005**	**.0023**	**.0004**	**.0019**	**-.0011**	**-.0000**
Stddev	.0002	.0002	.0002	.0012	.0002	.0010	.0001	.0002
%RSD	46.76	195.3	35.25	52.33	44.08	52.14	8.814	2931.
#1	.0002	-.0001	.0006	.0037	.0002	.0024	-.0010	-.0003
#2	.0004	.0002	.0003	.0016	.0006	.0024	-.0012	.0001
#3	.0005	.0002	.0007	.0016	.0005	.0007	-.0011	.0001

Zoom In Zoom Out

Sample Name: cuconf Acquired: 1/27/2025 12:28:14 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15915.**	**160970.**	**15122.**	**7777.6**
Stddev	19.	197.	48.	10.5
%RSD	.12142	.12217	.31869	.13498
#1	15893.	161100.	15096.	7765.5
#2	15931.	160740.	15093.	7783.4
#3	15921.	161060.	15178.	7783.9

Zoom In Zoom Out

Sample Name: coconf Acquired: 1/27/2025 12:33:10 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**-.0024**	**.0009**	**.0011**	**.0001**	**.0001**	**.0017**	**.0115**	**-.0012**
Stddev	.0004	.0289	.0002	.0011	.0006	.0000	.0009	.0029	.0001
%RSD	57.96	1229.	24.66	93.70	710.8	26.57	56.19	25.01	6.997
#1	-.0009	.0141	.0008	.0022	.0005	.0001	.0026	.0109	-.0013
#2	-.0008	.0146	.0008	.0011	.0004	.0001	.0016	.0090	-.0011
#3	-.0002	-.0358	.0012	.0001	-.0006	.0001	.0007	.0146	-.0012

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	F **10.20**	**-.0004**	**-.0002**	**.0319**	**.1000**	**-.0221**	**-.0055**	**.0001**
Stddev	.0083	.01	.0001	.0005	.0044	.0705	.0042	.0082	.0000
%RSD	4475.	.0873	25.94	238.9	13.78	70.51	19.08	148.2	51.93
#1	.0093	10.19	-.0006	.0004	.0284	.1199	-.0184	-.0107	.0000
#2	-.0018	10.21	-.0003	-.0005	.0368	.1583	-.0267	-.0099	.0001
#3	-.0069	10.19	-.0004	-.0006	.0305	.0217	-.0212	.0039	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0052**	**.0757**	**-.0021**	**.0025**	**-.0006**	**-.0061**	**.0007**	**-.0017**	**.0068**
Stddev	.0002	.0035	.0003	.0010	.0010	.0016	.0014	.0029	.0014
%RSD	3.732	4.587	15.58	40.73	156.1	25.92	196.7	171.2	21.10
#1	-.0051	.0796	-.0019	.0014	.0005	-.0073	.0015	.0016	.0075
#2	-.0054	.0729	-.0025	.0026	-.0013	-.0068	-.0009	-.0039	.0077
#3	-.0050	.0746	-.0020	.0034	-.0010	-.0043	.0015	-.0028	.0051

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**-.0001**	**.0003**	**-.0000**	**.0006**	**-.0006**	**.0017**	**-.0000**
Stddev	.0003	.0002	.0003	.0015	.0003	.0015	.0001	.0001
%RSD	14.63	318.4	130.1	22100.	43.41	268.9	5.936	314.3
#1	.0026	.0001	.0004	-.0013	.0008	-.0019	.0018	.0001
#2	.0020	-.0002	-.0001	.0017	.0007	-.0008	.0017	-.0001
#3	.0020	.0000	.0005	-.0004	.0003	.0011	.0016	-.0000

Zoom In Zoom Out

Sample Name: coconf Acquired: 1/27/2025 12:33:10 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15944.**	**159680.**	**14952.**	**7751.9**
Stddev	17.	330.	67.	13.5
%RSD	.10619	.20692	.44801	.17366
#1	15924.	159440.	15003.	7737.3
#2	15955.	160060.	14876.	7763.8
#3	15952.	159550.	14978.	7754.7

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 12:38:00 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2454**	**39.70**	**1.993**	**2.005**	**2.018**	**1.986**	**2.047**	**40.24**	**2.021**
Stddev	.0008	.13	.009	.004	.002	.005	.004	.07	.006
%RSD	.3203	.3172	.4593	.1780	.1206	.2472	.2082	.1800	.2766
#1	.2450	39.59	1.994	2.004	2.015	1.982	2.049	40.18	2.021
#2	.2463	39.83	1.983	2.002	2.019	1.991	2.043	40.32	2.015
#3	.2449	39.67	2.001	2.009	2.019	1.984	2.050	40.24	2.026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.015**	**2.067**	**1.964**	**2.125**	**40.21**	**41.29**	**2.038**	**40.10**	**2.032**
Stddev	.005	.006	.003	.003	.07	.06	.004	.02	.009
%RSD	.2671	.2868	.1646	.1352	.1779	.1335	.1751	.0409	.4479
#1	2.021	2.066	1.962	2.127	40.14	41.30	2.034	40.10	2.024
#2	2.014	2.062	1.968	2.122	40.28	41.23	2.041	40.08	2.042
#3	2.011	2.074	1.962	2.126	40.21	41.34	2.038	40.11	2.030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.983**	**40.11**	**2.060**	**2.041**	**2.078**	**2.040**	**2.028**	**2.009**	**5.273**
Stddev	.005	.11	.004	.008	.008	.004	.010	.005	.011
%RSD	.2726	.2801	.2192	.3755	.3781	.2167	.4773	.2573	.2138
#1	1.981	40.00	2.061	2.041	2.079	2.036	2.027	2.013	5.270
#2	1.978	40.22	2.056	2.034	2.070	2.040	2.019	2.003	5.264
#3	1.989	40.10	2.065	2.049	2.086	2.045	2.038	2.011	5.286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 12:38:00 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.063**	**2.072**	**2.002**	**2.084**	**1.975**	**1.977**	**2.044**	**1.991**
Stddev	.006	.007	.003	.009	.001	.006	.005	.002
%RSD	.2741	.3409	.1315	.4404	.0726	.2951	.2501	.0766
#1	2.061	2.064	2.005	2.077	1.975	1.976	2.045	1.991
#2	2.058	2.078	2.003	2.080	1.976	1.972	2.039	1.993
#3	2.069	2.074	2.000	2.095	1.973	1.983	2.049	1.990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14738.**	**152490.**	**14724.**	**7450.6**
Stddev	43.	102.	50.	21.4
%RSD	.28921	.06676	.33721	.28723
#1	14745.	152390.	14780.	7458.1
#2	14777.	152500.	14711.	7467.3
#3	14692.	152590.	14683.	7426.5

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 12:42:52 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0006**	**-.0008**	**.0047**	**.0005**	**.0003**	**.0009**	**.0117**	**-.0000**
Stddev	.0001	.0220	.0009	.0006	.0011	.0002	.0004	.0036	.0002
%RSD	61.37	3690.	117.7	13.28	229.4	55.37	42.81	30.85	599.7
#1	.0002	-.0010	-.0000	.0046	.0006	.0001	.0013	.0079	.0001
#2	.0000	.0234	-.0018	.0041	-.0007	.0004	.0008	.0152	-.0001
#3	.0001	-.0206	-.0005	.0053	.0015	.0004	.0006	.0121	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0053**	**.0002**	**-.0003**	**.0025**	**.0129**	**.1488**	**-.0200**	**-.0019**	**.0001**
Stddev	.0024	.0002	.0004	.0009	.0050	.0117	.0006	.0105	.0001
%RSD	44.30	87.86	107.1	36.77	38.91	7.871	3.216	558.6	76.41
#1	-.0078	.0001	-.0000	.0029	.0100	.1561	-.0207	.0003	.0002
#2	-.0031	.0004	-.0002	.0014	.0100	.1549	-.0197	.0073	.0001
#3	-.0051	.0001	-.0007	.0031	.0187	.1353	-.0195	-.0132	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0798**	**-.0001**	**.0010**	**-.0004**	**-.0097**	**.0003**	**-.0009**	**.0022**
Stddev	.0004	.0044	.0003	.0006	.0008	.0010	.0015	.0018	.0016
%RSD	53.96	5.566	236.2	63.87	181.8	10.72	558.7	198.8	73.08
#1	.0007	.0825	.0001	.0004	.0002	-.0109	-.0014	-.0028	.0014
#2	.0003	.0747	-.0005	.0016	-.0013	-.0091	.0015	.0008	.0041
#3	.0010	.0822	.0000	.0008	-.0002	-.0090	.0007	-.0007	.0012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 12:42:52 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0004**	**.0009**	**-.0006**	**.0007**	**.0037**	**-.0001**	**.0004**
Stddev	.0004	.0001	.0003	.0004	.0003	.0005	.0001	.0002
%RSD	96.34	29.28	36.53	63.88	39.07	14.58	76.83	41.12
#1	.0007	.0002	.0007	-.0002	.0004	.0043	-.0000	.0004
#2	-.0000	.0004	.0007	-.0008	.0010	.0032	-.0002	.0002
#3	.0005	.0004	.0013	-.0009	.0008	.0038	-.0001	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15893.**	**158620.**	**14939.**	**7687.5**
Stddev	12.	694.	46.	6.7
%RSD	.07388	.43782	.30920	.08758
#1	15883.	158260.	14889.	7680.2
#2	15890.	159420.	14947.	7689.0
#3	15906.	158180.	14980.	7693.4

Zoom In Zoom Out

Sample Name: mp52363-mb1 1 Acquired: 1/27/2025 12:47:41 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0196**	**.0001**	**.0027**	**.0001**	**-.0000**	**.0021**	**.0182**	**-.0001**
Stddev	.0008	.0028	.0002	.0017	.0004	.0001	.0008	.0022	.0003
%RSD	228.3	14.11	132.1	63.31	421.7	317.9	40.03	12.16	225.4
#1	-.0002	.0166	-.0001	.0045	-.0002	-.0000	.0019	.0208	.0002
#2	-.0013	.0199	.0003	.0012	-.0000	.0000	.0014	.0173	-.0003
#3	.0004	.0221	.0002	.0023	.0005	-.0001	.0031	.0167	-.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0002**	**-.0005**	**.0012**	**.0029**	**.0280**	**-.0215**	**-.0027**	**.0000**
Stddev	.0010	.0002	.0002	.0007	.0028	.0834	.0022	.0197	.0001
%RSD	227.2	147.8	45.23	53.64	97.11	297.9	10.25	727.2	267.3
#1	-.0016	-.0001	-.0006	.0009	.0035	.0270	-.0195	.0195	.0001
#2	.0004	.0004	-.0005	.0020	.0054	.1119	-.0210	-.0180	.0001
#3	-.0001	.0003	-.0002	.0008	-.0002	-.0549	-.0239	-.0096	-.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.0174**	**-.0003**	**.0132**	**-.0007**	**-.0034**	**.0002**	**-.0019**	**.0000**
Stddev	.0004	.0021	.0004	.0011	.0004	.0005	.0007	.0016	.0003
%RSD	155.8	11.95	125.8	8.440	50.16	14.73	403.0	84.07	523.6
#1	.0006	-.0173	-.0003	.0145	-.0004	-.0029	.0004	-.0001	.0003
#2	-.0002	-.0154	.0001	.0128	-.0007	-.0036	-.0006	-.0031	-.0001
#3	.0003	-.0196	-.0007	.0124	-.0011	-.0038	.0008	-.0025	-.0001

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**-.0000**	**.0001**	**.0009**	**.0003**	**.0010**	**.0011**	**-.0001**
Stddev	.0007	.0001	.0004	.0008	.0001	.0006	.0001	.0000
%RSD	247.4	1118.	510.5	90.81	38.53	65.77	8.828	14.18
#1	-.0003	.0001	.0001	.0006	.0003	.0004	.0010	-.0001
#2	.0004	-.0001	-.0003	.0018	.0002	.0009	.0012	-.0001
#3	-.0010	-.0000	.0004	.0003	.0003	.0017	.0012	-.0001

Zoom In Zoom Out

Sample Name: mp52363-mb1 1 Acquired: 1/27/2025 12:47:41 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15973.**	**155240.**	**14488.**	**7551.7**
Stddev	23.	338.	19.	19.6
%RSD	.14339	.21795	.12932	.25992
#1	15961.	155550.	14504.	7541.5
#2	15958.	155290.	14467.	7539.2
#3	15999.	154880.	14493.	7574.3

Zoom In Zoom Out

Sample Name: mp52363-mb2 Acquired: 1/27/2025 12:52:29 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0065**	**.0010**	**.0013**	**.0015**	**-.0000**	**-.0000**	**.0187**	**-.0000**
Stddev	.0006	.0087	.0004	.0004	.0004	.0002	.0009	.0036	.0001
%RSD	204.9	134.2	40.18	28.01	24.20	1135.	3002.	19.44	308.2
#1	-.0010	.0042	.0006	.0013	.0011	.0000	.0010	.0189	.0000
#2	.0000	-.0008	.0014	.0009	.0017	-.0002	-.0008	.0222	-.0001
#3	.0001	.0161	.0010	.0017	.0017	.0001	-.0004	.0150	.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0020**	**-.0002**	**-.0000**	**.0024**	**.0048**	**.0159**	**-.0270**	**-.0002**	**.0003**
Stddev	.0023	.0002	.0002	.0008	.0009	.0097	.0060	.0052	.0001
%RSD	113.1	109.6	955.3	34.06	18.07	60.86	22.18	2123.	17.35
#1	.0004	.0000	.0000	.0027	.0055	.0144	-.0208	-.0041	.0003
#2	-.0022	-.0003	-.0003	.0014	.0039	.0071	-.0327	-.0024	.0003
#3	-.0042	-.0002	.0002	.0029	.0050	.0263	-.0276	.0057	.0004

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0173**	**.0000**	**.0033**	**.0005**	**-.0039**	**-.0006**	**.0005**	**-.0024**
Stddev	.0001	.0106	.0003	.0001	.0011	.0019	.0015	.0052	.0007
%RSD	95.11	61.09	29830.	1.855	211.7	49.65	256.6	1023.	27.09
#1	-.0001	-.0295	.0003	.0033	-.0005	-.0018	-.0023	-.0055	-.0022
#2	-.0000	-.0115	.0001	.0032	.0016	-.0044	.0004	.0036	-.0032
#3	-.0003	-.0110	-.0004	.0032	.0004	-.0056	.0001	.0034	-.0020

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0001**	**.0002**	**-.0002**	**.0005**	**-.0002**	**.0020**	**-.0004**
Stddev	.0004	.0003	.0001	.0004	.0006	.0011	.0002	.0002
%RSD	328.6	354.0	31.43	166.9	107.6	704.7	8.823	48.63
#1	-.0006	.0002	.0001	.0002	.0008	-.0014	.0018	-.0005
#2	.0001	-.0001	.0002	-.0002	-.0001	.0007	.0021	-.0002
#3	.0001	-.0003	.0002	-.0006	.0009	.0002	.0022	-.0005

Zoom In Zoom Out

Sample Name: mp52363-mb2 Acquired: 1/27/2025 12:52:29 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15962.**	**153200.**	**14373.**	**7517.1**
Stddev	15.	502.	57.	6.3
%RSD	.09559	.32775	.39792	.08425
#1	15959.	152690.	14363.	7515.8
#2	15948.	153220.	14434.	7511.4
#3	15978.	153700.	14321.	7523.9

Zoom In Zoom Out

Sample Name: mp52363-b1 Acquired: 1/27/2025 12:57:17 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0869**	**26.80**	**2.104**	**2.130**	**2.127**	**2.099**	**-.0136**	**26.96**	**2.199**
Stddev	.0006	.05	.078	.075	.004	.001	.0021	.04	.079
%RSD	.7139	.1740	3.728	3.546	.1704	.0326	15.65	.1303	3.590
#1	.0863	26.85	2.029	2.058	2.123	2.100	-.0112	27.00	2.124
#2	.0869	26.80	2.185	2.208	2.128	2.099	-.0150	26.95	2.282
#3	.0875	26.76	2.099	2.124	2.130	2.099	-.0148	26.93	2.191

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0124**	**2.160**	**2.102**	**2.192**	**26.99**	**27.66**	**-.0227**	**27.31**	**2.148**
Stddev	.0053	.060	.005	.003	.02	.06	.0007	.03	.034
%RSD	42.69	2.767	.2474	.1471	.0602	.2178	2.986	.0999	1.576
#1	-.0063	2.104	2.097	2.196	27.00	27.70	-.0232	27.34	2.115
#2	-.0160	2.223	2.102	2.191	26.97	27.69	-.0229	27.28	2.145
#3	-.0150	2.154	2.108	2.190	26.98	27.59	-.0219	27.31	2.183

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.101**	**27.33**	**2.166**	**2.225**	**2.175**	**.0251**	**2.172**	**2.258**	**-.0834**
Stddev	.077	.03	.059	.081	.059	.0030	.079	.078	.0015
%RSD	3.657	.1083	2.726	3.643	2.713	11.87	3.639	3.474	1.852
#1	2.027	27.33	2.111	2.148	2.118	.0220	2.097	2.183	-.0818
#2	2.180	27.36	2.228	2.309	2.236	.0254	2.255	2.340	-.0835
#3	2.097	27.30	2.160	2.217	2.171	.0280	2.165	2.250	-.0849

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.214**	**2.141**	**2.091**	**1.967**	**2.097**	**1.918**	**2.215**	**2.120**
Stddev	.081	.002	.005	.054	.003	.077	.078	.004
%RSD	3.677	.0984	.2371	2.756	.1520	3.994	3.535	.2104
#1	2.136	2.138	2.089	1.915	2.094	1.839	2.141	2.117
#2	2.299	2.141	2.088	2.023	2.096	1.992	2.297	2.118
#3	2.206	2.142	2.097	1.962	2.100	1.924	2.207	2.126

Zoom In Zoom Out

Sample Name: mp52363-b1 Acquired: 1/27/2025 12:57:17 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14880.**	**148910.**	**14291.**	**7215.0**
Stddev	320.	462.	5.	215.1
%RSD	2.1496	.31030	.03604	2.9810
#1	15163.	149400.	14296.	7411.8
#2	14533.	148860.	14286.	6985.4
#3	14945.	148480.	14291.	7247.7

Zoom In Zoom Out

Sample Name: mp52363-b2 Acquired: 1/27/2025 13:02:06 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1941**	**26.50**	**2.061**	**2.078**	**2.101**	**2.074**	**-.0136**	**26.74**	**2.137**
Stddev	.0040	.11	.026	.022	.004	.006	.0003	.06	.026
%RSD	2.079	.4189	1.254	1.080	.1967	.3007	2.491	.2056	1.223
#1	.1987	26.61	2.073	2.087	2.104	2.080	-.0140	26.80	2.149
#2	.1916	26.50	2.078	2.094	2.103	2.074	-.0135	26.72	2.154
#3	.1918	26.39	2.031	2.052	2.097	2.068	-.0133	26.70	2.106

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0099**	**2.117**	**2.094**	**2.182**	**26.77**	**27.40**	**-.0270**	**27.01**	**2.148**
Stddev	.0041	.020	.005	.004	.06	.07	.0088	.09	.007
%RSD	41.25	.9389	.2367	.1991	.2265	.2405	32.45	.3426	.3292
#1	-.0109	2.131	2.096	2.186	26.82	27.46	-.0330	27.05	2.146
#2	-.0133	2.127	2.098	2.182	26.79	27.41	-.0310	27.08	2.141
#3	-.0054	2.094	2.089	2.177	26.71	27.33	-.0169	26.90	2.155

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.068**	**27.04**	**2.124**	**2.196**	**2.134**	**.0639**	**2.125**	**2.191**	**-.0384**
Stddev	.024	.05	.020	.024	.020	.0039	.023	.022	.0037
%RSD	1.144	.1843	.9536	1.110	.9301	6.043	1.090	1.003	9.673
#1	2.079	27.08	2.136	2.213	2.145	.0598	2.134	2.203	-.0369
#2	2.084	27.05	2.135	2.206	2.145	.0646	2.143	2.204	-.0356
#3	2.041	26.99	2.100	2.168	2.111	.0674	2.099	2.166	-.0426

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.185**	**2.111**	**2.087**	**1.926**	**2.084**	**2.045**	**2.157**	**2.124**
Stddev	.026	.006	.005	.018	.004	.023	.025	.004
%RSD	1.203	.2681	.2189	.9125	.1788	1.107	1.168	.1838
#1	2.198	2.116	2.092	1.939	2.085	2.060	2.169	2.127
#2	2.202	2.112	2.088	1.934	2.087	2.057	2.173	2.125
#3	2.154	2.105	2.083	1.906	2.079	2.019	2.128	2.119

Zoom In Zoom Out

Sample Name: mp52363-b2 Acquired: 1/27/2025 13:02:06 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15067.**	**148510.**	**14463.**	**7346.7**
Stddev	97.	214.	4.	63.9
%RSD	.64556	.14418	.02680	.86995
#1	15030.	148370.	14466.	7331.7
#2	14993.	148390.	14464.	7291.6
#3	15177.	148750.	14458.	7416.8

Zoom In Zoom Out

Sample Name: mp52363-s1 Acquired: 1/27/2025 13:06:55 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0673**	**25.37**	**1.992**	**2.060**	**.5116**	**1.936**	**-.0177**	F **401.8**
Stddev	.0002	.07	.031	.031	.0006	.003	.0009	3.0
%RSD	.3172	.2715	1.545	1.491	.1219	.1499	5.121	.7371
#1	.0671	25.44	2.008	2.075	.5115	1.939	-.0177	399.7
#2	.0671	25.30	2.012	2.081	.5110	1.934	-.0167	405.2
#3	.0675	25.36	1.956	2.025	.5122	1.935	-.0185	400.5

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.991**	**.1001**	**2.126**	**1.952**	**2.045**	**65.99**	**40.37**	F **-.1020**
Stddev	.033	.0029	.021	.003	.005	.10	.07	.0038
%RSD	1.646	2.922	.9934	.1404	.2588	.1525	.1688	3.743
#1	2.005	.0991	2.134	1.949	2.039	66.10	40.30	-.0987
#2	2.014	.1034	2.142	1.951	2.048	65.93	40.37	-.1062
#3	1.953	.0978	2.102	1.955	2.049	65.94	40.44	-.1010

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**103.8**	F **9.540**	**1.917**	F **489.9**	**2.121**	**2.172**	**1.344**	F **752.3**
Stddev	.2	.079	.031	3.2	.024	.033	.014	13.2
%RSD	.1568	.8266	1.626	.6556	1.113	1.505	1.050	1.759
#1	103.9	9.573	1.930	492.1	2.132	2.183	1.349	760.8
#2	103.8	9.597	1.939	491.3	2.138	2.197	1.356	759.0
#3	103.6	9.450	1.881	486.2	2.094	2.135	1.329	737.0

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.010**	**2.062**	**4.973**	**1.977**	**2.759**	**1.955**	**1.714**	**1.993**
Stddev	.031	.032	.081	.033	.005	.003	.017	.004
%RSD	1.540	1.562	1.624	1.657	.1701	.1620	.9655	.1791
#1	2.023	2.076	5.009	1.993	2.761	1.953	1.719	1.990
#2	2.032	2.086	5.029	1.998	2.754	1.954	1.728	1.991
#3	1.974	2.026	4.880	1.939	2.763	1.959	1.696	1.997

Zoom In Zoom Out

Sample Name: mp52363-s1 Acquired: 1/27/2025 13:06:55 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.895**	**2.049**	**1.967**
Stddev	.030	.032	.004
%RSD	1.605	1.556	.2009
#1	1.909	2.063	1.964
#2	1.917	2.071	1.966
#3	1.861	2.012	1.971

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13608.**	**139360.**	**14447.**	**6996.0**
Stddev	163.	336.	26.	119.2
%RSD	1.1978	.24106	.18082	1.7040
#1	13518.	139730.	14477.	6926.6
#2	13510.	139070.	14433.	6927.7
#3	13796.	139290.	14431.	7133.7

Zoom In Zoom Out

Sample Name: mp52363-s2 Acquired: 1/27/2025 13:12:09 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0803**	**24.95**	**1.991**	**2.053**	**.3785**	**1.907**	**-.0118**	F **387.9**
Stddev	.0006	.05	.018	.019	.0010	.003	.0039	3.6
%RSD	.8069	.2106	.8805	.9425	.2542	.1294	33.02	.9382
#1	.0803	24.92	1.979	2.040	.3774	1.905	-.0084	390.0
#2	.0810	25.02	2.012	2.075	.3787	1.910	-.0160	383.7
#3	.0797	24.93	1.984	2.044	.3793	1.906	-.0110	390.0

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.000**	**.0948**	**2.149**	**1.909**	**2.046**	**64.04**	**39.83**	F **-.0891**
Stddev	.019	.0043	.018	.008	.007	.09	.05	.0028
%RSD	.9575	4.535	.8134	.4203	.3365	.1458	.1174	3.131
#1	1.987	.0982	2.136	1.915	2.049	63.99	39.82	-.0922
#2	2.022	.0961	2.169	1.913	2.051	64.14	39.80	-.0882
#3	1.992	.0900	2.143	1.900	2.038	63.97	39.89	-.0869

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**100.8**	F **9.317**	**1.914**	F **467.4**	**2.139**	**2.185**	**1.651**	F **738.4**
Stddev	.2	.050	.015	2.4	.016	.018	.015	1.5
%RSD	.2160	.5387	.7758	.5097	.7679	.8000	.8843	.2045
#1	100.6	9.349	1.900	470.1	2.128	2.174	1.641	736.9
#2	101.0	9.344	1.930	466.4	2.158	2.205	1.668	738.4
#3	100.8	9.259	1.911	465.6	2.130	2.176	1.644	740.0

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.018**	**2.073**	**4.832**	**1.982**	**2.724**	**1.929**	**1.736**	**1.958**
Stddev	.020	.019	.047	.017	.004	.009	.014	.008
%RSD	.9883	.9300	.9665	.8299	.1534	.4641	.8180	.4250
#1	2.004	2.060	4.800	1.971	2.722	1.934	1.730	1.963
#2	2.041	2.095	4.886	2.001	2.729	1.935	1.753	1.963
#3	2.010	2.062	4.811	1.975	2.722	1.919	1.727	1.949

Zoom In Zoom Out

Sample Name: mp52363-s2 Acquired: 1/27/2025 13:12:09 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.905**	**2.054**	**1.936**
Stddev	.017	.020	.009
%RSD	.8860	.9849	.4395
#1	1.890	2.041	1.941
#2	1.924	2.078	1.940
#3	1.901	2.044	1.926

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13603.**	**142930.**	**14816.**	**7066.5**
Stddev	79.	528.	63.	50.1
%RSD	.58193	.36976	.42440	.70925
#1	13650.	142820.	14887.	7094.7
#2	13511.	142460.	14795.	7008.6
#3	13647.	143500.	14767.	7096.1

Zoom In Zoom Out

Sample Name: je4529-2f Acquired: 1/27/2025 13:17:23 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**1.001**	**.0060**	**.1927**	**.0405**	**.0010**	**.0049**	F **369.7**
Stddev	.0009	.034	.0005	.0116	.0003	.0002	.0015	1.2
%RSD	265.7	3.367	8.685	5.995	.7894	15.85	31.50	.3328
#1	.0004	1.039	.0061	.1848	.0402	.0009	.0048	370.9
#2	-.0006	.9757	.0064	.1872	.0408	.0012	.0034	369.8
#3	.0011	.9870	.0054	.2059	.0405	.0010	.0064	368.4

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0036**	**.1085**	**.0761**	**-.0016**	**.0092**	**40.39**	**14.56**	F **-.0878**
Stddev	.0001	.0043	.0032	.0004	.0006	.20	.12	.0036
%RSD	2.627	3.989	4.202	27.05	6.467	.5057	.8035	4.057
#1	-.0037	.1035	.0749	-.0019	.0085	40.60	14.56	-.0890
#2	-.0036	.1108	.0736	-.0017	.0097	40.19	14.45	-.0907
#3	-.0035	.1111	.0797	-.0011	.0094	40.37	14.68	-.0838

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**79.01**	**7.571**	**.0008**	F **455.1**	**.0765**	**.0050**	**.0063**	F **761.4**
Stddev	.30	.013	.0003	3.5	.0037	.0005	.0012	19.8
%RSD	.3818	.1736	32.98	.7699	4.787	10.74	18.91	2.597
#1	79.27	7.580	.0009	458.4	.0747	.0056	.0077	750.3
#2	78.68	7.577	.0005	451.4	.0741	.0045	.0055	749.7
#3	79.08	7.556	.0010	455.4	.0807	.0050	.0057	784.3

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0035**	**-.0058**	**5.169**	**.0007**	**.8683**	**-.0001**	**-.0090**	**-.0008**
Stddev	.0028	.0027	.264	.0005	.0047	.0003	.0003	.0002
%RSD	78.68	45.55	5.105	65.97	.5376	325.1	3.623	32.13
#1	.0005	-.0084	5.015	.0002	.8736	-.0003	-.0086	-.0010
#2	.0040	-.0031	5.017	.0011	.8646	.0002	-.0093	-.0005
#3	.0061	-.0060	5.473	.0009	.8668	-.0002	-.0090	-.0008

Zoom In Zoom Out

Sample Name: je4529-2f Acquired: 1/27/2025 13:17:23 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0092**	**.0665**	F **-.0238**
Stddev	.0015	.0033	.0016
%RSD	16.14	5.021	6.549
#1	.0097	.0647	-.0229
#2	.0075	.0645	-.0229
#3	.0103	.0704	-.0256

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13438.**	**142620.**	**14537.**	**7012.1**
Stddev	448.	567.	45.	300.6
%RSD	3.3322	.39762	.30712	4.2870
#1	13705.	142350.	14490.	7194.5
#2	13687.	142250.	14578.	7176.7
#3	12921.	143270.	14543.	6665.1

Zoom In Zoom Out

Sample Name: mp52363-sd1 Acquired: 1/27/2025 13:22:40 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**.7582**	**-.0026**	**.2570**	**.0368**	**.0011**	**.0232**	**332.0**	**-.0052**
Stddev	.0016	.0413	.0026	.0037	.0008	.0002	.0074	5.4	.0015
%RSD	113.2	5.442	98.63	1.429	2.269	18.86	31.99	1.618	28.95
#1	.0014	.7177	-.0015	.2596	.0362	.0011	.0299	326.8	-.0068
#2	-.0002	.7569	-.0055	.2528	.0365	.0013	.0152	331.5	-.0048
#3	.0031	.8002	-.0008	.2585	.0378	.0009	.0245	337.5	-.0039

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1183**	**.0538**	**-.0035**	**.0239**	**35.77**	**15.64**	**-.1075**	**70.76**	**7.229**
Stddev	.0124	.0023	.0007	.0002	.56	.63	.0168	.97	.087
%RSD	10.46	4.270	21.03	.9836	1.578	4.005	15.63	1.370	1.204
#1	.1326	.0538	-.0031	.0237	35.24	15.99	-.1252	69.88	7.139
#2	.1117	.0516	-.0030	.0239	35.71	14.92	-.0918	70.62	7.236
#3	.1107	.0562	-.0043	.0241	36.37	16.02	-.1056	71.80	7.313

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0058**	**413.2**	**.0639**	**.0011**	**.0051**	F **717.0**	**.0383**	**-.0225**	**4.742**
Stddev	.0011	6.3	.0023	.0038	.0001	10.5	.0062	.0139	.072
%RSD	19.70	1.515	3.571	335.3	2.461	1.462	16.27	61.89	1.529
#1	.0070	407.0	.0665	.0015	.0050	714.8	.0318	-.0073	4.728
#2	.0047	413.2	.0624	-.0028	.0052	707.8	.0442	-.0255	4.677
#3	.0058	419.5	.0628	.0047	.0052	728.4	.0388	-.0346	4.820

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0050**	**.7491**	**.0009**	**-.0395**	**.0010**	**.0308**	**.0623**	**-.0203**
Stddev	.0019	.0105	.0016	.0103	.0033	.0051	.0012	.0008
%RSD	38.69	1.408	173.3	26.10	318.0	16.66	1.854	4.173
#1	-.0069	.7382	.0008	-.0413	.0024	.0359	.0621	-.0203
#2	-.0051	.7500	.0026	-.0284	-.0027	.0256	.0613	-.0211
#3	-.0030	.7593	-.0006	-.0487	.0034	.0309	.0636	-.0194

Zoom In Zoom Out

Sample Name: mp52363-sd1 Acquired: 1/27/2025 13:22:40 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15084.**	**156000.**	**15477.**	**7646.0**
Stddev	129.	435.	62.	84.4
%RSD	.85367	.27867	.40015	1.1033
#1	15058.	155590.	15506.	7629.0
#2	15224.	156450.	15520.	7737.6
#3	14970.	155970.	15406.	7571.4

Zoom In Zoom Out

Sample Name: je4529-1 Acquired: 1/27/2025 13:27:24 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023**	**7.843**	**.0050**	**.1544**	**.0837**	**.0006**	**.0011**	**19.67**
Stddev	.0007	.036	.0007	.0038	.0006	.0002	.0014	.03
%RSD	31.63	.4579	14.57	2.477	.7722	29.69	132.3	.1486
#1	.0021	7.876	.0044	.1510	.0831	.0007	.0027	19.70
#2	.0017	7.805	.0058	.1536	.0837	.0005	.0000	19.64
#3	.0031	7.848	.0047	.1585	.0843	.0004	.0005	19.68

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0138**	**.0035**	**.0109**	**.0109**	**6.568**	**59.40**	**-.0290**
Stddev	.0005	.0048	.0003	.0000	.0005	.004	.16	.0008
%RSD	206.4	34.90	10.04	.4235	4.363	.0628	.2732	2.923
#1	.0003	.0084	.0037	.0110	.0111	6.572	59.39	-.0288
#2	-.0003	.0152	.0031	.0109	.0103	6.563	59.24	-.0299
#3	-.0007	.0177	.0037	.0110	.0112	6.567	59.57	-.0282

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.397**	**.2891**	**.0120**	F **971.9**	**.0126**	**1.435**	**.0039**	F **176.8**
Stddev	.023	.0009	.0004	19.5	.0003	.033	.0011	4.0
%RSD	.2442	.3018	3.359	2.008	2.562	2.272	26.84	2.269
#1	9.419	.2900	.0119	988.9	.0129	1.413	.0040	174.0
#2	9.374	.2883	.0116	950.6	.0122	1.420	.0049	175.0
#3	9.397	.2891	.0124	976.2	.0126	1.473	.0028	181.4

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0078**	**-.0072**	**12.72**	**.0013**	**.0775**	**.0853**	**.0005**	**.0144**
Stddev	.0021	.0012	.26	.0011	.0000	.0006	.0013	.0003
%RSD	26.71	16.68	2.043	82.75	.0605	.7186	248.0	2.407
#1	.0065	-.0060	12.54	.0011	.0775	.0849	.0019	.0145
#2	.0068	-.0084	12.61	.0004	.0774	.0860	-.0002	.0147
#3	.0103	-.0072	13.02	.0025	.0775	.0849	-.0002	.0141

Zoom In Zoom Out

Sample Name: je4529-1 Acquired: 1/27/2025 13:27:24 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0055**	**.0329**	F **-.0610**
Stddev	.0009	.0007	.0016
%RSD	16.54	2.054	2.698
#1	.0056	.0325	-.0596
#2	.0063	.0325	-.0605
#3	.0045	.0336	-.0628

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13157.**	**136510.**	**14211.**	**6914.0**
Stddev	100.	425.	77.	61.7
%RSD	.76228	.31129	.54527	.89197
#1	13211.	136470.	14126.	6944.0
#2	13218.	136110.	14229.	6954.9
#3	13041.	136950.	14277.	6843.1

Zoom In Zoom Out

Sample Name: je4529-2 Acquired: 1/27/2025 13:32:18 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**32.12**	**.0142**	**.1968**	**.0539**	**.0062**	**.0041**	F **342.7**
Stddev	.0009	.10	.0033	.0151	.0001	.0002	.0070	2.0
%RSD	204.2	.3189	23.04	7.652	.1515	3.401	169.5	.5880
#1	.0007	32.11	.0160	.1885	.0539	.0063	-.0012	344.3
#2	.0012	32.02	.0163	.1877	.0539	.0062	.0015	340.4
#3	-.0006	32.22	.0105	.2142	.0538	.0059	.0120	343.5

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0026**	**.1366**	**.0427**	**.0067**	**.0321**	**33.26**	**14.90**	F **-.0521**
Stddev	.0016	.0296	.0014	.0037	.0072	.07	.08	.0595
%RSD	60.95	21.64	3.178	55.85	22.30	.1997	.5339	114.2
#1	-.0037	.1227	.0438	.0046	.0274	33.27	14.86	-.0897
#2	-.0035	.1166	.0432	.0044	.0286	33.19	14.99	-.0831
#3	-.0008	.1706	.0412	.0110	.0404	33.32	14.84	.0165

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**83.96**	**5.638**	**.0096**	F **486.9**	**.0495**	**.1422**	**.0082**	F **738.3**
Stddev	.11	.777	.0019	2.6	.0006	.0019	.0026	10.2
%RSD	.1356	13.78	19.55	.5331	1.269	1.367	31.85	1.385
#1	84.04	5.218	.0089	485.3	.0496	.1443	.0109	745.7
#2	83.83	5.161	.0082	489.9	.0488	.1404	.0079	726.6
#3	84.01	6.534	.0117	485.5	.0501	.1420	.0058	742.7

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0111**	**-.0065**	**9.498**	**.0005**	**.9086**	**.0273**	**-.0076**	**.0241**
Stddev	.0091	.0021	.073	.0013	.0040	.0036	.0030	.0035
%RSD	81.61	31.70	.7650	273.4	.4399	13.09	39.48	14.33
#1	.0071	-.0071	9.555	.0018	.9081	.0255	-.0106	.0224
#2	.0048	-.0082	9.416	.0003	.9049	.0249	-.0075	.0219
#3	.0215	-.0042	9.523	-.0007	.9128	.0314	-.0046	.0281

Zoom In Zoom Out

Sample Name: je4529-2 Acquired: 1/27/2025 13:32:18 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0092**	**.0587**	F **-.0296**
Stddev	.0020	.0014	.0266
%RSD	21.92	2.376	89.87
#1	.0105	.0584	-.0453
#2	.0102	.0575	-.0447
#3	.0069	.0602	.0011

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13505.**	*****	**14435.**	**7242.2**
Stddev	58.	-----	46.	36.6
%RSD	.43174	-----	.31724	.50566
#1	13457.	143840.	14383.	7212.0
#2	13569.	145240.	14452.	7282.9
#3	13488.	-----	14470.	7231.7

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 13:37:36 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2405**	**38.86**	**1.956**	**1.977**	**1.991**	**1.944**	**2.021**	**39.45**	**1.990**
Stddev	.0005	.08	.003	.005	.001	.003	.003	.04	.002
%RSD	.2203	.2070	.1567	.2461	.0529	.1746	.1567	.1023	.1111
#1	.2400	38.89	1.954	1.972	1.992	1.943	2.020	39.47	1.989
#2	.2410	38.92	1.954	1.977	1.990	1.948	2.019	39.47	1.988
#3	.2406	38.77	1.960	1.981	1.990	1.941	2.025	39.40	1.992
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.975**	**2.063**	**1.913**	**2.118**	**39.49**	**41.48**	**2.030**	**39.31**	**2.000**
Stddev	.005	.003	.005	.001	.07	.14	.003	.05	.004
%RSD	.2650	.1404	.2897	.0354	.1782	.3381	.1641	.1169	.2211
#1	1.969	2.061	1.910	2.117	39.50	41.54	2.030	39.27	1.995
#2	1.978	2.061	1.909	2.118	39.56	41.58	2.033	39.36	2.004
#3	1.978	2.066	1.919	2.118	39.42	41.32	2.026	39.30	2.000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.940**	**39.38**	**2.048**	**2.014**	**2.073**	F **2.229**	**1.997**	**1.976**	**5.201**
Stddev	.003	.07	.003	.005	.003	.018	.006	.003	.009
%RSD	.1653	.1671	.1368	.2639	.1599	.8029	.3095	.1255	.1774
#1	1.937	39.38	2.048	2.013	2.073	2.250	1.993	1.974	5.194
#2	1.939	39.44	2.046	2.009	2.070	2.221	1.993	1.977	5.198
#3	1.943	39.31	2.051	2.020	2.077	2.217	2.004	1.978	5.212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value						2.000			
Range						10.00%			

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 13:37:36 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.033**	**2.058**	**1.966**	**2.070**	**1.930**	**1.943**	**2.012**	**1.952**
Stddev	.003	.006	.001	.003	.004	.003	.003	.002
%RSD	.1228	.3098	.0608	.1216	.2016	.1563	.1433	.0871
#1	2.031	2.057	1.965	2.069	1.928	1.940	2.010	1.950
#2	2.032	2.065	1.967	2.073	1.928	1.943	2.011	1.954
#3	2.036	2.052	1.965	2.068	1.934	1.946	2.015	1.953
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14989.**	**157550.**	**15110.**	**7718.3**
Stddev	9.	311.	89.	3.9
%RSD	.05780	.19708	.59047	.04995
#1	14979.	157910.	15018.	7722.5
#2	14997.	157400.	15115.	7715.0
#3	14990.	157350.	15196.	7717.3

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 13:42:28 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**-.0134**	**-.0001**	**.0052**	**.0000**	**.0001**	**.0008**	**.0129**	**.0003**
Stddev	.0008	.0146	.0002	.0007	.0004	.0001	.0012	.0018	.0002
%RSD	5076.	109.2	298.2	14.13	922.0	45.99	149.1	14.29	58.76
#1	-.0007	-.0166	-.0001	.0045	.0002	.0001	.0017	.0113	.0003
#2	-.0001	-.0262	-.0002	.0060	-.0005	.0002	-.0006	.0124	.0004
#3	.0008	.0026	.0001	.0052	.0004	.0002	.0012	.0149	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0027**	**.0003**	**-.0004**	**.0034**	**.0082**	**.5348**	**-.0113**	**-.0095**	**.0001**
Stddev	.0064	.0001	.0003	.0013	.0008	.0558	.0007	.0135	.0001
%RSD	233.3	51.58	72.31	37.49	10.02	10.44	6.601	141.9	92.30
#1	-.0067	.0002	-.0005	.0019	.0075	.5958	-.0115	.0027	.0002
#2	-.0061	.0002	-.0007	.0040	.0080	.5224	-.0120	-.0073	.0001
#3	.0046	.0004	-.0001	.0042	.0091	.4862	-.0105	-.0239	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.6850**	**-.0001**	**.0014**	**.0013**	F **.0917**	**-.0018**	**.0001**	**.0099**
Stddev	.0002	.0170	.0001	.0008	.0008	.0031	.0011	.0027	.0005
%RSD	18.27	2.479	121.1	56.92	58.60	3.351	61.34	2269.	5.357
#1	.0009	.6994	-.0001	.0007	.0011	.0940	-.0015	-.0025	.0093
#2	.0007	.6663	.0000	.0011	.0007	.0929	-.0031	.0029	.0101
#3	.0010	.6894	-.0003	.0022	.0022	.0882	-.0009	-.0000	.0103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0490			
Low Limit						-.0490			

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 13:42:28 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0002**	**.0008**	**-.0001**	**.0006**	**.0033**	**.0000**	**.0002**
Stddev	.0003	.0002	.0002	.0021	.0003	.0007	.0002	.0003
%RSD	32.05	83.00	24.99	2728.	54.18	21.34	671.0	159.5
#1	.0010	.0003	.0006	.0020	.0010	.0032	-.0002	.0003
#2	.0005	.0000	.0008	-.0022	.0006	.0040	.0001	.0004
#3	.0010	.0002	.0010	.0000	.0003	.0026	.0001	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16006.**	**163910.**	**15198.**	**7912.8**
Stddev	30.	371.	27.	10.3
%RSD	.18620	.22649	.17552	.12962
#1	16038.	164300.	15226.	7924.3
#2	16001.	163840.	15173.	7904.7
#3	15978.	163570.	15195.	7909.3

Zoom In Zoom Out

Sample Name: je4529-3 Acquired: 1/27/2025 13:47:17 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**1.300**	**.0097**	**.1822**	**.0516**	**.0004**	**.0049**	**157.0**
Stddev	.0007	.013	.0011	.0014	.0007	.0000	.0014	.3
%RSD	68.24	.9860	11.01	.7913	1.285	13.30	28.55	.1708
#1	.0003	1.312	.0089	.1838	.0508	.0003	.0034	157.3
#2	.0017	1.287	.0109	.1815	.0518	.0004	.0051	156.9
#3	.0011	1.301	.0092	.1812	.0521	.0004	.0061	156.8

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0016**	**.0029**	**-.0025**	**.0010**	**.0107**	**7.793**	**10.66**	**-.0460**
Stddev	.0002	.0034	.0004	.0001	.0007	.007	.11	.0024
%RSD	12.44	116.7	17.43	10.98	6.096	.0939	1.035	5.136
#1	-.0018	-.0002	-.0030	.0010	.0113	7.793	10.78	-.0444
#2	-.0014	.0025	-.0021	.0011	.0100	7.800	10.56	-.0448
#3	-.0016	.0065	-.0026	.0009	.0109	7.786	10.64	-.0487

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.02**	**1.131**	**.0072**	**68.56**	**.0043**	**.1039**	**.0036**	F **143.4**
Stddev	.02	.002	.0003	.03	.0008	.0014	.0017	1.1
%RSD	.0853	.2104	4.859	.0496	18.78	1.363	47.27	.7665
#1	24.03	1.133	.0068	68.55	.0052	.1055	.0050	144.5
#2	24.04	1.129	.0075	68.59	.0038	.1027	.0041	143.3
#3	24.00	1.130	.0073	68.53	.0038	.1037	.0017	142.3

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0073**	F **-.0118**	**6.342**	**.0003**	**.2645**	**.0076**	**-.0067**	**.0077**
Stddev	.0010	.0025	.046	.0010	.0002	.0007	.0009	.0005
%RSD	13.11	21.00	.7224	385.8	.0906	9.796	12.98	6.140
#1	.0070	-.0113	6.389	.0003	.2647	.0082	-.0073	.0082
#2	.0084	-.0096	6.339	.0012	.2646	.0078	-.0071	.0072
#3	.0066	-.0145	6.298	-.0008	.2643	.0067	-.0057	.0076

Zoom In Zoom Out

Sample Name: je4529-3 Acquired: 1/27/2025 13:47:17 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0037**	**.0268**	F **-.0315**
Stddev	.0012	.0001	.0004
%RSD	33.13	.3870	1.149
#1	.0042	.0268	-.0319
#2	.0023	.0270	-.0315
#3	.0045	.0268	-.0311

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14575.**	**151590.**	**14684.**	**7480.5**
Stddev	62.	817.	22.	39.4
%RSD	.42557	.53914	.15257	.52659
#1	14556.	150760.	14709.	7462.3
#2	14526.	152390.	14667.	7453.5
#3	14645.	151630.	14676.	7525.7

Zoom In Zoom Out

Sample Name: je4529-4 Acquired: 1/27/2025 13:52:00 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0104**	**230.6**	**.1245**	**.2083**	**.0824**	**.0175**	**-.0126**	F **501.7**
Stddev	.0014	.9	.0018	.0084	.0008	.0001	.0019	5.6
%RSD	13.66	.4020	1.452	4.042	.9486	.3390	15.38	1.126
#1	.0110	229.7	.1237	.2044	.0819	.0175	-.0108	504.4
#2	.0114	231.6	.1266	.2180	.0820	.0175	-.0122	495.2
#3	.0087	230.5	.1233	.2026	.0833	.0176	-.0147	505.5

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0027**	**.6411**	**.0318**	**.0873**	**.1805**	F **283.5**	**37.73**	F **-.1410**
Stddev	.0003	.0018	.0007	.0004	.0005	1.3	.09	.0010
%RSD	12.59	.2810	2.210	.5145	.2683	.4681	.2443	.7262
#1	-.0024	.6427	.0315	.0876	.1809	282.3	37.68	-.1413
#2	-.0027	.6416	.0326	.0876	.1807	284.9	37.84	-.1398
#3	-.0030	.6392	.0313	.0868	.1800	283.4	37.68	-.1418

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**73.58**	**4.318**	**.0205**	F **763.6**	**.1017**	F **8.107**	**.1226**	F **881.1**
Stddev	.19	.043	.0006	4.4	.0023	.227	.0022	14.3
%RSD	.2586	.9982	3.046	.5774	2.299	2.798	1.767	1.619
#1	73.42	4.276	.0199	764.2	.1003	7.946	.1202	871.9
#2	73.79	4.315	.0211	767.7	.1044	8.366	.1241	897.5
#3	73.54	4.362	.0205	759.0	.1005	8.007	.1237	873.9

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	F **-.0337**	F **63.13**	**.0022**	**2.347**	**.1414**	**.0618**	**2.486**
Stddev	.0026	.0035	1.79	.0010	.014	.0002	.0019	.002
%RSD	366.1	10.47	2.830	44.54	.5834	.1454	3.110	.0780
#1	-.0018	-.0312	61.90	.0026	2.332	.1416	.0616	2.487
#2	.0033	-.0377	65.18	.0011	2.359	.1414	.0639	2.484
#3	.0005	-.0322	62.31	.0028	2.348	.1412	.0601	2.487

Zoom In Zoom Out

Sample Name: je4529-4 Acquired: 1/27/2025 13:52:00 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0177**	**.4965**	F **-.3020**
Stddev	.0008	.0136	.0088
%RSD	4.593	2.733	2.901
#1	.0170	.4870	-.2960
#2	.0176	.5121	-.3121
#3	.0186	.4905	-.2980

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13006.**	**151980.**	**15687.**	**7637.9**
Stddev	236.	202.	45.	177.1
%RSD	1.8130	.13292	.28932	2.3189
#1	13156.	152170.	15734.	7749.8
#2	12734.	152000.	15644.	7433.7
#3	13127.	151770.	15683.	7730.2

Zoom In Zoom Out

Sample Name: je4529-5 Acquired: 1/27/2025 13:57:20 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037**	**49.39**	**.0669**	**.1764**	**.0154**	**.0070**	**.0047**	F **525.3**
Stddev	.0022	2.47	.0071	.0234	.0004	.0003	.0133	22.7
%RSD	59.75	5.009	10.60	13.25	2.330	4.714	284.3	4.326
#1	.0012	47.96	.0589	.2034	.0154	.0069	.0192	514.8
#2	.0053	52.24	.0725	.1627	.0158	.0074	-.0068	551.4
#3	.0046	47.96	.0693	.1632	.0151	.0067	.0016	509.7

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0035**	**.1316**	**.0638**	**.0205**	**.0092**	**118.1**	**108.5**	**.0081**
Stddev	.0019	.0456	.0016	.0056	.0022	5.9	5.2	.0900
%RSD	54.94	34.64	2.470	27.46	23.37	4.976	4.766	1108.
#1	-.0013	.1837	.0620	.0270	.0068	114.5	105.6	.1118
#2	-.0046	.1116	.0650	.0175	.0101	124.9	114.5	-.0385
#3	-.0046	.0993	.0645	.0170	.0108	114.8	105.5	-.0490

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**42.59**	**4.896**	**-.0040**	F **404.9**	**.1141**	**.0424**	**.0076**	F **890.7**
Stddev	2.07	.566	.0037	2.7	.0051	.0023	.0021	6.7
%RSD	4.854	11.57	91.77	.6665	4.477	5.346	27.08	.7493
#1	41.40	5.550	.0002	404.3	.1200	.0448	.0052	887.2
#2	44.98	4.541	-.0063	402.5	.1112	.0404	.0091	898.4
#3	41.39	4.599	-.0059	407.8	.1112	.0418	.0084	886.5

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017**	F **-.0226**	F **37.33**	**-.0002**	**1.338**	**.0219**	**.0168**	**.0507**
Stddev	.0198	.0072	.75	.0005	.066	.0032	.0068	.0071
%RSD	1172.	31.91	1.998	279.7	4.925	14.51	40.35	13.98
#1	.0245	-.0145	38.19	.0002	1.299	.0255	.0091	.0589
#2	-.0107	-.0284	36.94	-.0008	1.414	.0194	.0196	.0464
#3	-.0087	-.0247	36.86	.0001	1.300	.0207	.0218	.0468

Zoom In Zoom Out

Sample Name: je4529-5 Acquired: 1/27/2025 13:57:20 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0075**	**.1505**	F **-.1221**
Stddev	.0037	.0043	.1028
%RSD	49.47	2.870	84.17
#1	.0034	.1555	-.0034
#2	.0107	.1479	-.1812
#3	.0085	.1481	-.1818

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13076.**	*****	**13669.**	**7003.1**
Stddev	198.	-----	589.	135.9
%RSD	1.5169	-----	4.3121	1.9400
#1	12849.	-----	13946.	6847.0
#2	13164.	139020.	12993.	7067.1
#3	13215.	139530.	14069.	7095.0

Zoom In Zoom Out

Sample Name: je4529-1f Acquired: 1/27/2025 14:02:35 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.5910**	**.0036**	**.1485**	**.0232**	**.0002**	**.0025**	**6.889**	**-.0000**
Stddev	.0005	.0121	.0006	.0011	.0005	.0002	.0027	.048	.0003
%RSD	102.0	2.053	15.46	.7076	1.972	92.23	107.3	.6996	841.7
#1	.0000	.5842	.0032	.1488	.0230	.0001	.0016	6.940	.0002
#2	.0010	.6050	.0042	.1493	.0228	.0003	.0055	6.883	-.0004
#3	.0005	.5838	.0033	.1473	.0237	.0000	.0004	6.844	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0048**	**-.0002**	**.0002**	**.0042**	**.1312**	**60.80**	**-.0353**	**6.303**	**.0931**
Stddev	.0020	.0002	.0005	.0004	.0036	.29	.0051	.032	.0001
%RSD	41.08	129.7	271.2	9.951	2.760	.4812	14.50	.5097	.1281
#1	-.0057	-.0000	.0002	.0039	.1292	61.13	-.0297	6.325	.0930
#2	-.0025	-.0004	-.0003	.0046	.1354	60.68	-.0396	6.318	.0932
#3	-.0062	-.0000	.0007	.0040	.1290	60.58	-.0368	6.266	.0932

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0108**	F **974.6**	**.0032**	**1.175**	**.0024**	F **179.2**	**.0028**	**-.0048**	**1.309**
Stddev	.0002	28.1	.0005	.006	.0020	1.0	.0014	.0027	.008
%RSD	1.857	2.887	14.62	.4771	83.71	.5375	48.99	55.81	.6439
#1	.0106	1007.	.0037	1.179	.0040	179.8	.0044	-.0072	1.314
#2	.0108	962.7	.0027	1.177	.0001	179.8	.0023	-.0052	1.313
#3	.0110	954.3	.0032	1.169	.0031	178.1	.0017	-.0019	1.299

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0366**	**.0013**	**-.0025**	**.0055**	**.0021**	**.0056**	**-.0059**
Stddev	.0007	.0003	.0006	.0015	.0002	.0006	.0002	.0002
%RSD	217.2	.8599	42.89	58.52	3.743	30.00	3.297	3.303
#1	.0005	.0369	.0016	-.0008	.0057	.0016	.0058	-.0058
#2	-.0006	.0366	.0007	-.0033	.0053	.0019	.0056	-.0058
#3	-.0008	.0362	.0018	-.0033	.0055	.0028	.0054	-.0061

Zoom In Zoom Out

Sample Name: je4529-1f Acquired: 1/27/2025 14:02:35 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13164.**	**137970.**	**14124.**	**7045.3**
Stddev	18.	362.	122.	10.6
%RSD	.13335	.26243	.86237	.15095
#1	13144.	137770.	13997.	7033.1
#2	13169.	138380.	14136.	7050.2
#3	13178.	137740.	14239.	7052.5

Zoom In Zoom Out

Sample Name: je4529-3f Acquired: 1/27/2025 14:07:27 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0373**	**.0030**	**.1713**	**.0594**	**.0001**	**.0060**	**152.8**
Stddev	.0005	.0145	.0016	.0032	.0004	.0002	.0017	.5
%RSD	65.46	38.86	52.45	1.893	.6390	236.1	27.61	.3064
#1	.0011	.0207	.0032	.1743	.0590	.0003	.0042	152.3
#2	.0011	.0470	.0014	.1718	.0598	-.0001	.0075	153.2
#3	.0002	.0444	.0046	.1679	.0595	.0000	.0062	153.1

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0016**	**.0047**	**-.0025**	**-.0003**	**.0041**	**.4558**	**11.16**	**-.0354**
Stddev	.0002	.0011	.0001	.0003	.0007	.0036	.02	.0015
%RSD	15.34	24.04	5.315	104.7	16.56	.7824	.2009	4.169
#1	-.0018	.0036	-.0025	-.0003	.0033	.4596	11.13	-.0341
#2	-.0014	.0058	-.0026	.0000	.0046	.4525	11.16	-.0370
#3	-.0015	.0046	-.0023	-.0006	.0043	.4554	11.18	-.0352

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.82**	**1.148**	**.0050**	**69.71**	**.0023**	**.0074**	**.0000**	F **143.5**
Stddev	.08	.003	.0002	.27	.0001	.0011	.0009	2.5
%RSD	.3524	.2780	4.350	.3933	2.387	15.22	7688.	1.724
#1	23.72	1.145	.0052	69.39	.0023	.0087	-.0002	145.9
#2	23.88	1.151	.0049	69.81	.0023	.0066	.0010	143.7
#3	23.85	1.149	.0048	69.91	.0022	.0070	-.0007	141.0

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0087**	F **-.0100**	**5.433**	**-.0005**	**.2581**	**-.0000**	**-.0086**	**.0001**
Stddev	.0019	.0003	.091	.0008	.0012	.0001	.0007	.0005
%RSD	22.25	3.119	1.685	169.1	.4458	4592.	8.556	568.4
#1	.0080	-.0099	5.522	.0005	.2568	-.0001	-.0081	.0001
#2	.0109	-.0104	5.438	-.0010	.2591	-.0001	-.0082	.0006
#3	.0073	-.0098	5.339	-.0009	.2583	.0001	-.0094	-.0004

Zoom In Zoom Out

Sample Name: je4529-3f Acquired: 1/27/2025 14:07:27 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0024**	**.0143**	F **-.0276**
Stddev	.0004	.0002	.0004
%RSD	15.32	1.476	1.441
#1	.0027	.0144	-.0280
#2	.0020	.0145	-.0275
#3	.0023	.0141	-.0272

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14489.**	**150740.**	**14473.**	**7440.8**
Stddev	142.	515.	25.	87.7
%RSD	.98054	.34189	.17609	1.1786
#1	14342.	151230.	14478.	7346.8
#2	14500.	150200.	14495.	7455.4
#3	14625.	150780.	14445.	7520.3

Zoom In Zoom Out

Sample Name: je4529-4f Acquired: 1/27/2025 14:12:09 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.5557**	**.0165**	**.1937**	**.0478**	**.0007**	**.0023**	F **556.1**
Stddev	.0008	.0129	.0007	.0037	.0004	.0001	.0008	3.0
%RSD	567.5	2.320	4.129	1.895	.9231	20.03	34.42	.5472
#1	.0005	.5685	.0173	.1895	.0476	.0008	.0014	558.6
#2	.0001	.5558	.0163	.1965	.0483	.0005	.0028	557.0
#3	-.0011	.5428	.0160	.1951	.0475	.0007	.0027	552.7

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0058**	**.0864**	**.0069**	**.0008**	**.0034**	**144.8**	**40.91**	F **-.1362**
Stddev	.0004	.0184	.0006	.0006	.0010	.2	.10	.0034
%RSD	6.090	21.27	8.300	73.36	29.24	.1127	.2392	2.525
#1	-.0061	.0769	.0075	.0003	.0024	145.0	40.85	-.1325
#2	-.0059	.0747	.0069	.0007	.0033	144.7	41.02	-.1370
#3	-.0054	.1076	.0063	.0015	.0044	144.7	40.85	-.1392

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**34.00**	**2.861**	**-.0008**	F **819.5**	**.0221**	**.0239**	**.0083**	F **895.9**
Stddev	.07	.304	.0002	10.8	.0002	.0014	.0009	6.8
%RSD	.2042	10.63	31.00	1.311	.7257	5.767	10.52	.7584
#1	34.06	2.690	-.0010	821.5	.0221	.0228	.0077	888.2
#2	34.01	2.682	-.0005	829.1	.0223	.0254	.0078	901.0
#3	33.93	3.212	-.0008	807.9	.0219	.0234	.0093	898.5

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0024**	**-.0063**	**6.057**	**-.0000**	**2.559**	**-.0003**	**-.0070**	**.0055**
Stddev	.0003	.0030	.054	.0007	.003	.0004	.0017	.0008
%RSD	13.18	47.20	.8931	2015.	.1077	130.1	24.64	14.10
#1	-.0026	-.0088	5.995	.0008	2.557	-.0007	-.0062	.0051
#2	-.0021	-.0069	6.094	-.0004	2.562	-.0003	-.0058	.0051
#3	-.0026	-.0030	6.083	-.0005	2.559	.0001	-.0089	.0064

Zoom In Zoom Out

Sample Name: je4529-4f Acquired: 1/27/2025 14:12:09 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0107**	**.0414**	F **-.0276**
Stddev	.0006	.0004	.0005
%RSD	5.399	.9917	1.660
#1	.0101	.0410	-.0272
#2	.0112	.0417	-.0276
#3	.0109	.0417	-.0281

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12929.**	**128140.**	**13864.**	**6808.5**
Stddev	97.	13867.	26.	58.5
%RSD	.75191	10.822	.18593	.85881
#1	13037.	136180.	13868.	6874.7
#2	12849.	136110.	13837.	6763.9
#3	12901.	112130.	13888.	6786.8

Zoom In Zoom Out

Sample Name: je4529-5f Acquired: 1/27/2025 14:17:30 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034**	**64.47**	**.0517**	**.1624**	**.0122**	**.0087**	**.0069**	F **474.8**
Stddev	.0033	.08	.0097	.0188	.0009	.0001	.0125	1.5
%RSD	96.10	.1190	18.84	11.58	7.449	1.222	181.7	.3209
#1	-.0004	64.43	.0404	.1841	.0132	.0086	.0212	476.3
#2	.0054	64.42	.0571	.1511	.0114	.0088	-.0012	474.8
#3	.0053	64.55	.0575	.1519	.0120	.0088	.0006	473.3

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0029**	**.1560**	**.0880**	**.0242**	**.0110**	**123.1**	**92.02**	**.0078**
Stddev	.0020	.0490	.0024	.0070	.0017	.1	.44	.0847
%RSD	67.78	31.40	2.708	28.97	15.64	.0823	.4820	1088.
#1	-.0006	.2123	.0852	.0323	.0130	122.9	91.56	.1055
#2	-.0040	.1326	.0895	.0200	.0099	123.1	92.04	-.0382
#3	-.0042	.1231	.0892	.0202	.0100	123.1	92.45	-.0439

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**55.32**	**6.616**	**-.0039**	F **411.5**	**.1547**	**.0194**	**.0063**	F **909.9**
Stddev	.02	.916	.0031	3.8	.0030	.0024	.0023	5.2
%RSD	.0293	13.84	79.63	.9324	1.953	12.11	36.83	.5720
#1	55.30	7.674	-.0003	407.0	.1582	.0217	.0036	913.4
#2	55.33	6.099	-.0058	413.9	.1527	.0195	.0076	903.9
#3	55.31	6.077	-.0056	413.4	.1532	.0170	.0076	912.3

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0046**	F **-.0240**	F **35.21**	**.0011**	**1.245**	**-.0004**	**.0145**	**.0631**
Stddev	.0162	.0099	.04	.0003	.001	.0009	.0074	.0094
%RSD	356.0	41.42	.1253	29.34	.0712	244.9	50.65	14.96
#1	.0233	-.0131	35.22	.0008	1.244	.0007	.0062	.0741
#2	-.0045	-.0263	35.25	.0012	1.246	-.0011	.0172	.0578
#3	-.0051	-.0325	35.17	.0014	1.246	-.0007	.0201	.0576

Zoom In Zoom Out

Sample Name: je4529-5f Acquired: 1/27/2025 14:17:30 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0084**	**.1981**	F **-.1168**
Stddev	.0025	.0017	.0979
%RSD	30.21	.8791	83.82
#1	.0055	.2001	-.0037
#2	.0095	.1972	-.1732
#3	.0101	.1969	-.1734

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13253.**	*****	**14187.**	**7127.0**
Stddev	27.	-----	52.	20.4
%RSD	.20711	-----	.36649	.28606
#1	13276.	-----	14199.	7142.1
#2	13261.	141370.	14233.	7135.0
#3	13223.	142410.	14131.	7103.8

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 14:22:49 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 10%rinse

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**-.0158**	**-.0006**	**.0014**	**-.0004**	**.0001**	**.0030**	**.0015**	**-.0000**
Stddev	.0010	.0140	.0004	.0016	.0004	.0000	.0010	.0024	.0002
%RSD	142.7	88.97	69.98	111.4	95.16	46.83	34.06	158.8	2144.
#1	.0017	-.0046	-.0002	.0027	-.0004	.0001	.0025	-.0001	.0002
#2	-.0004	-.0315	-.0006	.0020	-.0000	.0002	.0023	.0042	-.0002
#3	.0009	-.0112	-.0011	-.0004	-.0008	.0001	.0042	.0004	-.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0056**	**-.0001**	**-.0004**	**.0031**	**.0064**	**.1515**	**-.0244**	**-.0209**	**.0000**
Stddev	.0035	.0001	.0001	.0002	.0010	.0610	.0038	.0147	.0000
%RSD	63.40	189.5	31.71	7.136	15.47	40.22	15.53	70.64	89.97
#1	-.0056	.0000	-.0005	.0032	.0054	.1375	-.0227	-.0250	.0000
#2	-.0091	-.0002	-.0004	.0028	.0064	.0989	-.0217	-.0045	.0000
#3	-.0020	-.0000	-.0002	.0032	.0073	.2183	-.0287	-.0331	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.6943**	**-.0001**	**.0016**	**.0001**	**.2078**	**-.0004**	**-.0007**	**.0178**
Stddev	.0001	.0242	.0006	.0007	.0007	.0061	.0022	.0013	.0019
%RSD	59.65	3.484	775.9	42.44	1152.	2.912	601.2	173.8	10.40
#1	.0001	.7221	.0006	.0008	-.0001	.2148	-.0023	-.0022	.0197
#2	.0004	.6828	-.0001	.0020	-.0005	.2049	-.0008	-.0003	.0178
#3	.0002	.6780	-.0007	.0019	.0008	.2038	.0020	.0002	.0160

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0001**	**.0006**	**.0016**	**.0003**	**.0064**	**-.0002**	**.0002**
Stddev	.0002	.0002	.0002	.0009	.0004	.0009	.0000	.0002
%RSD	46.87	104.1	42.09	54.71	111.2	13.93	15.16	98.72
#1	.0005	-.0000	.0004	.0022	.0005	.0066	-.0002	.0003
#2	.0007	.0003	.0005	.0006	.0005	.0054	-.0002	-.0000
#3	.0002	.0002	.0008	.0020	-.0001	.0071	-.0002	.0002

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 14:22:49 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 10%rinse

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16326.**	**169490.**	**15393.**	**8017.7**
Stddev	124.	3053.	53.	83.0
%RSD	.76040	1.8009	.34506	1.0351
#1	16460.	172550.	15446.	8108.1
#2	16214.	166450.	15340.	7945.0
#3	16304.	169480.	15393.	8000.0

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 14:27:39 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 10%rinse

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0085**	**-.0011**	**.0008**	**.0004**	**.0001**	**.0001**	**.0120**	**.0001**
Stddev	.0001	.0171	.0006	.0006	.0009	.0002	.0019	.0009	.0001
%RSD	32.42	200.0	50.36	71.64	263.3	321.8	1627.	7.528	72.35
#1	.0001	-.0034	-.0012	.0011	.0003	.0002	.0019	.0119	.0002
#2	.0002	.0281	-.0005	.0013	-.0005	.0001	.0004	.0130	.0000
#3	.0003	.0010	-.0016	.0001	.0013	-.0001	-.0019	.0112	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0032**	**.0001**	**-.0006**	**.0023**	**.0069**	**.1383**	**-.0197**	**.0020**	**.0001**
Stddev	.0046	.0002	.0004	.0009	.0039	.0501	.0070	.0210	.0001
%RSD	143.3	290.2	67.75	39.03	55.89	36.19	35.63	1048.	140.2
#1	-.0008	.0002	-.0005	.0034	.0033	.0805	-.0249	-.0030	.0001
#2	-.0086	-.0001	-.0010	.0020	.0064	.1668	-.0226	-.0161	.0001
#3	-.0003	.0000	-.0002	.0017	.0110	.1676	-.0117	.0251	-.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.5374**	**-.0002**	**.0014**	**.0005**	**.1204**	**-.0009**	**-.0025**	**.0068**
Stddev	.0001	.0458	.0003	.0007	.0007	.0026	.0011	.0029	.0010
%RSD	86.16	8.516	117.6	51.69	147.4	2.136	117.7	114.4	15.38
#1	.0002	.5900	-.0001	.0012	-.0000	.1232	.0000	-.0042	.0070
#2	.0000	.5157	-.0005	.0009	.0002	.1198	-.0007	.0008	.0057
#3	.0002	.5066	-.0000	.0023	.0013	.1182	-.0021	-.0041	.0078

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**-.0000**	**.0004**	**-.0012**	**.0003**	**.0034**	**-.0002**	**-.0000**
Stddev	.0003	.0001	.0001	.0013	.0003	.0003	.0001	.0003
%RSD	811.2	217.3	14.16	113.2	113.6	9.050	37.36	2049.
#1	-.0002	.0001	.0004	-.0025	.0000	.0031	-.0002	-.0003
#2	.0004	-.0001	.0003	.0002	.0007	.0033	-.0003	.0002
#3	-.0001	-.0001	.0004	-.0012	.0002	.0037	-.0002	.0001

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 14:27:39 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 10%rinse

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16251.**	**165240.**	**15034.**	**7950.3**
Stddev	66.	239.	59.	36.7
%RSD	.40347	.14475	.39389	.46218
#1	16288.	165350.	14968.	7975.3
#2	16176.	165400.	15049.	7908.1
#3	16290.	164960.	15084.	7967.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 14:32:32 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2413**	**39.09**	**1.954**	**1.973**	**2.006**	**1.949**	**2.020**	**39.50**	**1.987**
Stddev	.0009	.09	.004	.006	.002	.003	.005	.04	.005
%RSD	.3646	.2225	.1811	.2959	.1138	.1267	.2686	.0987	.2530
#1	.2407	39.14	1.951	1.968	2.009	1.951	2.016	39.54	1.984
#2	.2409	39.15	1.954	1.973	2.006	1.950	2.016	39.48	1.985
#3	.2423	38.99	1.958	1.979	2.005	1.947	2.026	39.47	1.993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.988**	**2.047**	**1.927**	**2.099**	**39.41**	**41.56**	**2.044**	**39.29**	**1.998**
Stddev	.005	.005	.004	.001	.03	.04	.004	.11	.022
%RSD	.2764	.2494	.2147	.0396	.0638	.1028	.1802	.2675	1.097
#1	1.988	2.043	1.928	2.099	39.43	41.59	2.047	39.40	2.014
#2	1.982	2.045	1.923	2.098	39.41	41.58	2.045	39.26	1.973
#3	1.993	2.053	1.931	2.099	39.38	41.51	2.040	39.19	2.006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.952**	**39.99**	**2.038**	**2.001**	**2.056**	**2.187**	**1.994**	**1.968**	**5.182**
Stddev	.006	.09	.003	.002	.005	.002	.004	.009	.012
%RSD	.3288	.2221	.1681	.1049	.2349	.0931	.2179	.4613	.2317
#1	1.947	40.06	2.035	2.002	2.052	2.189	1.990	1.964	5.172
#2	1.949	40.02	2.037	1.999	2.056	2.186	1.993	1.962	5.179
#3	1.959	39.89	2.042	2.003	2.062	2.185	1.998	1.979	5.195
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 14:32:32 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.029**	**2.063**	**1.975**	**2.066**	**1.944**	**1.948**	**2.009**	**1.963**
Stddev	.006	.001	.001	.005	.004	.004	.004	.003
%RSD	.3177	.0636	.0289	.2397	.1915	.2265	.2155	.1261
#1	2.025	2.064	1.976	2.066	1.944	1.946	2.006	1.963
#2	2.025	2.062	1.975	2.061	1.940	1.944	2.007	1.960
#3	2.036	2.064	1.975	2.071	1.947	1.953	2.014	1.965
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14778.**	**153890.**	**14817.**	**7517.8**
Stddev	22.	528.	16.	13.2
%RSD	.15058	.34299	.10653	.17503
#1	14790.	153750.	14800.	7526.5
#2	14791.	154480.	14830.	7524.3
#3	14752.	153450.	14821.	7502.7

Inst QC: MA57769

Zoom In / Zoom Out

Sample Name: ccb Acquired: 1/27/2025 14:37:23 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0034**	**.0002**	**.0043**	**.0006**	**.0002**	**.0000**	**.0093**	**.0003**
Stddev	.0003	.0104	.0012	.0002	.0004	.0001	.0012	.0010	.0003
%RSD	256.4	306.8	725.9	5.742	67.78	33.55	6055.	10.78	111.7
#1	-.0003	-.0035	.0016	.0044	.0010	.0001	-.0012	.0098	-.0001
#2	.0002	.0153	-.0004	.0040	.0003	.0002	.0013	.0081	.0004
#3	-.0002	-.0016	-.0007	.0044	.0004	.0003	.0000	.0100	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0050**	**-.0000**	**-.0000**	**.0027**	**.0084**	**.5009**	**-.0149**	**-.0117**	**.0001**
Stddev	.0037	.0002	.0001	.0008	.0016	.0051	.0067	.0118	.0000
%RSD	75.35	1354.	240.0	28.87	19.44	1.028	44.81	100.4	36.01
#1	-.0009	.0002	-.0002	.0036	.0068	.4961	-.0226	.0018	.0002
#2	-.0082	-.0000	.0001	.0024	.0085	.5063	-.0103	-.0173	.0001
#3	-.0058	-.0002	-.0000	.0021	.0100	.5001	-.0118	-.0196	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.7611**	**.0001**	**.0019**	**.0004**	F **.1132**	**-.0010**	**-.0022**	**.0036**
Stddev	.0003	.0138	.0002	.0019	.0005	.0027	.0003	.0019	.0006
%RSD	38.29	1.811	162.6	99.82	106.8	2.388	34.82	82.49	15.95
#1	.0011	.7705	.0003	.0039	.0001	.1162	-.0012	-.0009	.0042
#2	.0008	.7453	-.0000	.0013	.0002	.1126	-.0006	-.0014	.0031
#3	.0005	.7676	.0000	.0004	.0010	.1109	-.0011	-.0044	.0036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0490			
Low Limit						-.0490			

Zoom In / Zoom Out

Sample Name: ccb Acquired: 1/27/2025 14:37:23 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0001**	**.0005**	**.0010**	**.0007**	**.0030**	**-.0002**	**-.0000**
Stddev	.0002	.0001	.0005	.0008	.0001	.0008	.0001	.0004
%RSD	45.40	156.6	99.63	73.52	20.75	26.76	48.38	13010.
#1	.0006	-.0001	.0012	.0005	.0008	.0034	-.0001	-.0002
#2	.0002	.0002	.0002	.0019	.0005	.0021	-.0001	-.0002
#3	.0004	.0002	.0002	.0007	.0007	.0035	-.0003	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15952.**	**160730.**	**14860.**	**7747.4**
Stddev	10.	483.	33.	3.5
%RSD	.06339	.30069	.22257	.04532
#1	15963.	160320.	14897.	7751.2
#2	15944.	161260.	14851.	7744.2
#3	15948.	160610.	14833.	7746.9

Zoom In / Zoom Out

Sample Name: mp52373-b1 Acquired: 1/27/2025 14:42:13 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2466**	**24.95**	**1.902**	**1.943**	**2.010**	**1.964**	**-.0146**	**25.16**	**1.986**
Stddev	.0004	.07	.052	.053	.006	.004	.0027	.02	.053
%RSD	.1447	.2879	2.747	2.753	.2822	.2072	18.47	.0640	2.656
#1	.2470	24.89	1.899	1.941	2.004	1.959	-.0144	25.15	1.985
#2	.2464	25.03	1.851	1.890	2.013	1.966	-.0121	25.16	1.933
#3	.2464	24.94	1.956	1.997	2.014	1.966	-.0174	25.18	2.039

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0080**	**2.056**	**1.949**	**2.090**	**25.17**	**26.45**	**-.0243**	**25.28**	**2.016**
Stddev	.0066	.045	.001	.006	.05	.03	.0047	.04	.015
%RSD	82.08	2.180	.0537	.2834	.1953	.1048	19.43	.1563	.7382
#1	-.0004	2.058	1.950	2.095	25.11	26.42	-.0266	25.25	2.029
#2	-.0121	2.010	1.948	2.090	25.20	26.47	-.0275	25.32	2.019
#3	-.0114	2.100	1.948	2.084	25.19	26.45	-.0189	25.27	2.000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.953**	**25.89**	**2.054**	**2.023**	**2.059**	**.1244**	**1.966**	**1.995**	**-.0579**
Stddev	.054	.07	.046	.050	.048	.0047	.051	.053	.0011
%RSD	2.743	.2738	2.244	2.473	2.348	3.804	2.591	2.654	1.928
#1	1.950	25.81	2.057	2.022	2.062	.1258	1.966	1.992	-.0589
#2	1.900	25.93	2.007	1.973	2.009	.1192	1.915	1.944	-.0567
#3	2.007	25.94	2.099	2.074	2.106	.1283	2.017	2.050	-.0580

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.021**	**2.038**	**1.964**	**1.856**	**1.957**	**1.900**	**2.013**	**1.988**
Stddev	.055	.006	.001	.045	.002	.049	.054	.001
%RSD	2.709	.2916	.0623	2.406	.0941	2.570	2.690	.0333
#1	2.020	2.031	1.965	1.856	1.959	1.900	2.011	1.988
#2	1.968	2.042	1.964	1.812	1.957	1.851	1.960	1.988
#3	2.077	2.040	1.963	1.901	1.956	1.949	2.069	1.987

Zoom In / Zoom Out

Sample Name: mp52373-b1 Acquired: 1/27/2025 14:42:13 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15009.**	**155340.**	**14775.**	**7529.5**
Stddev	272.	213.	31.	170.4
%RSD	1.8118	.13724	.20986	2.2631
#1	14993.	155170.	14807.	7538.2
#2	15289.	155270.	14773.	7695.4
#3	14746.	155580.	14745.	7354.9

Zoom In Zoom Out

Sample Name: mp52373-mb1 7 Acquired: 1/27/2025 14:47:02 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0183**	**-.0003**	**.0045**	**.0001**	**.0001**	**.0007**	**.0041**	**-.0000**
Stddev	.0006	.0063	.0011	.0007	.0003	.0001	.0017	.0025	.0002
%RSD	314.2	34.25	348.7	14.63	231.6	70.21	245.9	62.01	417.0
#1	.0003	-.0125	-.0016	.0041	.0005	.0001	.0006	.0020	-.0001
#2	-.0008	-.0174	.0003	.0041	-.0000	.0002	.0024	.0069	-.0002
#3	-.0001	-.0250	.0003	.0052	-.0001	.0000	-.0009	.0034	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0000**	**-.0003**	**.0017**	**.0029**	**.4058**	**-.0165**	**.0022**	**.0000**
Stddev	.0038	.0002	.0002	.0003	.0044	.1023	.0020	.0226	.0000
%RSD	990.0	4132.	74.34	15.60	153.3	25.22	11.83	1022.	196.7
#1	.0006	.0000	-.0006	.0020	.0079	.3968	-.0187	.0130	.0000
#2	-.0046	-.0002	-.0003	.0015	.0006	.3083	-.0150	-.0238	.0000
#3	.0028	.0002	-.0001	.0016	.0000	.5124	-.0158	.0174	-.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.5814**	**-.0003**	**.0256**	**-.0003**	**.0785**	**.0011**	**-.0004**	**.0032**
Stddev	.0001	.0148	.0001	.0009	.0010	.0033	.0022	.0020	.0016
%RSD	14.11	2.544	28.24	3.494	401.2	4.177	203.1	509.9	50.38
#1	.0009	.5980	-.0003	.0260	.0007	.0822	.0017	.0011	.0033
#2	.0007	.5696	-.0002	.0261	-.0013	.0758	.0028	.0003	.0049
#3	.0009	.5765	-.0003	.0245	-.0002	.0775	-.0013	-.0026	.0016

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**-.0002**	**.0010**	**.0014**	**.0004**	**.0063**	**.0011**	**.0004**
Stddev	.0010	.0002	.0003	.0013	.0003	.0009	.0000	.0003
%RSD	291.0	77.87	26.64	97.81	78.22	14.34	2.112	66.73
#1	-.0006	-.0001	.0011	.0028	.0000	.0063	.0011	.0006
#2	.0002	-.0002	.0007	.0001	.0005	.0054	.0011	.0004
#3	.0015	-.0004	.0012	.0012	.0006	.0072	.0011	.0001

Zoom In Zoom Out

Sample Name: mp52373-mb1 7 Acquired: 1/27/2025 14:47:02 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16039.**	**161460.**	**14957.**	**7763.1**
Stddev	87.	38.	29.	49.2
%RSD	.54145	.02381	.19486	.63366
#1	16054.	161460.	14937.	7775.2
#2	15945.	161510.	14944.	7709.0
#3	16117.	161430.	14991.	7805.1

Zoom In Zoom Out

Sample Name: mp52373-s1 Acquired: 1/27/2025 14:51:51 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2452**	**24.78**	**1.900**	**2.025**	**1.984**	**1.952**	**-.0139**	**99.06**	**1.948**
Stddev	.0006	.03	.004	.001	.002	.002	.0026	.03	.003
%RSD	.2434	.1383	.1946	.0680	.1194	.1178	19.02	.0330	.1375
#1	.2458	24.82	1.903	2.027	1.985	1.953	-.0109	99.09	1.950
#2	.2446	24.77	1.896	2.024	1.985	1.953	-.0160	99.06	1.949
#3	.2452	24.76	1.902	2.026	1.981	1.949	-.0147	99.02	1.945

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0051**	**2.011**	**1.923**	**2.034**	**39.19**	**39.74**	**-.0280**	**30.00**	**2.001**
Stddev	.0056	.003	.002	.004	.08	.06	.0015	.07	.008
%RSD	110.6	.1626	.1112	.1755	.2111	.1510	5.497	.2224	.4137
#1	-.0089	2.015	1.926	2.035	39.25	39.80	-.0293	30.08	1.996
#2	-.0077	2.010	1.921	2.036	39.22	39.71	-.0263	29.99	2.010
#3	.0014	2.009	1.923	2.030	39.10	39.69	-.0283	29.95	1.995

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.936**	**77.04**	**2.017**	**2.040**	**2.013**	**.8173**	**1.949**	**1.981**	**2.265**
Stddev	.002	.10	.003	.004	.004	.0044	.004	.003	.003
%RSD	.1050	.1301	.1468	.2137	.2183	.5391	.2198	.1582	.1192
#1	1.938	76.99	2.020	2.045	2.018	.8210	1.954	1.983	2.268
#2	1.934	77.15	2.015	2.039	2.010	.8186	1.946	1.977	2.264
#3	1.935	76.97	2.015	2.037	2.010	.8125	1.947	1.982	2.263

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.977**	**2.385**	**1.955**	**1.802**	**1.953**	**1.904**	**1.981**	**1.966**
Stddev	.003	.008	.003	.004	.002	.002	.003	.003
%RSD	.1388	.3532	.1379	.2416	.0842	.0985	.1399	.1279
#1	1.980	2.393	1.958	1.806	1.954	1.906	1.984	1.968
#2	1.976	2.386	1.954	1.803	1.953	1.903	1.979	1.967
#3	1.976	2.376	1.953	1.798	1.951	1.903	1.979	1.963

Zoom In Zoom Out

Sample Name: mp52373-s1 Acquired: 1/27/2025 14:51:51 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14811.**	**153180.**	**14830.**	**7471.9**
Stddev	44.	483.	31.	22.2
%RSD	.29702	.31556	.20789	.29682
#1	14760.	152670.	14802.	7446.4
#2	14839.	153240.	14824.	7486.5
#3	14832.	153630.	14863.	7482.8

Zoom In Zoom Out

Sample Name: mp52373-s2 Acquired: 1/27/2025 14:56:40 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2497**	**24.84**	**1.922**	**2.050**	**2.015**	**1.980**	**-.0146**	**97.36**	**1.968**
Stddev	.0004	.03	.005	.003	.006	.006	.0012	.08	.004
%RSD	.1764	.1297	.2576	.1261	.2971	.2936	8.085	.0811	.1842
#1	.2494	24.82	1.917	2.047	2.014	1.977	-.0154	97.30	1.964
#2	.2496	24.81	1.927	2.052	2.010	1.977	-.0150	97.34	1.970
#3	.2502	24.87	1.921	2.051	2.022	1.987	-.0132	97.45	1.969

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0019**	**2.035**	**1.956**	**2.059**	**38.94**	**39.52**	**-.0277**	**29.92**	**2.039**
Stddev	.0048	.003	.003	.003	.06	.12	.0020	.07	.008
%RSD	247.8	.1503	.1514	.1317	.1480	.3020	7.159	.2308	.3847
#1	.0035	2.032	1.959	2.061	38.90	39.41	-.0256	29.88	2.033
#2	-.0039	2.037	1.953	2.060	38.91	39.50	-.0296	29.88	2.048
#3	-.0054	2.037	1.955	2.056	39.00	39.65	-.0280	30.00	2.036

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.960**	**76.16**	**2.041**	**2.061**	**2.034**	**.7960**	**1.970**	**1.999**	**2.276**
Stddev	.004	.13	.003	.003	.003	.0018	.003	.002	.004
%RSD	.2042	.1760	.1555	.1504	.1603	.2305	.1535	.0988	.1975
#1	1.956	76.07	2.037	2.057	2.031	.7951	1.967	1.998	2.270
#2	1.963	76.10	2.043	2.062	2.036	.7948	1.973	2.002	2.278
#3	1.962	76.31	2.042	2.063	2.036	.7981	1.971	1.998	2.278

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.995**	**2.402**	**1.983**	**1.828**	**1.985**	**1.924**	**2.001**	**1.998**
Stddev	.003	.011	.006	.004	.003	.002	.002	.006
%RSD	.1625	.4433	.2819	.2014	.1675	.1040	.1198	.2917
#1	1.991	2.397	1.988	1.826	1.989	1.923	1.998	2.003
#2	1.997	2.395	1.984	1.833	1.983	1.926	2.003	1.998
#3	1.996	2.415	1.977	1.827	1.983	1.923	2.002	1.992

Zoom In Zoom Out

Sample Name: mp52373-s2 Acquired: 1/27/2025 14:56:40 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14819.**	**152320.**	**14802.**	**7470.8**
Stddev	19.	304.	15.	10.8
%RSD	.13009	.19946	.10278	.14516
#1	14798.	151980.	14814.	7458.3
#2	14835.	152400.	14808.	7478.4
#3	14825.	152570.	14785.	7475.5

Zoom In Zoom Out

Sample Name: je4577-1 Acquired: 1/27/2025 15:01:29 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.0800**	**.0007**	**.1247**	**.0115**	**.0001**	**.0036**	**71.57**
Stddev	.0007	.0242	.0008	.0010	.0009	.0000	.0022	.11
%RSD	85.83	30.30	108.3	.7933	7.582	69.27	61.83	.1604
#1	-.0001	.1001	.0002	.1238	.0124	.0001	.0048	71.59
#2	-.0014	.0868	.0016	.1258	.0112	.0001	.0050	71.45
#3	-.0008	.0531	.0003	.1246	.0108	.0000	.0010	71.67

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.0061**	**-.0029**	**.0011**	**.0022**	**13.98**	**13.60**	**-.0229**
Stddev	.0002	.0061	.0002	.0007	.0011	.03	.04	.0026
%RSD	18.72	99.67	6.608	63.43	48.80	.2008	.2876	11.52
#1	-.0010	-.0005	-.0027	.0016	.0020	14.01	13.58	-.0202
#2	-.0014	.0115	-.0029	.0003	.0013	13.95	13.57	-.0232
#3	-.0011	.0074	-.0030	.0015	.0034	13.99	13.64	-.0254

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.284**	**.0324**	**.0008**	**50.89**	**.0009**	**.0079**	**-.0009**	**.8127**
Stddev	.025	.0001	.0002	.08	.0002	.0006	.0014	.0052
%RSD	.4761	.1782	30.82	.1601	25.68	8.223	154.3	.6401
#1	5.259	.0324	.0011	50.89	.0008	.0075	.0005	.8118
#2	5.283	.0325	.0006	50.80	.0012	.0074	-.0009	.8080
#3	5.310	.0324	.0007	50.97	.0008	.0086	-.0023	.8183

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0087**	**-.0019**	**2.272**	**-.0006**	**.3737**	**.0017**	**-.0052**	**.0009**
Stddev	.0014	.0043	.004	.0002	.0006	.0005	.0007	.0002
%RSD	15.73	220.7	.1995	34.62	.1608	29.78	13.35	23.71
#1	.0072	-.0010	2.268	-.0006	.3742	.0022	-.0047	.0010
#2	.0099	.0018	2.270	-.0009	.3730	.0016	-.0060	.0007
#3	.0091	-.0066	2.277	-.0004	.3738	.0012	-.0049	.0011

Zoom In Zoom Out

Sample Name: je4577-1 Acquired: 1/27/2025 15:01:29 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0066**	**.0135**	F **-.0105**
Stddev	.0005	.0001	.0003
%RSD	7.448	.9185	2.843
#1	.0069	.0135	-.0108
#2	.0068	.0137	-.0102
#3	.0060	.0134	-.0104

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15221.**	**155190.**	**15033.**	**7584.0**
Stddev	20.	271.	45.	9.0
%RSD	.13005	.17489	.29693	.11821
#1	15228.	154910.	14991.	7574.2
#2	15236.	155450.	15080.	7591.8
#3	15199.	155220.	15028.	7586.1

Zoom In Zoom Out

Sample Name: mp52373-sd1 Acquired: 1/27/2025 15:06:14 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0021**	**.2179**	**-.0012**	**.1557**	**.0099**	**.0004**	**.0188**	**70.40**	**-.0022**
Stddev	.0008	.1168	.0004	.0025	.0013	.0006	.0043	.05	.0005
%RSD	36.78	53.61	38.22	1.578	12.79	143.7	22.77	.0655	21.69
#1	-.0013	.3503	-.0011	.1564	.0090	.0007	.0237	70.39	-.0018
#2	-.0028	.1296	-.0017	.1530	.0114	-.0003	.0156	70.36	-.0028
#3	-.0022	.1737	-.0008	.1578	.0093	.0009	.0171	70.45	-.0022

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037**	**-.0064**	**-.0006**	**.0059**	**14.05**	**14.31**	**-.1286**	**5.251**	**.0327**
Stddev	.0098	.0016	.0020	.0006	.02	.43	.0061	.049	.0001
%RSD	267.3	24.70	347.0	10.79	.1607	3.039	4.742	.9267	.4390
#1	-.0044	-.0076	-.0027	.0066	14.07	14.48	-.1215	5.213	.0326
#2	.0145	-.0046	-.0004	.0053	14.05	14.63	-.1326	5.233	.0328
#3	.0008	-.0070	.0013	.0059	14.02	13.81	-.1315	5.306	.0326

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**52.75**	**-.0021**	**.0115**	**-.0024**	**.9622**	**.0099**	**-.0154**	**2.269**
Stddev	.0023	.13	.0022	.0038	.0023	.0243	.0085	.0128	.037
%RSD	393.1	.2393	105.0	32.73	94.84	2.520	85.40	83.23	1.631
#1	-.0018	52.89	.0001	.0118	.0002	.9644	.0106	-.0088	2.240
#2	.0028	52.65	-.0022	.0151	-.0034	.9369	.0181	-.0072	2.255
#3	.0008	52.72	-.0044	.0076	-.0041	.9853	.0011	-.0301	2.311

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0026**	**.3682**	**.0046**	**-.0040**	**.0026**	**.0122**	**.0139**	**-.0104**
Stddev	.0011	.0016	.0008	.0036	.0010	.0030	.0002	.0008
%RSD	41.23	.4339	17.00	90.89	39.80	24.90	1.424	7.826
#1	-.0038	.3690	.0046	-.0056	.0036	.0114	.0141	-.0095
#2	-.0020	.3664	.0039	-.0066	.0015	.0096	.0138	-.0109
#3	-.0019	.3693	.0054	.0002	.0029	.0155	.0138	-.0109

Zoom In Zoom Out

Sample Name: mp52373-sd1 Acquired: 1/27/2025 15:06:14 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15814.**	**159280.**	**15002.**	**7679.2**
Stddev	160.	517.	18.	100.3
%RSD	1.0121	.32437	.11745	1.3059
#1	15922.	158850.	15015.	7748.1
#2	15889.	159850.	15010.	7725.4
#3	15630.	159140.	14982.	7564.2

Zoom In Zoom Out

Sample Name: je4316-19 Acquired: 1/27/2025 15:10:58 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0599**	**.0081**	**.0821**	**.0436**	**.0004**	**.0037**	**34.29**
Stddev	.0006	.0041	.0005	.0011	.0006	.0001	.0033	.06
%RSD	69.26	6.891	6.747	1.367	1.372	14.98	90.99	.1758
#1	.0014	.0647	.0082	.0833	.0429	.0005	.0005	34.26
#2	.0002	.0575	.0086	.0811	.0440	.0004	.0072	34.36
#3	.0010	.0575	.0075	.0820	.0438	.0004	.0033	34.25

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**-.0014**	**-.0026**	**.0031**	**.0229**	**.0815**	**12.04**	**-.0137**
Stddev	.0004	.0049	.0002	.0005	.0005	.0059	.13	.0041
%RSD	77.01	345.0	6.398	14.60	2.003	7.181	1.068	29.78
#1	-.0003	-.0018	-.0026	.0026	.0233	.0875	12.01	-.0160
#2	-.0009	-.0061	-.0024	.0035	.0224	.0758	11.92	-.0090
#3	-.0003	.0036	-.0028	.0033	.0231	.0812	12.18	-.0161

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.832**	**.0121**	**.0016**	**163.6**	**.0001**	**.1405**	**.0001**	**4.719**
Stddev	.016	.0000	.0001	.3	.0004	.0005	.0005	.009
%RSD	.3352	.2598	8.547	.1977	414.0	.3569	350.1	.1808
#1	4.835	.0122	.0017	163.4	-.0002	.1410	.0004	4.729
#2	4.814	.0122	.0015	164.0	-.0000	.1405	.0004	4.717
#3	4.846	.0121	.0015	163.5	.0006	.1400	-.0004	4.712

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0057**	F **-.0101**	**11.03**	**-.0000**	**.3684**	**.0014**	**-.0001**	**.0023**
Stddev	.0019	.0053	.01	.0003	.0010	.0002	.0025	.0005
%RSD	34.33	52.58	.0926	1148.	.2652	14.32	2418.	22.80
#1	.0038	-.0120	11.03	-.0003	.3673	.0012	-.0021	.0017
#2	.0055	-.0143	11.03	-.0001	.3692	.0013	.0027	.0025
#3	.0077	-.0041	11.01	.0003	.3688	.0016	-.0009	.0026

Zoom In Zoom Out

Sample Name: je4316-19 Acquired: 1/27/2025 15:10:58 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0046**	**.0017**	F **-.0546**
Stddev	.0007	.0001	.0002
%RSD	15.57	5.005	.2981
#1	.0039	.0016	-.0545
#2	.0046	.0017	-.0547
#3	.0053	.0018	-.0544

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14913.**	**151400.**	**14729.**	**7500.1**
Stddev	37.	822.	76.	18.1
%RSD	.24810	.54299	.51606	.24097
#1	14873.	150780.	14729.	7480.4
#2	14920.	151080.	14653.	7504.1
#3	14946.	152330.	14805.	7515.9

Zoom In Zoom Out

Sample Name: je4437-1 Acquired: 1/27/2025 15:15:41 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**2.198**	**.0026**	**.1600**	**.0585**	**.0002**	**.0019**	**48.75**
Stddev	.0004	.005	.0007	.0034	.0011	.0001	.0016	.06
%RSD	19.02	.2345	25.22	2.151	1.795	65.86	84.50	.1149
#1	.0017	2.201	.0026	.1606	.0593	.0001	.0036	48.80
#2	.0023	2.201	.0020	.1563	.0589	.0003	.0015	48.76
#3	.0017	2.192	.0033	.1631	.0573	.0001	.0005	48.69

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0133**	**.0113**	**.0020**	**.0151**	**19.00**	**4.200**	F **-.0879**
Stddev	.0004	.0055	.0004	.0002	.0006	.04	.048	.0052
%RSD	83.81	41.25	3.315	12.16	3.687	.1925	1.141	5.915
#1	-.0002	.0070	.0117	.0017	.0147	19.00	4.158	-.0822
#2	-.0008	.0156	.0111	.0021	.0149	19.04	4.189	-.0890
#3	-.0003	.0172	.0111	.0022	.0158	18.97	4.252	-.0925

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.21**	**2.760**	**.0006**	**48.65**	**.0115**	**.2679**	**.0177**	F **1022.**
Stddev	.03	.009	.0003	.08	.0000	.0034	.0007	15.
%RSD	.3107	.3229	46.96	.1553	.1095	1.270	3.939	1.467
#1	10.23	2.750	.0003	48.71	.0115	.2685	.0179	1031.
#2	10.22	2.764	.0008	48.67	.0115	.2643	.0183	1005.
#3	10.17	2.767	.0006	48.57	.0115	.2710	.0170	1031.

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0066**	**-.0082**	**12.08**	**.0000**	**.2300**	**.0241**	F **-.0127**	**.0060**
Stddev	.0023	.0019	.19	.0001	.0008	.0006	.0009	.0003
%RSD	34.80	23.48	1.607	870.5	.3322	2.665	7.379	5.095
#1	.0043	-.0072	12.11	-.0000	.2298	.0241	-.0117	.0061
#2	.0067	-.0070	11.88	.0002	.2308	.0235	-.0136	.0061
#3	.0089	-.0104	12.26	-.0001	.2293	.0248	-.0127	.0056

Zoom In Zoom Out

Sample Name: je4437-1 Acquired: 1/27/2025 15:15:41 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0024**	**.0424**	F **-.0562**
Stddev	.0005	.0007	.0009
%RSD	21.31	1.571	1.680
#1	.0024	.0424	-.0563
#2	.0019	.0417	-.0553
#3	.0029	.0430	-.0572

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15365.**	**158120.**	**15144.**	**7742.6**
Stddev	131.	309.	12.	77.9
%RSD	.85296	.19573	.07668	1.0059
#1	15347.	157800.	15130.	7729.9
#2	15505.	158130.	15152.	7826.1
#3	15245.	158420.	15149.	7671.9

Zoom In Zoom Out

Sample Name: je4437-2 Acquired: 1/27/2025 15:20:39 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**2.802**	**.0009**	**.0508**	**.0458**	**.0000**	**-.0009**	**20.11**
Stddev	.0005	.095	.0013	.0009	.0015	.0001	.0003	.68
%RSD	38.38	3.405	139.2	1.720	3.245	125.9	33.40	3.369
#1	.0009	2.853	.0015	.0498	.0470	-.0000	-.0010	20.52
#2	.0013	2.861	.0019	.0513	.0462	.0001	-.0006	20.48
#3	.0019	2.692	-.0005	.0514	.0441	.0001	-.0012	19.33

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**.0060**	**-.0004**	**.0040**	**.0139**	**14.58**	**1.496**	F **-.0794**
Stddev	.0002	.0065	.0001	.0002	.0007	.51	.061	.0008
%RSD	35.23	108.0	16.51	5.425	4.829	3.473	4.088	1.036
#1	-.0004	.0100	-.0004	.0037	.0132	14.88	1.567	-.0801
#2	-.0008	.0095	-.0004	.0042	.0145	14.86	1.462	-.0796
#3	-.0008	-.0015	-.0005	.0040	.0139	14.00	1.459	-.0785

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.470**	**1.315**	**.0009**	**13.70**	**.0026**	**.1542**	**.0080**	F **970.5**
Stddev	.271	.012	.0001	.47	.0006	.0014	.0014	18.0
%RSD	3.630	.9115	14.19	3.456	22.62	.8927	17.96	1.858
#1	7.657	1.328	.0008	14.01	.0024	.1553	.0079	979.2
#2	7.595	1.309	.0009	13.95	.0032	.1526	.0066	949.8
#3	7.159	1.307	.0010	13.16	.0021	.1547	.0095	982.5

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**-.0066**	**10.09**	**.0001**	**.0789**	**.0747**	**-.0070**	**.0069**
Stddev	.0012	.0023	.14	.0006	.0027	.0014	.0018	.0006
%RSD	62.75	34.49	1.424	561.7	3.475	1.828	25.76	9.171
#1	.0033	-.0060	10.18	-.0001	.0806	.0762	-.0049	.0067
#2	.0014	-.0091	9.926	.0007	.0803	.0742	-.0081	.0064
#3	.0011	-.0047	10.16	-.0004	.0757	.0736	-.0079	.0076

Zoom In Zoom Out

Sample Name: je4437-2 Acquired: 1/27/2025 15:20:39 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0016**	**.0190**	F **-.0479**
Stddev	.0003	.0002	.0008
%RSD	20.92	.8005	1.726
#1	.0015	.0191	-.0483
#2	.0019	.0188	-.0470
#3	.0013	.0191	-.0485

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15985.**	**158840.**	**15194.**	**7842.2**
Stddev	125.	1512.	466.	76.6
%RSD	.78055	.95173	3.0679	.97663
#1	15893.	157120.	14884.	7772.1
#2	16127.	159440.	14969.	7924.0
#3	15934.	159960.	15731.	7830.6

Zoom In Zoom Out

Sample Name: je4437-3 Acquired: 1/27/2025 15:25:31 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030**	**12.35**	**.0008**	**.0372**	**.0784**	**.0004**	**-.0079**	**25.56**
Stddev	.0008	.09	.0012	.0010	.0003	.0001	.0010	.14
%RSD	25.33	.7596	146.1	2.687	.3408	24.86	13.20	.5306
#1	.0034	12.46	.0008	.0360	.0784	.0006	-.0091	25.72
#2	.0021	12.30	.0021	.0376	.0787	.0003	-.0075	25.49
#3	.0034	12.29	-.0004	.0379	.0782	.0004	-.0072	25.48

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0327**	**.0043**	**.0223**	**.0356**	**13.79**	**2.273**	**-.0086**
Stddev	.0004	.0087	.0001	.0004	.0009	.10	.033	.0009
%RSD	83.78	26.74	2.243	1.702	2.403	.7020	1.463	10.42
#1	-.0005	.0413	.0044	.0227	.0354	13.89	2.311	-.0087
#2	-.0008	.0239	.0042	.0221	.0366	13.78	2.249	-.0077
#3	-.0001	.0328	.0042	.0220	.0349	13.70	2.260	-.0095

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.897**	**1.093**	**.0005**	**8.648**	**.0111**	**.2888**	**.0257**	**3.991**
Stddev	.048	.003	.0000	.071	.0001	.0022	.0009	.035
%RSD	.5432	.3070	9.272	.8221	1.080	.7781	3.314	.8830
#1	8.935	1.096	.0005	8.729	.0110	.2880	.0266	4.022
#2	8.912	1.093	.0005	8.599	.0112	.2871	.0255	3.953
#3	8.843	1.089	.0006	8.615	.0111	.2913	.0249	3.999

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027**	F **-.0111**	**16.50**	**.0008**	**.1098**	**.3583**	**.0023**	**.0327**
Stddev	.0016	.0019	.20	.0002	.0004	.0016	.0022	.0002
%RSD	58.96	16.88	1.214	22.96	.3574	.4400	99.01	.7454
#1	.0015	-.0095	16.50	.0009	.1102	.3598	.0048	.0327
#2	.0021	-.0132	16.29	.0006	.1098	.3583	.0012	.0325
#3	.0045	-.0105	16.70	.0010	.1094	.3567	.0008	.0330

Zoom In Zoom Out

Sample Name: je4437-3 Acquired: 1/27/2025 15:25:31 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0043**	**.0432**	F **-.0763**
Stddev	.0011	.0005	.0009
%RSD	25.86	1.101	1.184
#1	.0053	.0434	-.0763
#2	.0031	.0427	-.0755
#3	.0044	.0435	-.0773

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15798.**	**163390.**	**15314.**	**7953.0**
Stddev	85.	367.	88.	47.5
%RSD	.54097	.22488	.57289	.59703
#1	15784.	163130.	15251.	7937.3
#2	15890.	163220.	15276.	8006.3
#3	15721.	163810.	15414.	7915.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 15:30:16 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2480**	**39.73**	**1.978**	**1.993**	**2.038**	**1.973**	**2.044**	**40.21**	**2.008**
Stddev	.0073	.04	.010	.008	.004	.003	.012	.03	.009
%RSD	2.941	.0941	.5265	.4152	.1956	.1246	.6047	.0801	.4499
#1	.2564	39.72	1.982	1.996	2.039	1.974	2.053	40.21	2.012
#2	.2444	39.71	1.967	1.983	2.034	1.970	2.030	40.17	1.998
#3	.2432	39.78	1.986	1.999	2.042	1.975	2.049	40.24	2.014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.040**	**2.077**	**1.990**	**2.162**	**40.06**	**42.20**	**2.077**	**39.83**	**2.059**
Stddev	.061	.007	.055	.062	.06	.03	.004	.06	.034
%RSD	2.983	.3596	2.778	2.858	.1491	.0649	.1927	.1487	1.655
#1	2.110	2.080	2.054	2.233	40.08	42.23	2.081	39.80	2.098
#2	2.002	2.068	1.959	2.127	40.00	42.18	2.073	39.79	2.039
#3	2.007	2.082	1.958	2.125	40.11	42.20	2.077	39.90	2.040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.967**	**40.53**	**2.066**	**2.030**	**2.087**	**2.165**	**2.018**	**1.990**	**5.288**
Stddev	.010	.06	.007	.014	.011	.016	.013	.008	.024
%RSD	.5194	.1359	.3360	.6827	.5031	.7355	.6623	.4046	.4563
#1	1.971	40.53	2.070	2.039	2.094	2.183	2.023	1.995	5.304
#2	1.955	40.47	2.058	2.014	2.075	2.151	2.003	1.981	5.260
#3	1.973	40.58	2.070	2.038	2.092	2.161	2.028	1.994	5.299
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 15:30:16 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.048**	**2.092**	**2.025**	**2.087**	**1.999**	**1.966**	**2.027**	**2.015**
Stddev	.011	.006	.062	.011	.059	.011	.011	.060
%RSD	.5165	.2751	3.059	.5087	2.934	.5647	.5467	2.986
#1	2.054	2.093	2.096	2.089	2.066	1.974	2.032	2.084
#2	2.036	2.086	1.989	2.075	1.963	1.953	2.014	1.981
#3	2.055	2.097	1.989	2.096	1.966	1.971	2.035	1.978
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14910.**	**153470.**	**14771.**	**7633.5**
Stddev	64.	3591.	55.	44.8
%RSD	.42794	2.3401	.37472	.58707
#1	14881.	149330.	14789.	7611.7
#2	14983.	155740.	14814.	7685.1
#3	14867.	155340.	14708.	7603.8

Inst QC: MA57769

Zoom In / Zoom Out

Sample Name: ccb Acquired: 1/27/2025 15:35:07 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0010**	**.0004**	**.0046**	**.0002**	**.0002**	**.0009**	**.0125**	**.0003**
Stddev	.0003	.0134	.0006	.0007	.0004	.0000	.0010	.0005	.0003
%RSD	88.02	1353.	165.7	14.45	162.3	8.770	117.4	3.912	108.5
#1	.0007	.0045	.0008	.0046	-.0002	.0002	.0014	.0122	.0001
#2	.0003	.0123	-.0003	.0040	.0005	.0002	.0016	.0122	.0006
#3	.0001	-.0138	.0006	.0053	.0004	.0002	-.0003	.0131	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0048**	**-.0003**	**-.0004**	**.0033**	**.0083**	**.2010**	**-.0180**	**-.0053**	**.0001**
Stddev	.0073	.0001	.0003	.0008	.0027	.0520	.0027	.0346	.0000
%RSD	151.2	32.26	68.47	25.23	32.34	25.86	15.03	650.2	73.00
#1	-.0013	-.0002	-.0004	.0032	.0113	.1912	-.0194	.0337	.0001
#2	.0000	-.0002	-.0002	.0042	.0062	.1547	-.0148	-.0175	.0001
#3	-.0132	-.0004	-.0008	.0026	.0073	.2572	-.0196	-.0321	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.2632**	**-.0001**	**.0006**	**.0008**	F **.0705**	**-.0001**	**-.0006**	**.0177**
Stddev	.0002	.0142	.0002	.0003	.0007	.0036	.0020	.0020	.0006
%RSD	27.32	5.400	342.4	54.51	89.26	5.160	2793.	304.4	3.615
#1	.0004	.2586	-.0001	.0010	.0001	.0743	-.0010	-.0004	.0173
#2	.0006	.2792	-.0003	.0005	.0015	.0701	.0022	-.0027	.0173
#3	.0007	.2519	.0002	.0003	.0008	.0670	-.0014	.0012	.0184
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0490			
Low Limit						-.0490			

Zoom In / Zoom Out

Sample Name: ccb Acquired: 1/27/2025 15:35:07 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0000**	**.0009**	**.0016**	**.0005**	**.0036**	**-.0002**	**-.0000**
Stddev	.0006	.0002	.0002	.0011	.0003	.0007	.0000	.0003
%RSD	144.6	585.2	18.17	73.67	69.32	20.45	20.08	14080.
#1	.0011	.0003	.0009	.0025	.0004	.0029	-.0002	-.0002
#2	.0001	-.0000	.0007	.0018	.0008	.0037	-.0002	.0003
#3	.0000	-.0002	.0010	.0003	.0002	.0043	-.0001	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16024.**	**165390.**	**14902.**	**7923.7**
Stddev	40.	5438.	364.	30.1
%RSD	.24687	3.2879	2.4404	.38024
#1	16063.	163810.	15202.	7954.0
#2	16025.	171450.	14498.	7923.6
#3	15984.	160920.	15006.	7893.7

Zoom In / Zoom Out

Sample Name: je4437-1f Acquired: 1/27/2025 15:39:57 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.1081**	**.0007**	**.1879**	**.0491**	**.0002**	**.0029**	**70.77**
Stddev	.0002	.0147	.0015	.0032	.0006	.0002	.0003	.18
%RSD	17.52	13.64	212.9	1.688	1.319	111.2	8.978	.2487
#1	.0007	.0944	.0023	.1895	.0497	.0004	.0028	70.97
#2	.0010	.1237	-.0006	.1843	.0493	.0001	.0027	70.70
#3	.0010	.1061	.0004	.1900	.0484	.0001	.0032	70.64

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0071**	**.0108**	**-.0012**	**.0041**	**22.89**	**4.585**	**-.0248**
Stddev	.0002	.0021	.0001	.0001	.0004	.05	.019	.0030
%RSD	14.96	29.40	.8536	6.743	10.41	.2305	.4172	11.98
#1	-.0009	.0067	.0107	-.0012	.0040	22.94	4.578	-.0264
#2	-.0012	.0053	.0107	-.0013	.0037	22.89	4.607	-.0267
#3	-.0010	.0095	.0109	-.0012	.0045	22.84	4.571	-.0214

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.04**	**5.157**	**.0002**	**60.85**	**.0117**	**.0320**	**.0021**	**73.64**
Stddev	.03	.027	.0004	.11	.0005	.0016	.0015	.87
%RSD	.2305	.5211	155.3	.1784	4.552	5.127	71.73	1.178
#1	15.08	5.128	.0002	60.96	.0122	.0302	.0020	74.10
#2	15.03	5.182	-.0001	60.84	.0112	.0334	.0006	72.63
#3	15.01	5.160	.0006	60.74	.0116	.0324	.0036	74.17

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0097**	F **-.0105**	**11.79**	**-.0008**	**.3273**	**.0009**	**-.0063**	**.0009**
Stddev	.0017	.0030	.15	.0005	.0009	.0003	.0014	.0002
%RSD	18.09	28.59	1.302	57.67	.2761	33.50	22.76	18.75
#1	.0106	-.0080	11.87	-.0011	.3281	.0012	-.0056	.0009
#2	.0076	-.0097	11.62	-.0003	.3274	.0010	-.0080	.0008
#3	.0107	-.0138	11.89	-.0011	.3263	.0006	-.0054	.0011

Zoom In / Zoom Out

Sample Name: je4437-1f Acquired: 1/27/2025 15:39:57 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0035**	**.0089**	F **-.0569**
Stddev	.0009	.0003	.0009
%RSD	25.94	3.482	1.637
#1	.0043	.0091	-.0575
#2	.0037	.0086	-.0558
#3	.0025	.0091	-.0574

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15034.**	**156500.**	**15015.**	**7735.1**
Stddev	124.	2462.	10.	73.4
%RSD	.82691	1.5730	.06630	.94857
#1	14972.	153690.	15006.	7702.7
#2	15177.	157520.	15026.	7819.0
#3	14953.	158290.	15015.	7683.4

Zoom In Zoom Out

Sample Name: je4577-2 Acquired: 1/27/2025 15:44:49 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**.3927**	**.0007**	**.1253**	**.0814**	**.0001**	**.0036**	**109.9**
Stddev	.0005	.0083	.0015	.0004	.0018	.0002	.0009	2.8
%RSD	38.99	2.114	199.6	.3024	2.190	202.9	24.59	2.578
#1	.0016	.3833	-.0008	.1258	.0794	.0000	.0027	106.6
#2	.0017	.3957	.0021	.1251	.0826	.0003	.0045	111.9
#3	.0007	.3991	.0010	.1251	.0823	-.0001	.0035	111.1

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0059**	**-.0035**	**.0012**	**.0071**	**14.48**	**5.281**	**-.0271**
Stddev	.0002	.0019	.0003	.0002	.0011	.37	.152	.0026
%RSD	17.50	32.82	8.780	18.75	15.96	2.572	2.877	9.592
#1	-.0012	.0071	-.0032	.0010	.0060	14.06	5.106	-.0292
#2	-.0015	.0070	-.0037	.0014	.0083	14.76	5.356	-.0242
#3	-.0011	.0037	-.0037	.0011	.0070	14.63	5.382	-.0278

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.976**	**1.150**	**-.0001**	**40.23**	**.0012**	**.0185**	**.0003**	**4.628**
Stddev	.179	.010	.0003	1.02	.0001	.0011	.0012	.014
%RSD	2.564	.8692	208.6	2.531	10.34	5.736	423.3	.3053
#1	6.770	1.159	-.0002	39.07	.0012	.0193	.0015	4.644
#2	7.080	1.150	.0002	40.95	.0011	.0188	.0002	4.621
#3	7.079	1.139	-.0004	40.67	.0013	.0173	-.0009	4.619

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0080**	**-.0063**	**4.180**	**-.0010**	**.5852**	**.0068**	**-.0086**	**.0017**
Stddev	.0006	.0052	.001	.0006	.0145	.0005	.0006	.0002
%RSD	7.654	83.19	.0275	61.80	2.481	7.662	7.127	13.45
#1	.0085	-.0031	4.180	-.0003	.5686	.0062	-.0082	.0018
#2	.0082	-.0035	4.182	-.0012	.5956	.0072	-.0083	.0014
#3	.0073	-.0123	4.180	-.0015	.5915	.0070	-.0093	.0018

Zoom In Zoom Out

Sample Name: je4577-2 Acquired: 1/27/2025 15:44:49 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0035**	**.0677**	F **-.0194**
Stddev	.0007	.0002	.0001
%RSD	19.19	.3301	.7428
#1	.0034	.0679	-.0195
#2	.0030	.0676	-.0193
#3	.0043	.0675	-.0193

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14868.**	**156970.**	**14858.**	**7672.9**
Stddev	18.	1030.	303.	15.3
%RSD	.11910	.65593	2.0410	.19979
#1	14851.	156100.	15198.	7657.8
#2	14866.	156710.	14614.	7672.4
#3	14886.	158100.	14764.	7688.4

Zoom In Zoom Out

Sample Name: je4577-3 Acquired: 1/27/2025 15:49:33 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**6.596**	**.0013**	**.0744**	**.0400**	**.0000**	**-.0042**	**27.47**
Stddev	.0005	.030	.0015	.0017	.0002	.0001	.0006	.18
%RSD	37.29	.4501	118.8	2.272	.4030	1352.	14.86	.6479
#1	.0009	6.616	.0027	.0760	.0401	.0002	-.0049	27.50
#2	.0019	6.610	-.0003	.0726	.0400	-.0000	-.0042	27.64
#3	.0012	6.562	.0015	.0747	.0398	-.0001	-.0036	27.28

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0118**	**-.0007**	**.0122**	**.0099**	**7.153**	**7.483**	**-.0179**
Stddev	.0004	.0067	.0002	.0002	.0009	.051	.053	.0027
%RSD	117.1	56.80	34.74	1.462	9.615	.7160	.7080	14.86
#1	-.0006	.0121	-.0006	.0123	.0102	7.175	7.475	-.0156
#2	-.0005	.0050	-.0010	.0124	.0106	7.190	7.435	-.0172
#3	.0001	.0184	-.0005	.0121	.0088	7.095	7.540	-.0208

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.923**	**.0096**	**.0013**	**148.6**	**.0052**	**.0783**	**.0091**	**5.696**
Stddev	.027	.0001	.0002	.9	.0005	.0021	.0012	.104
%RSD	1.390	.6415	16.53	.5733	9.119	2.664	12.98	1.826
#1	1.904	.0096	.0013	148.8	.0056	.0792	.0102	5.758
#2	1.954	.0097	.0011	149.3	.0053	.0760	.0094	5.576
#3	1.912	.0096	.0015	147.6	.0047	.0799	.0078	5.755

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052**	**-.0046**	**7.097**	**-.0004**	**.1848**	**.1001**	**-.0005**	**.0139**
Stddev	.0014	.0008	.138	.0006	.0010	.0007	.0024	.0004
%RSD	26.90	16.44	1.939	157.2	.5592	.6788	533.2	2.647
#1	.0053	-.0045	7.182	.0002	.1851	.1003	.0022	.0136
#2	.0038	-.0039	6.939	-.0003	.1857	.0993	-.0011	.0139
#3	.0066	-.0054	7.172	-.0009	.1837	.1006	-.0025	.0143

Zoom In Zoom Out

Sample Name: je4577-3 Acquired: 1/27/2025 15:49:33 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0030**	**.0225**	F **-.0297**
Stddev	.0010	.0003	.0008
%RSD	33.28	1.544	2.733
#1	.0030	.0227	-.0304
#2	.0020	.0221	-.0288
#3	.0040	.0227	-.0300

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14778.**	**155810.**	**14874.**	**7749.9**
Stddev	214.	782.	92.	130.2
%RSD	1.4490	.50202	.61926	1.6801
#1	14640.	156310.	14868.	7660.1
#2	15025.	154910.	14786.	7899.2
#3	14670.	156220.	14969.	7690.2

Zoom In Zoom Out

Sample Name: je4577-4 Acquired: 1/27/2025 15:54:18 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**2.299**	**-.0005**	**.0796**	**.0140**	**.0001**	**.0004**	**39.01**
Stddev	.0005	.032	.0002	.0012	.0014	.0001	.0012	.30
%RSD	38.44	1.402	52.57	1.497	9.885	232.4	271.2	.7775
#1	.0009	2.328	-.0002	.0800	.0133	.0001	.0001	39.18
#2	.0012	2.305	-.0005	.0783	.0155	-.0001	-.0006	39.20
#3	.0019	2.264	-.0007	.0806	.0130	.0001	.0018	38.66

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**.0246**	**-.0013**	**.0060**	**.0104**	**2.324**	**8.351**	**-.0241**
Stddev	.0001	.0004	.0002	.0002	.0010	.024	.129	.0024
%RSD	15.42	1.434	11.83	3.948	9.375	1.010	1.544	9.975
#1	-.0005	.0250	-.0014	.0059	.0093	2.342	8.500	-.0258
#2	-.0006	.0244	-.0013	.0063	.0112	2.332	8.281	-.0252
#3	-.0007	.0244	-.0011	.0058	.0105	2.297	8.273	-.0214

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.075**	**.0449**	**.0008**	**34.37**	**.0043**	**.0319**	**.0047**	**6.776**
Stddev	.053	.0002	.0002	.29	.0007	.0008	.0006	.030
%RSD	1.311	.4439	29.30	.8446	17.15	2.373	12.34	.4439
#1	4.135	.0451	.0009	34.59	.0052	.0311	.0041	6.764
#2	4.059	.0450	.0011	34.49	.0037	.0318	.0051	6.753
#3	4.032	.0447	.0006	34.04	.0042	.0326	.0051	6.810

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0035**	**-.0031**	**4.612**	**.0002**	**.2013**	**.0447**	**-.0024**	**.0052**
Stddev	.0019	.0008	.017	.0006	.0019	.0024	.0017	.0003
%RSD	52.71	26.55	.3601	283.9	.9430	5.440	70.95	6.634
#1	.0014	-.0038	4.604	.0002	.2028	.0474	-.0014	.0052
#2	.0044	-.0022	4.601	.0008	.2019	.0429	-.0014	.0055
#3	.0048	-.0032	4.631	-.0004	.1991	.0437	-.0043	.0048

Zoom In Zoom Out

Sample Name: je4577-4 Acquired: 1/27/2025 15:54:18 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0015**	**.0203**	F **-.0202**
Stddev	.0003	.0001	.0003
%RSD	22.00	.4420	1.581
#1	.0016	.0204	-.0199
#2	.0018	.0202	-.0201
#3	.0011	.0204	-.0206

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15275.**	**162930.**	**15117.**	**7877.3**
Stddev	19.	326.	63.	7.8
%RSD	.12494	.20028	.41760	.09851
#1	15296.	162720.	15111.	7870.9
#2	15261.	163300.	15057.	7875.1
#3	15266.	162760.	15183.	7886.0

Zoom In Zoom Out

Sample Name: je4577-5 Acquired: 1/27/2025 15:59:03 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.9604**	**-.0004**	**.0789**	**.0347**	**.0002**	**.0026**	**54.00**	**-.0008**
Stddev	.0004	.0093	.0016	.0004	.0005	.0002	.0022	.14	.0003
%RSD	91.85	.9722	411.9	.4679	1.324	146.9	85.72	.2564	34.73
#1	-.0000	.9700	.0013	.0792	.0345	.0004	.0046	54.15	-.0006
#2	.0006	.9513	-.0006	.0790	.0353	.0002	.0002	53.88	-.0007
#3	.0007	.9600	-.0019	.0785	.0345	-.0001	.0031	53.96	-.0011

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0087**	**-.0010**	**.0134**	**.0076**	**2.353**	**10.16**	**-.0294**	**3.840**	**.4538**
Stddev	.0107	.0002	.0004	.0003	.007	.03	.0034	.020	.0004
%RSD	122.4	16.21	3.128	3.582	.2921	.2943	11.40	.5202	.0884
#1	-.0034	-.0009	.0137	.0078	2.361	10.16	-.0298	3.862	.4537
#2	.0129	-.0010	.0135	.0077	2.351	10.14	-.0325	3.835	.4542
#3	.0167	-.0012	.0129	.0073	2.347	10.20	-.0258	3.823	.4534

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	F **249.8**	**.0086**	**.0116**	**.0005**	**18.74**	**.0077**	**-.0046**	**2.225**
Stddev	.0003	.4	.0003	.0008	.0004	.06	.0003	.0027	.015
%RSD	22.31	.1666	3.644	7.080	68.91	.3232	4.285	57.10	.6778
#1	.0010	250.2	.0087	.0114	.0002	18.75	.0080	-.0028	2.234
#2	.0012	249.6	.0088	.0125	.0009	18.79	.0078	-.0077	2.233
#3	.0016	249.5	.0082	.0109	.0004	18.67	.0073	-.0034	2.207

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.3382**	**.0296**	**-.0048**	**.0022**	**.0034**	**.0142**	**-.0089**
Stddev	.0002	.0003	.0011	.0022	.0002	.0010	.0000	.0004
%RSD	25.44	.0999	3.781	46.11	7.956	29.88	.1553	4.518
#1	-.0012	.3381	.0297	-.0025	.0023	.0042	.0142	-.0085
#2	-.0008	.3385	.0307	-.0049	.0020	.0022	.0142	-.0091
#3	-.0007	.3379	.0284	-.0069	.0023	.0037	.0143	-.0093

Zoom In Zoom Out

Sample Name: je4577-5 Acquired: 1/27/2025 15:59:03 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14328.**	**153890.**	**14664.**	**7544.6**
Stddev	26.	294.	62.	21.1
%RSD	.18425	.19107	.42575	.27932
#1	14327.	153550.	14592.	7539.6
#2	14302.	154090.	14698.	7526.5
#3	14355.	154030.	14703.	7567.8

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 16:03:50 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 10%rinse

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**.0077**	**-.0002**	**.0018**	**-.0003**	**-.0000**	**.0016**	**.0125**	**-.0001**
Stddev	.0003	.0131	.0019	.0005	.0002	.0001	.0022	.0010	.0003
%RSD	19.60	169.8	936.8	27.12	84.64	315.1	137.3	8.210	377.7
#1	.0014	.0093	.0009	.0017	-.0004	-.0000	.0002	.0131	-.0003
#2	.0018	.0200	.0010	.0023	-.0000	-.0002	.0005	.0130	.0002
#3	.0013	-.0061	-.0024	.0014	-.0005	.0001	.0041	.0113	-.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0053**	**.0003**	**-.0002**	**.0029**	**.0043**	**-.0297**	**-.0271**	**-.0097**	**.0001**
Stddev	.0025	.0005	.0002	.0005	.0015	.0252	.0014	.0082	.0000
%RSD	47.48	189.0	114.3	15.60	35.74	84.96	5.184	83.87	43.79
#1	-.0076	.0007	-.0004	.0026	.0050	-.0077	-.0255	-.0017	.0001
#2	-.0055	.0003	.0000	.0035	.0025	-.0241	-.0282	-.0095	.0002
#3	-.0027	-.0003	-.0002	.0027	.0053	-.0572	-.0275	-.0180	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.1390**	**-.0004**	**.0024**	**-.0001**	**.0268**	**-.0004**	**-.0020**	**.0244**
Stddev	.0002	.0199	.0008	.0006	.0001	.0031	.0005	.0022	.0003
%RSD	76.80	14.34	207.8	25.08	56.19	11.43	108.7	108.1	1.417
#1	.0002	.1617	.0005	.0031	-.0001	.0294	.0001	-.0032	.0248
#2	.0006	.1247	-.0010	.0020	-.0001	.0234	-.0008	.0005	.0241
#3	.0001	.1304	-.0006	.0021	-.0002	.0276	-.0005	-.0034	.0242

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0000**	**.0008**	**.0007**	**.0004**	**.0052**	**-.0002**	**.0001**
Stddev	.0004	.0001	.0002	.0009	.0001	.0004	.0001	.0002
%RSD	430.0	252.8	21.05	125.3	23.13	7.404	34.46	217.4
#1	.0001	.0001	.0006	.0005	.0003	.0054	-.0002	.0003
#2	.0002	-.0001	.0009	.0016	.0005	.0054	-.0002	.0002
#3	-.0006	.0002	.0009	-.0001	.0005	.0048	-.0003	-.0001

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 16:03:50 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 10%rinse

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15817.**	**167260.**	**14880.**	**7912.0**
Stddev	6.	132.	12.	3.2
%RSD	.03715	.07913	.08126	.04081
#1	15815.	167110.	14893.	7914.8
#2	15812.	167360.	14879.	7908.5
#3	15823.	167320.	14869.	7912.6

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 16:08:43 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 10%rinse

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0134**	**-.0011**	**.0007**	**-.0016**	**.0001**	**.0010**	**.0142**	**.0001**
Stddev	.0007	.0097	.0010	.0009	.0004	.0001	.0004	.0021	.0002
%RSD	104.3	72.43	90.39	131.3	25.80	88.81	39.17	14.85	194.8
#1	.0012	.0185	-.0020	.0009	-.0021	.0001	.0014	.0118	.0002
#2	-.0001	.0195	-.0012	.0015	-.0014	.0002	.0008	.0155	.0001
#3	.0010	.0022	-.0000	-.0003	-.0014	.0000	.0007	.0154	-.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0042**	**.0001**	**-.0004**	**.0026**	**.0051**	**-.1174**	**-.0294**	**-.0034**	**.0001**
Stddev	.0051	.0002	.0002	.0002	.0012	.0228	.0029	.0017	.0000
%RSD	121.6	330.1	41.90	9.379	22.94	19.44	10.03	48.59	34.14
#1	.0005	.0002	-.0005	.0026	.0041	-.0991	-.0295	-.0016	.0001
#2	-.0096	.0002	-.0005	.0024	.0064	-.1430	-.0323	-.0039	.0001
#3	-.0034	-.0002	-.0002	.0029	.0048	-.1102	-.0264	-.0048	.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0896**	**-.0005**	**.0024**	**.0003**	**.0205**	**.0000**	**-.0024**	**.0167**
Stddev	.0001	.0334	.0002	.0019	.0006	.0010	.0011	.0022	.0036
%RSD	55.38	37.32	36.57	79.77	219.4	5.004	2754.	90.47	21.27
#1	-.0002	.0519	-.0003	.0046	.0009	.0213	.0004	-.0037	.0204
#2	-.0001	.1157	-.0007	.0011	-.0003	.0194	.0009	.0001	.0164
#3	-.0000	.1013	-.0005	.0015	.0003	.0209	-.0012	-.0037	.0133

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0001**	**.0006**	**.0012**	**.0004**	**.0036**	**-.0001**	**-.0001**
Stddev	.0004	.0001	.0004	.0003	.0006	.0013	.0000	.0000
%RSD	95.42	71.69	74.44	20.73	158.0	34.56	49.81	47.46
#1	.0006	.0001	.0007	.0012	.0009	.0051	-.0001	-.0002
#2	-.0000	.0001	.0001	.0015	-.0002	.0030	-.0001	-.0001
#3	.0005	.0000	.0009	.0010	.0003	.0029	-.0001	-.0001

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 16:08:43 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 10%rinse

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15798.**	**166280.**	**14830.**	**7901.3**
Stddev	84.	451.	73.	56.9
%RSD	.53478	.27133	.49489	.72045
#1	15852.	166800.	14813.	7933.5
#2	15700.	166010.	14766.	7835.6
#3	15842.	166020.	14910.	7934.8

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 16:13:36 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 10%rinse

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0073**	**-.0018**	**.0009**	**-.0010**	**.0001**	**-.0002**	**.0216**	**.0001**
Stddev	.0006	.0146	.0010	.0006	.0004	.0001	.0005	.0032	.0001
%RSD	61.94	200.2	53.65	64.11	34.02	120.2	311.4	14.86	53.80
#1	.0010	.0203	-.0029	.0009	-.0008	.0000	.0005	.0211	.0002
#2	.0014	.0101	-.0016	.0014	-.0014	.0000	-.0005	.0186	.0001
#3	.0003	-.0085	-.0010	.0003	-.0008	.0002	-.0005	.0250	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0003**	**-.0004**	**.0014**	**.0051**	**-.0655**	**-.0273**	**.0043**	**.0001**
Stddev	.0022	.0003	.0002	.0012	.0041	.1230	.0061	.0220	.0000
%RSD	399.9	109.5	48.76	83.89	80.89	187.8	22.23	507.1	83.92
#1	-.0002	-.0000	-.0004	.0025	.0048	-.0911	-.0329	.0216	.0000
#2	.0014	.0002	-.0006	.0015	.0094	-.1736	-.0282	.0117	.0000
#3	-.0028	.0005	-.0002	.0002	.0012	.0683	-.0209	-.0204	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0797**	**-.0005**	**.0023**	**-.0001**	**.0195**	**-.0011**	**-.0011**	**.0115**
Stddev	.0004	.0265	.0004	.0011	.0007	.0036	.0005	.0022	.0011
%RSD	3520.	33.26	72.46	44.84	509.7	18.38	46.70	192.4	9.689
#1	.0005	.0960	-.0001	.0030	.0001	.0200	-.0015	-.0035	.0128
#2	-.0002	.0940	-.0006	.0029	-.0010	.0229	-.0013	.0009	.0111
#3	-.0003	.0491	-.0008	.0011	.0005	.0157	-.0005	-.0008	.0106

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0001**	**.0005**	**-.0003**	**.0004**	**.0040**	**-.0001**	**-.0002**
Stddev	.0002	.0001	.0006	.0009	.0005	.0008	.0002	.0001
%RSD	70.61	61.81	131.3	286.6	120.8	19.23	179.4	48.54
#1	.0001	.0000	.0005	.0001	-.0001	.0039	-.0003	-.0002
#2	.0005	.0002	.0010	.0003	.0010	.0048	-.0001	-.0001
#3	.0005	.0001	-.0002	-.0013	.0005	.0033	.0001	-.0003

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 16:13:36 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 10%rinse

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15740.**	**164570.**	**14909.**	**7876.5**
Stddev	137.	5136.	47.	73.3
%RSD	.86872	3.1208	.31677	.93060
#1	15850.	158670.	14915.	7931.8
#2	15782.	167000.	14859.	7904.3
#3	15587.	168050.	14953.	7793.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 16:18:32 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2386**	**39.80**	**1.951**	**1.990**	**2.066**	**1.970**	**2.035**	**39.60**	**1.991**
Stddev	.0004	.08	.008	.008	.002	.002	.008	.03	.009
%RSD	.1653	.2075	.4104	.4024	.0823	.1003	.3987	.0799	.4277
#1	.2389	39.87	1.942	1.981	2.068	1.972	2.026	39.63	1.981
#2	.2389	39.70	1.955	1.993	2.065	1.968	2.040	39.56	1.995
#3	.2382	39.82	1.956	1.996	2.065	1.971	2.040	39.60	1.997
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.003**	**2.093**	**1.864**	**2.171**	**39.99**	**42.02**	**2.091**	**39.41**	**2.002**
Stddev	.003	.008	.003	.001	.03	.08	.005	.06	.004
%RSD	.1612	.3737	.1359	.0606	.0753	.1893	.2372	.1576	.2043
#1	2.006	2.084	1.866	2.173	40.03	42.08	2.092	39.47	1.998
#2	2.000	2.097	1.861	2.170	39.97	41.93	2.096	39.35	2.005
#3	2.002	2.098	1.865	2.171	39.99	42.06	2.086	39.43	2.004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.924**	**40.21**	**2.070**	**2.000**	**2.094**	**2.077**	**1.998**	**1.973**	**5.139**
Stddev	.009	.02	.007	.008	.007	.009	.007	.009	.024
%RSD	.4868	.0405	.3189	.3922	.3308	.4090	.3470	.4791	.4748
#1	1.913	40.23	2.063	1.991	2.086	2.068	1.990	1.962	5.111
#2	1.927	40.19	2.076	2.003	2.097	2.085	2.003	1.978	5.149
#3	1.931	40.21	2.072	2.006	2.099	2.078	2.000	1.979	5.157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 16:18:32 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.021**	**2.180**	**1.990**	**2.112**	**1.919**	**1.943**	**2.015**	**1.962**
Stddev	.010	.002	.002	.007	.001	.008	.008	.001
%RSD	.5023	.0939	.0796	.3389	.0264	.4142	.3787	.0621
#1	2.009	2.182	1.991	2.105	1.919	1.933	2.007	1.963
#2	2.025	2.179	1.990	2.119	1.918	1.947	2.020	1.962
#3	2.028	2.179	1.988	2.113	1.919	1.948	2.020	1.961
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14706.**	**160560.**	**14803.**	**7730.7**
Stddev	35.	544.	51.	23.2
%RSD	.23592	.33884	.34763	.30008
#1	14745.	160040.	14749.	7755.4
#2	14694.	161130.	14852.	7727.4
#3	14679.	160510.	14806.	7709.4

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 16:23:23 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**-.0002**	**-.0002**	**.0045**	**-.0001**	**.0000**	**-.0003**	**.0115**	**.0000**
Stddev	.0000	.0180	.0002	.0011	.0002	.0001	.0025	.0026	.0002
%RSD	5.316	11050.	97.78	23.38	411.6	285.4	899.0	22.90	1221.
#1	.0007	-.0096	.0000	.0055	-.0002	.0002	-.0027	.0145	-.0002
#2	.0008	.0206	-.0002	.0034	-.0002	.0000	-.0004	.0103	.0000
#3	.0008	-.0116	-.0003	.0046	.0002	-.0001	.0023	.0097	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0002**	**-.0002**	**.0005**	**.0054**	**.0391**	**-.0254**	**-.0040**	**.0002**
Stddev	.0036	.0004	.0003	.0008	.0036	.0895	.0029	.0002	.0001
%RSD	714.5	148.2	129.8	171.2	67.06	229.3	11.34	4.608	36.51
#1	.0030	.0005	-.0004	-.0005	.0079	.0670	-.0267	-.0040	.0002
#2	-.0003	-.0002	.0001	.0008	.0013	.1113	-.0221	-.0038	.0002
#3	-.0042	.0004	-.0003	.0011	.0069	-.0611	-.0274	-.0042	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.1926**	**.0001**	**.0015**	**.0007**	**.0165**	**-.0010**	**-.0001**	**.0058**
Stddev	.0005	.0110	.0002	.0007	.0012	.0021	.0011	.0041	.0023
%RSD	58.98	5.711	398.4	47.09	167.2	12.71	114.3	3018.	39.87
#1	.0014	.2001	.0003	.0010	-.0002	.0189	-.0006	.0037	.0083
#2	.0004	.1977	-.0001	.0011	.0002	.0156	-.0022	.0004	.0037
#3	.0008	.1800	-.0001	.0023	.0021	.0150	-.0001	-.0045	.0054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 16:23:23 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0001**	**.0009**	**.0015**	**.0007**	**.0033**	**-.0003**	**.0003**
Stddev	.0004	.0001	.0001	.0011	.0003	.0013	.0001	.0004
%RSD	98.54	73.12	12.39	73.16	37.63	39.62	52.85	152.2
#1	.0002	.0001	.0010	.0003	.0009	.0048	-.0001	-.0001
#2	.0009	.0000	.0010	.0016	.0004	.0026	-.0003	.0007
#3	.0002	.0001	.0008	.0025	.0008	.0024	-.0004	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15825.**	**169690.**	**15145.**	**8016.2**
Stddev	32.	727.	73.	21.7
%RSD	.20104	.42843	.48524	.27055
#1	15840.	170250.	15070.	8023.2
#2	15847.	168870.	15150.	8033.5
#3	15789.	169950.	15217.	7991.9

Zoom In Zoom Out

Sample Name: cri Acquired: 1/27/2025 16:28:14 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0055**	**.1915**	**.0066**	**.1014**	**.1942**	**.0019**	**.0216**	**4.823**	**.0027**
Stddev	.0001	.0091	.0003	.0012	.0032	.0001	.0012	.092	.0001
%RSD	1.566	4.731	5.071	1.185	1.645	6.403	5.568	1.905	5.020
#1	.0056	.1840	.0066	.1008	.1961	.0018	.0202	4.875	.0028
#2	.0056	.2016	.0063	.1007	.1961	.0020	.0219	4.878	.0025
#3	.0055	.1890	.0070	.1028	.1906	.0019	.0226	4.717	.0027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0050**	**.0494**	**.0086**	**.0097**	**.1055**	**5.180**	F **.0348**	**4.899**	**.0146**
Stddev	.0041	.0003	.0005	.0002	.0021	.152	.0033	.103	.0000
%RSD	82.38	.6294	5.353	2.303	2.029	2.926	9.515	2.110	.1712
#1	-.0081	.0498	.0087	.0096	.1051	5.307	.0373	4.973	.0146
#2	-.0067	.0492	.0090	.0095	.1079	5.222	.0311	4.944	.0146
#3	-.0003	.0493	.0081	.0100	.1036	5.013	.0361	4.781	.0146
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value							.0500		
Range							-20.00%		

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0191**	**5.116**	**.0096**	**.0506**	**.0035**	F **.0634**	**.0060**	**.0093**	**.2340**
Stddev	.0002	.075	.0003	.0006	.0010	.0021	.0017	.0022	.0015
%RSD	1.278	1.469	3.410	1.191	27.60	3.236	27.78	23.26	.6268
#1	.0194	5.150	.0098	.0509	.0046	.0621	.0077	.0091	.2357
#2	.0190	5.167	.0093	.0500	.0032	.0658	.0060	.0072	.2336
#3	.0189	5.029	.0098	.0511	.0027	.0624	.0044	.0115	.2328
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value						.0500			
Range						20.00%			

Zoom In Zoom Out

Sample Name: cri Acquired: 1/27/2025 16:28:14 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0094**	**.0100**	**.0102**	**.0109**	**.0472**	**.0474**	**.0198**	**.0113**
Stddev	.0004	.0003	.0001	.0028	.0006	.0001	.0001	.0001
%RSD	4.303	2.495	1.380	26.04	1.279	.1855	.4297	.7887
#1	.0099	.0099	.0104	.0119	.0474	.0475	.0198	.0114
#2	.0094	.0103	.0102	.0077	.0465	.0473	.0199	.0113
#3	.0091	.0099	.0101	.0131	.0476	.0473	.0197	.0112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15574.**	**168060.**	**15366.**	**7973.1**
Stddev	43.	547.	286.	27.7
%RSD	.27381	.32522	1.8623	.34789
#1	15551.	167620.	15214.	7956.8
#2	15623.	168670.	15187.	8005.2
#3	15548.	167890.	15696.	7957.4

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 16:33:02 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.1184**	**.0022**	**.0027**	**.0031**	**.0010**	**.0005**	**.9893**	**.0011**
Stddev	.0007	.0126	.0003	.0002	.0002	.0001	.0015	.0057	.0002
%RSD	145.6	10.61	15.41	7.132	7.126	13.72	289.6	.5790	17.17
#1	.0013	.1329	.0024	.0026	.0032	.0009	.0019	.9888	.0012
#2	-.0002	.1112	.0023	.0029	.0028	.0011	-.0010	.9953	.0008
#3	.0005	.1111	.0018	.0027	.0031	.0008	.0005	.9838	.0012

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0051**	**.0030**	**.0014**	**.0009**	**.0051**	**2.013**	**-.0258**	**.1051**	**.0029**
Stddev	.0009	.0003	.0001	.0008	.0051	.073	.0049	.0069	.0001
%RSD	18.05	10.43	4.338	90.38	99.78	3.629	18.87	6.571	2.073
#1	-.0046	.0032	.0014	-.0000	.0027	2.070	-.0247	.1131	.0029
#2	-.0046	.0031	.0015	.0012	.0017	2.039	-.0312	.1012	.0028
#3	-.0062	.0026	.0015	.0015	.0109	1.931	-.0217	.1010	.0029

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**1.178**	**.0037**	**.0009**	**-.0004**	**.0085**	**.0009**	**.0034**	**.0023**
Stddev	.0001	.015	.0002	.0008	.0009	.0023	.0013	.0034	.0019
%RSD	37.09	1.243	6.376	84.32	202.5	27.34	147.9	100.3	81.49
#1	.0005	1.193	.0037	.0017	-.0008	.0062	-.0006	.0074	.0007
#2	.0002	1.179	.0035	.0002	-.0011	.0085	.0018	.0021	.0044
#3	.0003	1.164	.0039	.0009	.0005	.0109	.0014	.0009	.0018

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0001**	**.0008**	**.0009**	**.0025**	**.0016**	**.0100**	**.0001**
Stddev	.0003	.0001	.0003	.0010	.0001	.0003	.0001	.0001
%RSD	330.7	98.28	31.66	107.5	3.684	18.92	1.160	91.13
#1	.0004	.0002	.0010	.0006	.0025	.0013	.0100	.0002
#2	-.0002	.0001	.0011	.0021	.0024	.0015	.0098	.0002
#3	.0000	-.0000	.0005	.0002	.0025	.0019	.0100	-.0000

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 16:33:02 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15749.**	**169760.**	**15083.**	**8014.5**
Stddev	19.	4877.	70.	13.7
%RSD	.11916	2.8731	.46488	.17075
#1	15770.	168590.	15038.	8026.0
#2	15746.	175110.	15048.	8018.1
#3	15733.	165570.	15164.	7999.4

Zoom In Zoom Out

Sample Name: icsa Acquired: 1/27/2025 16:37:51 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**490.7**	**-.0017**	**-.0064**	**-.0014**	**-.0004**	**.0080**	**377.2**
Stddev	.0005	.1	.0004	.0009	.0006	.0001	.0010	2.2
%RSD	154.8	.0286	26.63	14.70	39.03	16.98	12.45	.5748
#1	.0009	490.6	-.0012	-.0056	-.0020	-.0004	.0091	377.8
#2	-.0001	490.7	-.0019	-.0061	-.0014	-.0004	.0072	374.8
#3	.0002	490.9	-.0020	-.0074	-.0009	-.0005	.0077	379.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**-.0041**	**-.0029**	**-.0024**	**.0014**	**192.5**	**.3100**	F **-.0432**
Stddev	.0001	.0072	.0005	.0002	.0003	.2	.1143	.0047
%RSD	14.12	173.9	16.22	9.136	18.58	.0861	36.85	10.98
#1	-.0010	.0009	-.0030	-.0026	.0011	192.5	.3375	-.0386
#2	-.0007	-.0010	-.0023	-.0022	.0016	192.6	.4080	-.0431
#3	-.0009	-.0124	-.0032	-.0024	.0013	192.3	.1845	-.0480
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit								.0200
Low Limit								-.0200

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**465.4**	**-.0022**	**.0001**	**.3238**	**-.0022**	**-.0046**	**-.0027**	**.0407**
Stddev	.6	.0000	.0003	.0225	.0005	.0020	.0009	.0003
%RSD	.1201	1.701	196.9	6.941	23.83	44.17	32.41	.6270
#1	465.8	-.0023	.0003	.3075	-.0019	-.0062	-.0035	.0407
#2	465.6	-.0022	.0002	.3144	-.0020	-.0053	-.0017	.0405
#3	464.7	-.0022	-.0002	.3494	-.0028	-.0023	-.0030	.0410
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Zoom In Zoom Out

Sample Name: icsa Acquired: 1/27/2025 16:37:51 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**-.0057**	**.0252**	**-.0001**	**-.0018**	**.0001**	**-.0044**	**-.0014**
Stddev	.0025	.0024	.0007	.0008	.0003	.0006	.0029	.0003
%RSD	386.7	42.14	2.702	666.1	15.93	557.3	67.39	20.37
#1	.0022	-.0029	.0253	.0007	-.0016	-.0004	-.0024	-.0017
#2	-.0021	-.0073	.0259	-.0002	-.0016	.0000	-.0077	-.0011
#3	-.0020	-.0068	.0246	-.0009	-.0021	.0007	-.0030	-.0015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0246**	**-.0035**	**.0043**
Stddev	.0001	.0001	.0003
%RSD	.5471	1.762	6.292
#1	.0245	-.0034	.0044
#2	.0247	-.0035	.0045
#3	.0245	-.0035	.0040
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13566.**	**146740.**	**14503.**	**7223.3**
Stddev	24.	325.	28.	14.6
%RSD	.17520	.22171	.19607	.20172
#1	13539.	146560.	14533.	7206.5
#2	13575.	146540.	14477.	7232.2
#3	13583.	147110.	14499.	7231.3

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 1/27/2025 16:42:43 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.014**	**487.8**	**.9435**	**.4732**	**.5016**	**.4713**	**.5087**	**371.4**	**.9923**
Stddev	.001	1.3	.0008	.0021	.0001	.0019	.0008	1.4	.0007
%RSD	.0841	.2611	.0832	.4541	.0290	.3948	.1512	.3749	.0743
#1	1.014	489.2	.9427	.4713	.5014	.4734	.5084	371.6	.9914
#2	1.013	487.2	.9443	.4727	.5016	.4700	.5095	372.7	.9927
#3	1.015	486.9	.9436	.4755	.5017	.4705	.5081	370.0	.9927
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0125**	**.4894**	**.4303**	**.5460**	**190.2**	**.3312**	**.5183**	**457.8**	**.4870**
Stddev	.0060	.0008	.0011	.0007	.5	.1156	.0003	1.1	.0007
%RSD	48.55	.1623	.2496	.1243	.2395	34.90	.0566	.2442	.1429
#1	-.0187	.4886	.4312	.5457	190.7	.2494	.5181	459.0	.4874
#2	-.0067	.4896	.4291	.5468	189.9	.2808	.5187	457.1	.4862
#3	-.0119	.4902	.4305	.5456	189.8	.4635	.5182	457.1	.4875
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4575**	**.2665**	**.9726**	**.5051**	**.9711**	**.5427**	**1.064**	**1.017**	**.5463**
Stddev	.0003	.0089	.0006	.0007	.0019	.0035	.000	.002	.0015
%RSD	.0633	3.333	.0662	.1384	.2002	.6410	.0345	.1976	.2787
#1	.4572	.2737	.9730	.5044	.9690	.5444	1.064	1.015	.5456
#2	.4574	.2566	.9729	.5058	.9729	.5387	1.064	1.019	.5480
#3	.4578	.2692	.9718	.5049	.9714	.5450	1.063	1.016	.5452
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 1/27/2025 16:42:43 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4812**	**.5151**	**.4714**	**.9883**	**.4672**	**.4767**	**.9320**	**.4353**
Stddev	.0011	.0018	.0007	.0016	.0013	.0023	.0004	.0023
%RSD	.2289	.3446	.1520	.1578	.2694	.4860	.0389	.5250
#1	.4804	.5171	.4712	.9901	.4682	.4769	.9316	.4343
#2	.4807	.5138	.4708	.9874	.4658	.4743	.9321	.4336
#3	.4824	.5144	.4722	.9874	.4677	.4789	.9324	.4379
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**13603.**	**147180.**	**14491.**	**7175.7**
Stddev	12.	337.	39.	8.1
%RSD	.09177	.22888	.27178	.11268
#1	13617.	147010.	14481.	7183.9
#2	13600.	147560.	14457.	7175.5
#3	13592.	146960.	14534.	7167.7

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 16:47:33 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2419**	**39.99**	**1.965**	**2.002**	**2.079**	**1.985**	**2.047**	**39.85**	**2.002**
Stddev	.0002	.23	.014	.015	.013	.010	.013	.23	.014
%RSD	.0764	.5688	.6904	.7315	.6040	.4898	.6218	.5849	.6847
#1	.2420	39.72	1.969	2.003	2.065	1.973	2.049	39.58	2.006
#2	.2417	40.10	1.950	1.986	2.086	1.990	2.033	39.98	1.987
#3	.2421	40.14	1.976	2.016	2.087	1.991	2.058	39.98	2.013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.016**	**2.092**	**1.888**	**2.166**	**40.16**	**42.20**	**2.102**	**39.64**	**2.005**
Stddev	.012	.014	.009	.011	.25	.24	.013	.23	.009
%RSD	.5836	.6516	.4575	.4869	.6311	.5633	.6270	.5735	.4746
#1	2.029	2.096	1.897	2.178	39.86	41.93	2.087	39.38	2.014
#2	2.007	2.077	1.880	2.159	40.30	42.34	2.109	39.81	1.995
#3	2.011	2.103	1.887	2.160	40.31	42.34	2.110	39.72	2.005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.947**	**40.52**	**2.076**	**2.008**	**2.096**	**2.076**	**2.004**	**1.985**	**5.175**
Stddev	.015	.24	.013	.012	.014	.017	.017	.014	.038
%RSD	.7783	.5993	.6314	.6195	.6622	.8258	.8473	.7110	.7269
#1	1.950	40.24	2.081	2.012	2.101	2.085	2.010	1.989	5.186
#2	1.931	40.69	2.061	1.995	2.080	2.057	1.986	1.969	5.133
#3	1.961	40.62	2.085	2.019	2.107	2.087	2.018	1.997	5.206
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 16:47:33 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.033**	**2.177**	**2.007**	**2.119**	**1.942**	**1.960**	**2.022**	**1.988**
Stddev	.016	.011	.008	.015	.010	.016	.015	.010
%RSD	.7669	.5199	.3865	.6826	.4964	.8220	.7401	.5070
#1	2.035	2.164	2.016	2.127	1.953	1.961	2.027	1.998
#2	2.016	2.182	2.000	2.102	1.936	1.943	2.005	1.978
#3	2.047	2.185	2.006	2.127	1.937	1.975	2.034	1.987
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14746.**	**159290.**	**14810.**	**7671.6**
Stddev	66.	403.	80.	42.6
%RSD	.44780	.25305	.53912	.55575
#1	14735.	158830.	14899.	7671.5
#2	14817.	159470.	14783.	7714.3
#3	14686.	159580.	14747.	7629.0

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 16:52:25 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0063**	**-.0008**	**.0045**	**-.0003**	**.0002**	**.0005**	**.0099**	**-.0000**
Stddev	.0001	.0098	.0009	.0010	.0004	.0001	.0013	.0020	.0003
%RSD	73.69	155.4	112.1	22.91	146.4	31.76	259.8	20.46	5809.
#1	-.0002	-.0172	-.0009	.0057	-.0008	.0003	-.0010	.0103	.0003
#2	-.0001	-.0032	.0002	.0040	-.0000	.0002	.0010	.0077	-.0004
#3	-.0001	.0016	-.0015	.0038	-.0001	.0001	.0014	.0117	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0018**	**.0001**	**-.0004**	**-.0000**	**.0071**	**.0767**	**-.0206**	**.0016**	**.0000**
Stddev	.0023	.0002	.0001	.0009	.0008	.0264	.0030	.0049	.0000
%RSD	128.7	189.8	21.11	4614.	11.93	34.45	14.38	317.6	94.03
#1	.0008	-.0001	-.0003	.0009	.0078	.0464	-.0177	.0009	-.0000
#2	-.0025	.0001	-.0005	-.0003	.0073	.0950	-.0205	.0068	.0001
#3	-.0036	.0004	-.0004	-.0007	.0062	.0887	-.0236	-.0030	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.1762**	**-.0002**	**.0003**	**-.0003**	**.0110**	**-.0018**	**-.0015**	**.0034**
Stddev	.0002	.0328	.0001	.0005	.0009	.0026	.0019	.0011	.0003
%RSD	24.31	18.62	44.71	199.7	270.0	23.63	104.3	72.39	7.575
#1	.0010	.1422	-.0002	.0001	-.0012	.0129	-.0021	-.0023	.0033
#2	.0006	.1789	-.0001	-.0002	-.0003	.0120	-.0035	-.0003	.0037
#3	.0008	.2076	-.0002	.0008	.0005	.0080	.0002	-.0018	.0033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 16:52:25 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0002**	**.0009**	**-.0003**	**.0002**	**.0013**	**-.0002**	**-.0000**
Stddev	.0008	.0001	.0001	.0004	.0002	.0014	.0001	.0001
%RSD	120.9	54.16	15.24	149.5	89.36	110.1	41.96	494.7
#1	-.0001	.0001	.0008	-.0001	.0002	.0027	-.0001	-.0001
#2	.0006	.0002	.0009	.0001	.0004	.0012	-.0002	-.0000
#3	.0014	.0003	.0011	-.0007	.0000	-.0001	-.0003	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16030.**	**168090.**	**15134.**	**7954.5**
Stddev	18.	1674.	47.	5.1
%RSD	.10984	.99610	.30791	.06393
#1	16010.	167790.	15089.	7957.6
#2	16044.	169900.	15182.	7957.2
#3	16036.	166590.	15129.	7948.6

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 16:57:18 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 10%rinse

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**-.0096**	**-.0003**	**.0028**	**-.0002**	**-.0000**	**.0009**	**.0164**	**-.0000**
Stddev	.0002	.0192	.0013	.0006	.0005	.0002	.0037	.0007	.0001
%RSD	577.5	200.8	384.2	21.41	303.8	390700.	418.9	4.346	273.1
#1	.0001	.0104	.0008	.0032	.0001	-.0001	-.0033	.0161	-.0001
#2	-.0002	-.0113	-.0017	.0021	-.0007	-.0001	.0021	.0159	-.0001
#3	.0000	-.0278	-.0001	.0031	.0001	.0002	.0039	.0172	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0096**	**-.0001**	**.0009**	**-.0002**	**.0043**	**-.0266**	**-.0310**	**.0083**	**.0001**
Stddev	.0014	.0001	.0018	.0007	.0035	.0320	.0013	.0166	.0000
%RSD	14.36	262.8	206.6	363.4	82.45	120.0	4.082	200.0	52.42
#1	-.0103	-.0002	-.0004	.0006	.0006	-.0244	-.0323	.0003	.0001
#2	-.0080	-.0001	.0030	-.0009	.0076	-.0597	-.0308	.0274	.0001
#3	-.0104	.0001	.0001	-.0003	.0046	.0042	-.0298	-.0028	.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0446**	**-.0004**	**.0012**	**-.0002**	**.0129**	**.0014**	**-.0011**	**.0057**
Stddev	.0003	.0073	.0004	.0010	.0011	.0015	.0011	.0008	.0006
%RSD	87.21	16.28	108.2	83.00	453.5	11.58	83.86	74.80	9.978
#1	.0005	.0493	-.0000	.0021	-.0003	.0136	.0011	-.0013	.0057
#2	.0000	.0362	-.0003	.0012	.0009	.0112	.0004	-.0019	.0063
#3	.0004	.0482	-.0009	.0002	-.0013	.0139	.0026	-.0002	.0052

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0000**	**.0002**	**-.0010**	**.0004**	**.0055**	**-.0001**	**-.0001**
Stddev	.0003	.0003	.0005	.0020	.0002	.0004	.0000	.0001
%RSD	85.10	4699.	252.9	205.4	59.18	7.766	63.33	75.55
#1	.0000	.0003	.0008	.0010	.0007	.0060	-.0000	-.0003
#2	.0005	-.0001	-.0002	-.0030	.0004	.0053	-.0001	-.0000
#3	.0006	-.0002	.0000	-.0009	.0002	.0052	-.0000	-.0001

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 16:57:18 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 10%rinse

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16250.**	**168120.**	**15156.**	**7951.3**
Stddev	8.	1183.	166.	13.8
%RSD	.05197	.70350	1.0931	.17340
#1	16259.	167970.	15309.	7967.1
#2	16242.	169370.	14980.	7941.6
#3	16249.	167020.	15180.	7945.3

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 17:02:10 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0043**	**.2137**	**.0073**	**.1009**	**.1952**	**.0019**	**.0236**	**4.837**	**.0027**
Stddev	.0002	.0100	.0018	.0006	.0006	.0001	.0018	.010	.0002
%RSD	5.289	4.674	24.65	.5458	.2873	3.501	7.678	.2030	5.798
#1	.0045	.2079	.0061	.1014	.1958	.0018	.0255	4.842	.0028
#2	.0041	.2079	.0094	.1003	.1948	.0019	.0233	4.843	.0029
#3	.0045	.2252	.0065	.1010	.1951	.0019	.0219	4.826	.0025

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0089**	**.0488**	**.0092**	**.0091**	**.1034**	**5.085**	**.0258**	**4.977**	**.0151**
Stddev	.0053	.0003	.0010	.0023	.0029	.075	.0056	.047	.0014
%RSD	59.10	.5911	10.90	25.35	2.836	1.468	21.82	.9462	9.217
#1	-.0028	.0487	.0088	.0082	.1050	4.999	.0301	4.990	.0146
#2	-.0120	.0491	.0085	.0074	.1051	5.131	.0278	4.925	.0140
#3	-.0119	.0485	.0103	.0117	.1000	5.126	.0194	5.016	.0166

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0194**	**5.222**	**.0094**	**.0489**	**.0030**	**.0604**	**.0067**	**.0079**	**.2322**
Stddev	.0002	.034	.0006	.0006	.0010	.0003	.0028	.0014	.0003
%RSD	.9756	.6582	6.044	1.186	32.88	.4839	42.18	17.53	.1186
#1	.0193	5.183	.0088	.0487	.0021	.0608	.0070	.0076	.2323
#2	.0197	5.245	.0099	.0485	.0040	.0603	.0037	.0094	.2324
#3	.0193	5.239	.0096	.0496	.0029	.0602	.0093	.0067	.2319

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0098**	**.0100**	**.0102**	**.0078**	**.0493**	**.0483**	**.0197**	**.0116**
Stddev	.0006	.0002	.0007	.0003	.0049	.0002	.0001	.0009
%RSD	6.550	2.271	7.247	3.266	9.940	.4013	.6934	7.893
#1	.0094	.0098	.0097	.0077	.0472	.0484	.0197	.0115
#2	.0095	.0102	.0097	.0081	.0457	.0481	.0198	.0107
#3	.0106	.0100	.0110	.0076	.0548	.0484	.0196	.0126

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 17:02:10 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16088.**	**161570.**	**15336.**	**7925.4**
Stddev	21.	13880.	59.	6.4
%RSD	.12979	8.5906	.38630	.08065
#1	16070.	167600.	15405.	7918.3
#2	16083.	171410.	15300.	7927.4
#3	16111.	145690.	15305.	7930.6

Zoom In Zoom Out

Sample Name: crid Acquired: 1/27/2025 17:07:00 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0873**	**.0028**	**.0025**	**.0041**	**.0010**	**.0036**	**.9684**	**.0011**
Stddev	.0009	.0218	.0010	.0007	.0006	.0000	.0022	.0037	.0003
%RSD	133.9	24.96	35.40	27.29	14.56	3.059	61.34	.3771	28.14
#1	-.0016	.1113	.0020	.0033	.0045	.0010	.0039	.9684	.0014
#2	.0002	.0687	.0039	.0019	.0043	.0010	.0013	.9647	.0010
#3	-.0006	.0819	.0025	.0025	.0034	.0011	.0057	.9720	.0008
Check ?	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0045**	**.0030**	**.0018**	**-.0001**	**.0070**	**2.047**	**-.0280**	**.1070**	**.0029**
Stddev	.0034	.0001	.0001	.0006	.0015	.027	.0009	.0024	.0001
%RSD	75.95	2.385	5.395	758.9	20.91	1.316	3.302	2.215	2.244
#1	-.0080	.0030	.0017	-.0002	.0053	2.078	-.0272	.1050	.0029
#2	-.0045	.0031	.0019	-.0007	.0075	2.034	-.0278	.1096	.0029
#3	-.0011	.0030	.0017	.0006	.0082	2.029	-.0290	.1064	.0028
Check ?	None	Chk Pass	Chk Pass	None	None	Chk Pass	None	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**1.157**	**.0037**	**.0005**	**-.0001**	**.0056**	**-.0011**	F **.0032**	**.0002**
Stddev	.0001	.021	.0005	.0003	.0002	.0006	.0016	.0012	.0021
%RSD	377.6	1.776	13.17	52.53	326.0	10.41	148.0	36.68	1145.
#1	-.0002	1.168	.0042	.0008	.0000	.0052	.0007	.0044	.0005
#2	-.0000	1.134	.0035	.0003	.0001	.0053	-.0023	.0032	-.0021
#3	.0001	1.171	.0033	.0005	-.0003	.0062	-.0017	.0020	.0022
Check ?	None	Chk Pass	Chk Pass	None	None	None	None	Chk Fail	None
Value								.0050	
Range								-20.00%	

Zoom In Zoom Out

Sample Name: crid Acquired: 1/27/2025 17:07:00 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0002**	**.0006**	F **.0027**	**.0023**	**.0025**	**.0099**	**.0000**
Stddev	.0001	.0000	.0003	.0015	.0002	.0002	.0000	.0002
%RSD	125.9	9.810	53.26	56.62	10.07	9.660	.3433	2998.
#1	-.0000	.0002	.0006	.0026	.0023	.0027	.0099	-.0001
#2	-.0002	.0002	.0002	.0012	.0021	.0022	.0099	-.0000
#3	-.0000	.0003	.0008	.0042	.0026	.0025	.0099	.0002
Check ?	None	None	None	Chk Fail	Chk Pass	None	Chk Pass	None
Value				.0020				
Range				20.00%				

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16332.**	**167180.**	**15452.**	**7905.7**
Stddev	37.	155.	68.	32.1
%RSD	.22825	.09295	.44313	.40596
#1	16367.	167310.	15379.	7934.5
#2	16293.	167010.	15514.	7871.1
#3	16336.	167230.	15464.	7911.4

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 17:11:49 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: icsa

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	F **488.9**	**.0014**	**-.0063**	**-.0011**	**-.0005**	**.0030**	F **375.7**	**-.0010**
Stddev	.0005	11.5	.0016	.0020	.0002	.0002	.0023	9.7	.0001
%RSD	34.20	2.343	113.5	31.80	15.35	28.09	75.67	2.581	15.17
#1	-.0009	500.6	-.0001	-.0077	-.0009	-.0005	.0029	380.1	-.0009
#2	-.0014	488.5	.0030	-.0072	-.0010	-.0004	.0008	382.4	-.0011
#3	-.0018	477.7	.0012	-.0040	-.0013	-.0007	.0054	364.6	-.0009

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0059**	**-.0024**	**-.0025**	**-.0012**	**184.6**	**.2527**	**-.0422**	F **451.0**	**-.0024**
Stddev	.0026	.0002	.0003	.0012	4.1	.0685	.0049	10.5	.0001
%RSD	43.45	9.983	13.10	103.6	2.214	27.10	11.63	2.324	4.344
#1	.0029	-.0022	-.0027	-.0007	187.0	.1950	-.0388	457.7	-.0024
#2	.0072	-.0024	-.0026	-.0003	187.0	.3284	-.0478	456.4	-.0026
#3	.0075	-.0027	-.0021	-.0026	179.9	.2347	-.0400	438.9	-.0024

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.2330**	**-.0027**	**-.0058**	**.0025**	**.0217**	**-.0032**	**-.0019**	**.0161**
Stddev	.0004	.0083	.0006	.0012	.0014	.0024	.0010	.0032	.0017
%RSD	144.5	3.581	20.62	20.49	55.34	11.28	31.96	170.0	10.38
#1	.0002	.2235	-.0033	-.0070	.0020	.0234	-.0020	-.0013	.0152
#2	.0007	.2390	-.0023	-.0056	.0040	.0189	-.0037	-.0053	.0180
#3	-.0001	.2366	-.0025	-.0047	.0014	.0229	-.0040	.0010	.0151

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0022**	**-.0004**	**-.0027**	**-.0016**	**.0254**	**-.0003**	**.0025**
Stddev	.0004	.0002	.0001	.0014	.0001	.0007	.0004	.0006
%RSD	366.1	8.274	15.08	53.24	7.375	2.590	139.2	24.65
#1	-.0005	-.0023	-.0003	-.0012	-.0018	.0257	-.0007	.0028
#2	.0003	-.0020	-.0003	-.0028	-.0015	.0246	-.0004	.0029
#3	-.0002	-.0022	-.0004	-.0041	-.0016	.0259	.0002	.0018

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 17:11:49 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: icsa

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14068.**	**144210.**	**14879.**	**7112.1**
Stddev	118.	922.	260.	79.8
%RSD	.84074	.63938	1.7471	1.1227
#1	14079.	143170.	14709.	7116.4
#2	14181.	144540.	14750.	7189.8
#3	13945.	144920.	15178.	7030.2

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 17:16:48 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: crib

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0297**	**.2151**	**.0082**	**.0996**	**.1985**	**.0018**	**.0233**	**4.919**	**.0028**
Stddev	.0002	.0293	.0008	.0014	.0010	.0001	.0018	.017	.0001
%RSD	.7906	13.64	9.745	1.446	.4866	4.502	7.914	.3372	3.898
#1	.0294	.2489	.0088	.0993	.1977	.0017	.0229	4.905	.0027
#2	.0298	.1968	.0085	.1012	.1996	.0018	.0254	4.937	.0029
#3	.0299	.1994	.0073	.0984	.1982	.0019	.0217	4.915	.0029

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0022**	**.0478**	**.0088**	**.0074**	**.1170**	**5.133**	**.0276**	**5.074**	**.0145**
Stddev	.0016	.0005	.0004	.0005	.0009	.034	.0048	.048	.0001
%RSD	70.76	1.103	4.137	6.375	.7984	.6649	17.25	.9449	.4000
#1	-.0014	.0480	.0091	.0080	.1170	5.161	.0249	5.119	.0146
#2	-.0041	.0483	.0084	.0071	.1160	5.095	.0248	5.080	.0146
#3	-.0012	.0472	.0089	.0072	.1179	5.143	.0331	5.023	.0145

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0195**	**5.315**	**.0099**	**.0494**	**.0037**	**.0542**	**.0082**	**.0088**	**.2446**
Stddev	.0002	.011	.0004	.0011	.0009	.0007	.0019	.0008	.0026
%RSD	.8379	.2059	3.671	2.273	23.56	1.368	22.92	9.418	1.070
#1	.0194	5.309	.0097	.0486	.0028	.0549	.0094	.0094	.2437
#2	.0195	5.327	.0103	.0506	.0038	.0534	.0092	.0079	.2476
#3	.0197	5.307	.0096	.0488	.0045	.0543	.0060	.0092	.2426

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0097**	**.0099**	**.0101**	**.0097**	**.0478**	**.0506**	**.0202**	**.0100**
Stddev	.0007	.0001	.0003	.0007	.0001	.0006	.0002	.0001
%RSD	6.843	.6388	2.777	7.720	.1613	1.273	1.066	1.305
#1	.0103	.0099	.0101	.0090	.0479	.0503	.0201	.0101
#2	.0098	.0099	.0098	.0105	.0477	.0514	.0205	.0100
#3	.0090	.0098	.0104	.0095	.0477	.0502	.0200	.0098

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 1/27/2025 17:16:48 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: crib

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16085.**	**163840.**	**15060.**	**7790.4**
Stddev	134.	361.	56.	73.4
%RSD	.83093	.22014	.36899	.94169
#1	16128.	164160.	15060.	7820.7
#2	15935.	163450.	15004.	7706.7
#3	16191.	163920.	15116.	7843.8

Zoom In Zoom Out

Sample Name: je4570-5 7 Acquired: 1/27/2025 17:21:34 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: mp52372

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.1594**	**-.0007**	**.3564**	**.0586**	**.0000**	**.0071**	**70.51**
Stddev	.0006	.0141	.0005	.0018	.0017	.0001	.0050	.11
%RSD	149.8	8.852	76.53	.5125	2.891	975.5	70.45	.1505
#1	.0001	.1656	-.0006	.3543	.0602	-.0001	.0120	70.53
#2	-.0002	.1694	-.0002	.3570	.0568	-.0000	.0021	70.40
#3	-.0011	.1433	-.0012	.3578	.0586	.0001	.0071	70.61

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**.0136**	**.0178**	**-.0010**	**.0049**	**32.81**	**4.625**	**-.0519**
Stddev	.0004	.0127	.0005	.0008	.0002	.06	.117	.0075
%RSD	31.41	93.10	2.567	79.30	3.295	.1847	2.521	14.40
#1	-.0017	.0272	.0179	-.0002	.0047	32.80	4.560	-.0468
#2	-.0009	.0022	.0173	-.0011	.0051	32.76	4.759	-.0485
#3	-.0015	.0114	.0182	-.0018	.0048	32.88	4.555	-.0605

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.06**	**3.768**	**.0010**	**261.5**	**.0087**	**.1485**	**.0003**	**67.32**
Stddev	.03	.016	.0004	.3	.0007	.0006	.0007	.18
%RSD	.2664	.4132	39.15	.1118	8.622	.4267	270.5	.2626
#1	13.08	3.763	.0008	261.5	.0088	.1484	-.0005	67.12
#2	13.02	3.786	.0014	261.3	.0079	.1492	.0008	67.47
#3	13.08	3.756	.0008	261.9	.0093	.1479	.0005	67.36

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0114**	**-.0097**	**8.685**	**-.0011**	**.2157**	**.0027**	**-.0116**	**.0009**
Stddev	.0015	.0027	.016	.0002	.0001	.0006	.0014	.0005
%RSD	13.47	28.11	.1812	14.38	.0581	22.76	11.80	58.67
#1	.0098	-.0066	8.668	-.0009	.2158	.0033	-.0130	.0003
#2	.0117	-.0114	8.700	-.0012	.2155	.0027	-.0103	.0010
#3	.0128	-.0112	8.686	-.0012	.2157	.0021	-.0116	.0014

Zoom In Zoom Out

Sample Name: je4570-5 7 Acquired: 1/27/2025 17:21:34 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: mp52372

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0027**	**.2112**	F **-.0427**
Stddev	.0012	.0004	.0003
%RSD	46.08	.2128	.7586
#1	.0041	.2108	-.0423
#2	.0017	.2117	-.0428
#3	.0023	.2112	-.0429

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15424.**	**158150.**	**15279.**	**7645.5**
Stddev	27.	410.	25.	15.3
%RSD	.17816	.25923	.16379	.19956
#1	15414.	157730.	15283.	7641.7
#2	15403.	158540.	15302.	7632.5
#3	15455.	158170.	15252.	7662.3

Zoom In Zoom Out

Sample Name: je4570-9 Acquired: 1/27/2025 17:26:29 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0091**	**3.464**	**.0023**	**.1031**	**.0626**	**.0041**	**.0175**	**72.80**	**.0290**
Stddev	.0040	.158	.0023	.0036	.0072	.0010	.0069	.09	.0025
%RSD	43.74	4.557	98.47	3.480	11.54	24.17	39.28	.1285	8.645
#1	-.0061	3.291	.0038	.1010	.0603	.0038	.0100	72.90	.0291
#2	-.0076	3.599	-.0003	.1010	.0706	.0052	.0191	72.79	.0264
#3	-.0137	3.502	.0035	.1072	.0568	.0033	.0234	72.72	.0314

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1641**	**.0735**	**-.0028**	**.0033**	**2.056**	**9.204**	**-.1530**	**23.62**	**3.751**
Stddev	.0440	.0011	.0049	.0046	.032	.873	.0322	.02	.008
%RSD	26.80	1.529	174.3	139.7	1.563	9.484	21.04	.0762	.2086
#1	.1785	.0728	.0021	-.0002	2.071	8.267	-.1732	23.64	3.760
#2	.1148	.0730	-.0029	.0015	2.019	9.352	-.1699	23.60	3.750
#3	.1992	.0748	-.0076	.0085	2.078	9.993	-.1159	23.61	3.744

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**1646.**	**.0991**	**.0180**	**-.0014**	**94.79**	**.0301**	**-.0170**	**9.607**
Stddev	.0009	4.	.0003	.0062	.0078	.11	.0164	.0304	.029
%RSD	185.9	.2162	.2979	34.52	549.0	.1135	54.38	178.5	.2969
#1	.0005	1648.	.0990	.0231	-.0067	94.91	.0146	-.0505	9.631
#2	-.0006	1647.	.0989	.0198	-.0051	94.74	.0472	.0089	9.616
#3	-.0014	1642.	.0995	.0111	.0075	94.72	.0286	-.0095	9.576

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0065**	**.4702**	**.0104**	**-.0118**	**.0022**	**.0293**	**.4296**	**-.0477**
Stddev	.0040	.0022	.0015	.0044	.0021	.0010	.0007	.0023
%RSD	61.97	.4737	14.57	36.87	94.51	3.419	.1661	4.819
#1	.0042	.4722	.0116	-.0112	.0005	.0282	.4298	-.0462
#2	.0041	.4705	.0108	-.0165	.0015	.0300	.4289	-.0504
#3	.0112	.4678	.0087	-.0078	.0045	.0298	.4303	-.0467

Zoom In Zoom Out

Sample Name: je4570-9 Acquired: 1/27/2025 17:26:29 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15398.**	**156890.**	**15201.**	**7685.0**
Stddev	8.	614.	20.	9.2
%RSD	.05152	.39117	.13366	.11907
#1	15397.	156360.	15180.	7675.8
#2	15406.	156750.	15205.	7694.1
#3	15390.	157560.	15220.	7685.1

Zoom In Zoom Out

Sample Name: je4570-10 Acquired: 1/27/2025 17:31:15 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 25.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0379**	**114.0**	**.0249**	**.3600**	**.0974**	**.0282**	**.0105**
Stddev	.0129	.9	.0372	.0080	.0059	.0020	.0416
%RSD	33.90	.8235	149.6	2.233	6.012	7.027	395.8
#1	-.0310	113.4	.0679	.3576	.0906	.0277	.0488
#2	-.0528	115.0	.0033	.3690	.1001	.0303	-.0337
#3	-.0300	113.4	.0035	.3535	.1013	.0264	.0165

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**87.06**	**-.0108**	**1.752**	**.1489**	**.3854**	**.7533**	**102.5**
Stddev	.23	.0042	.085	.0045	.0141	.0075	.3
%RSD	.2656	38.57	4.868	3.003	3.655	1.000	.3314
#1	86.88	-.0101	1.843	.1535	.3736	.7592	102.3
#2	87.32	-.0153	1.674	.1445	.3815	.7558	102.9
#3	86.98	-.0071	1.738	.1488	.4010	.7448	102.3

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**122.5**	F **-1.401**	**19.75**	**160.7**	**-.0069**	F **12890.**	**.4099**
Stddev	1.3	.078	.21	1.0	.0051	80.	.0065
%RSD	1.068	5.572	1.084	.6166	74.20	.6168	1.575
#1	121.5	-1.473	19.80	159.6	-.0127	12970.	.4149
#2	124.0	-1.412	19.93	161.0	-.0038	12900.	.4122
#3	122.1	-1.318	19.51	161.5	-.0041	12810.	.4026

Elem	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.278**	**.2364**	F **17410.**	**.0676**	**.0238**	**49.05**	**.0030**
Stddev	.019	.0118	45.	.0176	.0305	.53	.0155
%RSD	1.475	5.004	.2574	26.00	128.3	1.084	512.6
#1	1.262	.2231	17360.	.0867	.0582	48.59	.0081
#2	1.273	.2401	17410.	.0639	-.0001	48.92	.0153
#3	1.299	.2459	17450.	.0522	.0133	49.63	-.0143

Zoom In Zoom Out

Sample Name: je4570-10 Acquired: 1/27/2025 17:31:15 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 25.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5268**	**.3972**	**-.0481**	**.1244**	**-.0122**	**1.916**	**1.058**
Stddev	.0042	.0237	.0217	.0084	.0023	.010	.019
%RSD	.7960	5.975	45.21	6.786	18.55	.5257	1.766
#1	.5285	.4157	-.0475	.1268	-.0108	1.914	1.036
#2	.5298	.4054	-.0267	.1313	-.0110	1.907	1.070
#3	.5220	.3704	-.0701	.1150	-.0148	1.927	1.068

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14572.**	**150830.**	**15120.**	**7501.8**
Stddev	41.	1034.	35.	33.8
%RSD	.28407	.68556	.23373	.45089
#1	14596.	152020.	15145.	7526.4
#2	14597.	150320.	15135.	7515.7
#3	14524.	150140.	15079.	7463.2

Zoom In Zoom Out

Sample Name: je4570-10 Acquired: 1/27/2025 17:36:27 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 50.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0322**	**115.3**	**.0032**	**.3970**	**.1212**	**.0330**	**-.0222**
Stddev	.0135	1.2	.0599	.0415	.0441	.0026	.0436
%RSD	41.99	1.066	1855.	10.44	36.38	7.996	196.7
#1	-.0229	116.7	-.0587	.3527	.1631	.0307	-.0418
#2	-.0476	114.4	.0608	.4349	.0752	.0359	.0278
#3	-.0259	114.9	.0076	.4034	.1251	.0325	-.0526

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**88.95**	**.0008**	**1.496**	**.1419**	**.3714**	**.6861**	**104.6**
Stddev	.93	.0110	.181	.0118	.0063	.0365	.8
%RSD	1.046	1439.	12.08	8.283	1.688	5.325	.7536
#1	89.97	-.0119	1.698	.1377	.3742	.6734	105.3
#2	88.72	.0079	1.350	.1329	.3757	.6577	104.9
#3	88.15	.0063	1.441	.1552	.3642	.7273	103.8

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**126.0**	**-1.604**	**19.81**	**163.5**	**.0030**	F **13390.**	**.4206**
Stddev	3.8	.153	.58	1.7	.0095	66.	.0149
%RSD	3.008	9.505	2.935	1.051	311.3	.4915	3.553
#1	125.4	-1.579	20.45	161.6	.0128	13440.	.4048
#2	130.0	-1.466	19.65	164.2	.0024	13400.	.4223
#3	122.5	-1.768	19.32	164.8	-.0061	13310.	.4346

Elem	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.340**	**.1893**	F **17830.**	**.0533**	**-.0038**	**49.30**	**.0030**
Stddev	.053	.0292	258.	.0781	.1022	.88	.0261
%RSD	3.943	15.42	1.448	146.6	2696.	1.779	874.6
#1	1.296	.1670	17540.	.0515	.1130	48.30	.0329
#2	1.398	.2223	17990.	.1323	-.0477	49.65	-.0084
#3	1.324	.1785	17980.	-.0239	-.0768	49.95	-.0155

Zoom In Zoom Out

Sample Name: je4570-10 Acquired: 1/27/2025 17:36:27 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 50.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5290**	**.4066**	**.0227**	**.1284**	**.0492**	**1.832**	**1.057**
Stddev	.0064	.0244	.0422	.0074	.0554	.023	.027
%RSD	1.211	6.002	185.9	5.752	112.5	1.246	2.566
#1	.5320	.4348	-.0186	.1218	.0081	1.806	1.025
#2	.5333	.3925	.0210	.1364	.0273	1.845	1.072
#3	.5216	.3925	.0657	.1270	.1122	1.845	1.072

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14963.**	**155000.**	**15219.**	**7565.9**
Stddev	139.	2993.	41.	82.0
%RSD	.93185	1.9309	.26962	1.0836
#1	15124.	158030.	15244.	7660.5
#2	14894.	154930.	15172.	7522.3
#3	14872.	152050.	15242.	7515.0

Zoom In Zoom Out

Sample Name: je4585-4 Acquired: 1/27/2025 17:41:24 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0301**	**.0002**	**.0189**	**.0552**	**-.0000**	**.0008**	**3.812**
Stddev	.0008	.0142	.0009	.0019	.0008	.0001	.0025	.029
%RSD	155.6	46.95	565.2	10.28	1.451	502.2	311.2	.7744
#1	-.0013	.0225	.0012	.0177	.0561	-.0000	.0035	3.845
#2	-.0006	.0215	-.0004	.0179	.0548	-.0001	-.0014	3.800
#3	.0003	.0465	-.0003	.0212	.0546	.0001	.0004	3.790

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0056**	**.0004**	**-.0003**	**.0305**	**1.867**	**1.929**	**-.0141**
Stddev	.0002	.0030	.0001	.0004	.0005	.024	.075	.0000
%RSD	55.09	52.75	32.04	115.3	1.548	1.286	3.897	.1335
#1	-.0005	.0062	.0004	-.0007	.0305	1.894	1.998	-.0141
#2	-.0003	.0083	.0006	.0000	.0310	1.859	1.849	-.0141
#3	-.0001	.0024	.0003	-.0003	.0301	1.848	1.940	-.0142

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.142**	**.0274**	**-.0001**	**12.62**	**.0015**	**.0032**	**.0144**	**1.924**
Stddev	.029	.0000	.0003	.14	.0003	.0007	.0005	.003
%RSD	1.378	.1752	436.5	1.079	16.37	21.00	3.556	.1743
#1	2.160	.0275	.0002	12.78	.0017	.0037	.0138	1.924
#2	2.108	.0274	-.0004	12.58	.0017	.0034	.0148	1.920
#3	2.158	.0274	-.0001	12.51	.0012	.0024	.0146	1.927

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**-.0032**	**2.451**	**.0003**	**.0282**	**.0003**	**-.0001**	**.0003**
Stddev	.0012	.0025	.003	.0004	.0003	.0004	.0014	.0002
%RSD	230.1	80.41	.1109	150.5	1.027	133.5	1990.	58.87
#1	.0014	-.0039	2.448	.0005	.0285	-.0001	.0006	.0003
#2	-.0008	-.0003	2.453	-.0002	.0283	.0004	.0009	.0002
#3	.0010	-.0052	2.452	.0005	.0279	.0006	-.0017	.0006

Zoom In Zoom Out

Sample Name: je4585-4 Acquired: 1/27/2025 17:41:24 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0024**	**.0688**	F **-.0113**
Stddev	.0008	.0002	.0002
%RSD	34.98	.2928	1.677
#1	.0026	.0686	-.0114
#2	.0031	.0688	-.0111
#3	.0015	.0690	-.0115

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16116.**	**163160.**	**15124.**	**7805.4**
Stddev	13.	562.	123.	2.1
%RSD	.07773	.34456	.81086	.02711
#1	16128.	162510.	14984.	7807.3
#2	16103.	163450.	15174.	7803.1
#3	16117.	163520.	15213.	7805.6

Zoom In Zoom Out

Sample Name: mp52369-ps1 7 Acquired: 1/27/2025 17:46:11 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2164**	**50.80**	**1.714**	**1.716**	**2.135**	**1.748**	F **-.0297**	**53.03**
Stddev	.0020	.58	.007	.007	.019	.021	.0014	.54
%RSD	.9227	1.149	.4131	.3966	.8851	1.206	4.590	1.015
#1	.2144	51.46	1.722	1.724	2.157	1.772	-.0312	53.65
#2	.2165	50.55	1.711	1.711	2.126	1.736	-.0290	52.77
#3	.2184	50.38	1.709	1.714	2.122	1.736	-.0287	52.67

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.709**	**.7733**	**2.058**	**1.766**	**1.933**	**149.2**	**32.10**	**-.0006**
Stddev	.008	.0098	.009	.018	.017	1.6	.36	.0010
%RSD	.4571	1.268	.4529	.9991	.8601	1.067	1.124	186.7
#1	1.718	.7621	2.069	1.747	1.915	151.0	32.51	-.0017
#2	1.705	.7777	2.055	1.769	1.937	148.3	31.95	.0002
#3	1.704	.7802	2.051	1.782	1.947	148.1	31.84	-.0002

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**38.83**	**2.696**	**1.660**	**25.74**	**2.100**	F **13.23**	**2.126**	**.7955**
Stddev	.46	.020	.005	.55	.009	.06	.011	.0365
%RSD	1.191	.7307	.3053	2.128	.4453	.4435	.5012	4.583
#1	39.37	2.676	1.666	26.35	2.111	13.30	2.137	.8327
#2	38.60	2.715	1.656	25.59	2.096	13.20	2.122	.7939
#3	38.53	2.698	1.658	25.29	2.093	13.19	2.117	.7599

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.691**	**1.768**	**.8120**	**1.741**	**1.965**	**4.077**	**1.838**	**1.842**
Stddev	.007	.010	.0091	.009	.019	.037	.009	.018
%RSD	.4259	.5883	1.122	.5359	.9601	.9146	.4880	1.005
#1	1.699	1.779	.8225	1.752	1.987	4.038	1.848	1.823
#2	1.685	1.765	.8062	1.736	1.957	4.080	1.832	1.843
#3	1.689	1.759	.8074	1.736	1.952	4.113	1.834	1.860

Zoom In Zoom Out

Sample Name: mp52369-ps1 7 Acquired: 1/27/2025 17:46:11 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.499**	**2.059**	**1.784**
Stddev	.009	.010	.018
%RSD	.5733	.4943	1.019
#1	1.493	2.070	1.765
#2	1.495	2.053	1.785
#3	1.509	2.052	1.801

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15483.**	**181110.**	**17304.**	**8856.0**
Stddev	73.	1214.	156.	41.1
%RSD	.47288	.67022	.90132	.46400
#1	15399.	182370.	17133.	8809.9
#2	15532.	180990.	17343.	8888.7
#3	15519.	179950.	17438.	8869.5

Zoom In Zoom Out

Sample Name: je4561-1 Acquired: 1/27/2025 17:51:09 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**40.41**	**.1303**	**.0879**	**.9373**	**.0053**	**-.0353**	**65.64**	**.0001**
Stddev	.0018	.11	.0026	.0066	.0055	.0005	.0038	.15	.0011
%RSD	174.0	.2718	1.991	7.465	.5889	10.01	10.80	.2321	1098.
#1	.0027	40.53	.1314	.0881	.9391	.0058	-.0336	65.80	.0013
#2	.0012	40.39	.1321	.0943	.9417	.0047	-.0396	65.61	-.0008
#3	-.0008	40.31	.1273	.0812	.9311	.0053	-.0325	65.50	-.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1959**	**.0243**	**.0799**	**.6042**	**585.5**	**4.921**	**-.1356**	**14.20**	**1.409**
Stddev	.0192	.0013	.0008	.0036	1.7	.461	.0535	.09	.003
%RSD	9.795	5.501	1.031	.5938	.2890	9.357	39.47	.6280	.2256
#1	.1910	.0255	.0803	.6047	587.1	4.608	-.1914	14.19	1.405
#2	.2171	.0229	.0804	.6075	585.8	5.450	-.1305	14.29	1.411
#3	.1796	.0244	.0789	.6004	583.7	4.705	-.0848	14.12	1.411

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0495**	**2.046**	**.1016**	**1.970**	**.5573**	**9.506**	**.0121**	**.0157**	**1.613**
Stddev	.0023	.143	.0017	.004	.0030	.020	.0078	.0095	.013
%RSD	4.553	6.979	1.676	.2055	.5294	.2111	64.67	60.53	.7867
#1	.0518	2.100	.1035	1.968	.5606	9.487	.0209	.0239	1.599
#2	.0495	2.154	.1009	1.975	.5549	9.502	.0061	.0178	1.617
#3	.0473	1.884	.1003	1.968	.5564	9.527	.0093	.0053	1.624

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0251**	**.5629**	**1.387**	**-.0070**	**.1392**	**.1798**	**1.018**	**.0513**
Stddev	.0029	.0026	.004	.0062	.0031	.0161	.004	.0012
%RSD	11.38	.4609	.2612	88.20	2.255	8.958	.4111	2.341
#1	.0222	.5658	1.388	-.0003	.1424	.1948	1.014	.0526
#2	.0252	.5608	1.390	-.0082	.1389	.1816	1.018	.0509
#3	.0279	.5622	1.383	-.0125	.1361	.1628	1.022	.0504

Zoom In Zoom Out

Sample Name: je4561-1 Acquired: 1/27/2025 17:51:09 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16255.**	**165820.**	**15542.**	**7906.2**
Stddev	64.	309.	22.	44.0
%RSD	.39621	.18651	.14125	.55615
#1	16320.	166140.	15519.	7955.3
#2	16255.	165520.	15544.	7892.9
#3	16191.	165810.	15563.	7870.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 17:55:54 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2454**	**39.57**	**1.997**	**2.019**	**2.066**	**1.996**	**2.039**	**39.23**	**1.992**
Stddev	.0069	.05	.029	.026	.001	.003	.032	.03	.029
%RSD	2.825	.1159	1.464	1.278	.0607	.1430	1.557	.0649	1.467
#1	.2416	39.59	1.979	2.003	2.065	1.997	2.022	39.21	1.975
#2	.2534	39.61	1.981	2.004	2.067	1.999	2.020	39.26	1.975
#3	.2412	39.52	2.030	2.048	2.065	1.993	2.076	39.22	2.025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.027**	**2.059**	**1.949**	**2.038**	**39.29**	**40.61**	**2.030**	**39.39**	**1.994**
Stddev	.059	.023	.059	.060	.04	.06	.001	.06	.018
%RSD	2.928	1.120	3.051	2.931	.1067	.1427	.0658	.1606	.9114
#1	1.990	2.045	1.914	1.999	39.28	40.54	2.030	39.47	1.990
#2	2.095	2.048	2.018	2.107	39.34	40.63	2.032	39.35	2.014
#3	1.996	2.086	1.916	2.008	39.26	40.65	2.029	39.37	1.979
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.996**	**40.55**	**2.070**	**1.988**	**2.062**	**2.042**	**1.995**	**2.026**	**5.196**
Stddev	.029	.04	.021	.024	.022	.028	.031	.026	.075
%RSD	1.426	.1074	1.018	1.202	1.071	1.391	1.575	1.286	1.449
#1	1.981	40.52	2.058	1.974	2.047	2.028	1.978	2.012	5.156
#2	1.978	40.60	2.059	1.974	2.052	2.023	1.976	2.009	5.148
#3	2.029	40.53	2.095	2.015	2.087	2.075	2.032	2.056	5.282
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 17:55:54 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.024**	**2.090**	**2.030**	**2.122**	**1.991**	**1.997**	**2.023**	**2.040**
Stddev	.031	.002	.064	.019	.060	.028	.029	.062
%RSD	1.515	.0939	3.130	.9087	3.007	1.388	1.409	3.041
#1	2.008	2.091	1.991	2.108	1.955	1.981	2.007	2.002
#2	2.005	2.092	2.103	2.114	2.060	1.980	2.007	2.112
#3	2.060	2.088	1.996	2.144	1.959	2.029	2.056	2.006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15112.**	**155870.**	**15018.**	**7567.0**
Stddev	127.	4231.	25.	90.0
%RSD	.84153	2.7146	.16479	1.1897
#1	15176.	158520.	15045.	7606.2
#2	15195.	150990.	15014.	7630.7
#3	14966.	158100.	14996.	7464.0

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 18:00:46 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**-.0120**	**-.0003**	**.0043**	**.0005**	**-.0000**	**.0008**	**.0080**	**.0001**
Stddev	.0005	.0297	.0005	.0004	.0002	.0000	.0026	.0012	.0003
%RSD	46.39	247.8	160.7	9.980	42.34	99.86	311.2	14.52	347.2
#1	-.0009	-.0461	-.0009	.0039	.0003	-.0001	-.0018	.0083	-.0002
#2	-.0016	.0017	-.0000	.0043	.0006	-.0000	.0033	.0089	.0003
#3	-.0006	.0085	-.0000	.0048	.0007	-.0000	.0009	.0067	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0081**	**-.0000**	**-.0003**	**-.0010**	**.0109**	**.0669**	**-.0230**	**-.0064**	**.0001**
Stddev	.0026	.0002	.0002	.0005	.0008	.0386	.0012	.0115	.0000
%RSD	32.58	495.1	56.95	51.07	7.458	57.75	5.377	181.3	14.32
#1	-.0061	.0001	-.0001	-.0005	.0111	.0257	-.0237	-.0124	.0001
#2	-.0111	-.0000	-.0004	-.0009	.0116	.1024	-.0236	-.0136	.0001
#3	-.0071	-.0002	-.0005	-.0015	.0100	.0725	-.0215	.0069	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**.2197**	**-.0002**	**.0006**	**.0000**	**.0043**	**-.0006**	**.0018**	**.0055**
Stddev	.0002	.0156	.0002	.0012	.0016	.0010	.0021	.0025	.0010
%RSD	10.97	7.089	92.93	198.8	5111.	23.63	341.3	138.8	18.23
#1	.0025	.2247	-.0002	-.0006	-.0005	.0054	-.0030	-.0001	.0064
#2	.0020	.2023	-.0003	.0006	.0019	.0034	.0008	.0047	.0044
#3	.0022	.2322	.0000	.0018	-.0013	.0041	.0004	.0009	.0058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 18:00:46 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0003**	**.0010**	**.0003**	**.0007**	**.0112**	**-.0002**	**.0001**
Stddev	.0008	.0001	.0004	.0006	.0005	.0003	.0001	.0001
%RSD	155.2	32.30	44.92	214.4	81.19	2.493	80.40	175.9
#1	.0009	.0005	.0014	.0008	.0010	.0113	-.0001	-.0001
#2	-.0004	.0003	.0005	-.0004	.0000	.0115	-.0001	.0001
#3	.0011	.0003	.0011	.0004	.0009	.0109	-.0003	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16357.**	**165220.**	**15265.**	**7949.8**
Stddev	89.	3536.	481.	41.6
%RSD	.54548	2.1405	3.1533	.52287
#1	16460.	165420.	15131.	7997.7
#2	16305.	168650.	15799.	7922.7
#3	16306.	161590.	14864.	7929.1

Zoom In Zoom Out

Sample Name: je4563-1 Acquired: 1/27/2025 18:05:37 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0098**	**183.4**	**.0277**	**.2655**	**.9743**	**.0004**	**-.0129**	**73.73**
Stddev	.0006	.4	.0025	.0052	.0027	.0001	.0027	.06
%RSD	5.861	.2310	9.124	1.957	.2816	31.30	20.61	.0774
#1	.0095	183.9	.0303	.2681	.9712	.0003	-.0116	73.78
#2	.0093	183.1	.0253	.2595	.9756	.0005	-.0112	73.67
#3	.0104	183.2	.0276	.2689	.9761	.0004	-.0160	73.73

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0968**	**.0673**	**.0213**	**.4952**	**9.015**	F **442.4**	**2.866**	F **-.1130**
Stddev	.0020	.0081	.0007	.0037	.071	.2	.110	.0011
%RSD	2.091	11.99	3.445	.7519	.7874	.0516	3.831	.9798
#1	.0973	.0763	.0212	.4980	9.062	442.3	2.769	-.1125
#2	.0945	.0649	.0206	.4967	9.050	442.3	2.843	-.1143
#3	.0984	.0607	.0220	.4910	8.933	442.7	2.985	-.1122

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**31.41**	**2.014**	**.0493**	**3.010**	**.1526**	**5.362**	**.6161**	**8.004**
Stddev	.03	.017	.0015	.043	.0033	.097	.0096	.160
%RSD	.0804	.8426	3.003	1.417	2.142	1.808	1.559	2.000
#1	31.42	2.025	.0505	3.034	.1539	5.404	.6217	8.082
#2	31.43	2.021	.0476	2.960	.1489	5.251	.6050	7.820
#3	31.38	1.994	.0498	3.034	.1551	5.431	.6216	8.111

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0503**	**.0045**	**1.736**	**.1557**	**.1878**	**.7339**	**-.0086**	**.0710**
Stddev	.0026	.0021	.041	.0030	.0002	.0060	.0007	.0010
%RSD	5.071	46.12	2.334	1.900	.0917	.8239	7.661	1.473
#1	.0524	.0049	1.763	.1551	.1878	.7375	-.0079	.0721
#2	.0475	.0023	1.689	.1530	.1879	.7373	-.0090	.0707
#3	.0512	.0064	1.755	.1589	.1876	.7269	-.0090	.0701

Zoom In Zoom Out

Sample Name: je4563-1 Acquired: 1/27/2025 18:05:37 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.1063**	F **28.20**	**.0288**
Stddev	.0009	.54	.0003
%RSD	.8746	1.902	.8919
#1	.1054	28.45	.0290
#2	.1062	27.59	.0285
#3	.1073	28.57	.0288

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15807.**	**163870.**	**15313.**	**7874.8**
Stddev	177.	1141.	66.	111.5
%RSD	1.1172	.69622	.42947	1.4158
#1	15748.	162980.	15351.	7824.9
#2	16006.	163480.	15237.	8002.6
#3	15668.	165160.	15350.	7797.0

Zoom In Zoom Out

Sample Name: je4563-1 Acquired: 1/27/2025 18:10:18 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0108**	**187.7**	**.0237**	**.2760**	**.9914**	**.0009**	**-.0260**	**75.63**	**.0970**
Stddev	.0002	2.4	.0047	.0093	.0137	.0003	.0073	.98	.0027
%RSD	1.477	1.296	19.66	3.359	1.380	34.75	28.16	1.295	2.788
#1	.0109	190.5	.0186	.2695	1.007	.0012	-.0335	76.74	.0975
#2	.0106	186.4	.0278	.2867	.9847	.0006	-.0189	75.25	.0994
#3	.0108	186.1	.0247	.2720	.9823	.0009	-.0256	74.90	.0941

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0412**	**.0201**	**.5030**	**9.130**	**458.8**	**2.850**	**-.2131**	**32.55**	**2.050**
Stddev	.0264	.0014	.0113	.210	5.8	.317	.0130	.27	.049
%RSD	64.06	6.795	2.247	2.296	1.272	11.14	6.080	.8188	2.394
#1	.0565	.0214	.4916	8.914	465.5	3.018	-.2204	32.84	1.999
#2	.0107	.0204	.5142	9.332	456.2	3.047	-.1982	32.32	2.097
#3	.0564	.0187	.5032	9.145	454.7	2.484	-.2208	32.47	2.055

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0487**	**3.526**	**.1554**	**5.352**	**.6315**	**7.965**	**.0430**	**-.0032**	**1.731**
Stddev	.0007	.180	.0026	.123	.0132	.191	.0164	.0068	.050
%RSD	1.513	5.118	1.664	2.301	2.086	2.399	38.05	212.0	2.888
#1	.0493	3.725	.1575	5.358	.6314	8.004	.0461	.0043	1.742
#2	.0478	3.374	.1563	5.472	.6448	8.134	.0577	-.0051	1.775
#3	.0489	3.477	.1525	5.226	.6184	7.757	.0254	-.0088	1.677

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1545**	**.1942**	**.7446**	**-.0065**	**.0732**	**.1148**	**28.87**	**.0283**
Stddev	.0017	.0018	.0184	.0028	.0016	.0058	.67	.0013
%RSD	1.086	.9072	2.474	44.08	2.211	5.066	2.319	4.565
#1	.1544	.1959	.7243	-.0097	.0715	.1123	28.91	.0292
#2	.1562	.1943	.7604	-.0052	.0747	.1215	29.52	.0268
#3	.1529	.1924	.7490	-.0044	.0735	.1107	28.18	.0290

Zoom In Zoom Out

Sample Name: je4563-1 Acquired: 1/27/2025 18:10:18 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15889.**	**165320.**	**15158.**	**7941.7**
Stddev	194.	3324.	182.	127.3
%RSD	1.2219	2.0103	1.2022	1.6034
#1	15931.	168880.	14949.	7957.8
#2	15678.	162300.	15246.	7807.1
#3	16060.	164800.	15280.	8060.2

Zoom In Zoom Out

Sample Name: je4563-2 Acquired: 1/27/2025 18:14:58 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0053**	**137.3**	**.0018**	**11.41**	**.0869**	**-.0000**	**-.0056**	**307.6**	**-.0021**
Stddev	.0004	.1	.0050	.15	.0005	.0001	.0056	.1	.0004
%RSD	7.514	.0690	280.9	1.307	.6321	356.9	99.36	.0250	16.37
#1	.0053	137.2	-.0039	11.58	.0872	.0001	-.0066	307.6	-.0017
#2	.0057	137.4	.0035	11.34	.0863	-.0002	.0004	307.6	-.0023
#3	.0049	137.4	.0057	11.31	.0873	-.0001	-.0107	307.7	-.0024

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1498**	**.1686**	**.1969**	**7.645**	**266.1**	**1.077**	**.0779**	**181.6**	**3.935**
Stddev	.0047	.0015	.0046	.165	.2	.055	.0084	.1	.050
%RSD	3.120	.8653	2.316	2.160	.0656	5.132	10.79	.0778	1.261
#1	.1549	.1703	.1949	7.564	266.2	1.018	.0730	181.5	3.915
#2	.1488	.1680	.2022	7.835	265.9	1.086	.0731	181.7	3.992
#3	.1457	.1676	.1938	7.536	266.1	1.127	.0876	181.5	3.899

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**6.881**	**.3073**	**2.093**	**.0273**	**1.738**	**.0091**	**-.0050**	**1.189**
Stddev	.0004	.047	.0039	.021	.0004	.023	.0026	.0013	.016
%RSD	45.28	.6775	1.285	.9982	1.556	1.303	27.98	26.40	1.345
#1	.0006	6.906	.3119	2.114	.0268	1.764	.0073	-.0065	1.206
#2	.0006	6.827	.3049	2.094	.0275	1.722	.0121	-.0039	1.188
#3	.0012	6.910	.3052	2.072	.0276	1.729	.0080	-.0047	1.174

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0137**	**.2750**	**9.809**	**-.0013**	**.4402**	**.0224**	**.5949**	**.0950**
Stddev	.0027	.0005	.178	.0013	.0086	.0020	.0077	.0014
%RSD	19.46	.1660	1.818	99.97	1.960	8.849	1.298	1.440
#1	.0151	.2754	9.724	-.0015	.4351	.0216	.6037	.0942
#2	.0155	.2745	10.01	.0001	.4502	.0246	.5917	.0966
#3	.0107	.2751	9.689	-.0024	.4354	.0209	.5894	.0943

Zoom In Zoom Out

Sample Name: je4563-2 Acquired: 1/27/2025 18:14:58 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14909.**	**159010.**	**15019.**	**7670.5**
Stddev	91.	2615.	48.	61.5
%RSD	.61310	1.6446	.31815	.80235
#1	14805.	160550.	15073.	7601.3
#2	14946.	155990.	14981.	7690.9
#3	14976.	160480.	15004.	7719.2

Zoom In Zoom Out

Sample Name: je4586-1 Acquired: 1/27/2025 18:19:48 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: mp52373

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0561**	**.0042**	**.0411**	**.0263**	**.0000**	**.0053**	**19.97**
Stddev	.0005	.0018	.0019	.0009	.0006	.0001	.0013	.02
%RSD	59.08	3.287	45.45	2.260	2.272	661.4	24.53	.0894
#1	.0004	.0566	.0050	.0421	.0258	-.0000	.0066	19.95
#2	.0014	.0577	.0020	.0407	.0270	.0001	.0053	19.99
#3	.0007	.0541	.0056	.0404	.0261	-.0000	.0040	19.96

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0057**	**-.0015**	**.0002**	**-.0004**	**6.399**	**1.849**	**-.0307**
Stddev	.0004	.0040	.0003	.0003	.0006	.008	.110	.0031
%RSD	99.03	70.36	18.72	156.9	175.3	.1289	5.943	10.08
#1	-.0006	.0086	-.0017	.0003	-.0001	6.390	1.830	-.0331
#2	-.0007	.0074	-.0017	.0005	.0001	6.404	1.749	-.0319
#3	.0001	.0011	-.0012	-.0002	-.0011	6.405	1.967	-.0272

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.627**	**.1342**	**.0008**	**88.85**	**-.0005**	**.0699**	**.0001**	**28.66**
Stddev	.024	.0006	.0003	.03	.0006	.0009	.0006	.05
%RSD	.6498	.4167	33.62	.0373	101.7	1.236	628.6	.1639
#1	3.650	.1345	.0008	88.81	-.0001	.0689	.0006	28.70
#2	3.603	.1345	.0010	88.87	-.0004	.0705	.0003	28.68
#3	3.629	.1335	.0005	88.87	-.0012	.0703	-.0006	28.61

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0031**	**-.0044**	**6.392**	**-.0003**	**.1165**	**.0008**	**-.0005**	**.0008**
Stddev	.0009	.0009	.011	.0009	.0005	.0006	.0011	.0003
%RSD	29.21	19.30	.1743	325.2	.4105	72.97	246.0	38.52
#1	.0021	-.0047	6.379	-.0009	.1162	.0010	.0003	.0005
#2	.0033	-.0051	6.399	.0007	.1170	.0012	.0001	.0012
#3	.0040	-.0035	6.397	-.0006	.1162	.0001	-.0018	.0008

Zoom In Zoom Out

Sample Name: je4586-1 Acquired: 1/27/2025 18:19:48 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: mp52373

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0044**	**.0058**	F **-.0314**
Stddev	.0010	.0001	.0002
%RSD	22.00	1.756	.5367
#1	.0052	.0057	-.0313
#2	.0033	.0059	-.0316
#3	.0045	.0058	-.0314

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15287.**	**162180.**	**14966.**	**7777.5**
Stddev	16.	166.	53.	6.3
%RSD	.10767	.10253	.35506	.08073
#1	15273.	162170.	15022.	7784.7
#2	15305.	162030.	14916.	7773.7
#3	15283.	162360.	14959.	7774.0

Zoom In Zoom Out

Sample Name: je4586-2 Acquired: 1/27/2025 18:24:34 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0570**	**.0041**	**.0371**	**.0273**	**.0001**	**.0001**	**19.96**
Stddev	.0002	.0072	.0003	.0007	.0011	.0001	.0011	.05
%RSD	26.78	12.72	7.454	2.016	3.887	120.2	1273.	.2535
#1	.0011	.0549	.0037	.0374	.0263	.0001	-.0009	19.91
#2	.0010	.0650	.0043	.0376	.0284	-.0000	.0000	19.98
#3	.0006	.0510	.0042	.0362	.0273	.0002	.0012	20.00

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0136**	**-.0020**	**-.0002**	**-.0003**	**6.394**	**1.936**	**-.0264**
Stddev	.0001	.0017	.0004	.0003	.0013	.017	.049	.0029
%RSD	48.25	12.66	17.84	144.8	449.3	.2703	2.539	10.95
#1	-.0001	.0144	-.0017	-.0004	.0011	6.375	1.883	-.0283
#2	-.0004	.0147	-.0024	-.0004	-.0014	6.400	1.980	-.0277
#3	-.0004	.0116	-.0020	.0001	-.0005	6.408	1.944	-.0230

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.626**	**.1341**	**.0008**	**88.73**	**-.0007**	**.0695**	**-.0013**	**28.70**
Stddev	.027	.0003	.0000	.30	.0001	.0011	.0008	.25
%RSD	.7455	.2376	6.003	.3327	20.95	1.535	64.24	.8846
#1	3.606	.1344	.0008	88.41	-.0006	.0686	-.0017	28.50
#2	3.616	.1338	.0007	88.79	-.0008	.0707	-.0018	28.99
#3	3.657	.1341	.0008	89.00	-.0007	.0692	-.0003	28.61

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034**	**-.0079**	**6.468**	**-.0005**	**.1165**	**.0006**	**-.0019**	**.0007**
Stddev	.0008	.0029	.063	.0005	.0004	.0004	.0004	.0002
%RSD	24.07	37.09	.9695	92.03	.3444	60.82	19.84	25.97
#1	.0040	-.0080	6.418	.0000	.1161	.0005	-.0016	.0007
#2	.0037	-.0109	6.538	-.0009	.1168	.0010	-.0017	.0010
#3	.0025	-.0050	6.446	-.0007	.1168	.0003	-.0023	.0006

Zoom In Zoom Out

Sample Name: je4586-2 Acquired: 1/27/2025 18:24:34 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0058**	**.0058**	F **-.0321**
Stddev	.0009	.0002	.0003
%RSD	15.32	3.182	1.007
#1	.0048	.0057	-.0317
#2	.0065	.0059	-.0323
#3	.0061	.0056	-.0322

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15250.**	**162460.**	**14966.**	**7762.7**
Stddev	105.	242.	89.	66.2
%RSD	.68734	.14871	.59305	.85284
#1	15340.	162220.	15043.	7813.1
#2	15135.	162460.	14985.	7687.7
#3	15275.	162700.	14869.	7787.2

Zoom In Zoom Out

Sample Name: je4586-3 Acquired: 1/27/2025 18:29:19 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**.0731**	**.0045**	**.0344**	**.0334**	**.0001**	**.0020**	**19.52**
Stddev	.0003	.0123	.0008	.0005	.0003	.0001	.0012	.04
%RSD	23.35	16.77	18.99	1.520	1.027	97.93	60.99	.2086
#1	.0015	.0862	.0047	.0340	.0337	.0002	.0010	19.57
#2	.0016	.0713	.0035	.0342	.0330	.0000	.0016	19.50
#3	.0010	.0619	.0051	.0350	.0335	.0000	.0033	19.50

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0126**	**-.0018**	**-.0001**	**.0002**	**8.286**	**1.892**	**-.0311**
Stddev	.0002	.0068	.0004	.0001	.0004	.021	.045	.0021
%RSD	31.75	54.24	22.37	100.1	216.1	.2563	2.397	6.828
#1	-.0006	.0085	-.0014	-.0001	.0007	8.310	1.883	-.0333
#2	-.0006	.0204	-.0018	-.0001	-.0001	8.277	1.852	-.0291
#3	-.0003	.0087	-.0022	.0000	.0000	8.271	1.941	-.0308

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.512**	**.1996**	**.0008**	**86.12**	**-.0004**	**.0797**	**.0001**	**27.93**
Stddev	.023	.0006	.0003	.14	.0001	.0017	.0008	.12
%RSD	.6629	.3243	31.55	.1608	11.63	2.093	924.5	.4386
#1	3.497	.2003	.0011	86.28	-.0005	.0778	.0011	27.78
#2	3.501	.1994	.0007	86.03	-.0004	.0803	-.0004	27.99
#3	3.539	.1990	.0006	86.05	-.0004	.0810	-.0004	28.01

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0035**	**-.0063**	**6.645**	**-.0009**	**.1128**	**.0000**	**-.0007**	**.0007**
Stddev	.0021	.0014	.029	.0005	.0002	.0003	.0009	.0001
%RSD	61.45	23.04	.4421	61.10	.2159	695.0	122.6	9.447
#1	.0056	-.0070	6.611	-.0014	.1131	-.0003	-.0002	.0006
#2	.0014	-.0072	6.661	-.0009	.1127	.0001	-.0018	.0008
#3	.0034	-.0046	6.663	-.0003	.1127	.0002	-.0003	.0008

Zoom In Zoom Out

Sample Name: je4586-3 Acquired: 1/27/2025 18:29:19 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0032**	**.0069**	F **-.0331**
Stddev	.0007	.0002	.0005
%RSD	22.32	2.170	1.543
#1	.0036	.0071	-.0326
#2	.0037	.0068	-.0336
#3	.0024	.0069	-.0333

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15406.**	**163840.**	**15167.**	**7826.8**
Stddev	14.	333.	45.	5.4
%RSD	.09330	.20331	.29637	.06948
#1	15421.	163520.	15134.	7831.1
#2	15392.	163800.	15218.	7820.7
#3	15406.	164180.	15149.	7828.6

Zoom In Zoom Out

Sample Name: je4586-4 Acquired: 1/27/2025 18:34:03 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**.0267**	**.0046**	**.0329**	**.0274**	**.0001**	**.0012**	**20.27**
Stddev	.0005	.0120	.0024	.0003	.0006	.0002	.0011	.02
%RSD	45.70	44.92	51.96	.9524	2.282	310.3	91.64	.1095
#1	.0009	.0314	.0043	.0330	.0268	.0002	.0016	20.24
#2	.0016	.0131	.0024	.0325	.0281	-.0001	-.0000	20.27
#3	.0006	.0356	.0071	.0331	.0274	.0001	.0021	20.29

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0049**	**-.0017**	**-.0002**	**.0003**	**5.768**	**1.874**	**-.0302**
Stddev	.0003	.0025	.0003	.0003	.0004	.015	.010	.0060
%RSD	84.65	50.40	17.27	142.2	147.0	.2672	.5384	19.75
#1	-.0006	.0077	-.0014	-.0003	.0005	5.751	1.870	-.0348
#2	-.0000	.0036	-.0020	.0001	-.0002	5.771	1.886	-.0324
#3	-.0004	.0033	-.0016	-.0003	.0006	5.782	1.867	-.0235

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.606**	**.1871**	**.0008**	**89.97**	**-.0004**	**.0608**	**.0004**	**28.94**
Stddev	.013	.0006	.0001	.11	.0002	.0011	.0013	.03
%RSD	.3571	.3035	11.15	.1266	51.11	1.747	313.2	.0964
#1	3.592	.1876	.0009	89.88	-.0006	.0609	-.0002	28.93
#2	3.609	.1871	.0007	89.92	-.0002	.0618	.0019	28.92
#3	3.617	.1865	.0008	90.10	-.0004	.0596	-.0005	28.98

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034**	**-.0060**	**6.443**	**-.0005**	**.1158**	**.0002**	**-.0007**	**.0010**
Stddev	.0015	.0038	.001	.0004	.0004	.0001	.0010	.0001
%RSD	43.85	64.43	.0086	77.05	.3719	35.71	140.2	7.104
#1	.0033	-.0023	6.443	-.0001	.1162	.0003	.0000	.0010
#2	.0020	-.0056	6.443	-.0008	.1159	.0001	-.0003	.0010
#3	.0049	-.0100	6.444	-.0006	.1153	.0002	-.0018	.0011

Zoom In Zoom Out

Sample Name: je4586-4 Acquired: 1/27/2025 18:34:03 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0049**	**.0085**	F **-.0320**
Stddev	.0007	.0002	.0002
%RSD	14.25	1.862	.4803
#1	.0055	.0086	-.0318
#2	.0041	.0086	-.0320
#3	.0052	.0083	-.0321

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15509.**	**163220.**	**15106.**	**7918.7**
Stddev	32.	446.	47.	16.6
%RSD	.20846	.27346	.31138	.21012
#1	15490.	162770.	15094.	7912.6
#2	15546.	163250.	15158.	7937.6
#3	15491.	163660.	15067.	7906.0

Zoom In Zoom Out

Sample Name: je4586-5 Acquired: 1/27/2025 18:38:46 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**.0396**	**.0032**	**.0277**	**.0262**	**.0001**	**.0024**	**18.42**
Stddev	.0006	.0175	.0015	.0013	.0001	.0000	.0016	.05
%RSD	61.06	44.26	45.67	4.565	.4513	38.67	65.38	.2869
#1	.0013	.0597	.0042	.0276	.0262	.0001	.0041	18.48
#2	.0003	.0302	.0015	.0290	.0263	.0000	.0010	18.40
#3	.0015	.0287	.0039	.0265	.0261	.0000	.0021	18.38

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0067**	**-.0016**	**.0000**	**.0026**	**5.879**	**1.645**	**-.0296**
Stddev	.0001	.0043	.0002	.0001	.0006	.015	.070	.0044
%RSD	18.58	63.77	14.38	388.1	21.12	.2623	4.284	14.82
#1	-.0005	.0100	-.0017	-.0000	.0023	5.897	1.570	-.0295
#2	-.0005	.0082	-.0013	.0001	.0032	5.872	1.710	-.0340
#3	-.0004	.0019	-.0017	-.0000	.0023	5.869	1.656	-.0252

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.306**	**.1748**	**.0004**	**48.73**	**-.0003**	**.0566**	**.0002**	**26.34**
Stddev	.026	.0013	.0003	.11	.0002	.0006	.0013	.22
%RSD	.7855	.7294	63.61	.2340	66.81	.9871	550.2	.8473
#1	3.334	.1736	.0003	48.86	-.0004	.0560	.0014	26.54
#2	3.301	.1761	.0002	48.68	-.0004	.0568	-.0011	26.40
#3	3.283	.1748	.0007	48.65	-.0001	.0571	.0004	26.10

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0043**	**-.0065**	**5.856**	**-.0005**	**.1044**	**.0006**	**-.0024**	**.0007**
Stddev	.0009	.0020	.055	.0005	.0004	.0001	.0017	.0001
%RSD	20.96	30.15	.9439	85.86	.4006	19.31	73.51	18.33
#1	.0054	-.0055	5.903	-.0006	.1048	.0008	-.0004	.0009
#2	.0040	-.0052	5.870	-.0000	.1040	.0005	-.0033	.0006
#3	.0037	-.0087	5.795	-.0010	.1044	.0006	-.0034	.0007

Zoom In Zoom Out

Sample Name: je4586-5 Acquired: 1/27/2025 18:38:46 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0036**	**.0173**	F **-.0292**
Stddev	.0004	.0001	.0001
%RSD	10.88	.8319	.1774
#1	.0040	.0174	-.0293
#2	.0032	.0174	-.0293
#3	.0037	.0171	-.0292

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15571.**	**164770.**	**15076.**	**7926.8**
Stddev	91.	596.	31.	56.0
%RSD	.58351	.36152	.20868	.70680
#1	15501.	165120.	15082.	7876.8
#2	15538.	164080.	15042.	7916.1
#3	15673.	165100.	15104.	7987.4

Zoom In Zoom Out

Sample Name: je4586-2f Acquired: 1/27/2025 18:43:31 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**.0210**	**.0013**	**.0323**	**.0108**	**-.0000**	**-.0004**	**19.16**
Stddev	.0006	.0205	.0015	.0007	.0010	.0001	.0015	.69
%RSD	42.47	97.73	112.5	2.288	9.354	223.2	363.8	3.602
#1	.0007	.0131	.0014	.0316	.0104	-.0000	-.0004	18.38
#2	.0018	.0442	.0028	.0321	.0120	.0000	.0011	19.70
#3	.0016	.0056	-.0002	.0331	.0101	-.0001	-.0019	19.39

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0024**	**-.0025**	**-.0002**	**.0003**	**.1398**	**1.893**	**-.0265**
Stddev	.0003	.0058	.0003	.0003	.0005	.0052	.106	.0029
%RSD	110.3	243.7	10.03	207.1	185.0	3.716	5.580	11.04
#1	-.0000	.0030	-.0024	-.0002	.0008	.1371	1.771	-.0249
#2	-.0006	-.0037	-.0024	.0002	.0002	.1458	1.963	-.0246
#3	-.0002	.0079	-.0028	-.0004	-.0002	.1365	1.945	-.0298

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.441**	**.0044**	**.0009**	**87.21**	**-.0003**	**.0143**	**-.0004**	**28.57**
Stddev	.154	.0001	.0004	3.02	.0003	.0004	.0011	.05
%RSD	4.466	1.367	43.43	3.466	112.9	2.614	282.4	.1707
#1	3.272	.0044	.0012	83.79	-.0000	.0139	.0005	28.52
#2	3.572	.0045	.0005	89.51	-.0002	.0146	-.0000	28.57
#3	3.480	.0044	.0010	88.34	-.0006	.0143	-.0016	28.62

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0041**	**-.0053**	**5.111**	**-.0006**	**.1084**	**.0005**	**-.0018**	**.0007**
Stddev	.0002	.0018	.005	.0002	.0038	.0000	.0011	.0001
%RSD	5.317	34.03	.1022	44.38	3.532	8.301	59.57	9.638
#1	.0040	-.0069	5.105	-.0007	.1040	.0005	-.0006	.0007
#2	.0040	-.0057	5.114	-.0003	.1112	.0005	-.0024	.0008
#3	.0044	-.0033	5.113	-.0007	.1100	.0006	-.0024	.0007

Zoom In Zoom Out

Sample Name: je4586-2f Acquired: 1/27/2025 18:43:31 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0041**	**.0020**	F **-.0255**
Stddev	.0006	.0001	.0001
%RSD	13.53	3.528	.3150
#1	.0047	.0019	-.0254
#2	.0041	.0021	-.0254
#3	.0036	.0021	-.0256

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15290.**	**162560.**	**15019.**	**7814.5**
Stddev	6.	630.	426.	4.1
%RSD	.03924	.38736	2.8354	.05299
#1	15293.	161870.	15499.	7809.7
#2	15294.	162680.	14685.	7816.2
#3	15283.	163120.	14874.	7817.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 18:48:17 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2363**	**39.80**	**1.956**	**1.988**	**2.064**	**1.995**	**2.024**	**39.40**	**1.980**
Stddev	.0062	.02	.023	.028	.003	.002	.025	.05	.025
%RSD	2.611	.0504	1.184	1.421	.1616	.1065	1.244	.1191	1.289
#1	.2389	39.78	1.929	1.956	2.061	1.993	1.995	39.35	1.951
#2	.2293	39.82	1.973	2.010	2.062	1.996	2.042	39.42	2.001
#3	.2408	39.79	1.965	1.996	2.067	1.997	2.035	39.44	1.988
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.985**	**2.083**	**1.850**	**2.111**	**39.59**	**41.49**	**2.080**	**39.65**	**1.994**
Stddev	.056	.023	.048	.053	.05	.05	.002	.08	.052
%RSD	2.820	1.091	2.602	2.536	.1365	.1137	.1160	.2037	2.633
#1	2.002	2.058	1.866	2.132	39.54	41.52	2.079	39.65	1.987
#2	1.922	2.101	1.796	2.050	39.59	41.44	2.083	39.57	1.946
#3	2.029	2.091	1.887	2.151	39.65	41.53	2.079	39.73	2.050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.931**	**40.18**	**2.072**	**1.996**	**2.085**	**2.046**	**1.986**	**1.982**	**5.140**
Stddev	.027	.04	.022	.024	.021	.029	.026	.027	.069
%RSD	1.407	.1108	1.068	1.218	.9923	1.417	1.325	1.384	1.343
#1	1.900	40.12	2.048	1.968	2.061	2.012	1.956	1.952	5.061
#2	1.952	40.20	2.091	2.014	2.100	2.064	2.006	2.005	5.192
#3	1.940	40.20	2.078	2.005	2.093	2.061	1.996	1.990	5.166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 18:48:17 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.015**	**2.162**	**1.978**	**2.109**	**1.906**	**1.948**	**2.019**	**1.955**
Stddev	.027	.002	.048	.025	.047	.026	.026	.050
%RSD	1.331	.0909	2.440	1.177	2.468	1.349	1.285	2.531
#1	1.985	2.160	1.995	2.083	1.923	1.918	1.990	1.972
#2	2.037	2.163	1.923	2.133	1.853	1.968	2.039	1.899
#3	2.024	2.164	2.015	2.111	1.943	1.957	2.028	1.993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14967.**	**162760.**	**14826.**	**7782.6**
Stddev	128.	3240.	33.	84.9
%RSD	.85769	1.9905	.22524	1.0908
#1	15112.	161770.	14842.	7879.7
#2	14871.	166380.	14788.	7722.3
#3	14916.	160130.	14849.	7745.8

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 18:53:08 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**.0128**	**.0001**	**.0045**	**-.0018**	**.0002**	**.0023**	**.0119**	**-.0000**
Stddev	.0004	.0147	.0013	.0010	.0007	.0001	.0013	.0045	.0003
%RSD	36.71	115.4	1067.	22.83	36.59	48.64	55.05	38.30	32780.
#1	.0014	.0238	-.0014	.0057	-.0025	.0003	.0034	.0102	.0003
#2	.0007	-.0040	.0009	.0039	-.0012	.0002	.0009	.0170	-.0003
#3	.0008	.0184	.0008	.0039	-.0017	.0001	.0026	.0084	-.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**.0001**	**-.0004**	**.0005**	**.0060**	**-.1280**	**-.0276**	**-.0177**	**.0001**
Stddev	.0009	.0004	.0002	.0017	.0034	.1210	.0011	.0126	.0000
%RSD	64.13	558.7	36.17	366.0	56.96	94.54	3.898	71.61	91.80
#1	.0021	.0005	-.0006	-.0009	.0075	-.2282	-.0284	-.0031	.0001
#2	.0004	.0001	-.0004	-.0001	.0021	.0064	-.0280	-.0249	.0001
#3	.0016	-.0004	-.0003	.0024	.0084	-.1621	-.0264	-.0250	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**.1952**	**-.0002**	**.0017**	**.0006**	**.0017**	**.0003**	**-.0013**	**.0124**
Stddev	.0000	.0173	.0002	.0007	.0003	.0020	.0033	.0004	.0013
%RSD	2.932	8.862	108.7	42.38	42.93	118.9	1009.	28.09	10.84
#1	.0011	.1839	-.0001	.0016	.0004	.0039	.0039	-.0009	.0128
#2	.0010	.2151	-.0004	.0011	.0005	.0006	-.0027	-.0016	.0135
#3	.0010	.1866	-.0000	.0025	.0009	.0004	-.0002	-.0015	.0109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 18:53:08 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0002**	**.0007**	**-.0000**	**.0009**	**.0036**	**-.0001**	**.0000**
Stddev	.0006	.0002	.0005	.0012	.0001	.0004	.0001	.0002
%RSD	130.9	77.27	67.61	13660.	15.04	11.49	86.84	608.9
#1	.0004	.0004	.0010	.0009	.0008	.0034	-.0000	.0000
#2	-.0001	.0000	.0002	-.0013	.0011	.0034	-.0001	.0003
#3	.0012	.0003	.0008	.0004	.0008	.0041	-.0002	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16007.**	**168480.**	**15110.**	**7970.8**
Stddev	174.	242.	385.	111.6
%RSD	1.0866	.14378	2.5458	1.3994
#1	15825.	168570.	15534.	7853.3
#2	16024.	168670.	14782.	7984.0
#3	16171.	168210.	15015.	8075.2

Zoom In Zoom Out

Sample Name: mp52375-b1 7 Acquired: 1/27/2025 18:57:58 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2323**	**24.65**	**1.829**	**1.850**	**2.005**	**1.948**	**-.0107**	**24.47**	**1.909**
Stddev	.0041	.74	.012	.017	.056	.058	.0018	.73	.017
%RSD	1.769	2.991	.6464	.9324	2.785	2.959	16.73	2.975	.8745
#1	.2347	24.00	1.834	1.854	1.958	1.898	-.0114	23.86	1.916
#2	.2346	25.45	1.837	1.865	2.066	2.011	-.0119	25.28	1.920
#3	.2275	24.51	1.815	1.831	1.990	1.936	-.0086	24.28	1.890

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0059**	**2.016**	**1.806**	**2.049**	**24.62**	**25.64**	**-.0324**	**24.69**	**1.932**
Stddev	.0013	.014	.031	.034	.71	.82	.0047	.71	.037
%RSD	21.24	.7143	1.722	1.663	2.892	3.182	14.39	2.858	1.929
#1	-.0052	2.023	1.826	2.071	24.02	25.09	-.0364	24.08	1.948
#2	-.0052	2.025	1.823	2.066	25.41	26.58	-.0273	25.46	1.958
#3	-.0074	1.999	1.771	2.009	24.42	25.26	-.0335	24.53	1.889

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.832**	**25.15**	**2.005**	**1.975**	**2.016**	**.0336**	**1.889**	**1.924**	**-.0182**
Stddev	.016	.68	.014	.016	.012	.0015	.017	.012	.0017
%RSD	.8947	2.722	.7161	.8049	.6139	4.340	.9171	.5977	9.233
#1	1.840	24.55	2.012	1.983	2.023	.0330	1.896	1.926	-.0172
#2	1.842	25.89	2.014	1.985	2.022	.0353	1.901	1.934	-.0202
#3	1.813	25.01	1.988	1.957	2.001	.0326	1.869	1.911	-.0173

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.967**	**2.084**	**1.892**	**1.805**	**1.840**	**1.397**	**1.961**	**1.892**
Stddev	.017	.059	.034	.012	.032	.010	.017	.034
%RSD	.8437	2.808	1.810	.6622	1.750	.7005	.8461	1.812
#1	1.972	2.033	1.914	1.814	1.861	1.395	1.970	1.913
#2	1.980	2.148	1.910	1.810	1.856	1.407	1.971	1.911
#3	1.948	2.070	1.853	1.791	1.803	1.388	1.942	1.852

Zoom In Zoom Out

Sample Name: mp52375-b1 7 Acquired: 1/27/2025 18:57:58 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15335.**	**165620.**	**14881.**	**7884.1**
Stddev	111.	2383.	388.	66.4
%RSD	.72083	1.4389	2.6098	.84233
#1	15274.	163960.	15235.	7848.7
#2	15268.	164540.	14466.	7842.7
#3	15462.	168350.	14944.	7960.7

Zoom In Zoom Out

Sample Name: mp52375-mb1 7 Acquired: 1/27/2025 19:02:46 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0562**	**-.0003**	**.0052**	**-.0012**	**.0003**	**-.0008**	**.1339**	**.0005**
Stddev	.0001	.0079	.0009	.0007	.0006	.0001	.0010	.0044	.0002
%RSD	31.10	14.12	321.7	12.95	50.75	52.66	136.1	3.285	50.91
#1	.0002	.0647	-.0001	.0059	-.0017	.0004	-.0001	.1357	.0007
#2	.0004	.0490	.0005	.0046	-.0005	.0003	-.0020	.1289	.0006
#3	.0005	.0550	-.0013	.0052	-.0014	.0001	-.0002	.1371	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0028**	**.0005**	**.0005**	**.0018**	**.0438**	**-.1534**	**-.0260**	**.0175**	**.0013**
Stddev	.0010	.0001	.0003	.0004	.0021	.0690	.0030	.0176	.0000
%RSD	36.78	28.79	67.23	25.13	4.842	45.00	11.62	100.3	3.803
#1	.0038	.0006	.0008	.0020	.0461	-.1758	-.0283	-.0026	.0014
#2	.0017	.0006	.0005	.0020	.0433	-.2085	-.0226	.0256	.0013
#3	.0029	.0003	.0001	.0013	.0419	-.0760	-.0270	.0297	.0013

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**.1293**	**.0002**	**.0280**	**.0003**	**.0175**	**.0014**	**-.0014**	**.0213**
Stddev	.0002	.0243	.0002	.0001	.0010	.0020	.0018	.0022	.0007
%RSD	9.157	18.77	101.5	.3669	385.4	11.63	127.0	162.8	3.331
#1	.0017	.1352	.0002	.0280	-.0008	.0198	-.0006	.0012	.0213
#2	.0020	.1026	.0000	.0282	.0005	.0160	.0019	-.0024	.0206
#3	.0021	.1501	.0004	.0280	.0011	.0167	.0029	-.0029	.0220

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0170**	**.0010**	**.0017**	**.0015**	**.0011**	**.0188**	**.0088**	**.0008**
Stddev	.0006	.0001	.0001	.0012	.0003	.0016	.0001	.0002
%RSD	3.266	9.295	8.624	80.89	22.07	8.574	1.417	27.23
#1	.0170	.0010	.0018	.0007	.0014	.0206	.0087	.0007
#2	.0164	.0009	.0018	.0009	.0010	.0184	.0088	.0006
#3	.0175	.0010	.0015	.0029	.0010	.0175	.0089	.0010

Zoom In Zoom Out

Sample Name: mp52375-mb1 7 Acquired: 1/27/2025 19:02:46 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16207.**	**169610.**	**15131.**	**8054.4**
Stddev	149.	321.	37.	91.5
%RSD	.91655	.18936	.24208	1.1358
#1	16314.	169970.	15154.	8119.0
#2	16269.	169490.	15089.	8094.5
#3	16037.	169370.	15150.	7949.7

Zoom In Zoom Out

Sample Name: mp52375-s1 Acquired: 1/27/2025 19:07:36 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2301**	**78.75**	**1.848**	**1.774**	**2.093**	**1.869**	**-.0140**	**29.33**	**1.858**
Stddev	.0007	.11	.014	.013	.003	.004	.0042	.05	.013
%RSD	.3059	.1353	.7404	.7551	.1564	.1916	30.30	.1815	.7023
#1	.2303	78.81	1.864	1.789	2.093	1.868	-.0101	29.35	1.873
#2	.2306	78.82	1.839	1.763	2.095	1.873	-.0185	29.37	1.848
#3	.2293	78.63	1.842	1.771	2.089	1.866	-.0133	29.27	1.853

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1141**	**1.997**	**1.847**	**2.062**	**78.65**	**30.73**	**.0363**	**37.92**	**2.388**
Stddev	.0040	.011	.001	.004	.12	.08	.0038	.05	.004
%RSD	3.503	.5658	.0287	.2157	.1484	.2729	10.51	.1433	.1620
#1	.1182	2.010	1.847	2.066	78.67	30.79	.0347	37.96	2.384
#2	.1102	1.989	1.847	2.061	78.76	30.76	.0406	37.95	2.391
#3	.1141	1.993	1.848	2.058	78.53	30.63	.0335	37.86	2.390

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.772**	**25.21**	**2.034**	**3.852**	**1.999**	**.5405**	**1.570**	**1.871**	**1.820**
Stddev	.013	.05	.012	.031	.011	.0077	.011	.014	.030
%RSD	.7588	.1802	.5632	.8005	.5638	1.428	.6905	.7659	1.649
#1	1.787	25.21	2.047	3.888	2.012	.5478	1.582	1.888	1.850
#2	1.761	25.25	2.027	3.830	1.990	.5324	1.561	1.862	1.790
#3	1.768	25.16	2.028	3.840	1.996	.5412	1.567	1.865	1.820

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.862**	**2.028**	**4.067**	**1.777**	**1.880**	**1.259**	**1.997**	**1.796**
Stddev	.013	.005	.003	.008	.001	.010	.014	.002
%RSD	.7192	.2387	.0643	.4289	.0578	.7972	.6753	.1074
#1	1.877	2.025	4.068	1.785	1.881	1.269	2.013	1.798
#2	1.852	2.033	4.068	1.773	1.880	1.249	1.987	1.796
#3	1.858	2.024	4.064	1.771	1.878	1.260	1.992	1.794

Zoom In Zoom Out

Sample Name: mp52375-s1 Acquired: 1/27/2025 19:07:36 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15113.**	**164210.**	**15071.**	**7893.6**
Stddev	62.	382.	14.	46.2
%RSD	.40884	.23264	.09246	.58512
#1	15042.	163770.	15077.	7840.4
#2	15141.	164420.	15055.	7923.2
#3	15156.	164440.	15081.	7917.3

Zoom In Zoom Out

Sample Name: mp52375-s2 Acquired: 1/27/2025 19:12:24 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2317**	**80.59**	**1.859**	**1.796**	**2.022**	**1.861**	**-.0157**	**27.68**	**1.866**
Stddev	.0058	.19	.034	.028	.006	.005	.0012	.08	.031
%RSD	2.519	.2307	1.818	1.578	.3128	.2576	7.778	.2958	1.667
#1	.2290	80.41	1.840	1.778	2.016	1.856	-.0172	27.61	1.846
#2	.2383	80.56	1.839	1.781	2.022	1.862	-.0150	27.65	1.850
#3	.2276	80.78	1.898	1.828	2.029	1.866	-.0151	27.77	1.902

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1275**	**2.008**	**1.865**	**2.088**	**87.59**	**31.23**	**.0416**	**38.87**	**2.623**
Stddev	.0058	.029	.054	.061	.32	.10	.0025	.09	.039
%RSD	4.540	1.461	2.913	2.928	.3705	.3053	6.121	.2191	1.472
#1	.1317	1.991	1.837	2.058	87.32	31.18	.0390	38.77	2.605
#2	.1300	1.991	1.928	2.159	87.50	31.16	.0441	38.93	2.667
#3	.1209	2.042	1.830	2.049	87.95	31.34	.0417	38.92	2.596

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.785**	**24.87**	**2.045**	**3.683**	**2.008**	**.4893**	**1.599**	**1.881**	**1.865**
Stddev	.031	.08	.028	.060	.029	.0085	.027	.027	.039
%RSD	1.716	.3281	1.376	1.620	1.422	1.743	1.677	1.453	2.069
#1	1.764	24.80	2.028	3.642	1.991	.4830	1.583	1.863	1.835
#2	1.771	24.86	2.029	3.655	1.992	.4858	1.583	1.867	1.851
#3	1.820	24.96	2.077	3.751	2.041	.4990	1.630	1.912	1.908

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.874**	**2.015**	**4.113**	**1.784**	**1.906**	**1.361**	**2.025**	**1.828**
Stddev	.033	.007	.117	.021	.055	.025	.034	.050
%RSD	1.761	.3520	2.839	1.159	2.873	1.803	1.695	2.749
#1	1.853	2.008	4.055	1.770	1.879	1.345	2.003	1.804
#2	1.857	2.015	4.248	1.774	1.968	1.348	2.008	1.886
#3	1.912	2.023	4.037	1.808	1.869	1.389	2.065	1.794

Zoom In Zoom Out

Sample Name: mp52375-s2 Acquired: 1/27/2025 19:12:24 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15086.**	**162720.**	**15151.**	**7871.3**
Stddev	160.	4079.	44.	101.1
%RSD	1.0619	2.5065	.29017	1.2850
#1	15193.	164880.	15196.	7945.5
#2	15163.	158020.	15149.	7912.3
#3	14902.	165270.	15108.	7756.1

Zoom In Zoom Out

Sample Name: mp52375-lc1 Acquired: 1/27/2025 19:17:12 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5828**	**54.80**	**1.545**	**1.032**	**3.779**	**1.097**	**-.0124**	**50.51**	**1.775**
Stddev	.0021	.13	.012	.006	.016	.003	.0016	.10	.011
%RSD	.3621	.2360	.7494	.5855	.4102	.2474	12.82	.1999	.6331
#1	.5849	54.72	1.548	1.034	3.761	1.095	-.0141	50.42	1.777
#2	.5828	54.95	1.532	1.025	3.791	1.100	-.0123	50.62	1.763
#3	.5806	54.73	1.554	1.037	3.783	1.096	-.0109	50.48	1.785

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4600**	**2.220**	**1.740**	**2.081**	**61.55**	**13.55**	**1.904**	**16.76**	**2.566**
Stddev	.0044	.010	.005	.006	.19	.05	.006	.04	.009
%RSD	.9662	.4380	.2985	.3072	.3091	.3330	.3014	.2285	.3525
#1	.4626	2.222	1.745	2.088	61.35	13.52	1.899	16.72	2.570
#2	.4625	2.209	1.740	2.079	61.73	13.53	1.910	16.78	2.556
#3	.4548	2.228	1.735	2.076	61.55	13.60	1.903	16.79	2.573

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9317**	**3.681**	**1.003**	**2.119**	**2.400**	**.5519**	**.7348**	**1.101**	**.7541**
Stddev	.0059	.020	.005	.010	.011	.0050	.0016	.007	.0113
%RSD	.6303	.5505	.4821	.4619	.4708	.9131	.2226	.6020	1.505
#1	.9331	3.668	1.005	2.123	2.405	.5548	.7357	1.104	.7614
#2	.9252	3.705	.9977	2.108	2.387	.5461	.7329	1.093	.7410
#3	.9367	3.671	1.007	2.127	2.407	.5549	.7358	1.105	.7599

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.096**	**1.899**	**1.884**	**1.458**	**1.323**	**.0259**	**2.308**	**.0623**
Stddev	.005	.006	.007	.008	.005	.0025	.013	.0005
%RSD	.5020	.3377	.3921	.5740	.3749	9.570	.5487	.7618
#1	1.097	1.892	1.890	1.458	1.328	.0286	2.313	.0625
#2	1.090	1.905	1.886	1.450	1.324	.0237	2.294	.0627
#3	1.100	1.900	1.876	1.466	1.318	.0254	2.318	.0618

Zoom In Zoom Out

Sample Name: mp52375-lc1 Acquired: 1/27/2025 19:17:12 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15446.**	**170980.**	**15670.**	**8123.9**
Stddev	72.	574.	15.	42.9
%RSD	.46553	.33591	.09879	.52788
#1	15438.	170430.	15676.	8118.2
#2	15521.	170940.	15682.	8169.4
#3	15378.	171580.	15653.	8084.2

Zoom In Zoom Out

Sample Name: mp52375-lc2 Acquired: 1/27/2025 19:22:01 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5227**	**56.93**	**1.481**	**.9827**	**3.503**	**1.046**	**-.0132**	**48.68**	**1.678**
Stddev	.0018	.28	.037	.0241	.016	.006	.0010	.28	.045
%RSD	.3400	.4965	2.497	2.456	.4438	.5833	7.650	.5786	2.658
#1	.5223	56.61	1.502	.9974	3.485	1.039	-.0121	48.36	1.702
#2	.5246	57.14	1.503	.9958	3.511	1.050	-.0139	48.88	1.706
#3	.5211	57.05	1.438	.9548	3.513	1.050	-.0136	48.81	1.627

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4298**	**2.101**	**1.672**	**2.013**	**62.13**	**13.52**	**1.853**	**16.82**	**2.529**
Stddev	.0027	.046	.006	.003	.33	.07	.009	.12	.012
%RSD	.6314	2.202	.3436	.1456	.5333	.5113	.5059	.7292	.4536
#1	.4268	2.126	1.678	2.017	61.75	13.46	1.842	16.72	2.517
#2	.4309	2.130	1.666	2.012	62.34	13.60	1.857	16.96	2.529
#3	.4319	2.048	1.671	2.012	62.30	13.50	1.859	16.80	2.540

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8804**	**3.570**	**.9480**	**2.044**	**2.287**	**.5272**	**.6821**	**1.048**	**.6870**
Stddev	.0236	.023	.0215	.050	.052	.0118	.0173	.028	.0145
%RSD	2.682	.6345	2.271	2.451	2.288	2.235	2.541	2.644	2.109
#1	.8935	3.549	.9607	2.069	2.315	.5371	.6934	1.065	.7031
#2	.8945	3.594	.9603	2.077	2.319	.5302	.6907	1.064	.6830
#3	.8531	3.566	.9232	1.986	2.226	.5142	.6621	1.016	.6750

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.041**	**1.782**	**1.847**	**1.361**	**1.285**	**.0173**	**2.219**	**.0594**
Stddev	.027	.009	.002	.033	.004	.0010	.057	.0002
%RSD	2.551	.4940	.1099	2.428	.3048	5.537	2.568	.2746
#1	1.055	1.772	1.849	1.381	1.290	.0164	2.251	.0595
#2	1.058	1.787	1.847	1.379	1.282	.0171	2.252	.0595
#3	1.011	1.787	1.845	1.323	1.285	.0183	2.153	.0592

Zoom In Zoom Out

Sample Name: mp52375-lc2 Acquired: 1/27/2025 19:22:01 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15321.**	**165340.**	**15217.**	**8019.5**
Stddev	278.	289.	106.	175.1
%RSD	1.8172	.17458	.69504	2.1830
#1	15175.	165640.	15331.	7921.5
#2	15147.	165310.	15122.	7915.4
#3	15642.	165070.	15200.	8221.6

Zoom In Zoom Out

Sample Name: je4594-3 Acquired: 1/27/2025 19:26:49 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**49.64**	**.0245**	**.0151**	**.1223**	**.0023**	**-.0086**	**5.713**	**.0018**
Stddev	.0003	.17	.0008	.0004	.0007	.0001	.0020	.012	.0001
%RSD	51.30	.3386	3.288	2.923	.5551	3.896	23.62	.2106	4.464
#1	.0008	49.79	.0252	.0151	.1218	.0022	-.0107	5.722	.0018
#2	.0002	49.46	.0249	.0155	.1221	.0023	-.0067	5.700	.0018
#3	.0005	49.69	.0236	.0147	.1231	.0024	-.0084	5.718	.0017

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2186**	**.0264**	**.0945**	**.0537**	**63.19**	**7.131**	**.0575**	**16.81**	**.5624**
Stddev	.0068	.0003	.0028	.0020	.17	.068	.0008	.08	.0183
%RSD	3.132	1.158	2.969	3.660	.2756	.9593	1.469	.4724	3.259
#1	.2107	.0267	.0919	.0517	63.28	7.053	.0571	16.89	.5440
#2	.2228	.0262	.0975	.0557	62.99	7.166	.0570	16.73	.5806
#3	.2222	.0262	.0943	.0538	63.30	7.175	.0585	16.81	.5624

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034**	**.8736**	**.0728**	**2.274**	**.0967**	**.4468**	**.0041**	**.0010**	**.6947**
Stddev	.0001	.0226	.0002	.008	.0003	.0016	.0013	.0027	.0181
%RSD	1.863	2.585	.2984	.3496	.2725	.3502	31.89	277.3	2.611
#1	.0035	.8480	.0725	2.273	.0964	.4450	.0034	.0041	.6914
#2	.0034	.8817	.0728	2.283	.0969	.4479	.0057	-.0006	.6785
#3	.0034	.8909	.0729	2.267	.0968	.4475	.0033	-.0005	.7143

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0151**	**.0274**	**2.887**	**.0040**	**.0953**	**.0141**	**.7494**	**.0096**
Stddev	.0006	.0001	.099	.0013	.0030	.0012	.0017	.0003
%RSD	4.099	.5100	3.444	33.06	3.151	8.502	.2275	3.177
#1	.0156	.0275	2.786	.0043	.0923	.0152	.7492	.0097
#2	.0153	.0272	2.985	.0026	.0983	.0143	.7512	.0099
#3	.0144	.0275	2.890	.0051	.0952	.0128	.7478	.0093

Zoom In Zoom Out

Sample Name: je4594-3 Acquired: 1/27/2025 19:26:49 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15695.**	**170720.**	**15199.**	**8179.3**
Stddev	30.	4778.	29.	12.7
%RSD	.18945	2.7988	.19103	.15466
#1	15679.	175430.	15165.	8168.6
#2	15677.	165880.	15219.	8176.0
#3	15729.	170860.	15212.	8193.2

Zoom In Zoom Out

Sample Name: mp52375-sd1 Acquired: 1/27/2025 19:31:32 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**48.80**	**.0185**	**.0292**	**.1160**	**.0020**	**-.0289**	**5.672**	**.0012**
Stddev	.0015	.06	.0011	.0033	.0013	.0011	.0050	.017	.0006
%RSD	300.1	.1317	5.938	11.25	1.096	53.33	17.36	.2917	49.15
#1	-.0012	48.82	.0190	.0327	.1148	.0032	-.0256	5.690	.0005
#2	.0010	48.85	.0172	.0286	.1173	.0011	-.0347	5.657	.0015
#3	.0017	48.73	.0193	.0262	.1159	.0017	-.0265	5.670	.0015

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1955**	**.0265**	**.0924**	**.0547**	**62.09**	**6.913**	**-.0714**	**16.43**	**.5548**
Stddev	.0172	.0002	.0043	.0016	.06	.019	.0371	.15	.0237
%RSD	8.811	.8779	4.620	2.882	.1007	.2748	52.06	.9109	4.266
#1	.1871	.0266	.0936	.0530	62.09	6.932	-.0923	16.52	.5585
#2	.1841	.0266	.0877	.0562	62.03	6.894	-.0285	16.52	.5295
#3	.2154	.0262	.0959	.0548	62.16	6.913	-.0933	16.26	.5764

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048**	**1.276**	**.0713**	**2.242**	**.0981**	**.4211**	**.0110**	**.0004**	**.6965**
Stddev	.0012	.017	.0009	.004	.0058	.0213	.0034	.0019	.0206
%RSD	26.04	1.364	1.204	.1543	5.924	5.054	31.09	504.6	2.962
#1	.0059	1.269	.0717	2.240	.0929	.4219	.0080	.0014	.6733
#2	.0049	1.263	.0703	2.246	.0971	.3994	.0102	-.0018	.7128
#3	.0035	1.296	.0718	2.239	.1043	.4419	.0147	.0015	.7033

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0139**	**.0275**	**2.808**	**.0027**	**.0982**	**.0430**	**.7552**	**.0102**
Stddev	.0012	.0007	.115	.0043	.0045	.0033	.0012	.0010
%RSD	8.903	2.687	4.098	158.9	4.555	7.685	.1529	10.23
#1	.0136	.0283	2.819	-.0017	.0998	.0465	.7553	.0114
#2	.0129	.0269	2.687	.0030	.0932	.0400	.7540	.0095
#3	.0153	.0273	2.917	.0069	.1017	.0423	.7563	.0098

Zoom In Zoom Out

Sample Name: mp52375-sd1 Acquired: 1/27/2025 19:31:32 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15889.**	**170590.**	**15131.**	**8082.3**
Stddev	14.	5575.	28.	12.4
%RSD	.08499	3.2678	.18353	.15339
#1	15901.	169980.	15154.	8093.4
#2	15893.	176450.	15100.	8084.6
#3	15875.	165350.	15140.	8069.0

Zoom In Zoom Out

Sample Name: mp52375-ps1 Acquired: 1/27/2025 19:36:18 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2674**	**73.14**	**1.941**	**2.020**	**2.192**	**1.993**	**-.0198**	**30.64**	**1.992**
Stddev	.0412	.79	.000	.068	.020	.017	.0036	.34	.007
%RSD	15.39	1.087	.0117	3.367	.9010	.8502	18.22	1.101	.3732
#1	.2422	73.50	1.941	1.979	2.198	2.001	-.0177	30.82	1.996
#2	.3149	73.70	1.941	2.098	2.207	2.006	-.0240	30.85	1.983
#3	.2452	72.23	1.941	1.982	2.169	1.974	-.0178	30.25	1.996

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2342**	**2.149**	**2.160**	**2.412**	**85.79**	**33.46**	**.0517**	**41.18**	**2.794**
Stddev	.0376	.008	.276	.314	.83	.34	.0073	.36	.355
%RSD	16.08	.3702	12.80	13.00	.9722	1.021	14.14	.8806	12.69
#1	.2118	2.143	1.988	2.212	86.26	33.75	.0491	41.43	2.564
#2	.2777	2.158	2.478	2.773	86.28	33.56	.0599	41.35	3.203
#3	.2131	2.145	2.012	2.250	84.82	33.08	.0460	40.77	2.616

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.900**	**26.66**	**2.177**	**4.260**	**2.212**	**.4648**	**1.984**	**2.034**	**.6691**
Stddev	.002	.26	.003	.050	.009	.0064	.002	.013	.1056
%RSD	.0960	.9719	.1350	1.168	.3928	1.369	.1094	.6190	15.78
#1	1.898	26.80	2.176	4.285	2.217	.4610	1.983	2.027	.6134
#2	1.900	26.81	2.180	4.203	2.202	.4721	1.987	2.048	.7908
#3	1.902	26.36	2.175	4.292	2.217	.4612	1.984	2.025	.6029

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.045**	**2.175**	**5.254**	**1.916**	**2.204**	**1.819**	**2.762**	**2.185**
Stddev	.002	.019	.681	.006	.287	.020	.003	.283
%RSD	.1170	.8540	12.96	.2921	13.04	1.070	.0991	12.96
#1	2.043	2.178	4.826	1.909	2.024	1.800	2.759	2.007
#2	2.048	2.191	6.040	1.920	2.535	1.838	2.765	2.511
#3	2.044	2.155	4.898	1.917	2.053	1.820	2.761	2.035

Zoom In Zoom Out

Sample Name: mp52375-ps1 Acquired: 1/27/2025 19:36:18 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15064.**	*****	**15090.**	**7897.5**
Stddev	5.	-----	128.	1.8
%RSD	.02989	-----	.84777	.02267
#1	15069.	163480.	15005.	7895.4
#2	15060.	-----	15029.	7898.4
#3	15064.	162700.	15237.	7898.6

Zoom In Zoom Out

Sample Name: je4594-2 Acquired: 1/27/2025 19:41:06 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**50.02**	**.0165**	**.0167**	**.0768**	**.0012**	**-.0100**	**5.512**	**.0003**
Stddev	.0004	.87	.0018	.0017	.0010	.0001	.0006	.090	.0004
%RSD	48.48	1.738	11.02	10.08	1.291	11.78	6.335	1.631	152.6
#1	.0009	51.00	.0179	.0181	.0779	.0014	-.0107	5.614	.0007
#2	.0010	49.35	.0144	.0171	.0760	.0011	-.0099	5.444	-.0001
#3	.0003	49.70	.0171	.0148	.0765	.0012	-.0094	5.478	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1762**	**.0178**	**.0645**	**.0358**	**42.65**	**4.676**	**.0392**	**13.99**	**.5199**
Stddev	.0027	.0002	.0001	.0002	.73	.032	.0062	.27	.0012
%RSD	1.552	.8514	.1116	.6887	1.714	.6728	15.69	1.956	.2383
#1	.1731	.0180	.0645	.0360	43.48	4.702	.0369	14.30	.5199
#2	.1772	.0178	.0644	.0359	42.12	4.641	.0345	13.80	.5187
#3	.1783	.0177	.0645	.0355	42.35	4.686	.0462	13.86	.5212

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0065**	**.7327**	**.0568**	**2.333**	**.0237**	**.8815**	**.0018**	**-.0009**	**3.007**
Stddev	.0007	.0195	.0005	.007	.0006	.0029	.0027	.0010	.019
%RSD	10.46	2.666	.8128	.3200	2.438	.3289	153.7	112.8	.6245
#1	.0072	.7456	.0571	2.339	.0231	.8842	.0025	-.0017	3.005
#2	.0065	.7423	.0569	2.325	.0238	.8817	.0040	.0002	2.990
#3	.0058	.7102	.0562	2.335	.0242	.8784	-.0012	-.0011	3.027

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0119**	**.0194**	**1.801**	**.0026**	**.0651**	**.0333**	**.1071**	**-.0056**
Stddev	.0002	.0005	.007	.0016	.0002	.0029	.0003	.0002
%RSD	2.039	2.361	.3989	61.27	.2501	8.651	.2932	4.272
#1	.0116	.0199	1.799	.0034	.0653	.0357	.1074	-.0055
#2	.0120	.0193	1.795	.0037	.0650	.0341	.1068	-.0054
#3	.0121	.0190	1.809	.0008	.0650	.0301	.1071	-.0059

Zoom In Zoom Out

Sample Name: je4594-2 Acquired: 1/27/2025 19:41:06 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15546.**	**167700.**	**15021.**	**8030.3**
Stddev	45.	130.	261.	33.2
%RSD	.28721	.07729	1.7358	.41290
#1	15501.	167760.	14724.	8004.7
#2	15591.	167550.	15210.	8067.7
#3	15547.	167790.	15129.	8018.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 19:45:48 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2392**	**39.93**	**1.975**	**2.008**	**2.069**	**2.001**	**2.038**	**39.55**	**1.996**
Stddev	.0015	.24	.029	.028	.013	.015	.027	.25	.029
%RSD	.6249	.6123	1.469	1.415	.6121	.7524	1.305	.6242	1.480
#1	.2403	40.12	1.947	1.981	2.076	2.013	2.012	39.75	1.967
#2	.2397	40.02	2.005	2.037	2.075	2.004	2.065	39.62	2.026
#3	.2375	39.66	1.973	2.005	2.054	1.984	2.037	39.27	1.994
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.000**	**2.099**	**1.870**	**2.133**	**39.69**	**41.72**	**2.095**	**39.72**	**1.989**
Stddev	.019	.027	.016	.019	.26	.26	.014	.26	.061
%RSD	.9480	1.285	.8786	.8828	.6636	.6309	.6551	.6577	3.084
#1	2.011	2.072	1.880	2.144	39.91	41.97	2.106	39.93	2.020
#2	2.012	2.126	1.880	2.143	39.76	41.74	2.099	39.79	1.918
#3	1.979	2.097	1.851	2.111	39.40	41.44	2.079	39.43	2.028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.949**	**40.37**	**2.086**	**2.013**	**2.100**	**2.058**	**2.009**	**1.995**	**5.181**
Stddev	.030	.29	.025	.027	.024	.032	.033	.028	.080
%RSD	1.524	.7144	1.197	1.355	1.136	1.551	1.626	1.413	1.546
#1	1.921	40.59	2.063	1.986	2.075	2.032	1.978	1.967	5.101
#2	1.980	40.46	2.113	2.041	2.123	2.094	2.043	2.024	5.262
#3	1.946	40.04	2.084	2.012	2.102	2.049	2.006	1.995	5.179
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 19:45:48 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.032**	**2.174**	**1.996**	**2.119**	**1.925**	**1.977**	**2.034**	**1.976**
Stddev	.031	.016	.019	.026	.016	.029	.030	.019
%RSD	1.526	.7246	.9403	1.227	.8266	1.458	1.500	.9800
#1	2.002	2.185	2.007	2.094	1.934	1.951	2.005	1.989
#2	2.064	2.182	2.007	2.146	1.934	2.008	2.065	1.985
#3	2.031	2.156	1.974	2.116	1.906	1.971	2.031	1.954
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14910.**	**161780.**	**14862.**	**7741.1**
Stddev	127.	1372.	113.	86.5
%RSD	.85255	.84806	.76230	1.1173
#1	15027.	160790.	14750.	7820.4
#2	14774.	161220.	14858.	7648.9
#3	14929.	163350.	14977.	7754.0

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 19:50:40 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0431**	**.0008**	**.0062**	**-.0012**	**.0001**	**.0023**	**.0078**	**-.0001**
Stddev	.0004	.0088	.0006	.0017	.0005	.0002	.0018	.0026	.0002
%RSD	62.82	20.44	79.53	27.44	43.13	218.0	78.34	33.23	200.4
#1	.0010	.0370	.0002	.0073	-.0006	-.0000	.0026	.0093	-.0002
#2	.0004	.0532	.0014	.0072	-.0013	-.0000	.0004	.0094	.0001
#3	.0003	.0391	.0007	.0043	-.0017	.0003	.0038	.0048	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0076**	**.0002**	**-.0002**	**.0008**	**.0076**	**-.0546**	**-.0246**	**-.0050**	**.0001**
Stddev	.0059	.0002	.0002	.0003	.0008	.0247	.0047	.0215	.0000
%RSD	78.13	114.3	132.7	39.12	10.56	45.33	19.25	433.8	26.88
#1	-.0105	.0004	-.0000	.0006	.0085	-.0593	-.0248	.0060	.0002
#2	-.0115	-.0000	-.0000	.0007	.0069	-.0278	-.0292	-.0297	.0002
#3	-.0008	.0002	-.0004	.0012	.0075	-.0766	-.0198	.0089	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024**	**.1021**	**-.0002**	**.0018**	**-.0000**	**-.0074**	**-.0002**	**-.0001**	**.0093**
Stddev	.0003	.0110	.0005	.0012	.0006	.0003	.0004	.0002	.0003
%RSD	11.65	10.79	282.5	65.40	5159.	4.291	254.5	115.9	2.903
#1	.0027	.0903	.0003	.0023	-.0001	-.0077	-.0001	-.0000	.0092
#2	.0025	.1040	-.0001	.0004	.0006	-.0071	.0002	-.0003	.0097
#3	.0021	.1121	-.0007	.0026	-.0005	-.0073	-.0006	-.0001	.0092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 19:50:40 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0004**	**.0010**	**-.0001**	**.0011**	**.0135**	**-.0000**	**.0003**
Stddev	.0008	.0001	.0002	.0003	.0002	.0011	.0000	.0001
%RSD	151.2	40.56	20.26	473.0	15.39	7.907	152.6	49.00
#1	-.0003	.0004	.0011	.0001	.0013	.0135	.0000	.0002
#2	.0006	.0002	.0011	.0002	.0011	.0124	-.0000	.0004
#3	.0012	.0005	.0008	-.0005	.0009	.0145	-.0001	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16105.**	**168540.**	**15047.**	**8030.8**
Stddev	146.	736.	113.	99.0
%RSD	.90555	.43670	.75420	1.2325
#1	15993.	167700.	14916.	7948.3
#2	16270.	169060.	15114.	8140.6
#3	16051.	168860.	15112.	8003.7

Zoom In Zoom Out

Sample Name: je4594-4 Acquired: 1/27/2025 19:55:30 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**32.31**	**.0244**	**.0086**	**.0983**	**.0010**	**-.0102**	**11.90**	**.0001**
Stddev	.0009	.07	.0003	.0003	.0003	.0000	.0010	.04	.0000
%RSD	132.9	.2153	1.389	3.819	.2666	2.988	10.32	.3060	43.84
#1	.0003	32.23	.0240	.0083	.0981	.0010	-.0106	11.86	.0001
#2	.0018	32.37	.0246	.0089	.0986	.0010	-.0090	11.94	.0000
#3	.0000	32.33	.0245	.0088	.0982	.0010	-.0109	11.91	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1632**	**.0222**	**.1373**	**.0486**	**56.56**	**6.601**	**.0343**	**22.37**	**.6602**
Stddev	.0059	.0004	.0008	.0009	.15	.087	.0014	.04	.0016
%RSD	3.589	1.656	.5934	1.890	.2662	1.321	4.186	.1587	.2468
#1	.1628	.0218	.1382	.0481	56.41	6.515	.0326	22.33	.6616
#2	.1576	.0226	.1372	.0480	56.71	6.689	.0352	22.39	.6605
#3	.1693	.0223	.1366	.0496	56.57	6.598	.0350	22.38	.6584

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020**	**.4647**	**.0969**	**2.414**	**.0274**	**.9491**	**.0017**	**.0001**	**.3485**
Stddev	.0002	.0100	.0005	.017	.0003	.0066	.0016	.0011	.0043
%RSD	9.236	2.157	.4663	.6928	.9320	.6939	89.64	765.8	1.219
#1	.0021	.4531	.0966	2.395	.0276	.9415	.0014	.0010	.3454
#2	.0021	.4700	.0974	2.424	.0275	.9533	.0004	-.0011	.3469
#3	.0018	.4709	.0967	2.423	.0271	.9525	.0035	.0006	.3534

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0155**	**.0292**	**1.611**	**-.0004**	**.0745**	**.0099**	**.1341**	**.0209**
Stddev	.0006	.0003	.003	.0016	.0004	.0009	.0009	.0002
%RSD	3.680	1.124	.1957	384.2	.5097	8.815	.6417	.9495
#1	.0149	.0289	1.613	-.0001	.0745	.0105	.1331	.0208
#2	.0156	.0295	1.613	-.0022	.0748	.0103	.1347	.0208
#3	.0160	.0293	1.607	.0010	.0741	.0089	.1345	.0212

Zoom In Zoom Out

Sample Name: je4594-4 Acquired: 1/27/2025 19:55:30 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15521.**	**166060.**	**14973.**	**7997.1**
Stddev	24.	229.	48.	21.3
%RSD	.15185	.13810	.32013	.26679
#1	15545.	166330.	15028.	8019.9
#2	15498.	165930.	14947.	7977.6
#3	15519.	165930.	14944.	7993.9

Zoom In Zoom Out

Sample Name: je4594-5 Acquired: 1/27/2025 20:00:12 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**61.01**	**.0600**	**.0119**	**.1116**	**.0015**	**-.0083**	**4.175**	**.0001**
Stddev	.0005	1.43	.0004	.0015	.0034	.0001	.0018	.093	.0001
%RSD	41.48	2.347	.6913	12.94	3.020	4.380	22.04	2.223	51.43
#1	.0011	59.35	.0600	.0121	.1079	.0015	-.0075	4.068	.0002
#2	.0019	61.88	.0604	.0134	.1144	.0014	-.0104	4.236	.0002
#3	.0008	61.78	.0596	.0103	.1126	.0015	-.0071	4.220	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1480**	**.0249**	**.1043**	**.0364**	**64.63**	**7.334**	**.0584**	**19.43**	**.6170**
Stddev	.0038	.0005	.0003	.0013	1.58	.147	.0059	.42	.0007
%RSD	2.595	2.007	.3108	3.616	2.444	2.010	10.11	2.138	.1174
#1	.1489	.0252	.1040	.0349	62.81	7.165	.0517	18.95	.6163
#2	.1514	.0252	.1041	.0372	65.58	7.401	.0608	19.68	.6170
#3	.1438	.0243	.1046	.0372	65.51	7.436	.0627	19.66	.6177

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0041**	**.7979**	**.0802**	**1.880**	**.0238**	**.5508**	**.0004**	**-.0004**	**3.764**
Stddev	.0003	.0378	.0010	.028	.0009	.0114	.0008	.0007	.047
%RSD	7.516	4.741	1.195	1.464	3.933	2.069	215.0	176.0	1.240
#1	.0044	.7736	.0807	1.897	.0245	.5569	.0005	-.0013	3.785
#2	.0039	.8415	.0809	1.894	.0227	.5579	.0010	-.0000	3.796
#3	.0039	.7786	.0792	1.848	.0241	.5377	-.0005	.0000	3.710

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0116**	**.0178**	**2.556**	**.0037**	**.0970**	**.0111**	**.1374**	**-.0099**
Stddev	.0009	.0003	.004	.0002	.0002	.0003	.0021	.0003
%RSD	7.547	1.930	.1382	6.049	.2485	2.742	1.497	3.133
#1	.0124	.0174	2.552	.0035	.0972	.0115	.1389	-.0102
#2	.0116	.0179	2.558	.0037	.0971	.0111	.1383	-.0097
#3	.0107	.0180	2.557	.0039	.0967	.0109	.1351	-.0097

Zoom In Zoom Out

Sample Name: je4594-5 Acquired: 1/27/2025 20:00:12 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15729.**	**167760.**	**15332.**	**8137.3**
Stddev	164.	172.	224.	104.6
%RSD	1.0452	.10235	1.4631	1.2860
#1	15634.	167950.	15591.	8077.0
#2	15633.	167640.	15185.	8076.8
#3	15919.	167670.	15222.	8258.2

Zoom In Zoom Out

Sample Name: je4594-6 Acquired: 1/27/2025 20:04:54 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**37.61**	**.0130**	**.0130**	**.0694**	**.0011**	**-.0087**	**7.521**	**.0007**
Stddev	.0007	.08	.0007	.0004	.0006	.0001	.0014	.009	.0001
%RSD	144.4	.2000	5.395	3.390	.8694	5.048	15.64	.1170	15.90
#1	.0003	37.57	.0132	.0133	.0690	.0011	-.0095	7.513	.0008
#2	-.0001	37.57	.0122	.0125	.0692	.0011	-.0072	7.521	.0006
#3	.0012	37.70	.0135	.0131	.0701	.0010	-.0096	7.530	.0007

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1526**	**.0158**	**.0604**	**.0254**	**38.58**	**4.164**	**.0281**	**12.08**	**.4287**
Stddev	.0074	.0003	.0007	.0009	.06	.088	.0022	.02	.0010
%RSD	4.825	2.200	1.139	3.688	.1559	2.125	7.885	.1742	.2421
#1	.1500	.0160	.0607	.0248	38.52	4.063	.0255	12.09	.4295
#2	.1468	.0154	.0596	.0265	38.57	4.229	.0293	12.05	.4275
#3	.1609	.0161	.0609	.0249	38.64	4.199	.0294	12.08	.4291

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.6527**	**.0495**	**2.747**	**.0202**	**.4030**	**.0014**	**-.0031**	**1.046**
Stddev	.0002	.0115	.0014	.075	.0007	.0129	.0014	.0012	.029
%RSD	20.54	1.759	2.858	2.725	3.410	3.198	100.8	39.58	2.822
#1	.0009	.6531	.0492	2.768	.0194	.4079	.0029	-.0033	1.053
#2	.0009	.6410	.0483	2.664	.0208	.3884	.0009	-.0042	1.013
#3	.0006	.6639	.0510	2.809	.0202	.4128	.0003	-.0018	1.070

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0129**	**.0240**	**1.767**	**.0029**	**.0570**	**.0077**	**.0893**	**.0029**
Stddev	.0004	.0001	.004	.0006	.0003	.0009	.0025	.0001
%RSD	3.373	.3605	.2506	21.15	.5981	11.51	2.848	2.316
#1	.0126	.0240	1.771	.0036	.0572	.0078	.0899	.0030
#2	.0127	.0239	1.762	.0025	.0567	.0068	.0864	.0029
#3	.0134	.0241	1.769	.0026	.0573	.0085	.0914	.0028

Zoom In Zoom Out

Sample Name: je4594-6 Acquired: 1/27/2025 20:04:54 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15621.**	**166780.**	**15045.**	**8032.9**
Stddev	306.	464.	73.	197.3
%RSD	1.9572	.27822	.48703	2.4564
#1	15537.	166460.	15039.	7981.3
#2	15960.	167310.	15121.	8250.9
#3	15366.	166570.	14975.	7866.5

Zoom In Zoom Out

Sample Name: je4594-7 Acquired: 1/27/2025 20:09:35 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**24.36**	**.0205**	**.0144**	**.0800**	**.0013**	**-.0101**	**5.251**	**.0001**
Stddev	.0005	.85	.0007	.0008	.0029	.0002	.0013	.179	.0001
%RSD	108.2	3.487	3.371	5.396	3.580	11.88	12.83	3.417	99.03
#1	.0010	24.85	.0197	.0143	.0819	.0015	-.0099	5.358	.0002
#2	-.0000	24.86	.0211	.0136	.0813	.0013	-.0089	5.352	.0001
#3	.0004	23.38	.0205	.0152	.0767	.0012	-.0115	5.044	-.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1350**	**.0090**	**.0273**	**.0388**	**46.83**	**2.126**	**-.0129**	**3.859**	**.4642**
Stddev	.0009	.0000	.0006	.0003	1.67	.100	.0008	.137	.0093
%RSD	.6445	.5112	2.203	.7838	3.562	4.706	5.974	3.547	2.001
#1	.1360	.0090	.0278	.0387	47.80	2.242	-.0128	3.965	.4719
#2	.1347	.0090	.0274	.0391	47.79	2.064	-.0121	3.908	.4668
#3	.1344	.0090	.0266	.0385	44.90	2.073	-.0137	3.705	.4538

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**.2955**	**.0196**	**2.433**	**.0512**	**1.082**	**-.0003**	**.0008**	**.4384**
Stddev	.0003	.0182	.0001	.018	.0012	.005	.0014	.0005	.0182
%RSD	13.37	6.143	.5332	.7217	2.381	.4754	399.6	58.69	4.162
#1	.0025	.3137	.0197	2.452	.0517	1.087	-.0010	.0010	.4538
#2	.0020	.2773	.0196	2.419	.0521	1.082	-.0012	.0013	.4183
#3	.0021	.2956	.0195	2.427	.0498	1.077	.0012	.0003	.4431

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0144**	**.0307**	**.8977**	**.0003**	**.0707**	**.0060**	**.1308**	**.0132**
Stddev	.0002	.0011	.0195	.0009	.0017	.0006	.0011	.0007
%RSD	1.697	3.667	2.170	295.6	2.392	10.07	.8163	5.155
#1	.0142	.0312	.9157	.0009	.0722	.0065	.1320	.0139
#2	.0146	.0314	.9003	.0007	.0709	.0061	.1300	.0133
#3	.0142	.0294	.8770	-.0007	.0689	.0053	.1303	.0125

Zoom In Zoom Out

Sample Name: je4594-7 Acquired: 1/27/2025 20:09:35 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15883.**	**168980.**	**15426.**	**8106.7**
Stddev	95.	3132.	441.	62.5
%RSD	.59595	1.8535	2.8567	.77139
#1	15774.	166310.	15234.	8036.0
#2	15947.	168200.	15114.	8154.9
#3	15927.	172430.	15930.	8129.1

Zoom In Zoom Out

Sample Name: je4594-8 Acquired: 1/27/2025 20:14:19 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**8.651**	**.0193**	**.0093**	**.0282**	**.0011**	**-.0116**	**.3224**	**.0003**
Stddev	.0003	.300	.0006	.0007	.0011	.0000	.0031	.0115	.0002
%RSD	235.6	3.474	3.216	7.661	3.971	.5096	27.15	3.575	80.32
#1	.0005	8.649	.0200	.0089	.0282	.0011	-.0132	.3202	.0005
#2	-.0001	8.352	.0189	.0088	.0270	.0011	-.0080	.3121	.0001
#3	.0000	8.953	.0190	.0101	.0293	.0011	-.0136	.3349	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1198**	**.0052**	**.0154**	**.0112**	**34.93**	**.8750**	**-.0337**	**1.436**	**.2132**
Stddev	.0081	.0000	.0003	.0013	1.20	.0882	.0048	.058	.0028
%RSD	6.787	.5300	1.830	11.66	3.441	10.08	14.16	4.021	1.296
#1	.1250	.0052	.0157	.0125	34.90	.8594	-.0283	1.461	.2163
#2	.1241	.0052	.0152	.0111	33.74	.7956	-.0371	1.370	.2118
#3	.1105	.0052	.0154	.0099	36.14	.9699	-.0358	1.477	.2114

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**.1081**	**.0089**	**.8045**	**.0176**	**.0377**	**.0018**	**-.0012**	**.3435**
Stddev	.0001	.0206	.0001	.0031	.0005	.0015	.0018	.0006	.0079
%RSD	6.590	19.08	1.632	.3896	2.649	4.060	100.7	47.07	2.303
#1	.0013	.1098	.0091	.8009	.0171	.0384	.0034	-.0019	.3475
#2	.0012	.1279	.0089	.8065	.0180	.0359	.0020	-.0011	.3344
#3	.0013	.0867	.0088	.8061	.0177	.0387	-.0001	-.0008	.3487

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0157**	**.0084**	**.4034**	**.0002**	**.0602**	**.0073**	**.0361**	**.0102**
Stddev	.0003	.0004	.0057	.0005	.0008	.0011	.0001	.0001
%RSD	2.052	5.287	1.402	221.8	1.337	14.36	.4099	.9940
#1	.0158	.0089	.4099	-.0002	.0611	.0073	.0359	.0103
#2	.0159	.0080	.4002	.0008	.0600	.0084	.0361	.0101
#3	.0153	.0084	.4000	.0001	.0596	.0063	.0362	.0101

Zoom In Zoom Out

Sample Name: je4594-8 Acquired: 1/27/2025 20:14:19 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15787.**	**168230.**	**15336.**	**7990.8**
Stddev	51.	2509.	427.	38.5
%RSD	.32011	1.4916	2.7822	.48209
#1	15833.	165330.	15359.	8030.4
#2	15733.	169680.	15751.	7953.4
#3	15795.	169670.	14899.	7988.7

Zoom In Zoom Out

Sample Name: je4595-1 Acquired: 1/27/2025 20:19:05 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**39.31**	**.0422**	**.0081**	**.1838**	**.0011**	**-.0126**	**14.95**	**.0081**
Stddev	.0005	.05	.0010	.0005	.0015	.0000	.0024	.02	.0001
%RSD	234.0	.1341	2.412	6.598	.8376	1.697	19.02	.1144	1.789
#1	.0008	39.32	.0422	.0081	.1828	.0011	-.0109	14.94	.0080
#2	.0001	39.25	.0412	.0075	.1831	.0011	-.0153	14.94	.0082
#3	-.0002	39.36	.0432	.0086	.1856	.0011	-.0115	14.97	.0080

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1843**	**.0264**	**.2224**	**.1086**	**61.82**	**6.589**	**.0443**	**23.79**	**.7695**
Stddev	.0049	.0008	.0006	.0006	.17	.017	.0045	.08	.0014
%RSD	2.653	3.102	.2474	.5238	.2796	.2575	10.21	.3203	.1800
#1	.1888	.0266	.2218	.1087	61.69	6.579	.0402	23.80	.7691
#2	.1791	.0256	.2228	.1081	61.75	6.580	.0492	23.72	.7683
#3	.1849	.0272	.2227	.1092	62.02	6.609	.0437	23.87	.7710

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024**	**.4440**	**.1084**	**2.859**	**.1798**	**1.632**	**.0039**	**-.0015**	**.4339**
Stddev	.0003	.0087	.0023	.069	.0030	.036	.0009	.0015	.0084
%RSD	12.55	1.965	2.144	2.406	1.656	2.192	22.67	94.74	1.936
#1	.0025	.4383	.1090	2.888	.1818	1.642	.0050	-.0024	.4423
#2	.0021	.4541	.1058	2.781	.1764	1.592	.0035	-.0023	.4255
#3	.0027	.4397	.1103	2.909	.1812	1.661	.0033	.0001	.4338

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0181**	**.0386**	**1.889**	**.0007**	**.0853**	**.0072**	**.3609**	**.0124**
Stddev	.0009	.0004	.004	.0001	.0004	.0008	.0088	.0003
%RSD	5.150	.9126	.2342	18.70	.4964	11.69	2.433	2.041
#1	.0192	.0385	1.891	.0008	.0854	.0076	.3648	.0121
#2	.0174	.0382	1.884	.0005	.0849	.0062	.3509	.0124
#3	.0178	.0389	1.893	.0007	.0857	.0078	.3671	.0126

Zoom In Zoom Out

Sample Name: je4595-1 Acquired: 1/27/2025 20:19:05 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15589.**	**166990.**	**15204.**	**8040.7**
Stddev	284.	318.	68.	180.3
%RSD	1.8196	.19040	.44799	2.2428
#1	15460.	167330.	15234.	7958.6
#2	15914.	166700.	15252.	8247.5
#3	15393.	166940.	15126.	7916.0

Zoom In Zoom Out

Sample Name: je4595-2 Acquired: 1/27/2025 20:23:47 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**27.92**	**.0140**	**.0072**	**.1047**	**.0007**	**-.0138**	**15.60**	**.0004**
Stddev	.0007	.04	.0012	.0003	.0009	.0001	.0016	.01	.0001
%RSD	222.3	.1550	8.582	4.194	.8244	16.95	11.49	.0327	29.58
#1	-.0000	27.94	.0126	.0070	.1057	.0008	-.0127	15.61	.0003
#2	.0011	27.94	.0148	.0071	.1042	.0006	-.0131	15.60	.0003
#3	-.0002	27.87	.0145	.0076	.1042	.0008	-.0156	15.61	.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1544**	**.0178**	**.0870**	**.0360**	**50.90**	**7.415**	**.0276**	**17.91**	**1.100**
Stddev	.0025	.0003	.0002	.0008	.03	.026	.0024	.06	.002
%RSD	1.587	1.571	.1816	2.110	.0630	.3452	8.871	.3296	.1642
#1	.1570	.0180	.0869	.0357	50.92	7.385	.0289	17.92	1.101
#2	.1521	.0174	.0868	.0354	50.91	7.430	.0248	17.96	1.100
#3	.1541	.0179	.0871	.0368	50.86	7.429	.0291	17.85	1.098

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.4158**	**.0782**	**2.286**	**.0229**	**.9120**	**.0029**	**-.0013**	**.3226**
Stddev	.0001	.0073	.0006	.014	.0011	.0045	.0008	.0004	.0096
%RSD	6.575	1.754	.7345	.6084	4.708	.4976	26.52	26.96	2.991
#1	.0009	.4084	.0783	2.294	.0240	.9159	.0036	-.0013	.3204
#2	.0008	.4158	.0776	2.270	.0228	.9071	.0021	-.0010	.3332
#3	.0009	.4230	.0788	2.295	.0219	.9131	.0029	-.0017	.3142

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0152**	**.0377**	**1.552**	**-.0000**	**.0633**	**.0066**	**.1052**	**.0166**
Stddev	.0007	.0003	.002	.0017	.0002	.0008	.0006	.0001
%RSD	4.686	.8699	.1112	6396.	.2923	12.89	.5856	.6264
#1	.0157	.0381	1.554	.0007	.0634	.0075	.1056	.0168
#2	.0155	.0374	1.550	.0012	.0635	.0065	.1045	.0166
#3	.0144	.0376	1.552	-.0019	.0631	.0058	.1056	.0166

Zoom In Zoom Out

Sample Name: je4595-2 Acquired: 1/27/2025 20:23:47 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15710.**	**168380.**	**15203.**	**8095.2**
Stddev	46.	483.	24.	19.5
%RSD	.29061	.28681	.15516	.24044
#1	15706.	168750.	15198.	8089.5
#2	15758.	167830.	15183.	8116.8
#3	15667.	168560.	15229.	8079.2

Zoom In Zoom Out

Sample Name: je4595-3 Acquired: 1/27/2025 20:28:30 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**15.68**	**.0111**	**.1146**	**.2928**	**.0007**	**-.0063**	**64.79**	**.0002**
Stddev	.0001	.01	.0008	.0018	.0010	.0000	.0019	.12	.0003
%RSD	24.19	.0615	7.529	1.558	.3269	2.461	29.87	.1776	114.6
#1	.0003	15.69	.0105	.1165	.2930	.0007	-.0070	64.66	.0005
#2	.0004	15.67	.0109	.1145	.2936	.0007	-.0078	64.81	.0002
#3	.0005	15.69	.0121	.1129	.2917	.0007	-.0042	64.89	-.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1090**	**.0086**	**.0258**	**.1025**	**33.21**	**18.03**	**-.0131**	**14.27**	**2.361**
Stddev	.0029	.0004	.0007	.0029	.02	.08	.0032	.03	.060
%RSD	2.664	4.296	2.898	2.851	.0717	.4497	24.18	.2300	2.532
#1	.1122	.0090	.0261	.1004	33.19	18.05	-.0102	14.24	2.326
#2	.1067	.0087	.0264	.1058	33.21	18.11	-.0164	14.26	2.430
#3	.1080	.0082	.0250	.1012	33.24	17.95	-.0126	14.30	2.327

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034**	**1.290**	**.0318**	**7.159**	**.1619**	**6.449**	**.0065**	**-.0035**	**.9389**
Stddev	.0000	.019	.0006	.147	.0022	.129	.0008	.0011	.0267
%RSD	.4487	1.473	1.935	2.058	1.368	2.006	12.30	31.81	2.845
#1	.0033	1.290	.0323	7.231	.1625	6.520	.0073	-.0022	.9484
#2	.0034	1.270	.0319	7.256	.1638	6.527	.0065	-.0040	.9596
#3	.0034	1.308	.0311	6.989	.1594	6.299	.0057	-.0042	.9088

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0152**	**.2409**	**.6503**	**-.0099**	**.0688**	**.0143**	**.4786**	**.0112**
Stddev	.0002	.0003	.0144	.0018	.0017	.0007	.0097	.0004
%RSD	1.459	.1072	2.216	18.49	2.507	4.792	2.033	3.914
#1	.0154	.2409	.6459	-.0094	.0680	.0149	.4839	.0116
#2	.0151	.2411	.6664	-.0119	.0707	.0135	.4845	.0114
#3	.0150	.2406	.6386	-.0083	.0676	.0145	.4673	.0107

Zoom In Zoom Out

Sample Name: je4595-3 Acquired: 1/27/2025 20:28:30 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15527.**	**164560.**	**15096.**	**8003.7**
Stddev	194.	3059.	59.	121.2
%RSD	1.2488	1.8585	.39371	1.5141
#1	15433.	165600.	15159.	7947.9
#2	15397.	161120.	15041.	7920.5
#3	15750.	166970.	15089.	8142.8

Zoom In Zoom Out

Sample Name: mp52375-lc1 Acquired: 1/27/2025 20:33:22 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6062**	**57.04**	**1.565**	**1.071**	**3.917**	**1.127**	**-.0408**	**51.87**	**1.816**
Stddev	.0029	.14	.017	.018	.009	.004	.0105	.10	.018
%RSD	.4761	.2427	1.093	1.661	.2245	.3194	25.84	.1936	.9885
#1	.6079	57.00	1.583	1.091	3.910	1.126	-.0511	51.85	1.837
#2	.6029	57.20	1.562	1.058	3.927	1.130	-.0411	51.98	1.805
#3	.6079	56.93	1.549	1.064	3.914	1.123	-.0300	51.78	1.807

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4987**	**2.194**	**1.781**	**2.101**	**63.58**	**12.64**	**1.930**	**17.66**	**2.692**
Stddev	.0260	.017	.021	.025	.12	.35	.013	.01	.033
%RSD	5.206	.7614	1.205	1.215	.1894	2.745	.6640	.0395	1.217
#1	.4997	2.213	1.768	2.082	63.50	12.26	1.917	17.67	2.672
#2	.4723	2.183	1.769	2.091	63.72	12.72	1.933	17.65	2.674
#3	.5242	2.185	1.805	2.130	63.52	12.93	1.942	17.66	2.730

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9550**	**3.992**	**1.018**	**2.140**	**2.407**	**.5434**	**.7307**	**1.116**	**.8352**
Stddev	.0111	.061	.008	.021	.035	.0081	.0199	.013	.0309
%RSD	1.162	1.526	.7777	.9860	1.453	1.484	2.730	1.118	3.706
#1	.9677	4.029	1.028	2.164	2.448	.5509	.7537	1.130	.8578
#2	.9472	4.026	1.014	2.125	2.386	.5446	.7193	1.106	.7999
#3	.9499	3.922	1.014	2.130	2.389	.5349	.7191	1.113	.8478

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.113**	**1.955**	**1.926**	**1.486**	**1.350**	**.0231**	**2.376**	**.0564**
Stddev	.015	.006	.020	.013	.017	.0084	.024	.0010
%RSD	1.332	.2869	1.013	.8730	1.268	36.38	.9998	1.748
#1	1.130	1.954	1.914	1.500	1.340	.0224	2.403	.0563
#2	1.104	1.960	1.915	1.474	1.340	.0150	2.362	.0555
#3	1.106	1.949	1.948	1.483	1.370	.0318	2.362	.0574

Zoom In Zoom Out

Sample Name: mp52375-lc1 Acquired: 1/27/2025 20:33:22 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15747.**	**167840.**	**15186.**	**7988.6**
Stddev	103.	1541.	58.	61.1
%RSD	.65460	.91817	.38217	.76443
#1	15629.	169140.	15198.	7918.5
#2	15818.	168230.	15123.	8030.1
#3	15793.	166140.	15237.	8017.1

Zoom In Zoom Out

Sample Name: mp52375-lc2 Acquired: 1/27/2025 20:38:04 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5504**	**57.47**	**1.459**	**.9921**	**3.539**	**1.039**	**-.0385**	**48.75**	**1.674**
Stddev	.0320	1.11	.021	.0135	.065	.021	.0042	.92	.017
%RSD	5.820	1.934	1.471	1.360	1.844	1.969	10.98	1.885	1.033
#1	.5337	57.60	1.450	.9812	3.539	1.039	-.0398	48.80	1.665
#2	.5302	58.52	1.484	1.007	3.605	1.060	-.0419	49.64	1.694
#3	.5874	56.31	1.444	.9878	3.474	1.019	-.0338	47.80	1.663

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4624**	**2.039**	**1.680**	**1.984**	**62.57**	**13.05**	**1.798**	**17.08**	**2.601**
Stddev	.0330	.021	.103	.114	1.14	.43	.025	.32	.150
%RSD	7.144	1.007	6.142	5.766	1.824	3.293	1.370	1.863	5.753
#1	.4352	2.028	1.622	1.923	62.55	12.99	1.804	17.07	2.516
#2	.4527	2.063	1.619	1.912	63.73	13.51	1.820	17.40	2.513
#3	.4991	2.027	1.800	2.116	61.45	12.66	1.771	16.76	2.773

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8863**	**3.753**	**.9410**	**2.018**	**2.255**	**.4900**	**.6696**	**1.042**	**.5979**
Stddev	.0097	.162	.0099	.026	.028	.0192	.0165	.017	.0163
%RSD	1.097	4.307	1.049	1.286	1.233	3.909	2.470	1.586	2.721
#1	.8795	3.575	.9344	1.997	2.242	.4768	.6659	1.029	.6109
#2	.8974	3.892	.9523	2.047	2.286	.5119	.6877	1.061	.5796
#3	.8819	3.791	.9363	2.010	2.235	.4811	.6552	1.038	.6032

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.039**	**1.779**	**1.837**	**1.366**	**1.284**	**.0235**	**2.228**	**.0577**
Stddev	.010	.029	.106	.009	.076	.0019	.026	.0031
%RSD	.9951	1.627	5.753	.6931	5.920	7.925	1.180	5.291
#1	1.033	1.780	1.776	1.358	1.241	.0215	2.214	.0565
#2	1.051	1.808	1.777	1.376	1.239	.0252	2.258	.0554
#3	1.034	1.750	1.959	1.363	1.372	.0237	2.212	.0612

Zoom In Zoom Out

Sample Name: mp52375-lc2 Acquired: 1/27/2025 20:38:04 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15747.**	**163530.**	**14868.**	**7968.3**
Stddev	139.	9084.	270.	89.6
%RSD	.88174	5.5548	1.8172	1.1249
#1	15819.	168850.	14843.	8013.5
#2	15587.	168690.	14611.	7865.0
#3	15835.	153040.	15150.	8026.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 20:42:48 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2398**	**39.56**	**1.982**	**2.012**	**2.056**	**1.988**	**2.047**	**39.07**	**1.997**
Stddev	.0011	1.00	.009	.006	.053	.049	.006	.94	.006
%RSD	.4621	2.522	.4381	.2955	2.588	2.485	.3045	2.405	.3126
#1	.2399	40.11	1.989	2.017	2.085	2.016	2.053	39.59	2.002
#2	.2408	40.16	1.985	2.012	2.088	2.017	2.049	39.63	2.000
#3	.2386	38.41	1.972	2.005	1.994	1.931	2.041	37.98	1.990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.014**	**2.103**	**1.872**	**2.119**	**39.20**	**41.05**	**2.069**	**39.40**	**1.992**
Stddev	.008	.006	.012	.014	.97	.99	.048	.93	.030
%RSD	.3750	.3039	.6337	.6551	2.482	2.413	2.320	2.351	1.517
#1	2.019	2.109	1.879	2.126	39.73	41.53	2.093	39.95	2.003
#2	2.016	2.104	1.879	2.128	39.78	41.71	2.100	39.93	2.016
#3	2.005	2.097	1.858	2.103	38.07	39.91	2.014	38.33	1.958
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.953**	**39.97**	**2.095**	**2.013**	**2.104**	**2.059**	**2.008**	**2.006**	**5.174**
Stddev	.006	.98	.007	.002	.005	.011	.006	.008	.016
%RSD	.3269	2.443	.3268	.1165	.2502	.5231	.3166	.4134	.3151
#1	1.959	40.54	2.102	2.015	2.107	2.070	2.014	2.015	5.191
#2	1.953	40.52	2.095	2.014	2.107	2.059	2.009	2.003	5.174
#3	1.946	38.84	2.088	2.011	2.098	2.048	2.002	1.999	5.158
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 20:42:48 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.030**	**2.158**	**1.999**	**2.132**	**1.929**	**1.969**	**2.038**	**1.978**
Stddev	.008	.055	.011	.007	.011	.006	.008	.011
%RSD	.4104	2.546	.5505	.3333	.5893	.3212	.3857	.5676
#1	2.037	2.190	2.006	2.139	1.936	1.976	2.045	1.987
#2	2.031	2.190	2.004	2.133	1.935	1.969	2.040	1.983
#3	2.021	2.095	1.986	2.125	1.916	1.963	2.030	1.966
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14958.**	**162240.**	**15001.**	**7751.4**
Stddev	20.	928.	370.	16.8
%RSD	.13237	.57197	2.4680	.21706
#1	14937.	161890.	14807.	7734.7
#2	14960.	161530.	14769.	7751.2
#3	14977.	163290.	15428.	7768.3

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 20:47:39 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0364**	**.0001**	**.0042**	**-.0025**	**.0002**	**.0011**	**.0160**	**.0001**
Stddev	.0007	.0195	.0005	.0010	.0005	.0000	.0024	.0014	.0004
%RSD	752.7	53.40	505.1	23.00	18.84	18.37	224.9	8.819	373.7
#1	-.0003	.0582	.0001	.0051	-.0027	.0001	.0037	.0155	.0005
#2	.0008	.0209	-.0004	.0043	-.0028	.0002	.0002	.0148	-.0003
#3	-.0003	.0302	.0006	.0032	-.0019	.0001	-.0008	.0175	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018**	**-.0000**	**-.0003**	**-.0002**	**.0052**	**-.2888**	**-.0286**	**.0093**	**.0001**
Stddev	.0058	.0003	.0000	.0003	.0034	.0441	.0015	.0067	.0001
%RSD	327.4	682.3	12.85	149.4	66.25	15.28	5.161	72.30	71.80
#1	.0039	.0001	-.0003	-.0004	.0082	-.3391	-.0272	.0139	.0001
#2	-.0048	.0001	-.0004	-.0004	.0059	-.2709	-.0301	.0016	.0000
#3	.0062	-.0003	-.0003	.0002	.0015	-.2564	-.0283	.0124	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**.0327**	**-.0003**	**.0004**	**-.0003**	**-.0091**	**-.0011**	**-.0011**	**.0053**
Stddev	.0002	.0062	.0002	.0001	.0004	.0029	.0019	.0016	.0019
%RSD	19.85	18.87	48.48	27.75	135.4	31.62	178.4	147.3	36.01
#1	.0013	.0256	-.0004	.0005	-.0001	-.0089	-.0033	.0001	.0058
#2	.0009	.0353	-.0004	.0003	-.0000	-.0063	.0004	-.0029	.0069
#3	.0010	.0371	-.0001	.0003	-.0008	-.0121	-.0003	-.0004	.0032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 20:47:39 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0003**	**.0008**	**.0005**	**.0006**	**.0059**	**-.0002**	**.0002**
Stddev	.0010	.0001	.0002	.0009	.0002	.0004	.0001	.0002
%RSD	324.6	42.18	24.99	177.1	35.60	7.336	40.95	101.9
#1	.0006	.0004	.0010	.0013	.0008	.0054	-.0002	.0003
#2	.0012	.0004	.0008	-.0005	.0004	.0063	-.0001	-.0000
#3	-.0008	.0002	.0006	.0008	.0006	.0059	-.0003	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16104.**	**168810.**	**15193.**	**8013.2**
Stddev	45.	1011.	279.	31.2
%RSD	.27669	.59891	1.8374	.38939
#1	16140.	167650.	14980.	8037.2
#2	16054.	169480.	15091.	7977.9
#3	16119.	169310.	15509.	8024.6

Zoom In Zoom Out

Sample Name: mp52380-mb1 7 Acquired: 1/27/2025 20:52:29 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0220**	**-.0004**	**.0030**	**-.0009**	**-.0001**	**.0011**	**.0170**	**.0002**
Stddev	.0005	.0187	.0010	.0012	.0009	.0000	.0019	.0016	.0002
%RSD	173.9	85.21	269.6	41.48	97.86	4.136	179.9	9.443	94.82
#1	.0007	.0022	-.0016	.0041	-.0003	-.0001	.0028	.0172	.0000
#2	-.0002	.0394	.0003	.0032	-.0020	-.0001	-.0010	.0186	.0002
#3	.0004	.0244	.0001	.0017	-.0005	-.0001	.0014	.0154	.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025**	**.0001**	**-.0002**	**-.0006**	**.0119**	**-.1659**	**-.0276**	**.0085**	**.0002**
Stddev	.0043	.0003	.0003	.0011	.0020	.0936	.0040	.0150	.0000
%RSD	174.9	290.2	122.4	176.2	17.01	56.42	14.38	176.1	31.30
#1	.0028	.0004	-.0005	.0006	.0131	-.2726	-.0230	-.0033	.0001
#2	-.0020	-.0002	.0001	-.0012	.0096	-.0976	-.0302	.0035	.0002
#3	.0066	.0000	-.0003	-.0013	.0131	-.1275	-.0296	.0254	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0804**	**.0004**	**.0016**	**-.0005**	**-.0070**	**.0000**	**-.0006**	**.0076**
Stddev	.0001	.0331	.0001	.0004	.0004	.0007	.0004	.0016	.0005
%RSD	16.57	41.18	34.49	25.78	95.84	9.823	830.4	268.2	6.049
#1	.0007	.0480	.0005	.0015	-.0002	-.0068	-.0002	-.0024	.0076
#2	.0006	.1142	.0003	.0020	-.0002	-.0077	.0005	.0003	.0081
#3	.0005	.0792	.0003	.0012	-.0010	-.0064	-.0002	.0003	.0072

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0003**	**.0009**	**.0003**	**.0008**	**.0039**	**.0009**	**.0001**
Stddev	.0008	.0000	.0003	.0020	.0004	.0008	.0002	.0002
%RSD	207.5	8.216	31.67	751.8	53.80	19.44	18.69	129.5
#1	-.0002	.0003	.0012	.0015	.0012	.0031	.0011	.0001
#2	.0013	.0003	.0009	.0013	.0003	.0046	.0007	.0003
#3	.0001	.0002	.0006	-.0020	.0009	.0040	.0010	-.0000

Zoom In Zoom Out

Sample Name: mp52380-mb1 7 Acquired: 1/27/2025 20:52:29 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15968.**	**167980.**	**14925.**	**7949.3**
Stddev	101.	675.	79.	68.4
%RSD	.63289	.40164	.52981	.86077
#1	15986.	167460.	14947.	7961.0
#2	15859.	167740.	14837.	7875.8
#3	16058.	168740.	14991.	8011.1

Zoom In Zoom Out

Sample Name: mp52380-b1 Acquired: 1/27/2025 20:57:18 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2446**	**25.67**	**1.945**	**1.997**	**2.084**	**2.024**	**-.0139**	**25.30**	**2.016**
Stddev	.0056	.10	.003	.001	.005	.008	.0021	.09	.002
%RSD	2.270	.3764	.1347	.0341	.2541	.4126	15.09	.3635	.1079
#1	.2384	25.74	1.947	1.997	2.089	2.031	-.0117	25.38	2.018
#2	.2466	25.72	1.942	1.998	2.085	2.025	-.0141	25.32	2.014
#3	.2489	25.56	1.947	1.998	2.079	2.015	-.0159	25.20	2.016

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0061**	**2.138**	**1.883**	**2.144**	**25.48**	**26.45**	**-.0282**	**25.73**	**2.011**
Stddev	.0009	.003	.047	.052	.09	.03	.0036	.13	.045
%RSD	14.92	.1210	2.516	2.408	.3339	.1091	12.72	.5116	2.218
#1	-.0068	2.141	1.828	2.085	25.56	26.48	-.0253	25.86	1.962
#2	-.0064	2.137	1.907	2.168	25.50	26.42	-.0270	25.72	2.049
#3	-.0051	2.136	1.914	2.180	25.39	26.45	-.0322	25.60	2.022

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.976**	**26.14**	**2.128**	**2.059**	**2.129**	**.0150**	**2.015**	**2.038**	**-.0487**
Stddev	.002	.10	.002	.001	.003	.0015	.003	.002	.0013
%RSD	.1009	.3706	.0742	.0439	.1326	10.02	.1591	.1175	2.600
#1	1.978	26.21	2.130	2.058	2.130	.0159	2.019	2.040	-.0476
#2	1.974	26.17	2.126	2.059	2.131	.0132	2.013	2.036	-.0501
#3	1.976	26.03	2.128	2.060	2.126	.0157	2.014	2.039	-.0485

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.054**	**2.170**	**2.007**	**1.932**	**1.942**	**1.984**	**2.063**	**2.016**
Stddev	.002	.006	.048	.002	.048	.003	.001	.050
%RSD	.0812	.2663	2.372	.0882	2.451	.1388	.0557	2.491
#1	2.056	2.176	1.952	1.930	1.888	1.986	2.064	1.958
#2	2.053	2.168	2.035	1.934	1.967	1.981	2.062	2.043
#3	2.053	2.164	2.034	1.933	1.973	1.985	2.062	2.048

Zoom In Zoom Out

Sample Name: mp52380-b1 Acquired: 1/27/2025 20:57:18 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14980.**	**163570.**	**14922.**	**7706.4**
Stddev	14.	2929.	42.	10.0
%RSD	.09134	1.7904	.27889	.12924
#1	14969.	166950.	14874.	7701.0
#2	14995.	161910.	14952.	7717.9
#3	14976.	161850.	14939.	7700.3

Zoom In Zoom Out

Sample Name: mp52380-s1 Acquired: 1/27/2025 21:02:07 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2323**	**24.93**	**1.797**	**1.863**	**1.974**	**1.879**	**-.0146**	**30.03**	**1.851**
Stddev	.0013	.07	.002	.004	.008	.005	.0018	.06	.002
%RSD	.5612	.2950	.1348	.2064	.3903	.2757	12.07	.2149	.0835
#1	.2337	25.01	1.794	1.860	1.983	1.885	-.0157	30.11	1.851
#2	.2321	24.88	1.798	1.861	1.969	1.875	-.0155	29.99	1.850
#3	.2311	24.89	1.798	1.867	1.971	1.877	-.0125	30.00	1.853

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**1.957**	**1.766**	**1.994**	**24.11**	**27.11**	**-.0304**	**25.51**	**1.896**
Stddev	.0023	.003	.005	.002	.06	.15	.0024	.03	.005
%RSD	282.2	.1618	.2695	.0973	.2570	.5499	8.026	.1363	.2525
#1	.0016	1.955	1.771	1.996	24.18	27.18	-.0329	25.54	1.890
#2	-.0029	1.955	1.766	1.995	24.06	27.20	-.0281	25.47	1.899
#3	-.0011	1.960	1.761	1.993	24.08	26.93	-.0303	25.52	1.898

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.802**	**45.68**	**1.953**	**1.937**	**1.951**	**6.359**	**1.856**	**1.872**	**4.303**
Stddev	.002	.14	.002	.002	.005	.011	.003	.004	.008
%RSD	.1175	.3145	.1111	.1238	.2655	.1702	.1781	.1906	.1943
#1	1.801	45.85	1.952	1.935	1.952	6.354	1.857	1.873	4.304
#2	1.802	45.60	1.952	1.937	1.945	6.351	1.852	1.869	4.294
#3	1.805	45.60	1.956	1.940	1.956	6.371	1.858	1.876	4.310

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.890**	**2.089**	**1.873**	**1.763**	**1.814**	**1.816**	**1.907**	**1.857**
Stddev	.002	.009	.004	.003	.003	.005	.002	.005
%RSD	.1139	.4158	.2073	.1877	.1614	.2792	.1129	.2925
#1	1.889	2.099	1.877	1.759	1.817	1.815	1.906	1.861
#2	1.889	2.084	1.873	1.764	1.814	1.812	1.906	1.858
#3	1.893	2.084	1.869	1.766	1.811	1.822	1.910	1.850

Zoom In Zoom Out

Sample Name: mp52380-s1 Acquired: 1/27/2025 21:02:07 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15161.**	**162780.**	**14937.**	**7808.7**
Stddev	40.	370.	53.	20.5
%RSD	.26351	.22754	.35661	.26301
#1	15179.	162990.	14915.	7822.7
#2	15189.	162990.	14998.	7818.3
#3	15116.	162350.	14899.	7785.1

Zoom In Zoom Out

Sample Name: mp52380-s2 Acquired: 1/27/2025 21:06:55 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2309**	**24.86**	**1.801**	**1.869**	**1.963**	**1.870**	**-.0134**	**29.92**	**1.851**
Stddev	.0006	.18	.002	.006	.014	.015	.0012	.20	.006
%RSD	.2695	.7107	.1083	.3132	.7048	.8008	8.778	.6850	.3307
#1	.2314	24.66	1.799	1.862	1.948	1.853	-.0147	29.68	1.845
#2	.2311	24.99	1.803	1.874	1.974	1.883	-.0129	30.05	1.857
#3	.2302	24.93	1.800	1.870	1.968	1.874	-.0125	30.02	1.851

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**1.963**	**1.760**	**1.975**	**24.06**	**27.14**	**-.0322**	**25.46**	**1.861**
Stddev	.0015	.007	.005	.004	.19	.18	.0045	.20	.006
%RSD	502.2	.3527	.2881	.2198	.7891	.6745	13.87	.8041	.3287
#1	.0000	1.955	1.764	1.979	23.85	26.93	-.0345	25.24	1.864
#2	.0019	1.969	1.762	1.976	24.22	27.24	-.0270	25.65	1.865
#3	-.0010	1.965	1.754	1.971	24.11	27.26	-.0350	25.48	1.854

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.807**	**45.47**	**1.959**	**1.934**	**1.954**	**6.331**	**1.857**	**1.880**	**4.274**
Stddev	.007	.32	.005	.005	.005	.013	.007	.010	.015
%RSD	.3760	.7083	.2645	.2714	.2551	.2032	.3741	.5299	.3578
#1	1.800	45.10	1.953	1.928	1.948	6.317	1.850	1.870	4.259
#2	1.814	45.70	1.964	1.939	1.958	6.342	1.864	1.890	4.290
#3	1.806	45.60	1.959	1.934	1.955	6.334	1.857	1.879	4.272

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.889**	**2.072**	**1.864**	**1.772**	**1.808**	**1.819**	**1.907**	**1.850**
Stddev	.008	.013	.003	.008	.002	.004	.006	.002
%RSD	.4051	.6264	.1331	.4403	.1230	.2278	.3076	.1173
#1	1.880	2.058	1.865	1.763	1.810	1.814	1.901	1.849
#2	1.895	2.083	1.867	1.777	1.809	1.823	1.913	1.853
#3	1.890	2.074	1.862	1.776	1.806	1.819	1.907	1.849

Zoom In Zoom Out

Sample Name: mp52380-s2 Acquired: 1/27/2025 21:06:55 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15258.**	**165060.**	**15114.**	**7863.3**
Stddev	48.	895.	60.	28.5
%RSD	.31425	.54195	.39720	.36202
#1	15312.	164160.	15178.	7893.4
#2	15224.	165070.	15059.	7836.8
#3	15237.	165950.	15104.	7859.7

Zoom In Zoom Out

Sample Name: je4629-2 Acquired: 1/27/2025 21:11:43 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.5196**	**.0001**	**.0362**	**.0361**	**.0001**	**.0012**	**6.344**
Stddev	.0002	.0127	.0005	.0006	.0012	.0001	.0005	.016
%RSD	27.02	2.447	718.9	1.625	3.294	185.0	46.79	.2452
#1	.0008	.5268	-.0000	.0364	.0359	.0002	.0010	6.330
#2	.0005	.5272	.0006	.0355	.0349	-.0000	.0017	6.361
#3	.0008	.5049	-.0004	.0366	.0373	.0000	.0007	6.341

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0006**	**-.0004**	**.0007**	**.0025**	**.4083**	**2.216**	**-.0252**
Stddev	.0002	.0029	.0001	.0001	.0003	.0046	.079	.0047
%RSD	219.2	481.3	18.38	9.906	13.23	1.126	3.575	18.53
#1	-.0000	-.0024	-.0004	.0008	.0022	.4030	2.162	-.0306
#2	.0004	.0028	-.0003	.0006	.0025	.4110	2.178	-.0223
#3	-.0000	-.0022	-.0004	.0007	.0029	.4108	2.307	-.0227

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.628**	**.0068**	**.0016**	**21.58**	**.0008**	**.0384**	**.0003**	**6.323**
Stddev	.036	.0001	.0002	.03	.0003	.0010	.0008	.082
%RSD	2.205	.9656	12.03	.1263	36.21	2.600	236.2	1.294
#1	1.653	.0067	.0018	21.55	.0009	.0391	.0003	6.283
#2	1.587	.0068	.0017	21.59	.0010	.0372	-.0004	6.269
#3	1.644	.0068	.0014	21.60	.0005	.0388	.0011	6.417

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024**	**-.0018**	**3.585**	**.0006**	**.0753**	**.0073**	**.0006**	**.0013**
Stddev	.0012	.0014	.047	.0006	.0003	.0004	.0006	.0002
%RSD	49.07	77.33	1.319	107.3	.4411	4.864	103.0	16.42
#1	.0011	-.0002	3.563	.0005	.0752	.0069	.0008	.0011
#2	.0027	-.0024	3.554	.0000	.0757	.0074	.0011	.0015
#3	.0034	-.0029	3.640	.0012	.0751	.0076	-.0001	.0013

Zoom In Zoom Out

Sample Name: je4629-2 Acquired: 1/27/2025 21:11:43 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0052**	**.0209**	F **-.0171**
Stddev	.0007	.0003	.0002
%RSD	12.77	1.605	1.310
#1	.0045	.0208	-.0172
#2	.0058	.0207	-.0168
#3	.0055	.0213	-.0172

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15815.**	**169020.**	**15141.**	**7949.1**
Stddev	149.	1565.	25.	84.5
%RSD	.94337	.92617	.16232	1.0632
#1	15902.	170400.	15124.	7998.5
#2	15900.	167320.	15170.	7997.3
#3	15643.	169340.	15130.	7851.5

Zoom In Zoom Out

Sample Name: mp52380-sd1 Acquired: 1/27/2025 21:16:29 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0040**	**.6852**	**-.0016**	**.0459**	**.0246**	**-.0004**	**.0108**	**6.312**	**.0005**
Stddev	.0007	.0239	.0044	.0048	.0036	.0006	.0075	.023	.0004
%RSD	17.94	3.495	273.8	10.43	14.82	162.1	68.86	.3670	76.12
#1	.0043	.7044	-.0055	.0477	.0265	.0003	.0079	6.328	.0007
#2	.0032	.6583	-.0023	.0495	.0269	-.0005	.0053	6.322	.0001
#3	.0045	.6928	.0031	.0405	.0204	-.0009	.0193	6.286	.0007

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048**	**.0003**	**-.0010**	**-.0016**	**.4238**	**1.308**	**-.1369**	**1.599**	**.0067**
Stddev	.0247	.0011	.0012	.0044	.0122	.458	.0140	.079	.0002
%RSD	517.6	340.7	126.7	281.1	2.872	35.00	10.21	4.908	3.641
#1	-.0215	.0014	-.0005	.0008	.4331	.8155	-.1350	1.675	.0066
#2	.0276	-.0009	-.0000	-.0067	.4283	1.721	-.1517	1.603	.0070
#3	.0082	.0005	-.0023	.0012	.4100	1.389	-.1239	1.518	.0066

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023**	**21.67**	**-.0017**	**.0412**	**.0000**	**6.037**	**.0044**	**-.0098**	**3.540**
Stddev	.0005	.09	.0011	.0082	.0027	.022	.0093	.0129	.006
%RSD	23.47	.4372	64.49	19.92	37820.	.3707	211.4	132.4	.1614
#1	.0019	21.58	-.0016	.0321	-.0002	6.013	-.0012	-.0239	3.534
#2	.0029	21.66	-.0028	.0437	-.0026	6.039	-.0007	.0016	3.542
#3	.0021	21.77	-.0007	.0479	.0028	6.058	.0151	-.0071	3.545

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027**	**.0751**	**.0101**	**.0100**	**.0046**	**.0178**	**.0192**	**-.0164**
Stddev	.0029	.0007	.0011	.0057	.0012	.0041	.0002	.0014
%RSD	106.5	.9689	10.84	56.56	25.63	23.00	1.029	8.418
#1	-.0006	.0753	.0100	.0079	.0056	.0221	.0194	-.0148
#2	.0046	.0743	.0090	.0165	.0050	.0174	.0191	-.0174
#3	.0042	.0757	.0112	.0057	.0033	.0140	.0191	-.0169

Zoom In Zoom Out

Sample Name: mp52380-sd1 Acquired: 1/27/2025 21:16:29 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16373.**	**172060.**	**15287.**	**8158.5**
Stddev	24.	2581.	62.	14.8
%RSD	.14488	1.5003	.40388	.18137
#1	16385.	174920.	15221.	8161.7
#2	16388.	169890.	15296.	8171.5
#3	16345.	171370.	15343.	8142.4

Zoom In Zoom Out

Sample Name: je4562-1 Acquired: 1/27/2025 21:21:17 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0609**	**-.0010**	**.0089**	**-.0022**	**.0000**	**.0014**	**.1308**	**.0000**
Stddev	.0006	.0206	.0007	.0003	.0004	.0000	.0004	.0034	.0001
%RSD	90.90	33.85	75.24	3.107	17.23	281.9	31.75	2.586	34770.
#1	.0010	.0663	-.0010	.0087	-.0027	-.0000	.0009	.1346	-.0001
#2	-.0000	.0783	-.0017	.0088	-.0020	.0000	.0017	.1294	.0001
#3	.0008	.0381	-.0002	.0092	-.0020	.0001	.0016	.1283	.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0003**	**-.0001**	**.0030**	**.0124**	**-.0232**	**-.0226**	**.6197**	**.0003**
Stddev	.0025	.0001	.0001	.0008	.0037	.0379	.0010	.0145	.0000
%RSD	631.1	22.67	124.1	26.40	29.75	163.4	4.503	2.335	11.19
#1	.0023	.0004	-.0000	.0037	.0155	.0055	-.0236	.6199	.0002
#2	-.0028	.0004	-.0002	.0021	.0083	-.0090	-.0216	.6341	.0003
#3	-.0007	.0002	-.0001	.0032	.0134	-.0662	-.0227	.6051	.0002

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**5.560**	**.0047**	**.0033**	**-.0006**	**9.259**	**-.0001**	**.0038**	**.0670**
Stddev	.0001	.013	.0005	.0013	.0011	.006	.0018	.0023	.0006
%RSD	29.66	.2344	9.630	40.26	180.0	.0687	1222.	61.29	.9440
#1	.0004	5.546	.0053	.0039	-.0000	9.251	.0005	.0061	.0677
#2	.0003	5.572	.0045	.0018	-.0019	9.263	-.0022	.0014	.0670
#3	.0002	5.562	.0045	.0044	.0001	9.262	.0013	.0039	.0664

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0022**	**.0009**	**.0011**	**.0009**	**.0058**	**.0017**	**.0009**
Stddev	.0005	.0002	.0002	.0006	.0002	.0011	.0001	.0001
%RSD	189.7	9.464	17.24	55.69	27.25	19.44	6.719	10.03
#1	.0003	.0024	.0011	.0017	.0011	.0065	.0019	.0009
#2	-.0005	.0020	.0008	.0012	.0010	.0045	.0017	.0010
#3	-.0006	.0023	.0008	.0005	.0006	.0064	.0016	.0009

Zoom In Zoom Out

Sample Name: je4562-1 Acquired: 1/27/2025 21:21:17 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15988.**	**168830.**	**15312.**	**8091.5**
Stddev	17.	3202.	31.	3.4
%RSD	.10697	1.8967	.20246	.04207
#1	15993.	165140.	15282.	8091.6
#2	16002.	170630.	15344.	8094.9
#3	15969.	170730.	15309.	8088.1

Zoom In Zoom Out

Sample Name: je4562-2 Acquired: 1/27/2025 21:26:05 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0327**	**-.0001**	**.0083**	**-.0021**	**-.0000**	**.0014**	**.1250**	**.0002**
Stddev	.0004	.0079	.0016	.0007	.0001	.0001	.0020	.0024	.0001
%RSD	188.6	24.26	1382.	7.957	3.913	314.2	137.4	1.916	40.16
#1	-.0001	.0263	-.0004	.0083	-.0020	-.0001	.0037	.1277	.0001
#2	.0006	.0302	-.0015	.0090	-.0021	.0001	.0002	.1239	.0001
#3	.0001	.0416	.0016	.0077	-.0022	-.0000	.0004	.1234	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**.0002**	**-.0001**	**.0027**	**.0095**	**-.0857**	**-.0347**	**.3236**	**.0002**
Stddev	.0029	.0001	.0004	.0006	.0029	.0462	.0021	.0163	.0001
%RSD	176.6	73.15	297.8	21.63	30.90	53.93	5.912	5.026	33.11
#1	.0033	.0000	.0003	.0026	.0068	-.0568	-.0350	.3131	.0003
#2	.0032	.0003	-.0006	.0033	.0126	-.1390	-.0366	.3423	.0002
#3	-.0017	.0002	-.0001	.0021	.0092	-.0612	-.0325	.3154	.0002

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**2.971**	**.0053**	**.0021**	**.0004**	F **135.2**	**.0010**	**.0122**	**.0646**
Stddev	.0001	.037	.0002	.0003	.0001	.8	.0007	.0020	.0015
%RSD	26.56	1.262	4.329	15.77	19.77	.5586	74.55	16.41	2.366
#1	.0003	3.013	.0054	.0019	.0005	134.5	.0009	.0132	.0636
#2	.0003	2.940	.0054	.0024	.0003	136.0	.0003	.0099	.0663
#3	.0002	2.959	.0050	.0019	.0004	135.2	.0018	.0136	.0637

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0022**	**.0008**	**.0003**	**.0006**	**.0030**	**.0012**	**.0012**
Stddev	.0009	.0003	.0002	.0014	.0004	.0005	.0001	.0001
%RSD	182.8	12.45	24.17	538.9	75.86	16.15	4.802	8.232
#1	.0011	.0020	.0007	.0008	.0010	.0025	.0012	.0013
#2	.0009	.0020	.0011	-.0013	.0005	.0034	.0012	.0011
#3	-.0006	.0025	.0008	.0012	.0002	.0032	.0013	.0011

Zoom In Zoom Out

Sample Name: je4562-2 Acquired: 1/27/2025 21:26:05 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16149.**	**170930.**	**15085.**	**8053.8**
Stddev	88.	420.	114.	52.9
%RSD	.54596	.24588	.75678	.65649
#1	16214.	170510.	14955.	8102.1
#2	16049.	170930.	15171.	7997.3
#3	16184.	171360.	15128.	8061.9

Zoom In Zoom Out

Sample Name: je4570-12 Acquired: 1/27/2025 21:30:53 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**3.771**	**.0035**	**.0144**	**.9935**	**-.0000**	**.0044**	F **215.9**	**-.0025**
Stddev	.0006	.004	.0010	.0010	.0054	.0001	.0005	2.2	.0002
%RSD	147.3	.1012	27.40	6.605	.5432	587.6	10.91	1.003	8.120
#1	.0003	3.767	.0024	.0141	.9880	-.0001	.0047	213.5	-.0028
#2	-.0001	3.775	.0043	.0155	.9988	.0000	.0038	217.6	-.0024
#3	.0010	3.770	.0038	.0137	.9936	.0000	.0047	216.7	-.0025

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**-.0037**	**.0011**	**.0108**	**.1300**	**77.04**	**.2458**	**.0048**	**.0024**
Stddev	.0031	.0004	.0002	.0005	.0010	.35	.0012	.0127	.0000
%RSD	714.6	9.478	20.39	4.422	.8076	.4577	.5066	265.0	.8538
#1	-.0021	-.0040	.0013	.0105	.1311	76.66	.2450	.0183	.0024
#2	-.0004	-.0037	.0009	.0114	.1292	77.36	.2451	.0031	.0024
#3	.0039	-.0033	.0010	.0105	.1295	77.11	.2472	-.0070	.0024

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0238**	**70.18**	**.0026**	**.0085**	**-.0001**	**3.134**	**.0158**	**-.0054**	**1.579**
Stddev	.0002	.38	.0006	.0007	.0007	.008	.0007	.0049	.004
%RSD	.8033	.5413	22.01	8.607	811.0	.2481	4.159	92.12	.2390
#1	.0240	69.77	.0023	.0092	.0003	3.126	.0165	.0003	1.575
#2	.0236	70.52	.0023	.0078	.0003	3.142	.0155	-.0078	1.583
#3	.0238	70.25	.0033	.0086	-.0009	3.135	.0153	-.0086	1.580

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**2.335**	**.0002**	**-.0044**	**.0028**	**.0086**	**.0031**	**-.0078**
Stddev	.0007	.013	.0002	.0018	.0002	.0006	.0001	.0001
%RSD	646.5	.5442	115.5	41.80	7.829	7.338	2.420	1.427
#1	.0010	2.322	.0003	-.0058	.0029	.0086	.0032	-.0077
#2	-.0004	2.348	-.0000	-.0023	.0029	.0093	.0030	-.0079
#3	-.0002	2.334	.0001	-.0051	.0025	.0080	.0031	-.0078

Zoom In Zoom Out

Sample Name: je4570-12 Acquired: 1/27/2025 21:30:53 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14555.**	**158400.**	**14793.**	**7615.5**
Stddev	36.	129.	50.	18.0
%RSD	.24754	.08168	.34119	.23683
#1	14563.	158290.	14851.	7623.2
#2	14586.	158550.	14769.	7628.5
#3	14515.	158370.	14758.	7594.9

Zoom In Zoom Out

Sample Name: je4598-1f Acquired: 1/27/2025 21:35:48 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0519**	**-.0003**	**.3395**	**.1838**	**.0000**	**.0019**	**20.54**
Stddev	.0007	.0024	.0012	.0010	.0010	.0002	.0007	.06
%RSD	88.56	4.714	413.6	.3072	.5527	697.1	35.15	.2975
#1	.0008	.0515	-.0010	.3387	.1828	.0002	.0012	20.50
#2	.0016	.0497	.0011	.3392	.1839	-.0001	.0024	20.52
#3	.0001	.0545	-.0010	.3407	.1848	-.0001	.0022	20.61

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**-.0004**	**-.0015**	**.0004**	**.0006**	**.0159**	**.6318**	**-.0262**
Stddev	.0002	.0004	.0003	.0004	.0006	.0027	.0500	.0029
%RSD	53.13	98.79	22.78	116.2	100.5	17.31	7.913	11.15
#1	-.0002	-.0001	-.0012	-.0001	.0003	.0137	.5740	-.0268
#2	-.0006	-.0009	-.0019	.0005	.0002	.0149	.6596	-.0231
#3	-.0003	-.0003	-.0014	.0007	.0013	.0190	.6616	-.0289

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.496**	**.0031**	**.0006**	**52.99**	**.0009**	**.0117**	**-.0000**	**3.501**
Stddev	.029	.0001	.0003	.20	.0004	.0006	.0015	.003
%RSD	.8183	2.543	52.71	.3823	49.04	5.302	4822.	.0923
#1	3.524	.0031	.0009	52.86	.0012	.0121	-.0008	3.505
#2	3.467	.0032	.0004	52.89	.0004	.0119	.0017	3.499
#3	3.499	.0030	.0004	53.23	.0010	.0110	-.0010	3.501

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0033**	**-.0062**	**5.606**	**-.0001**	**.0965**	**.0009**	**-.0024**	**.0021**
Stddev	.0021	.0015	.003	.0007	.0001	.0004	.0000	.0002
%RSD	62.81	24.09	.0558	676.8	.0689	45.22	1.630	9.960
#1	.0043	-.0061	5.609	-.0006	.0965	.0014	-.0024	.0021
#2	.0009	-.0077	5.603	.0007	.0964	.0009	-.0023	.0023
#3	.0047	-.0048	5.607	-.0004	.0965	.0005	-.0024	.0019

Zoom In Zoom Out

Sample Name: je4598-1f Acquired: 1/27/2025 21:35:48 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0062**	**.0020**	F **-.0279**
Stddev	.0005	.0001	.0002
%RSD	8.503	5.239	.7527
#1	.0063	.0019	-.0278
#2	.0056	.0020	-.0281
#3	.0066	.0020	-.0277

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15610.**	**165800.**	**15092.**	**7955.5**
Stddev	9.	1247.	57.	5.2
%RSD	.05536	.75185	.37604	.06547
#1	15608.	164770.	15131.	7958.7
#2	15603.	165440.	15118.	7958.3
#3	15620.	167180.	15027.	7949.5

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 21:40:34 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2395**	**40.17**	**1.984**	**2.016**	**2.079**	**2.010**	**2.049**	**39.67**	**1.997**
Stddev	.0021	.01	.004	.004	.000	.002	.004	.02	.005
%RSD	.8628	.0337	.2272	.2215	.0147	.1071	.2058	.0433	.2704
#1	.2371	40.16	1.981	2.013	2.078	2.009	2.045	39.66	1.996
#2	.2406	40.16	1.989	2.021	2.079	2.013	2.053	39.69	2.003
#3	.2407	40.19	1.980	2.014	2.079	2.009	2.047	39.67	1.993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.009**	**2.104**	**1.883**	**2.117**	**39.68**	**41.83**	**2.101**	**39.96**	**2.008**
Stddev	.018	.004	.020	.024	.02	.04	.002	.02	.021
%RSD	.9148	.1641	1.070	1.151	.0479	.0981	.0953	.0463	1.042
#1	1.988	2.103	1.861	2.089	39.67	41.79	2.098	39.97	1.987
#2	2.019	2.107	1.900	2.135	39.71	41.84	2.101	39.97	2.028
#3	2.021	2.100	1.888	2.127	39.67	41.87	2.102	39.94	2.010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.958**	**40.66**	**2.097**	**2.006**	**2.100**	**2.060**	**2.010**	**2.006**	**5.166**
Stddev	.003	.03	.004	.003	.002	.005	.004	.006	.012
%RSD	.1495	.0789	.1802	.1655	.1085	.2347	.2150	.3027	.2359
#1	1.957	40.63	2.097	2.003	2.100	2.057	2.011	2.001	5.162
#2	1.961	40.66	2.101	2.010	2.102	2.066	2.015	2.013	5.180
#3	1.955	40.69	2.093	2.006	2.097	2.058	2.006	2.004	5.156
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 21:40:34 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.029**	**2.172**	**2.002**	**2.137**	**1.934**	**1.972**	**2.039**	**1.983**
Stddev	.004	.002	.022	.006	.019	.004	.004	.023
%RSD	.1814	.0954	1.095	.2698	.9707	.2294	.2226	1.143
#1	2.028	2.170	1.977	2.136	1.913	1.970	2.038	1.957
#2	2.033	2.173	2.016	2.143	1.948	1.977	2.044	1.999
#3	2.026	2.174	2.012	2.132	1.940	1.968	2.036	1.993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14981.**	**162340.**	**14738.**	**7742.0**
Stddev	17.	1823.	41.	11.6
%RSD	.11395	1.1231	.27500	.14962
#1	14975.	164250.	14782.	7739.8
#2	14969.	160620.	14730.	7731.6
#3	15001.	162140.	14703.	7754.5

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 21:45:26 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0354**	**-.0007**	**.0040**	**-.0026**	**.0001**	**.0006**	**.0078**	**.0001**
Stddev	.0003	.0092	.0012	.0009	.0003	.0001	.0008	.0006	.0002
%RSD	78.15	26.12	160.9	23.03	12.33	93.41	130.3	7.265	187.5
#1	.0008	.0274	.0006	.0050	-.0024	.0002	-.0003	.0081	.0003
#2	.0001	.0455	-.0014	.0037	-.0024	.0001	.0014	.0082	.0002
#3	.0004	.0333	-.0014	.0032	-.0029	.0000	.0008	.0072	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0040**	**-.0002**	**-.0001**	**-.0012**	**.0070**	**-.2103**	**-.0296**	**-.0093**	**.0001**
Stddev	.0032	.0004	.0002	.0004	.0027	.0654	.0005	.0167	.0000
%RSD	80.49	196.7	298.4	36.90	38.66	31.10	1.790	179.2	53.64
#1	.0037	-.0002	.0001	-.0007	.0073	-.2075	-.0292	-.0065	.0001
#2	.0009	-.0006	-.0003	-.0015	.0095	-.1464	-.0302	-.0273	.0000
#3	.0073	.0002	-.0001	-.0014	.0042	-.2771	-.0295	.0058	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**.0598**	**-.0002**	**.0007**	**-.0007**	**-.0070**	**.0002**	**-.0014**	**.0040**
Stddev	.0002	.0263	.0003	.0009	.0009	.0017	.0036	.0020	.0013
%RSD	17.84	44.06	172.9	118.5	118.4	24.28	1733.	145.3	31.50
#1	.0012	.0304	-.0004	.0015	-.0006	-.0057	.0043	.0009	.0037
#2	.0009	.0813	.0002	.0008	-.0017	-.0064	-.0019	-.0021	.0029
#3	.0009	.0677	-.0004	-.0002	.0001	-.0089	-.0018	-.0029	.0054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 21:45:26 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0004**	**.0007**	**-.0003**	**.0007**	**.0038**	**-.0003**	**.0003**
Stddev	.0005	.0002	.0002	.0007	.0003	.0009	.0001	.0004
%RSD	233.8	51.38	27.41	257.9	49.08	24.46	29.54	107.6
#1	.0002	.0002	.0008	-.0002	.0005	.0048	-.0003	.0002
#2	.0007	.0006	.0005	-.0011	.0005	.0033	-.0002	.0008
#3	-.0003	.0003	.0009	.0004	.0011	.0032	-.0003	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16105.**	**171830.**	**15123.**	**8007.6**
Stddev	92.	4735.	40.	59.8
%RSD	.57016	2.7557	.26475	.74671
#1	16210.	171090.	15163.	8076.5
#2	16040.	176890.	15124.	7969.6
#3	16065.	167510.	15083.	7976.7

Zoom In Zoom Out

Sample Name: je4598-2f Acquired: 1/27/2025 21:50:16 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017**	**.0446**	**.0005**	**.4807**	**1.256**	**-.0001**	**.0020**	**151.4**
Stddev	.0005	.0109	.0012	.0014	.002	.0001	.0025	.2
%RSD	29.04	24.43	257.2	.2929	.1639	189.5	123.3	.1491
#1	.0011	.0488	.0014	.4822	1.254	-.0001	.0030	151.6
#2	.0021	.0322	-.0009	.4794	1.258	.0001	-.0008	151.2
#3	.0019	.0527	.0010	.4804	1.256	-.0002	.0039	151.5

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0017**	**.0082**	**-.0031**	**.0002**	**.0001**	**.0459**	**2.176**	**-.0302**
Stddev	.0002	.0019	.0001	.0003	.0005	.0043	.056	.0047
%RSD	14.79	23.52	2.156	126.9	857.8	9.412	2.581	15.65
#1	-.0017	.0092	-.0030	.0003	-.0002	.0453	2.117	-.0292
#2	-.0019	.0060	-.0031	.0005	.0006	.0419	2.228	-.0353
#3	-.0014	.0094	-.0031	-.0001	-.0002	.0504	2.183	-.0260

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**26.94**	**.0273**	**.0001**	**142.0**	**.0193**	**.0043**	**-.0010**	**11.75**
Stddev	.07	.0003	.0002	.1	.0001	.0008	.0002	.02
%RSD	.2650	.9320	153.9	.0513	.5234	17.80	16.97	.1864
#1	26.94	.0275	-.0001	142.0	.0194	.0036	-.0009	11.78
#2	26.86	.0270	.0003	141.9	.0194	.0042	-.0009	11.73
#3	27.01	.0273	.0002	142.1	.0192	.0051	-.0012	11.75

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0118**	F **-.0109**	**7.904**	**-.0008**	**.6697**	**.0005**	**-.0045**	**.0009**
Stddev	.0016	.0013	.003	.0007	.0013	.0003	.0014	.0001
%RSD	13.63	12.06	.0427	79.42	.1946	68.18	29.98	13.65
#1	.0131	-.0108	7.908	-.0002	.6682	.0009	-.0030	.0009
#2	.0100	-.0122	7.902	-.0015	.6701	.0004	-.0050	.0008
#3	.0122	-.0096	7.902	-.0008	.6707	.0002	-.0056	.0011

Zoom In Zoom Out

Sample Name: je4598-2f Acquired: 1/27/2025 21:50:16 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0051**	**.0012**	F **-.0394**
Stddev	.0013	.0002	.0002
%RSD	24.92	13.06	.4528
#1	.0036	.0010	-.0395
#2	.0060	.0013	-.0392
#3	.0056	.0012	-.0394

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14631.**	**158060.**	**14746.**	**7610.6**
Stddev	40.	1003.	48.	21.5
%RSD	.27231	.63447	.32645	.28240
#1	14676.	157220.	14791.	7634.9
#2	14604.	159170.	14753.	7594.1
#3	14612.	157780.	14696.	7602.8

Zoom In Zoom Out

Sample Name: je4598-3f Acquired: 1/27/2025 21:55:01 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**.0421**	**-.0006**	**.1715**	**.3628**	**.0001**	**.0031**	**80.75**
Stddev	.0004	.0232	.0007	.0020	.0015	.0001	.0006	.37
%RSD	29.09	55.03	127.1	1.147	.4057	111.5	20.89	.4600
#1	.0014	.0651	-.0003	.1721	.3644	.0002	.0029	81.10
#2	.0015	.0187	-.0000	.1693	.3628	.0001	.0038	80.78
#3	.0008	.0425	-.0014	.1730	.3614	-.0000	.0025	80.36

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0068**	**-.0036**	**.0014**	**-.0000**	**.0026**	**3.761**	**-.0231**
Stddev	.0001	.0014	.0001	.0003	.0006	.0034	.081	.0017
%RSD	9.750	21.25	3.359	21.46	3540.	128.3	2.156	7.233
#1	-.0011	.0052	-.0037	.0017	.0006	.0062	3.831	-.0249
#2	-.0012	.0081	-.0036	.0012	-.0001	.0021	3.780	-.0229
#3	-.0010	.0071	-.0035	.0012	-.0006	-.0005	3.672	-.0215

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.41**	**.1233**	**.0012**	**34.40**	**.0005**	**.0177**	**-.0020**	**4.519**
Stddev	.10	.0029	.0002	.14	.0005	.0020	.0007	.036
%RSD	.6200	2.336	15.34	.4125	96.11	11.12	37.54	.7900
#1	15.50	.1251	.0014	34.54	.0010	.0199	-.0012	4.532
#2	15.42	.1249	.0012	34.40	.0004	.0171	-.0027	4.479
#3	15.31	.1200	.0011	34.26	.0001	.0161	-.0021	4.546

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0100**	**-.0086**	**8.567**	**-.0007**	**.3532**	**.0002**	**-.0027**	**.0031**
Stddev	.0009	.0015	.077	.0003	.0028	.0005	.0004	.0003
%RSD	8.605	17.14	.8955	41.98	.7854	253.7	13.06	9.282
#1	.0109	-.0071	8.586	-.0008	.3562	.0005	-.0030	.0030
#2	.0092	-.0089	8.483	-.0009	.3525	-.0004	-.0023	.0029
#3	.0100	-.0100	8.633	-.0004	.3507	.0005	-.0027	.0034

Zoom In Zoom Out

Sample Name: je4598-3f Acquired: 1/27/2025 21:55:01 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0042**	**.0022**	F **-.0427**
Stddev	.0010	.0001	.0002
%RSD	23.10	6.721	.5507
#1	.0034	.0022	-.0428
#2	.0039	.0020	-.0425
#3	.0053	.0023	-.0429

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15237.**	**164940.**	**14914.**	**7782.3**
Stddev	93.	2990.	130.	53.3
%RSD	.61295	1.8128	.86944	.68514
#1	15215.	163230.	14785.	7771.4
#2	15340.	163180.	14914.	7840.2
#3	15157.	168390.	15044.	7735.2

Zoom In Zoom Out

Sample Name: je4629-1 Acquired: 1/27/2025 21:59:46 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0395**	**-.0005**	**.0073**	**-.0014**	**-.0001**	**.0010**	**.1365**	**.0000**
Stddev	.0004	.0063	.0004	.0010	.0011	.0002	.0003	.0043	.0001
%RSD	87.62	15.89	98.19	14.00	83.17	190.7	30.91	3.122	253.4
#1	.0006	.0362	-.0006	.0065	-.0025	.0001	.0014	.1319	-.0001
#2	.0000	.0468	-.0008	.0068	-.0015	-.0002	.0008	.1372	.0001
#3	.0008	.0356	.0000	.0084	-.0002	-.0002	.0010	.1404	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0003**	**.0004**	**.0027**	**.0313**	**.0689**	**-.0228**	**.0495**	**.0017**
Stddev	.0025	.0002	.0001	.0007	.0015	.0871	.0056	.0143	.0001
%RSD	828.0	47.46	31.82	24.84	4.719	126.4	24.65	28.85	5.151
#1	-.0011	.0005	.0003	.0024	.0313	-.0316	-.0240	.0338	.0016
#2	-.0022	.0002	.0003	.0022	.0298	.1154	-.0278	.0617	.0017
#3	.0025	.0004	.0005	.0034	.0327	.1230	-.0167	.0529	.0017

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029**	**1.719**	**.0005**	**.0406**	**-.0007**	**.3604**	**.0011**	**-.0008**	**.3732**
Stddev	.0001	.014	.0003	.0004	.0004	.0012	.0012	.0020	.0006
%RSD	3.106	.8361	60.02	1.050	50.85	.3389	109.7	252.4	.1636
#1	.0030	1.703	.0005	.0402	-.0006	.3605	.0025	.0012	.3736
#2	.0029	1.724	.0007	.0405	-.0011	.3616	.0006	-.0007	.3735
#3	.0028	1.730	.0002	.0411	-.0004	.3591	.0002	-.0029	.3725

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0014**	**.0014**	**.0002**	**.0005**	**.0041**	**.0052**	**-.0019**
Stddev	.0003	.0001	.0008	.0009	.0003	.0007	.0001	.0000
%RSD	356.6	10.41	57.29	458.7	51.90	16.44	2.748	1.697
#1	.0003	.0016	.0005	-.0005	.0008	.0049	.0053	-.0019
#2	-.0004	.0013	.0015	-.0001	.0003	.0036	.0050	-.0020
#3	-.0001	.0014	.0021	.0012	.0005	.0039	.0052	-.0019

Zoom In Zoom Out

Sample Name: je4629-1 Acquired: 1/27/2025 21:59:46 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16114.**	**168710.**	**14953.**	**8005.3**
Stddev	11.	5403.	28.	1.1
%RSD	.07124	3.2026	.18634	.01397
#1	16110.	174160.	14944.	8004.7
#2	16127.	163350.	14984.	8004.7
#3	16106.	168630.	14931.	8006.6

Zoom In Zoom Out

Sample Name: je4629-3 Acquired: 1/27/2025 22:04:34 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**.2256**	**-.0006**	**.0341**	**.2069**	**.0002**	**.0021**	**4.045**
Stddev	.0006	.0092	.0005	.0001	.0051	.0001	.0006	.106
%RSD	62.87	4.062	78.43	.3465	2.469	41.01	29.00	2.617
#1	.0006	.2266	-.0009	.0342	.2011	.0001	.0025	3.928
#2	.0017	.2159	-.0009	.0340	.2104	.0002	.0023	4.133
#3	.0006	.2342	-.0001	.0340	.2093	.0003	.0014	4.076

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0004**	**-.0002**	**.0006**	**.0015**	**.0645**	**2.408**	**-.0253**
Stddev	.0000	.0022	.0001	.0003	.0006	.0016	.081	.0025
%RSD	4.392	632.4	56.09	40.81	38.57	2.435	3.370	9.906
#1	.0002	.0013	-.0001	.0009	.0015	.0662	2.331	-.0274
#2	.0002	.0006	-.0003	.0006	.0010	.0644	2.493	-.0225
#3	.0002	-.0029	-.0003	.0004	.0022	.0630	2.402	-.0259

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.074**	**.0100**	**.0000**	**18.11**	**.0041**	**.0058**	**.0007**	**2.305**
Stddev	.077	.0000	.0000	.44	.0003	.0014	.0007	.002
%RSD	2.496	.4274	47.99	2.418	8.069	23.76	96.16	.1049
#1	2.991	.0100	.0000	17.61	.0037	.0061	.0012	2.304
#2	3.142	.0100	.0001	18.44	.0042	.0071	.0009	2.303
#3	3.089	.0101	.0000	18.26	.0044	.0044	-.0001	2.308

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**-.0016**	**3.718**	**.0002**	**.0442**	**.0023**	**.0021**	**.0008**
Stddev	.0010	.0022	.005	.0005	.0011	.0006	.0013	.0003
%RSD	72.05	138.2	.1343	289.4	2.499	27.70	64.66	43.29
#1	.0020	-.0014	3.718	-.0004	.0430	.0024	.0029	.0004
#2	.0018	-.0038	3.712	.0003	.0451	.0016	.0005	.0010
#3	.0002	.0005	3.722	.0007	.0447	.0029	.0027	.0009

Zoom In Zoom Out

Sample Name: je4629-3 Acquired: 1/27/2025 22:04:34 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0039**	**.0088**	F **-.0184**
Stddev	.0014	.0001	.0002
%RSD	35.70	.9642	1.091
#1	.0056	.0088	-.0182
#2	.0031	.0088	-.0186
#3	.0032	.0087	-.0185

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15796.**	**166910.**	**15033.**	**7941.2**
Stddev	18.	191.	313.	17.1
%RSD	.11524	.11428	2.0850	.21480
#1	15801.	167070.	15384.	7941.5
#2	15811.	166700.	14782.	7958.1
#3	15776.	166950.	14933.	7924.0

Zoom In Zoom Out

Sample Name: je4629-4 Acquired: 1/27/2025 22:09:19 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.2297**	**-.0018**	**.0336**	**.2086**	**.0001**	**.0013**	**4.073**
Stddev	.0001	.0116	.0019	.0003	.0004	.0001	.0029	.005
%RSD	15.02	5.056	107.0	.7957	.1810	91.21	220.8	.1303
#1	.0007	.2251	-.0031	.0337	.2088	.0000	.0033	4.068
#2	.0005	.2430	.0004	.0333	.2082	.0001	.0026	4.078
#3	.0005	.2211	-.0027	.0338	.2088	.0002	-.0020	4.075

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0023**	**.0001**	**.0005**	**.0018**	**.0731**	**2.304**	**-.0268**
Stddev	.0001	.0028	.0002	.0001	.0001	.0033	.038	.0037
%RSD	159.6	122.4	131.2	29.52	6.790	4.523	1.659	13.84
#1	.0001	.0000	.0002	.0003	.0016	.0693	2.261	-.0255
#2	.0001	.0054	-.0001	.0006	.0018	.0751	2.316	-.0309
#3	-.0000	.0014	.0003	.0006	.0018	.0750	2.334	-.0239

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.122**	**.0101**	**.0003**	**18.29**	**.0038**	**.0061**	**-.0004**	**2.315**
Stddev	.011	.0000	.0002	.01	.0004	.0010	.0018	.004
%RSD	.3433	.3733	47.49	.0420	10.81	16.19	491.3	.1880
#1	3.132	.0100	.0004	18.30	.0041	.0057	.0007	2.316
#2	3.111	.0101	.0002	18.28	.0040	.0072	.0007	2.319
#3	3.125	.0101	.0005	18.29	.0033	.0054	-.0024	2.310

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020**	**-.0028**	**3.735**	**.0002**	**.0447**	**.0021**	**.0012**	**.0009**
Stddev	.0024	.0012	.002	.0001	.0004	.0004	.0000	.0002
%RSD	118.4	42.46	.0631	35.96	1.005	19.34	2.252	28.28
#1	.0004	-.0020	3.735	.0002	.0450	.0024	.0012	.0006
#2	.0048	-.0042	3.737	.0001	.0442	.0016	.0012	.0010
#3	.0009	-.0023	3.733	.0002	.0449	.0022	.0012	.0010

Zoom In Zoom Out

Sample Name: je4629-4 Acquired: 1/27/2025 22:09:19 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0027**	**.0090**	F **-.0185**
Stddev	.0004	.0001	.0001
%RSD	14.58	1.060	.4257
#1	.0029	.0091	-.0185
#2	.0022	.0089	-.0185
#3	.0028	.0091	-.0184

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15800.**	**167710.**	**14983.**	**7929.3**
Stddev	21.	286.	18.	15.5
%RSD	.13308	.17060	.11703	.19486
#1	15775.	167430.	14986.	7911.4
#2	15813.	168000.	14964.	7939.0
#3	15810.	167690.	14999.	7937.3

Zoom In Zoom Out

Sample Name: je4629-5 Acquired: 1/27/2025 22:14:05 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**.2644**	**-.0005**	**.0351**	**.2049**	**.0003**	**.0014**	**4.320**
Stddev	.0007	.0103	.0007	.0004	.0013	.0000	.0010	.008
%RSD	61.43	3.894	138.5	1.281	.6223	14.50	70.46	.1806
#1	.0010	.2665	-.0008	.0356	.2060	.0002	.0003	4.327
#2	.0017	.2735	-.0010	.0347	.2035	.0003	.0023	4.311
#3	.0004	.2533	.0003	.0349	.2051	.0003	.0017	4.321

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0013**	**.0000**	**.0006**	**.0012**	**.0629**	**2.340**	**-.0266**
Stddev	.0001	.0021	.0002	.0005	.0005	.0017	.083	.0025
%RSD	77.43	169.2	607.2	78.48	38.34	2.720	3.545	9.565
#1	-.0001	.0029	.0003	.0004	.0017	.0648	2.374	-.0249
#2	-.0001	.0020	.0000	.0003	.0008	.0616	2.246	-.0253
#3	-.0003	-.0011	-.0002	.0011	.0010	.0622	2.401	-.0295

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.979**	**.0031**	**.0001**	**19.64**	**.0027**	**.0068**	**-.0001**	**2.580**
Stddev	.037	.0001	.0002	.02	.0002	.0006	.0009	.030
%RSD	1.259	3.553	170.2	.1085	6.750	9.490	910.7	1.153
#1	3.019	.0031	-.0001	19.66	.0027	.0075	-.0006	2.597
#2	2.945	.0030	.0001	19.63	.0025	.0069	.0009	2.597
#3	2.972	.0032	.0003	19.62	.0029	.0062	-.0006	2.545

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**-.0034**	**3.436**	**-.0004**	**.0402**	**.0016**	**.0002**	**.0010**
Stddev	.0012	.0017	.036	.0004	.0002	.0006	.0012	.0005
%RSD	8521.	48.92	1.060	102.7	.4491	34.01	606.0	48.56
#1	.0011	-.0053	3.455	-.0001	.0403	.0021	.0011	.0008
#2	-.0012	-.0020	3.459	-.0008	.0400	.0010	.0007	.0016
#3	.0001	-.0030	3.394	-.0003	.0404	.0018	-.0011	.0007

Zoom In Zoom Out

Sample Name: je4629-5 Acquired: 1/27/2025 22:14:05 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0037**	**.0073**	F **-.0171**
Stddev	.0010	.0001	.0005
%RSD	26.46	1.488	2.672
#1	.0046	.0072	-.0177
#2	.0027	.0074	-.0169
#3	.0038	.0072	-.0169

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15878.**	**166250.**	**15003.**	**7983.4**
Stddev	111.	4800.	38.	65.6
%RSD	.70082	2.8874	.25425	.82110
#1	15805.	167090.	14963.	7943.8
#2	15822.	170570.	15039.	7947.2
#3	16006.	161080.	15007.	8059.0

Zoom In Zoom Out

Sample Name: je4629-6 Acquired: 1/27/2025 22:18:50 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.2090**	**-.0001**	**.0326**	**.1960**	**.0001**	**.0011**	**4.150**
Stddev	.0004	.0111	.0006	.0002	.0037	.0000	.0013	.072
%RSD	44.92	5.298	741.3	.7063	1.910	53.37	121.6	1.739
#1	.0013	.1985	-.0005	.0328	.1986	.0000	.0024	4.190
#2	.0005	.2206	-.0003	.0327	.1977	.0001	.0009	4.194
#3	.0009	.2078	.0006	.0323	.1917	.0001	-.0001	4.067

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0001**	**-.0004**	**.0002**	**.0052**	**.0262**	**2.377**	**-.0286**
Stddev	.0004	.0034	.0003	.0004	.0004	.0042	.093	.0031
%RSD	364.3	4036.	64.61	223.6	7.990	15.90	3.925	10.91
#1	.0004	.0040	-.0001	-.0001	.0048	.0218	2.465	-.0290
#2	.0002	-.0013	-.0005	-.0000	.0053	.0267	2.387	-.0252
#3	-.0003	-.0024	-.0006	.0006	.0056	.0301	2.279	-.0314

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.796**	**.0044**	**.0003**	**17.72**	**.0024**	**.0045**	**-.0007**	**2.632**
Stddev	.052	.0001	.0002	.25	.0003	.0004	.0007	.006
%RSD	1.865	1.176	74.56	1.429	10.70	8.965	100.0	.2197
#1	2.837	.0044	.0005	17.84	.0024	.0046	-.0012	2.637
#2	2.814	.0044	.0001	17.89	.0021	.0041	.0001	2.626
#3	2.738	.0043	.0004	17.43	.0026	.0049	-.0010	2.635

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**-.0026**	**3.289**	**.0002**	**.0381**	**.0010**	**.0014**	**.0005**
Stddev	.0020	.0016	.005	.0004	.0006	.0001	.0007	.0002
%RSD	131.0	62.58	.1618	202.9	1.623	9.169	48.80	48.68
#1	.0016	-.0007	3.287	-.0002	.0385	.0009	.0022	.0006
#2	.0035	-.0037	3.285	.0006	.0383	.0010	.0012	.0002
#3	-.0005	-.0034	3.295	.0002	.0374	.0010	.0008	.0006

Zoom In Zoom Out

Sample Name: je4629-6 Acquired: 1/27/2025 22:18:50 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0025**	**.0059**	F **-.0165**
Stddev	.0009	.0001	.0001
%RSD	35.19	1.856	.3436
#1	.0018	.0060	-.0165
#2	.0035	.0059	-.0166
#3	.0022	.0058	-.0165

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15811.**	**167310.**	**15135.**	**7931.7**
Stddev	20.	625.	186.	14.1
%RSD	.12417	.37371	1.2274	.17744
#1	15832.	166720.	14978.	7946.7
#2	15793.	167230.	15087.	7918.7
#3	15807.	167960.	15340.	7929.7

Zoom In Zoom Out

Sample Name: je4646-6 Acquired: 1/27/2025 22:23:35 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0425**	**-.0007**	**.0022**	**-.0031**	**-.0000**	**.0006**	**.0353**	**.0000**
Stddev	.0004	.0166	.0012	.0006	.0003	.0002	.0015	.0012	.0001
%RSD	581.2	39.06	156.2	26.11	8.982	702.7	240.1	3.392	254.8
#1	-.0005	.0444	-.0021	.0025	-.0032	.0001	.0015	.0356	.0001
#2	.0002	.0581	-.0001	.0015	-.0032	.0001	-.0011	.0363	.0001
#3	.0000	.0250	-.0000	.0025	-.0027	-.0002	.0015	.0340	-.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025**	**-.0001**	**-.0000**	**-.0016**	**.0050**	**-.4629**	**-.0241**	**.0009**	**.0002**
Stddev	.0055	.0002	.0002	.0007	.0027	.1078	.0058	.0057	.0000
%RSD	223.0	198.5	664.4	43.95	55.13	23.28	24.21	644.7	18.74
#1	.0054	-.0000	.0002	-.0019	.0079	-.5750	-.0176	.0061	.0002
#2	.0058	.0001	-.0000	-.0020	.0026	-.4539	-.0288	-.0052	.0002
#3	-.0039	-.0003	-.0003	-.0008	.0043	-.3600	-.0259	.0017	.0002

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0052**	**-.0002**	**.0051**	**.0001**	**-.0041**	**-.0002**	**-.0006**	**.0068**
Stddev	.0004	.0426	.0004	.0008	.0014	.0025	.0014	.0021	.0010
%RSD	274.8	818.4	187.9	14.61	2028.	60.49	640.3	380.1	14.29
#1	.0002	-.0222	.0002	.0043	-.0012	-.0018	-.0016	.0001	.0057
#2	-.0003	-.0164	-.0003	.0058	-.0002	-.0067	-.0000	-.0029	.0071
#3	.0004	.0543	-.0006	.0053	.0016	-.0038	.0011	.0012	.0075

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0007**	**.0005**	**.0001**	**.0007**	**.0036**	**.0007**	**.0002**
Stddev	.0006	.0002	.0005	.0017	.0001	.0008	.0002	.0001
%RSD	241.1	25.13	100.2	1357.	10.31	21.28	29.97	71.77
#1	-.0009	.0007	.0002	-.0003	.0007	.0042	.0009	.0000
#2	.0002	.0009	.0011	.0020	.0007	.0038	.0005	.0002
#3	-.0001	.0006	.0002	-.0013	.0006	.0027	.0006	.0003

Zoom In Zoom Out

Sample Name: je4646-6 Acquired: 1/27/2025 22:23:35 Type: Unk
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16180.**	**168000.**	**15085.**	**8031.6**
Stddev	204.	2051.	21.	122.5
%RSD	1.2609	1.2208	.13926	1.5250
#1	16096.	165700.	15082.	7991.4
#2	16412.	169640.	15065.	8169.1
#3	16032.	168660.	15107.	7934.2

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 22:28:27 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2442**	**40.34**	**1.996**	**2.029**	**2.104**	**2.029**	**2.057**	**39.64**	**2.003**
Stddev	.0023	.03	.023	.022	.002	.003	.025	.02	.025
%RSD	.9501	.0674	1.156	1.064	.1051	.1252	1.210	.0465	1.222
#1	.2418	40.32	1.985	2.017	2.102	2.026	2.046	39.62	1.990
#2	.2464	40.33	2.022	2.054	2.104	2.030	2.086	39.66	2.031
#3	.2444	40.37	1.980	2.016	2.107	2.030	2.040	39.63	1.987
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.042**	**2.110**	**1.905**	**2.135**	**39.71**	**41.74**	**2.104**	**39.96**	**2.044**
Stddev	.026	.019	.024	.030	.03	.07	.002	.04	.051
%RSD	1.290	.8969	1.279	1.402	.0792	.1585	.1076	.0942	2.491
#1	2.017	2.097	1.880	2.109	39.70	41.78	2.105	39.92	1.997
#2	2.070	2.131	1.929	2.168	39.75	41.77	2.106	39.97	2.098
#3	2.040	2.101	1.904	2.129	39.68	41.66	2.102	39.99	2.036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.970**	**40.90**	**2.108**	**2.014**	**2.107**	**2.065**	**2.017**	**2.019**	**5.172**
Stddev	.024	.03	.019	.024	.019	.024	.025	.022	.065
%RSD	1.210	.0836	.8905	1.197	.9098	1.167	1.239	1.077	1.252
#1	1.958	40.87	2.097	2.001	2.095	2.053	2.010	2.009	5.142
#2	1.997	40.94	2.129	2.042	2.129	2.092	2.045	2.044	5.247
#3	1.954	40.90	2.096	1.998	2.098	2.049	1.996	2.005	5.128
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/27/2025 22:28:27 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.033**	**2.194**	**2.037**	**2.150**	**1.964**	**1.983**	**2.049**	**2.022**
Stddev	.025	.004	.024	.018	.025	.023	.024	.023
%RSD	1.257	.1888	1.183	.8169	1.281	1.154	1.175	1.122
#1	2.021	2.190	2.014	2.141	1.940	1.972	2.037	2.001
#2	2.062	2.195	2.062	2.170	1.990	2.009	2.077	2.046
#3	2.015	2.198	2.035	2.138	1.963	1.968	2.033	2.019
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14977.**	**161150.**	**14832.**	**7715.2**
Stddev	119.	2005.	49.	83.9
%RSD	.79281	1.2440	.33215	1.0878
#1	15028.	163020.	14790.	7745.1
#2	14841.	159040.	14886.	7620.5
#3	15062.	161400.	14819.	7780.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 22:33:21 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0468**	**-.0010**	**.0044**	**-.0020**	**-.0000**	**-.0009**	**.0051**	**.0001**
Stddev	.0001	.0175	.0008	.0004	.0006	.0001	.0028	.0008	.0002
%RSD	24.84	37.40	81.88	8.944	27.79	360.4	312.7	16.04	368.5
#1	.0004	.0517	-.0011	.0044	-.0018	-.0001	.0006	.0058	.0002
#2	.0007	.0274	-.0018	.0040	-.0027	-.0002	.0008	.0042	-.0002
#3	.0005	.0614	-.0001	.0048	-.0016	.0001	-.0041	.0054	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017**	**.0003**	**-.0001**	**-.0013**	**.0070**	**-.3165**	**-.0253**	**-.0040**	**.0001**
Stddev	.0023	.0003	.0002	.0004	.0058	.0770	.0014	.0188	.0001
%RSD	132.1	115.7	170.9	35.15	82.31	24.32	5.600	472.3	125.5
#1	.0009	.0004	-.0001	-.0016	.0111	-.2768	-.0238	.0178	.0000
#2	.0043	.0005	.0001	-.0015	.0004	-.2675	-.0257	-.0147	.0000
#3	-.0000	-.0001	-.0003	-.0008	.0095	-.4052	-.0266	-.0150	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0196**	**-.0001**	**.0009**	**-.0002**	**-.0096**	**-.0000**	**-.0020**	**.0035**
Stddev	.0001	.0341	.0001	.0018	.0003	.0005	.0016	.0009	.0013
%RSD	22.77	173.8	85.63	198.1	192.1	5.490	5030.	43.15	37.19
#1	.0004	-.0079	-.0001	.0006	.0001	-.0100	.0009	-.0010	.0032
#2	.0006	.0090	-.0000	.0027	-.0001	-.0090	.0008	-.0023	.0049
#3	.0007	.0578	-.0002	-.0007	-.0005	-.0098	-.0019	-.0026	.0024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/27/2025 22:33:21 Type: QC
Method: SGS No Vlave3(v90) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0001**	**.0007**	**.0015**	**.0005**	**.0027**	**-.0002**	**.0003**
Stddev	.0004	.0004	.0006	.0016	.0002	.0006	.0001	.0003
%RSD	210.4	393.3	88.24	104.3	44.45	20.91	66.28	126.3
#1	-.0003	.0003	.0008	.0022	.0003	.0021	-.0000	.0003
#2	.0004	.0003	.0013	.0026	.0007	.0032	-.0003	-.0001
#3	.0004	-.0003	.0001	-.0003	.0004	.0028	-.0003	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16246.**	**169610.**	**15107.**	**8044.1**
Stddev	139.	688.	19.	84.6
%RSD	.85303	.40544	.12860	1.0514
#1	16392.	170400.	15086.	8132.6
#2	16116.	169290.	15109.	7964.0
#3	16230.	169150.	15125.	8035.8

NOTE: The remaining raw data for this batch is not relevant to this job. As such it has been omitted.

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
	Ag 328.068 {103}	☒	20	Mn	0.000231	0.000000	No
				Mo	0.000034	0.000000	No
				Ti	0.000020	0.000000	No
				Fe	0.000005	0.000000	No
				V	-0.001660	0.000000	No
				Zn	0.000020	0.000000	No
				Ca	0.000001	0.000000	No
				Al	-0.000001	0.000000	No
				Ba	0.000005	0.000000	No
				Cr	0.000036	0.000000	No
				Si	-0.000120	0.000000	No
				Zr	0.007074	0.000000	No
				W	0.000162	0.000000	No
				Sn	0.000000	0.000000	No
				Ni	-0.000360	0.000000	No
				Ce	-0.006515	0.000000	No
				Mg	-0.000000	0.000000	No
				Co	0.000060	0.000000	No
				As	0.000080	0.000000	No
				Cu	-0.000089	0.000000	No
	Al 396.152 { 85}	☒	8	Si	0.000378	0.000000	No
				Ca	0.000191	0.000000	No
				Mo	0.050760	0.000000	No
				Zr	0.016358	0.000000	No
				Ti	-0.000017	0.000000	No
				Ce	0.007470	0.000000	No
				Fe	0.000298	0.000000	No
				Cr	0.002100	0.000000	No
	As 189.042 {478}	☒	24	Al	0.000013	0.000000	No
				Fe	-0.000102	0.000000	No
				Ca	-0.000010	0.000000	No
				Mn	0.000001	0.000000	No
				Mo	0.002240	0.000000	No
				Cr	0.000680	0.000000	No
				V	0.000070	0.000000	No
				Co	0.000051	0.000000	No
				Sn	-0.000085	0.000000	No
				Cd	-0.000065	0.000000	No
				Tl	0.000000	0.000000	No
				Si	0.000050	0.000000	No
				Zn	-0.000052	0.000000	No
				Sr	-0.000090	0.000000	No
				Zr	0.000048	0.000000	No
				Ti	-0.000076	0.000000	No
				Cu	0.000390	0.000000	No
				Ag	0.000300	0.000000	No
				Mg	-0.000001	0.000000	No
				W	0.002180	0.000000	No
				S	-0.000000	0.000000	No
				B	0.000191	0.000000	No
				Ce	-0.000380	0.000000	No
				Se	0.000220	0.000000	No
	B 208.959 {462}	☒	10	Mo	0.054689	0.000000	No
				W	0.002650	0.000000	No
				Sn	-0.000026	0.000000	No
				Fe	0.000001	0.000000	No
				Al	0.000007	0.000000	No
				Ca	0.000068	0.000000	No
				Mg	0.000001	0.000000	No
				V	0.001150	0.000000	No
				Ba	0.001204	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Be	0.000718	0.000000	No
Ba 455.403 { 74}	☒	2	Zr	0.001690	0.000000	No
			Al	0.000013	0.000000	No
Be 313.042 {108}	☒	13	V	0.000090	0.000000	No
			Mo	-0.000071	0.000000	No
			Ti	-0.000130	0.000000	No
			Mn	-0.000015	0.000000	No
			Cu	-0.000008	0.000000	No
			Zn	-0.000010	0.000000	No
			Al	-0.000000	0.000000	No
			Ni	-0.000050	0.000000	No
			Cr	-0.000020	0.000000	No
			Fe	-0.000000	0.000000	No
			Mg	0.000002	0.000000	No
			K	0.000000	0.000000	No
			Ca	-0.000000	0.000000	No
Bi 223.061 {451}	☒	13	V	-0.000380	0.000000	No
			Co	-0.000767	0.000000	No
			Mg	-0.000012	0.000000	No
			W	-0.001670	0.000000	No
			Cu	-0.001694	0.000000	No
			Fe	0.000123	0.000000	No
			Cr	0.002203	0.000000	No
			Ti	-0.002210	0.000000	No
			Mo	0.000350	0.000000	No
			Ce	-0.003650	0.000000	No
			Ni	-0.000004	0.000000	No
			Al	0.000003	0.000000	No
			Ca	0.000017	0.000000	No
Ca 317.933 {106}	☒	14	Fe	0.000130	0.000000	No
			W	0.003960	0.000000	No
			Tl	0.004945	0.000000	No
			Be	0.001840	0.000000	No
			Ba	0.003500	0.000000	No
			Cu	-0.001800	0.000000	No
			Cd	0.003700	0.000000	No
			Ni	0.001513	0.000000	No
			B	-0.000210	0.000000	No
			Se	0.002000	0.000000	No
			Co	0.000540	0.000000	No
			Cr	0.000640	0.000000	No
			Al	0.000026	0.000000	No
			As	0.002488	0.000000	No
Cd 228.802 {448}	☒	18	As	-0.001149	0.000000	No
			Ni	0.000006	0.000000	No
			Fe	-0.000004	0.000000	No
			V	0.000110	0.000000	No
			Ba	0.000021	0.000000	No
			Co	-0.004916	0.000000	No
			Mn	0.000063	0.000000	No
			Cr	-0.000010	0.000000	No
			Cu	-0.000009	0.000000	No
			Ti	0.000000	0.000000	No
			Mo	0.000030	0.000000	No
			W	0.000130	0.000000	No
			Zn	-0.000020	0.000000	No
			Zr	-0.000031	0.000000	No
			Al	0.000000	0.000000	No
			Mg	0.000001	0.000000	No
			Ca	0.000008	0.000000	No
			Ce	-0.000570	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Ce 404.076 { 83}	☒	7	Fe	0.000302	0.000000	No
			Mn	-0.001360	0.000000	No
			Zr	0.000000	0.000000	No
			Cr	-0.002110	0.000000	No
			Ca	0.000035	0.000000	No
			Al	0.000015	0.000000	No
			Li	-0.002240	0.000000	No
Co 228.616 {448}	☒	9	Cr	0.000122	0.000000	No
			Mo	-0.000090	0.000000	No
			Ni	0.000091	0.000000	No
			Ti	0.001980	0.000000	No
			W	0.000160	0.000000	No
			Cd	0.000012	0.000000	No
			Be	0.000100	0.000000	No
			Fe	0.000005	0.000000	No
			Ca	-0.000009	0.000000	No
Cr 267.716 {126}	☒	9	Mn	0.000611	0.000000	No
			Mo	-0.000039	0.000000	No
			Ba	0.000013	0.000000	No
			Cu	0.000020	0.000000	No
			Sr	0.000003	0.000000	No
			Fe	0.000003	0.000000	No
			W	0.000310	0.000000	No
			Ca	0.000003	0.000000	No
			Ti	0.000030	0.000000	No
Cu 324.754 {104}2	☒	18	Cr	0.000056	0.000000	No
			V	-0.000131	0.000000	No
			Mo	0.000325	0.000000	No
			Ti	-0.000010	0.000000	No
			Fe	-0.000049	0.000000	No
			Sn	0.000103	0.000000	No
			Zr	0.000000	0.000000	No
			Si	-0.000007	0.000000	No
			Ag	-0.000327	0.000000	No
			Sb	0.000010	0.000000	No
			B	0.000000	0.000000	No
			Mg	-0.000002	0.000000	No
			Al	0.000002	0.000000	No
			W	0.000000	0.000000	No
			Mn	0.000004	0.000000	No
			Co	0.000360	0.000000	No
			Ca	0.000001	0.000000	No
			As	-0.000180	0.000000	No
Fe 259.940 {130}	☒	12	Cr	0.000184	0.000000	No
			Mn	0.000783	0.000000	No
			V	-0.000064	0.000000	No
			Cu	-0.001048	0.000000	No
			Zn	0.000046	0.000000	No
			Ti	-0.000221	0.000000	No
			Ca	0.000002	0.000000	No
			Ba	0.000924	0.000000	No
			Al	0.000015	0.000000	No
			Co	0.000140	0.000000	No
			Ni	0.001410	0.000000	No
			Li	0.004940	0.000000	No
K 766.490 { 44}	☒	12	Al	0.000047	0.000000	No
			Ca	0.000044	0.000000	No
			Mn	0.001430	0.000000	No
			Si	-0.003000	0.000000	No
			V	-0.002000	0.000000	No
			Sn	-0.004700	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Ba	-0.002700	0.000000	No
			Mo	-0.007210	0.000000	No
			Cu	-0.010000	0.000000	No
			Ni	-0.010000	0.000000	No
			Fe	-0.001110	0.000000	No
			Mg	0.000019	0.000000	No
Li 670.784 { 50}	☒	8	Ca	0.000182	0.000000	No
			W	-0.000010	0.000000	No
			Fe	0.000126	0.000000	No
			Mo	0.000260	0.000000	No
			V	0.000390	0.000000	No
			Mg	-0.000171	0.000000	No
			Al	0.000077	0.000000	No
			S	0.000064	0.000000	No
Mg 279.079 {121}	☒	2	Mo	-0.017699	0.000000	No
			Ti	-0.014200	0.000000	No
Mn 257.610 {131}	☒	9	Fe	0.000007	0.000000	No
			Si	0.000011	0.000000	No
			Ba	0.000012	0.000000	No
			Ni	0.000028	0.000000	No
			Mo	0.000000	0.000000	No
			Cr	-0.000110	0.000000	No
			Mg	0.000004	0.000000	No
			Al	-0.000002	0.000000	No
			Ca	0.000000	0.000000	No
Mo 202.030 {467}	☒	6	Fe	0.000002	0.000000	No
			Mg	-0.000015	0.000000	No
			Ca	0.000012	0.000000	No
			As	0.000080	0.000000	No
			Co	0.000500	0.000000	No
			Al	0.000004	0.000000	No
Na 589.592 { 57}	☒	5	K	-0.000560	0.000000	No
			Ba	0.000900	0.000000	No
			Ca	0.000055	0.000000	No
			Al	0.000036	0.000000	No
			V	-0.005000	0.000000	No
Ni 231.604 {446}	☒	10	Fe	0.000044	0.000000	No
			Zn	-0.000021	0.000000	No
			Be	-0.000112	0.000000	No
			Co	0.000555	0.000000	No
			Tl	0.000209	0.000000	No
			Mo	-0.000020	0.000000	No
			V	-0.000032	0.000000	No
			Cu	0.000006	0.000000	No
			Se	0.000286	0.000000	No
			Sn	-0.000026	0.000000	No
P 177.495 {490}	☒	3	Cu	-0.039235	0.000000	No
			Al	0.000041	0.000000	No
			W	0.000790	0.000000	No
Pb 220.353 {453}	☒	26	Al	-0.000043	0.000000	No
			Fe	0.000010	0.000000	No
			Ca	-0.000004	0.000000	No
			Mn	-0.000015	0.000000	No
			Zn	-0.000036	0.000000	No
			Mo	-0.002079	0.000000	No
			Cu	-0.000054	0.000000	No
			V	-0.000117	0.000000	No
			Co	-0.000058	0.000000	No
			Ti	-0.000993	0.000000	No
			Si	0.000125	0.000000	No
			Ba	-0.000012	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Sb	-0.000190	0.000000	No
			Sr	0.000070	0.000000	No
			W	-0.000320	0.000000	No
			Cd	-0.000187	0.000000	No
			Cr	-0.000158	0.000000	No
			Zr	-0.000483	0.000000	No
			Ni	-0.000035	0.000000	No
			S	-0.000006	0.000000	No
			B	0.000000	0.000000	No
			Mg	0.000011	0.000000	No
			Ce	0.000335	0.000000	No
			As	-0.000318	0.000000	No
			Sn	-0.000060	0.000000	No
			Bi	-0.000196	0.000000	No
S 182.034 {485}	☒	10	Ca	0.000036	0.000000	No
			Mo	-0.000606	0.000000	No
			Al	-0.000003	0.000000	No
			Fe	-0.000033	0.000000	No
			Mn	0.004790	0.000000	No
			Zn	0.000332	0.000000	No
			Cd	-0.000240	0.000000	No
			W	0.000000	0.000000	No
			Mg	-0.000003	0.000000	No
			Cr	0.000454	0.000000	No
Sb 206.833 {463}	☒	19	Fe	-0.000028	0.000000	No
			Al	0.000006	0.000000	No
			Ca	0.000069	0.000000	No
			Ni	-0.000004	0.000000	No
			Cr	0.021385	0.000000	No
			V	-0.002879	0.000000	No
			Zn	-0.000084	0.000000	No
			Mo	-0.012165	0.000000	No
			Ti	0.000049	0.000000	No
			Sn	-0.002350	0.000000	No
			Mg	-0.000000	0.000000	No
			Zr	-0.000955	0.000000	No
			Sr	0.000020	0.000000	No
			W	0.000450	0.000000	No
			Ce	-0.002274	0.000000	No
			As	-0.000112	0.000000	No
			Na	-0.000004	0.000000	No
			Co	0.000000	0.000000	No
			Mn	-0.000132	0.000000	No
Se 196.090 {472}	☒	25	Al	0.000007	0.000000	No
			Ca	0.000007	0.000000	No
			Mn	0.000470	0.000000	No
			Mo	0.000407	0.000000	No
			Fe	-0.000121	0.000000	No
			Co	-0.000067	0.000000	No
			V	0.000436	0.000000	No
			Sr	0.000030	0.000000	No
			Si	0.000633	0.000000	No
			Tl	0.000080	0.000000	No
			Be	-0.000067	0.000000	No
			Zn	-0.000038	0.000000	No
			B	0.000310	0.000000	No
			Ti	-0.000100	0.000000	No
			Cd	-0.000160	0.000000	No
			Zr	-0.000152	0.000000	No
			Ba	0.000001	0.000000	No
			Mg	-0.000005	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Cr	0.000250	0.000000	No
			S	-0.000001	0.000000	No
			W	0.014000	0.000000	No
			Ce	0.000608	0.000000	No
			Ni	0.000005	0.000000	No
			As	0.000020	0.000000	No
			Sn	0.000670	0.000000	No
Si 212.412 {459}	☒	20	Sr	0.000366	0.000000	No
			Ni	-0.000692	0.000000	No
			Mo	0.039757	0.000000	No
			V	0.029710	0.000000	No
			Ti	0.002020	0.000000	No
			Al	-0.000008	0.000000	No
			Cd	0.001043	0.000000	No
			Ba	0.000170	0.000000	No
			Sn	-0.001018	0.000000	No
			Zn	0.000385	0.000000	No
			As	0.000140	0.000000	No
			Pb	0.000471	0.000000	No
			Ca	-0.000004	0.000000	No
			Ce	-0.000423	0.000000	No
			Cr	0.000520	0.000000	No
			Fe	0.000013	0.000000	No
			Mn	0.008260	0.000000	No
			Co	-0.000420	0.000000	No
			Cu	0.001090	0.000000	No
			W	0.017190	0.000000	No
Sn 189.989 {478}	☒	9	Ti	0.000157	0.000000	No
			Mo	0.000011	0.000000	No
			Si	-0.000009	0.000000	No
			Fe	0.000005	0.000000	No
			W	0.000000	0.000000	No
			Ca	-0.000002	0.000000	No
			Zr	0.000635	0.000000	No
			Al	0.000000	0.000000	No
			Mg	-0.000002	0.000000	No
Sr 407.771 { 83}	☒	2	Ca	0.000004	0.000000	No
			Mg	0.000002	0.000000	No
Ti 334.904 {101}	☒	3	Cr	0.000127	0.000000	No
			Mo	0.001772	0.000000	No
			Si	0.000035	0.000000	No
Tl 190.856 {477}	☒	28	Cr	0.000210	0.000000	No
			Mo	-0.000377	0.000000	No
			Al	0.000002	0.000000	No
			Fe	0.000005	0.000000	No
			V	0.002740	0.000000	No
			Mn	0.002038	0.000000	No
			Si	-0.000308	0.000000	No
			Ca	-0.000029	0.000000	No
			Ti	-0.002314	0.000000	No
			Mg	-0.000003	0.000000	No
			Co	0.004847	0.000000	No
			Sr	-0.000060	0.000000	No
			B	0.000056	0.000000	No
			Ba	-0.000052	0.000000	No
			Zn	-0.000113	0.000000	No
			As	0.000000	0.000000	No
			Ni	-0.000030	0.000000	No
			Pb	0.000035	0.000000	No
			S	0.000006	0.000000	No
			W	-0.000440	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			K	0.000000	0.000000	No
			Sn	-0.000054	0.000000	No
			Ag	0.000700	0.000000	No
			Cu	-0.000078	0.000000	No
			P	0.000156	0.000000	No
			Zr	0.000100	0.000000	No
			Ce	-0.000132	0.000000	No
			Na	0.000000	0.000000	No
V 292.402 {115}	☒	8	Ti	0.001326	0.000000	No
			Mo	-0.000490	0.000000	No
			Sr	0.000000	0.000000	No
			Cr	-0.001771	0.000000	No
			Mn	-0.000004	0.000000	No
			Fe	0.000021	0.000000	No
			Al	0.000000	0.000000	No
			Zr	0.000250	0.000000	No
W 207.911 {462}	☒	21	As	-0.000459	0.000000	No
			Mn	0.000290	0.000000	No
			Mo	0.000540	0.000000	No
			Sr	0.000050	0.000000	No
			V	-0.000140	0.000000	No
			Cd	-0.000650	0.000000	No
			Cr	-0.000103	0.000000	No
			Zn	0.012615	0.000000	No
			Sn	-0.000100	0.000000	No
			Zr	0.000003	0.000000	No
			Sb	-0.000200	0.000000	No
			Co	0.000041	0.000000	No
			Ni	-0.000323	0.000000	No
			Be	-0.000130	0.000000	No
			Se	-0.000190	0.000000	No
			Cu	-0.000118	0.000000	No
			Ba	-0.000090	0.000000	No
			Tl	-0.000110	0.000000	No
			Ca	-0.000013	0.000000	No
			Fe	-0.000015	0.000000	No
			Mg	-0.000030	0.000000	No
Zn 206.200 {464}	☒	17	Mo	0.000335	0.000000	No
			Fe	0.000013	0.000000	No
			Ba	0.000108	0.000000	No
			Sr	-0.000023	0.000000	No
			Sn	0.000069	0.000000	No
			Cu	0.000156	0.000000	No
			As	0.000449	0.000000	No
			Be	0.000071	0.000000	No
			Bi	-0.002000	0.000000	No
			Mn	0.000047	0.000000	No
			W	0.000830	0.000000	No
			Al	0.000000	0.000000	No
			Cr	-0.000179	0.000000	No
			Tl	0.000035	0.000000	No
			V	0.000000	0.000000	No
			Mg	0.000020	0.000000	No
			Ca	-0.000000	0.000000	No
Zr 339.198 { 99}	☒	12	Mo	0.000555	0.000000	No
			Fe	-0.000046	0.000000	No
			Si	0.005000	0.000000	No
			Ti	-0.000040	0.000000	No
			V	0.000630	0.000000	No
			W	0.000740	0.000000	No
			Ni	-0.000030	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
				Ce	0.000098	0.000000	No
				Sb	0.000080	0.000000	No
				Sn	0.000105	0.000000	No
				As	-0.000179	0.000000	No
				Cu	0.000000	0.000000	No
	In 230.606 {446}*	☒	None				
	Y 360.073 { 94}*	☒	None				
	Y 371.030 { 91}*	☒	None				
	Y 224.306 {451}*	☒	None				

Element, Wavelength and Order	Date of Fit	Date of Cal.	Type of Fit	Weighting	A0	A1	A2	n (Exponent)
Ag 328.068 {103}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000483	0.128307	0.000000	1.000000
Al 396.152 { 85}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000333	0.032840	0.000000	1.000000
As 189.042 {478}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.000367	0.103920	0.000000	1.000000
B 208.959 {462}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.000333	0.155131	0.000000	1.000000
Ba 455.403 { 74}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.008210	1.244250	0.000000	1.000000
Be 313.042 {108}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.000732	2.671179	0.000000	1.000000
Bi 223.061 {451}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.000554	0.168702	0.000000	1.000000
Ca 317.933 {106}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.007559	0.097822	0.000000	1.000000
Cd 228.802 {448}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000114	0.868375	0.000000	1.000000
Ce 404.076 { 83}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	1/Conc	-0.000170	0.025582	0.000000	1.000000
Co 228.616 {448}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000116	0.548918	0.000000	1.000000
Cr 267.716 {126}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.000072	0.152731	0.000000	1.000000
Cu 324.754 {104}2	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.001756	0.147860	0.000000	1.000000
Fe 259.940 {130}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000613	0.053077	0.000000	1.000000
K 766.490 { 44}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.015243	0.016751	0.000000	1.000000
Li 670.784 { 50}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.003186	0.272468	0.000000	1.000000
Mg 279.079 {121}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000047	0.011316	0.000000	1.000000
Mn 257.610 {131}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000128	0.785372	0.000000	1.000000
Mo 202.030 {467}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000333	0.736995	0.000000	1.000000
Na 589.592 { 57}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.006061	0.050665	0.000000	1.000000
Ni 231.604 {446}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000089	0.405077	0.000000	1.000000
P 177.495 {490}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000428	0.104086	0.000000	1.000000
Pb 220.353 {453}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.000150	0.190988	0.000000	1.000000
S 182.034 {485}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.000900	0.046194	0.000000	1.000000
Sb 206.833 {463}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.000367	0.130934	0.000000	1.000000
Se 196.090 {472}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.000150	0.068659	0.000000	1.000000
Si 212.412 {459}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.002406	0.166426	0.000000	1.000000
Sn 189.989 {478}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.000056	0.186283	0.000000	1.000000
Sr 407.771 { 83}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.001508	2.692506	0.000000	1.000000
Ti 334.904 {101}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000065	0.166822	0.000000	1.000000
Tl 190.856 {477}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000054	0.046531	0.000000	1.000000
V 292.402 {115}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000175	0.193628	0.000000	1.000000
W 207.911 {462}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000291	0.373135	0.000000	1.000000
Zn 206.200 {464}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	0.000362	1.369464	0.000000	1.000000
Zr 339.198 { 99}	1/28/2025 9:28:45	1/27/2025 10:42:47	Linear	None	-0.000593	0.315852	0.000000	1.000000
In 230.606 {446}*	1/28/2025 9:28:45	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
Y 360.073 { 94}*	1/28/2025 9:28:45	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
Y 371.030 { 91}*	1/28/2025 9:28:45	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
Y 224.306 {451}*	1/28/2025 9:28:45	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000

	Element, Wavelength and Order	Correlation	Std Error of Est	Predicted MDL	Predicted MQL	Status	Reslope		QC Norm	
							Slope	Y-int	Slope factor	Offset
	Ag 328.068 {103}	1.000000	0.000000	0.000757	0.002525	OK.	1.000000	0.000000	1	0
	Al 396.152 { 85}	1.000000	0.000000	0.021446	0.071486	OK.	1.000000	0.000000	1	0
	As 189.042 {478}	1.000000	0.000000	0.001512	0.005040	OK.	1.000000	0.000000	1	0
	B 208.959 {462}	1.000000	0.000000	0.001184	0.003946	OK.	1.000000	0.000000	1	0
	Ba 455.403 { 74}	1.000000	0.000000	0.000647	0.002157	OK.	1.000000	0.000000	1	0
	Be 313.042 {108}	1.000000	0.000000	0.000128	0.000426	OK.	1.000000	0.000000	1	0
	Bi 223.061 {451}	1.000000	0.000000	0.002500	0.008332	OK.	1.000000	0.000000	1	0
	Ca 317.933 {106}	1.000000	0.000000	0.004210	0.014033	OK.	1.000000	0.000000	1	0
	Cd 228.802 {448}	1.000000	0.000000	0.000305	0.001016	OK.	1.000000	0.000000	1	0
	Ce 404.076 { 83}	1.000000	0.000000	0.006059	0.020196	OK.	1.000000	0.000000	1	0
	Co 228.616 {448}	1.000000	0.000000	0.000379	0.001265	OK.	1.000000	0.000000	1	0
	Cr 267.716 {126}	1.000000	0.000000	0.000419	0.001397	OK.	1.000000	0.000000	1	0
	Cu 324.754 {104}2	1.000000	0.000000	0.000946	0.003153	OK.	1.000000	0.000000	1	0
	Fe 259.940 {130}	1.000000	0.000000	0.003830	0.012768	OK.	1.000000	0.000000	1	0
	K 766.490 { 44}	1.000000	0.000000	0.073650	0.245501	OK.	1.000000	0.000000	1	0
	Li 670.784 { 50}	1.000000	0.000000	0.004619	0.015398	OK.	1.000000	0.000000	1	0
	Mg 279.079 {121}	1.000000	0.000000	0.023792	0.079308	OK.	1.000000	0.000000	1	0
	Mn 257.610 {131}	1.000000	0.000000	0.000072	0.000238	OK.	1.000000	0.000000	1	0
	Mo 202.030 {467}	1.000000	0.000000	0.000338	0.001126	OK.	1.000000	0.000000	1	0
	Na 589.592 { 57}	1.000000	0.000000	0.024310	0.081035	OK.	1.000000	0.000000	1	0
	Ni 231.604 {446}	1.000000	0.000000	0.000452	0.001508	OK.	1.000000	0.000000	1	0
	P 177.495 {490}	1.000000	0.000000	0.001332	0.004441	OK.	1.000000	0.000000	1	0
	Pb 220.353 {453}	1.000000	0.000000	0.001397	0.004658	OK.	1.000000	0.000000	1	0
	S 182.034 {485}	1.000000	0.000000	0.003432	0.011441	OK.	1.000000	0.000000	1	0
	Sb 206.833 {463}	1.000000	0.000000	0.002247	0.007491	OK.	1.000000	0.000000	1	0
	Se 196.090 {472}	1.000000	0.000000	0.003186	0.010620	OK.	1.000000	0.000000	1	0
	Si 212.412 {459}	1.000000	0.000000	0.001739	0.005796	OK.	1.000000	0.000000	1	0
	Sn 189.989 {478}	1.000000	0.000000	0.000803	0.002676	OK.	1.000000	0.000000	1	0
	Sr 407.771 { 83}	1.000000	0.000000	0.000230	0.000767	OK.	1.000000	0.000000	1	0
	Ti 334.904 {101}	1.000000	0.000000	0.000518	0.001728	OK.	1.000000	0.000000	1	0
	Tl 190.856 {477}	1.000000	0.000000	0.001886	0.006286	OK.	1.000000	0.000000	1	0
	V 292.402 {115}	1.000000	0.000000	0.000426	0.001420	OK.	1.000000	0.000000	1	0
	W 207.911 {462}	1.000000	0.000000	0.001339	0.004462	OK.	1.000000	0.000000	1	0
	Zn 206.200 {464}	1.000000	0.000000	0.000153	0.000511	OK.	1.000000	0.000000	1	0
	Zr 339.198 { 99}	1.000000	0.000000	0.000330	0.001100	OK.	1.000000	0.000000	1	0
	In 230.606 {446}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
	Y 360.073 { 94}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
	Y 371.030 { 91}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
	Y 224.306 {451}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0

Zoom In ▶ Zoom Out

Sample Name: STDA Acquired: 1/27/2025 7:58:33 Type: Cal
Method: SGS 3 NO Valve(v317) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0002**	**-.0001**	**.0000**	**.0001**	**.0064**	**-.0002**	**-.0005**	**.0108**	**-.0001**
Stddev	.0001	.0004	.0001	.0001	.0009	.0002	.0004	.0001	.0000
%RSD	39.88	251.6	322.4	72.52	13.65	89.25	72.84	.9000	45.63
#1	-.0001	-.0000	.0001	.0000	.0054	-.0000	-.0001	.0107	-.0001
#2	-.0002	.0001	-.0000	.0001	.0066	-.0004	-.0006	.0108	-.0001
#3	-.0002	-.0005	-.0000	.0002	.0072	-.0002	-.0008	.0109	-.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0000**	**-.0003**	**-.0000**	**.0011**	**-.0005**	**.0012**	**.0043**	**-.0005**	**-.0001**
Stddev	.0001	.0001	.0000	.0002	.0002	.0014	.0015	.0001	.0000
%RSD	247.3	16.34	44.46	14.97	31.30	119.8	34.46	15.08	14.14
#1	-.0001	-.0003	-.0000	.0009	-.0005	.0022	.0036	-.0005	-.0001
#2	.0000	-.0003	-.0001	.0011	-.0007	.0018	.0034	-.0006	-.0001
#3	-.0000	-.0004	-.0001	.0012	-.0004	-.0004	.0061	-.0004	-.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0001**	**-.0019**	**-.0004**	**-.0011**	**.0003**	**.0006**	**.0005**	**.0004**	**.0029**
Stddev	.0000	.0010	.0001	.0000	.0001	.0000	.0001	.0001	.0002
%RSD	21.13	51.71	30.77	.8652	41.09	6.726	29.95	31.14	6.192
#1	.0001	-.0025	-.0002	-.0011	.0003	.0005	.0004	.0004	.0027
#2	.0001	-.0025	-.0005	-.0011	.0004	.0006	.0004	.0003	.0030
#3	.0001	-.0008	-.0004	-.0011	.0002	.0005	.0006	.0005	.0030

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0004**	**.0010**	**-.0001**	**-.0001**	**-.0000**	**.0009**	**.0000**	**-.0012**
Stddev	.0001	.0006	.0000	.0000	.0001	.0002	.0002	.0001
%RSD	27.01	65.94	63.13	25.02	156.6	19.14	511.0	7.334
#1	.0005	.0004	-.0001	-.0001	.0000	.0010	.0002	-.0013
#2	.0003	.0017	-.0001	-.0001	-.0001	.0007	-.0002	-.0012
#3	.0004	.0009	-.0000	-.0001	-.0000	.0011	.0001	-.0011

Zoom In ▶ Zoom Out

Sample Name: STDA Acquired: 1/27/2025 7:58:33 Type: Cal
Method: SGS 3 NO Valve(v317) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9489.8**	**119140.**	**14165.**	**6031.2**
Stddev	13.6	839.	11.	10.6
%RSD	.14295	.70401	.07870	.17602
#1	9497.9	119960.	14173.	6041.2
#2	9474.1	118290.	14153.	6020.0
#3	9497.4	119180.	14170.	6032.4

Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 1/27/2025 8:03:28 Type: Cal
Method: SGS 3 NO Valve(v317) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0668**	**4.102**	**.2344**	**.7316**	**9.655**	**14.19**	**.6016**	**9.924**	**3.494**
Stddev	.0001	.006	.0002	.0010	.018	.10	.0009	.030	.003
%RSD	.1629	.1447	.0740	.1303	.1886	.7022	.1432	.2980	.0727
#1	.0669	4.100	.2345	.7315	9.645	14.30	.6018	9.915	3.495
#2	.0667	4.109	.2342	.7307	9.676	14.11	.6006	9.957	3.491
#3	.0667	4.098	.2345	.7326	9.644	14.15	.6023	9.900	3.495

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.1611**	**2.198**	**.6297**	**.9095**	**5.083**	**1.440**	**2.395**	**1.277**	**3.493**
Stddev	.0003	.002	.0007	.0019	.007	.002	.005	.006	.075
%RSD	.1987	.0914	.1081	.2116	.1310	.1591	.1984	.4714	2.139
#1	.1614	2.199	.6304	.9115	5.087	1.438	2.393	1.276	3.574
#2	.1608	2.196	.6291	.9076	5.086	1.443	2.401	1.283	3.427
#3	.1610	2.199	.6295	.9093	5.075	1.440	2.392	1.271	3.477

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.192**	**6.240**	**1.797**	**.1401**	**.7695**	**.1499**	**.4547**	**.2767**	**1.508**
Stddev	.002	.005	.002	.0006	.0005	.0004	.0005	.0005	.002
%RSD	.0918	.0810	.1230	.3953	.0632	.2942	.1191	.1979	.1044
#1	2.193	6.239	1.798	.1406	.7691	.1503	.4544	.2769	1.509
#2	2.190	6.245	1.794	.1403	.7694	.1494	.4545	.2761	1.506
#3	2.193	6.235	1.798	.1395	.7701	.1499	.4554	.2771	1.509

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.3373**	**11.85**	**.5899**	**.1925**	**.9626**	**1.183**	**4.203**	**1.841**
Stddev	.0007	.04	.0006	.0002	.0012	.001	.002	.005
%RSD	.2056	.3642	.0980	.1196	.1294	.1058	.0503	.2621
#1	.3375	11.81	.5904	.1927	.9640	1.183	4.205	1.846
#2	.3365	11.83	.5900	.1926	.9622	1.181	4.201	1.837
#3	.3379	11.90	.5893	.1922	.9616	1.184	4.204	1.838

Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 1/27/2025 8:03:28 Type: Cal
Method: SGS 3 NO Valve(v317) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8934.9**	**114530.**	**13914.**	**5715.5**
Stddev	12.0	228.	42.	7.4
%RSD	.13454	.19874	.30324	.12986
#1	8946.3	114500.	13866.	5722.4
#2	8922.3	114770.	13934.	5707.7
#3	8935.9	114320.	13943.	5716.3

Zoom In Zoom Out

Sample Name: ICV Acquired: 1/27/2025 8:08:27 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2525**	**39.65**	**1.960**	**1.982**	**1.947**	**2.004**	**1.974**	**39.63**	**1.933**
Stddev	.0008	.03	.008	.003	.002	.003	.004	.04	.006
%RSD	.3075	.0863	.3946	.1442	.0757	.1616	.1923	.0991	.2928
#1	.2533	39.67	1.957	1.984	1.949	2.007	1.976	39.64	1.935
#2	.2526	39.61	1.954	1.979	1.946	2.001	1.970	39.59	1.927
#3	.2517	39.68	1.969	1.983	1.946	2.005	1.977	39.67	1.938
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.965**	**1.916**	**1.939**	**1.945**	**39.39**	**39.24**	**2.052**	**39.68**	**1.982**
Stddev	.006	.002	.002	.001	.08	.09	.003	.01	.002
%RSD	.2884	.1172	.1048	.0673	.1965	.2269	.1411	.0333	.1000
#1	1.959	1.917	1.938	1.944	39.48	39.33	2.049	39.69	1.981
#2	1.970	1.914	1.942	1.945	39.32	39.15	2.051	39.66	1.984
#3	1.964	1.918	1.938	1.946	39.38	39.25	2.055	39.67	1.981
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.961**	**39.60**	**1.987**	**1.973**	**1.979**	**1.956**	**2.016**	**1.993**	**4.911**
Stddev	.004	.04	.003	.002	.000	.005	.004	.006	.007
%RSD	.2101	.0995	.1385	.1125	.0218	.2333	.2122	.2868	.1472
#1	1.964	39.58	1.986	1.975	1.979	1.953	2.016	1.998	4.917
#2	1.957	39.57	1.985	1.971	1.978	1.953	2.012	1.987	4.903
#3	1.963	39.64	1.990	1.971	1.979	1.961	2.020	1.993	4.913
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ICV Acquired: 1/27/2025 8:08:27 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.949**	**F 1.897**	**1.948**	**F 1.858**	**1.907**	**1.930**	**1.988**	**1.967**
Stddev	.007	.003	.001	.001	.002	.002	.004	.003
%RSD	.3630	.1586	.0628	.0755	.1047	.0883	.1753	.1446
#1	1.944	1.899	1.947	1.859	1.905	1.930	1.990	1.964
#2	1.946	1.893	1.949	1.856	1.909	1.929	1.984	1.970
#3	1.957	1.898	1.948	1.859	1.907	1.932	1.990	1.966
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		2.000		2.000				
Range		-5.000%		-5.000%				

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8983.2**	**113950.**	**13989.**	**5773.3**
Stddev	27.1	140.	86.	19.3
%RSD	.30141	.12249	.61800	.33464
#1	8996.7	114080.	14066.	5777.1
#2	9000.9	113810.	14005.	5790.5
#3	8952.0	113950.	13895.	5752.4

Zoom In Zoom Out

Sample Name: ICB Acquired: 1/27/2025 8:13:59 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0030**	**-.0005**	**.0086**	**-.0001**	**.0000**	**.0036**	**-.0046**	**.0001**
Stddev	.0003	.0145	.0019	.0010	.0001	.0000	.0005	.0043	.0002
%RSD	169.7	482.8	408.7	11.69	131.5	402.9	15.12	92.26	211.4
#1	-.0001	.0097	-.0016	.0097	-.0002	.0000	.0034	-.0081	.0003
#2	.0001	-.0137	.0017	.0082	-.0000	-.0000	.0042	.0002	-.0002
#3	-.0006	.0130	-.0015	.0078	-.0000	.0000	.0032	-.0060	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030**	**.0001**	**.0001**	**.0001**	**.0059**	**-.0209**	**.0012**	**.0302**	**.0000**
Stddev	.0029	.0000	.0004	.0002	.0004	.0585	.0010	.0137	.0001
%RSD	97.74	56.24	388.6	114.5	7.190	279.7	80.78	45.37	6233.
#1	.0059	.0001	.0006	.0001	.0055	-.0521	.0021	.0271	.0000
#2	.0002	.0000	-.0002	-.0000	.0064	.0466	.0002	.0451	-.0001
#3	.0028	.0001	-.0001	.0003	.0060	-.0572	.0014	.0183	.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021**	**-.0001**	**-.0000**	**.0036**	**.0005**	**.0009**	**.0005**	**-.0019**	**.0036**
Stddev	.0002	.0087	.0002	.0015	.0005	.0039	.0005	.0009	.0006
%RSD	10.85	8279.	731.9	40.08	112.8	421.9	93.47	44.75	16.77
#1	.0023	-.0078	.0002	.0052	-.0001	.0054	.0001	-.0029	.0039
#2	.0022	.0093	-.0003	.0033	.0008	-.0018	.0010	-.0016	.0029
#3	.0018	-.0018	-.0000	.0024	.0007	-.0008	.0004	-.0012	.0039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICB Acquired: 1/27/2025 8:13:59 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0000**	**.0004**	**-.0018**	**.0001**	**.0017**	**-.0002**	**.0000**
Stddev	.0014	.0001	.0004	.0009	.0003	.0001	.0001	.0001
%RSD	129.2	1573.	95.93	49.05	291.6	6.641	25.89	253.2
#1	-.0027	.0001	.0008	-.0011	.0001	.0016	-.0003	.0001
#2	-.0003	-.0001	.0000	-.0016	-.0002	.0017	-.0002	-.0001
#3	-.0003	-.0000	.0004	-.0029	.0004	.0018	-.0002	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9319.7**	**116680.**	**14071.**	**5909.6**
Stddev	11.0	395.	67.	2.2
%RSD	.11795	.33873	.47678	.03802
#1	9331.1	117090.	14132.	5909.5
#2	9309.2	116300.	14082.	5907.4
#3	9318.7	116660.	13999.	5911.8

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 16:29:11 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2611	42.52	F 2.482	1.981	2.139	1.858	1.989	F 46.36	2.037
Stddev	.0004	.08	.003	.004	.005	.001	.005	.09	.003
%RSD	.1568	.1928	.1359	.1964	.2434	.0572	.2667	.1872	.1275
#1	.2608	42.45	2.480	1.986	2.136	1.857	1.986	46.27	2.038
#2	.2610	42.61	2.480	1.978	2.145	1.859	1.986	46.44	2.034
#3	.2616	42.50	2.485	1.980	2.136	1.858	1.995	46.36	2.038
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value			2.000					40.00	
Range			10.00%					10.00%	

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.288	2.057	2.092	2.111	40.13	40.91	2.187	F 46.04	F 2.351
Stddev	.004	.004	.002	.003	.07	.02	.003	.14	.007
%RSD	.1727	.2060	.1107	.1601	.1788	.0432	.1387	.3115	.2901
#1	2.292	2.060	2.095	2.111	40.06	40.89	2.184	45.88	2.348
#2	2.284	2.052	2.091	2.108	40.20	40.90	2.190	46.09	2.345
#3	2.288	2.059	2.091	2.115	40.11	40.93	2.188	46.15	2.358
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value	2.000							40.00	2.000
Range	10.00%							10.00%	10.00%

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.019	42.25	2.168	F 1.465	2.030	1.974	2.035	2.129	4.902
Stddev	.003	.11	.003	.005	.005	.006	.003	.002	.007
%RSD	.1704	.2493	.1562	.3534	.2619	.3186	.1241	.0848	.1405
#1	2.019	42.14	2.172	1.460	2.033	1.970	2.034	2.127	4.903
#2	2.016	42.35	2.165	1.466	2.024	1.971	2.033	2.129	4.895
#3	2.023	42.26	2.169	1.470	2.033	1.981	2.038	2.130	4.908
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				2.000					
Range				-10.00%					

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 16:29:11 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.583	1.914	2.094	2.155	2.124	2.064	2.196	F 2.303
Stddev	.008	.003	.002	.003	.002	.004	.002	.005
%RSD	.2958	.1655	.0737	.1265	.1008	.1759	.0887	.2252
#1	2.591	1.913	2.095	2.158	2.125	2.063	2.198	2.301
#2	2.581	1.918	2.095	2.153	2.122	2.061	2.194	2.299
#3	2.576	1.912	2.092	2.155	2.126	2.068	2.197	2.309
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value	2.000							2.000
Range	10.00%							10.00%

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9557.1	112020.	13561.	6478.3
Stddev	10.0	455.	86.	8.1
%RSD	.10502	.40596	.63463	.12557
#1	9559.0	112030.	13636.	6484.0
#2	9546.3	112470.	13579.	6469.0
#3	9566.1	111560.	13467.	6482.0

Zoom In Zoom Out

Sample Name: ICCV 1 Acquired: 1/27/2025 8:19:05 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2468	40.02	2.005	1.947	1.948	1.988	1.988	40.58	1.975
Stddev	.0011	.06	.007	.010	.004	.001	.010	.06	.010
%RSD	.4328	.1546	.3755	.5091	.1880	.0229	.4891	.1382	.5031
#1	.2455	40.00	2.008	1.947	1.945	1.988	1.986	40.51	1.974
#2	.2466	40.04	2.005	1.944	1.949	1.989	1.985	40.63	1.971
#3	.2481	40.10	1.995	1.937	1.952	1.989	1.980	40.62	1.967
#4	.2470	39.95	2.012	1.961	1.944	1.988	2.002	40.56	1.990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.985	1.959	1.958	1.960	40.10	39.70	2.022	40.76	2.003
Stddev	.004	.007	.002	.006	.04	.08	.003	.04	.007
%RSD	.1794	.3736	.0888	.2988	.0921	.1896	.1271	.1054	.3429
#1	1.990	1.959	1.959	1.968	40.12	39.78	2.021	40.71	2.013
#2	1.984	1.957	1.958	1.958	40.10	39.60	2.025	40.78	2.000
#3	1.983	1.951	1.955	1.956	40.12	39.71	2.023	40.81	1.997
#4	1.983	1.968	1.957	1.956	40.04	39.73	2.019	40.75	2.001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ICCV 1 Acquired: 1/27/2025 8:19:05 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.012	40.15	1.963	F 1.814	1.952	1.944	2.001	1.950	4.935
Stddev	.009	.06	.007	.009	.009	.009	.010	.011	.019
%RSD	.4716	.1529	.3787	.4928	.4406	.4768	.5051	.5772	.3914
#1	2.010	40.14	1.962	1.818	1.950	1.938	2.004	1.950	4.930
#2	2.009	40.17	1.960	1.809	1.950	1.941	1.998	1.948	4.927
#3	2.003	40.22	1.957	1.804	1.944	1.941	1.989	1.936	4.921
#4	2.025	40.07	1.974	1.824	1.964	1.958	2.013	1.964	4.964
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				2.000					
Range				-5.000%					

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.030	1.941	2.003	1.967	1.945	1.974	1.970	2.012
Stddev	.011	.002	.002	.008	.001	.011	.008	.007
%RSD	.5173	.1165	.1174	.4143	.0623	.5355	.4045	.3526
#1	2.032	1.941	2.000	1.967	1.947	1.974	1.971	2.023
#2	2.032	1.941	2.004	1.964	1.945	1.971	1.969	2.009
#3	2.016	1.944	2.005	1.960	1.944	1.964	1.960	2.009
#4	2.041	1.939	2.002	1.979	1.945	1.989	1.980	2.008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Zoom In Zoom Out

Sample Name: ICCV 1 Acquired: 1/27/2025 8:19:05 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8971.7**	**113320.**	**13785.**	**5753.1**
Stddev	20.4	426.	21.	18.2
%RSD	.22712	.37628	.15523	.31662
#1	8974.5	113690.	13765.	5756.4
#2	8973.4	112880.	13815.	5758.5
#3	8994.1	113690.	13776.	5770.3
#4	8944.7	113040.	13785.	5727.4

Zoom In Zoom Out

Sample Name: CCB 7 Acquired: 1/27/2025 8:24:27 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0144**	**-.0022**	**.0092**	**-.0001**	**-.0000**	**.0018**	**-.0077**	**.0002**
Stddev	.0002	.0082	.0010	.0007	.0009	.0001	.0011	.0026	.0002
%RSD	130.5	57.00	44.96	7.045	580.7	1913.	60.35	33.43	95.76
#1	-.0003	-.0150	-.0012	.0100	.0008	-.0000	.0008	-.0069	.0003
#2	.0001	-.0223	-.0031	.0090	-.0002	-.0001	.0030	-.0056	.0003
#3	-.0003	-.0059	-.0022	.0088	-.0010	.0001	.0016	-.0106	-.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037**	**.0002**	**.0002**	**.0005**	**.0023**	**-.0075**	**-.0004**	**-.0062**	**.0000**
Stddev	.0009	.0004	.0004	.0001	.0014	.0664	.0015	.0098	.0000
%RSD	24.65	187.3	227.4	22.38	61.55	890.5	376.5	158.9	496.0
#1	.0030	.0002	-.0002	.0004	.0007	-.0837	-.0013	-.0137	.0001
#2	.0034	-.0002	.0001	.0006	.0034	.0376	.0014	.0049	-.0000
#3	.0047	.0007	.0006	.0004	.0029	.0237	-.0013	-.0096	.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023**	**.0007**	**.0003**	**.0034**	**.0001**	**-.0009**	**.0006**	**.0030**	**.0014**
Stddev	.0002	.0055	.0001	.0033	.0006	.0013	.0007	.0006	.0009
%RSD	10.08	810.5	44.68	97.58	457.5	147.6	119.4	20.17	60.81
#1	.0026	.0070	.0004	.0073	-.0003	.0003	.0013	.0036	.0015
#2	.0021	-.0027	.0002	.0015	-.0001	-.0022	-.0002	.0031	.0022
#3	.0022	-.0023	.0002	.0015	.0008	-.0006	.0007	.0024	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB 7 Acquired: 1/27/2025 8:24:27 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0002**	**-.0006**	**.0014**	**-.0001**	**-.0000**	**-.0002**	**.0001**
Stddev	.0013	.0002	.0003	.0012	.0003	.0010	.0002	.0004
%RSD	881.6	87.58	48.57	86.45	401.7	5055.	90.88	755.9
#1	.0015	-.0003	-.0008	.0002	-.0003	-.0000	-.0002	-.0001
#2	-.0001	-.0000	-.0003	.0026	-.0001	.0009	-.0004	-.0003
#3	-.0010	-.0004	-.0006	.0012	.0003	-.0010	-.0000	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9365.7**	**116480.**	**13998.**	**5944.8**
Stddev	22.2	350.	119.	15.7
%RSD	.23726	.30024	.84841	.26483
#1	9375.2	116210.	13883.	5958.1
#2	9340.3	116350.	14121.	5927.4
#3	9381.5	116880.	13991.	5948.9

Zoom In Zoom Out

Sample Name: CRI Acquired: 1/27/2025 8:28:34 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048**	**.2207**	**.0066**	**.1044**	**.1939**	**.0021**	**.0210**	**5.227**	**.0031**
Stddev	.0002	.0061	.0020	.0007	.0007	.0000	.0007	.021	.0001
%RSD	3.780	2.774	29.87	.7007	.3478	1.944	3.465	.4014	3.220
#1	.0046	.2267	.0075	.1037	.1931	.0021	.0209	5.207	.0031
#2	.0048	.2145	.0079	.1052	.1941	.0021	.0203	5.225	.0030
#3	.0049	.2208	.0043	.1043	.1944	.0020	.0217	5.249	.0032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0031**	**.0504**	**.0101**	**.0092**	**.1046**	**4.976**	**.0524**	**5.354**	**.0155**
Stddev	.0054	.0002	.0002	.0001	.0034	.056	.0023	.036	.0000
%RSD	175.0	.3767	2.286	1.358	3.239	1.127	4.447	.6641	.0912
#1	.0018	.0506	.0100	.0093	.1085	4.919	.0550	5.313	.0155
#2	.0090	.0502	.0104	.0091	.1026	5.031	.0511	5.373	.0155
#3	-.0016	.0504	.0099	.0093	.1028	4.979	.0509	5.375	.0155
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0222**	**5.158**	**.0103**	**.0515**	**.0035**	**.0542**	**.0051**	**.0110**	**.1889**
Stddev	.0003	.010	.0003	.0028	.0010	.0008	.0006	.0011	.0016
%RSD	1.128	.1859	3.186	5.525	28.52	1.541	12.05	10.45	.8363
#1	.0224	5.150	.0107	.0538	.0032	.0551	.0057	.0118	.1881
#2	.0222	5.168	.0102	.0483	.0046	.0543	.0052	.0097	.1878
#3	.0219	5.156	.0100	.0524	.0027	.0534	.0045	.0115	.1907
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CRI Acquired: 1/27/2025 8:28:34 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0094**	**.0092**	**.0092**	**.0092**	**.0494**	**.0502**	**.0213**	**.0098**
Stddev	.0004	.0003	.0005	.0011	.0003	.0013	.0001	.0002
%RSD	4.797	3.299	5.751	11.46	.6813	2.508	.7048	2.549
#1	.0088	.0089	.0098	.0088	.0491	.0498	.0212	.0101
#2	.0095	.0092	.0088	.0105	.0494	.0515	.0214	.0098
#3	.0097	.0095	.0090	.0085	.0497	.0491	.0211	.0096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9235.1**	**115590.**	**13927.**	**5880.6**
Stddev	28.1	87.	190.	23.2
%RSD	.30459	.07489	1.3646	.39395
#1	9202.7	115650.	14146.	5854.0
#2	9252.5	115620.	13817.	5891.4
#3	9250.1	115490.	13817.	5896.4

Zoom In Zoom Out

Sample Name: CRID Acquired: 1/27/2025 8:33:21 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0001**	**.1148**	F **-.0006**	**.0043**	**.0034**	**.0010**	**.0024**	**1.047**
Stddev	.0003	.0046	.0012	.0001	.0004	.0000	.0001	.004
%RSD	240.3	4.015	196.8	1.763	10.75	3.482	4.830	.3753
#1	-.0002	.1158	.0006	.0044	.0036	.0009	.0025	1.048
#2	-.0004	.1098	-.0007	.0043	.0036	.0010	.0023	1.042
#3	.0002	.1189	-.0018	.0043	.0030	.0010	.0023	1.050
Check ?	Chk Fail	Chk Pass	Chk Fail	None	Chk Pass	Chk Pass	None	Chk Pass
Value	.0020		.0030					
Range	-20.00%		-20.00%					

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.0013**	**.0015**	**.0032**	**.0024**	F **.0005**	**.0011**	**1.989**	**.0008**
Stddev	.0001	.0028	.0002	.0004	.0003	.0043	.022	.0006
%RSD	5.754	187.6	5.050	16.85	55.31	392.7	1.132	81.83
#1	.0014	.0026	.0033	.0028	.0007	-.0002	1.987	.0015
#2	.0013	-.0017	.0031	.0023	.0006	.0059	1.968	.0006
#3	.0013	.0036	.0030	.0021	.0002	-.0024	2.013	.0002
Check ?	Chk Fail	None	Chk Pass	Chk Pass	Chk Fail	None	Chk Pass	None
Value	.0010				.0020			
Range	20.00%				-20.00%			

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1133**	**.0031**	**.0005**	**1.051**	F **.0031**	**.0063**	F **.0018**	**-.0018**
Stddev	.0144	.0000	.0003	.016	.0005	.0016	.0008	.0028
%RSD	12.72	.5990	58.00	1.564	14.99	25.46	44.97	156.2
#1	.1295	.0031	.0004	1.033	.0029	.0050	.0012	-.0009
#2	.1020	.0031	.0009	1.054	.0037	.0058	.0015	-.0050
#3	.1083	.0031	.0003	1.065	.0028	.0080	.0027	.0005
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Fail	None	Chk Fail	None
Value					.0040		.0025	
Range					-20.00%		-20.00%	

Zoom In Zoom Out

Sample Name: CRID Acquired: 1/27/2025 8:33:21 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0002**	**.0046**	**-.0032**	**-.0009**	**-.0003**	**-.0003**	F **.0000**	**.0019**
Stddev	.0024	.0008	.0004	.0011	.0000	.0006	.0017	.0001
%RSD	1180.	17.68	12.59	113.6	5.667	183.8	9451.	7.225
#1	-.0027	.0051	-.0033	.0003	-.0003	.0001	.0009	.0018
#2	.0001	.0051	-.0036	-.0015	-.0003	-.0001	-.0020	.0020
#3	.0020	.0037	-.0028	-.0016	-.0003	-.0010	.0012	.0018
Check ?	Chk Fail	Chk Pass	None	None	None	None	Chk Fail	Chk Pass
Value	.0030						.0020	
Range	-20.00%						-20.00%	

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0009**	**.0103**	**-.0002**
Stddev	.0002	.0001	.0002
%RSD	19.42	.6606	161.2
#1	-.0010	.0103	-.0002
#2	-.0009	.0104	.0001
#3	-.0007	.0104	-.0004
Check ?	None	Chk Pass	None
Value			
Range			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9348.5**	**116500.**	**14035.**	**5937.3**
Stddev	27.5	98.	76.	20.2
%RSD	.29419	.08383	.54123	.34057
#1	9380.2	116450.	14118.	5960.6
#2	9330.3	116610.	13968.	5925.1
#3	9335.2	116430.	14019.	5926.1

Zoom In Zoom Out

Sample Name: ICSA Acquired: 1/27/2025 8:38:09 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**499.4**	**.0009**	**.0052**	**.0072**	**.0000**	**.0063**	**389.3**	**.0008**
Stddev	.0006	10.5	.0019	.0005	.0002	.0000	.0026	7.6	.0002
%RSD	57.47	2.106	217.5	9.197	2.350	595.5	40.98	1.962	26.33
#1	-.0017	503.0	.0016	.0054	.0070	-.0000	.0092	384.2	.0010
#2	-.0010	507.6	-.0013	.0056	.0072	.0000	.0055	398.1	.0008
#3	-.0005	487.5	.0023	.0047	.0073	-.0000	.0042	385.7	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0190**	**.0004**	**-.0005**	**.0074**	**193.9**	**-.1846**	**-.0030**	**494.2**	**-.0067**
Stddev	.0037	.0001	.0002	.0010	6.6	.0719	.0022	3.6	.0001
%RSD	19.26	13.60	47.04	13.33	3.409	38.97	71.71	.7339	1.334
#1	.0190	.0004	-.0006	.0083	195.7	-.2030	-.0011	497.6	-.0066
#2	.0154	.0003	-.0006	.0075	199.5	-.2455	-.0053	494.5	-.0068
#3	.0227	.0004	-.0002	.0063	186.6	-.1053	-.0026	490.4	-.0066
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0032**	**.0836**	**-.0028**	**-.0209**	**-.0018**	**-.0184**	**.0004**	**-.0047**	**-.0091**
Stddev	.0004	.0061	.0007	.0022	.0017	.0033	.0018	.0027	.0017
%RSD	11.28	7.256	25.06	10.46	93.61	18.08	515.5	57.51	18.48
#1	.0028	.0816	-.0025	-.0198	-.0027	-.0169	.0023	-.0078	-.0099
#2	.0034	.0904	-.0036	-.0234	.0001	-.0222	-.0013	-.0030	-.0103
#3	.0034	.0788	-.0023	-.0194	-.0029	-.0161	.0001	-.0032	-.0072
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 1/27/2025 8:38:09 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0037**	**.0001**	**-.0022**	**-.0001**	**-.0004**	**.0030**	**.0049**	**.0004**
Stddev	.0022	.0001	.0005	.0009	.0003	.0009	.0003	.0005
%RSD	60.00	69.68	24.75	1766.	66.08	31.90	5.294	111.2
#1	-.0046	.0002	-.0016	.0010	-.0007	.0031	.0046	.0002
#2	-.0012	.0000	-.0026	-.0006	-.0005	.0020	.0050	.0010
#3	-.0054	.0001	-.0023	-.0006	-.0001	.0039	.0050	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8581.6**	**109870.**	**13663.**	**5569.3**
Stddev	17.6	647.	131.	12.2
%RSD	.20452	.58925	.95827	.21841
#1	8598.9	110070.	13582.	5576.2
#2	8582.0	109140.	13592.	5576.4
#3	8563.8	110390.	13814.	5555.2

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 1/27/2025 8:43:12 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.028**	**493.2**	**.9373**	**.4762**	**.4725**	**.4688**	**.5171**	**379.5**	**.9725**
Stddev	.002	6.1	.0060	.0013	.0007	.0010	.0002	8.4	.0016
%RSD	.1483	1.244	.6446	.2756	.1447	.2088	.0359	2.217	.1635
#1	1.029	497.3	.9438	.4748	.4733	.4699	.5171	388.3	.9717
#2	1.030	496.2	.9319	.4774	.4723	.4683	.5173	371.5	.9714
#3	1.027	486.1	.9363	.4762	.4721	.4682	.5169	378.8	.9743
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0152**	**.4656**	**.4343**	**.4886**	**192.4**	**-.1812**	**.5377**	**485.4**	**.4693**
Stddev	.0046	.0014	.0001	.0004	4.8	.0890	.0027	.2	.0006
%RSD	30.40	.3018	.0125	.0756	2.504	49.14	.4931	.0441	.1268
#1	.0122	.4661	.4343	.4890	188.1	-.2776	.5408	485.7	.4697
#2	.0128	.4640	.4342	.4882	197.6	-.1638	.5359	485.3	.4686
#3	.0205	.4666	.4343	.4885	191.6	-.1021	.5364	485.3	.4697
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4727**	**.1111**	**.9160**	F **.3973**	**.8786**	**.4909**	**1.033**	**.9600**	**.4878**
Stddev	.0009	.0077	.0013	.0026	.0036	.0008	.004	.0002	.0018
%RSD	.1845	6.949	.1369	.6576	.4048	.1600	.4155	.0200	.3627
#1	.4732	.1184	.9151	.3995	.8796	.4912	1.034	.9598	.4897
#2	.4717	.1119	.9154	.3944	.8746	.4901	1.028	.9601	.4873
#3	.4732	.1030	.9174	.3981	.8815	.4916	1.036	.9601	.4863
Check ?	Chk Pass	None	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				.5000					
Range				-20.00%					

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 1/27/2025 8:43:12 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4662**	**.4651**	**.4730**	**.9368**	**.4573**	**.4633**	**.8820**	**.4420**
Stddev	.0015	.0007	.0009	.0014	.0007	.0007	.0016	.0007
%RSD	.3150	.1596	.1979	.1528	.1435	.1445	.1780	.1519
#1	.4648	.4660	.4740	.9357	.4579	.4629	.8828	.4422
#2	.4660	.4648	.4725	.9384	.4575	.4629	.8802	.4412
#3	.4677	.4645	.4724	.9362	.4566	.4641	.8831	.4425
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8651.1**	**110600.**	**13819.**	**5616.5**
Stddev	5.0	385.	19.	3.9
%RSD	.05816	.34775	.13847	.07007
#1	8655.0	110340.	13841.	5616.0
#2	8653.0	111040.	13806.	5620.6
#3	8645.5	110420.	13810.	5612.8

Zoom In Zoom Out

Sample Name: HSTD Acquired: 1/27/2025 8:48:13 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6243**	**-.1316**	**7.632**	**7.621**	**7.737**	**7.730**	**7.881**	**-.0385**	**7.336**
Stddev	.0007	.0122	.013	.014	.097	.171	.017	.0039	.010
%RSD	.1107	9.288	.1688	.1884	1.247	2.216	.2138	10.23	.1375
#1	.6239	-.1175	7.637	7.621	7.650	7.572	7.882	-.0346	7.339
#2	.6251	-.1378	7.617	7.607	7.722	7.912	7.863	-.0425	7.324
#3	.6238	-.1394	7.641	7.635	7.841	7.706	7.897	-.0383	7.344
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0240**	**7.727**	**7.791**	**7.514**	**-.2921**	**.4185**	**7.888**	**.0685**	**7.838**
Stddev	.0050	.016	.003	.014	.0010	.0279	.001	.0122	.091
%RSD	20.82	.2051	.0437	.1794	.3504	6.673	.0106	17.81	1.166
#1	.0219	7.730	7.787	7.505	-.2915	.4098	7.887	.0824	7.852
#2	.0297	7.709	7.793	7.530	-.2916	.4497	7.888	.0597	7.740
#3	.0204	7.741	7.792	7.508	-.2933	.3959	7.888	.0633	7.921
Check ?	None	Chk Pass	Chk Pass	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.790**	**.1375**	**7.752**	F **6.666**	**7.793**	**95.09**	**7.781**	**7.674**	**25.07**
Stddev	.015	.0093	.015	.009	.010	.18	.018	.014	.07
%RSD	.1952	6.738	.1931	.1417	.1264	.1893	.2305	.1809	.2684
#1	7.793	.1417	7.757	6.674	7.795	95.23	7.787	7.678	25.06
#2	7.773	.1269	7.736	6.656	7.783	94.89	7.761	7.658	25.01
#3	7.803	.1440	7.765	6.667	7.802	95.16	7.796	7.685	25.15
Check ?	Chk Pass	None	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				8.000					
Range				-10.00%					

Zoom In Zoom Out

Sample Name: HSTD Acquired: 1/27/2025 8:48:13 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.984**	**7.543**	**7.709**	**7.204**	**7.637**	**7.947**	**7.891**	**7.736**
Stddev	.016	.103	.002	.020	.123	.010	.012	.009
%RSD	.2048	1.369	.0272	.2729	1.607	.1314	.1534	.1163
#1	7.996	7.431	7.707	7.203	7.600	7.947	7.900	7.732
#2	7.966	7.635	7.710	7.185	7.536	7.937	7.878	7.730
#3	7.992	7.562	7.711	7.225	7.773	7.958	7.897	7.747
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9432.7**	**117060.**	**14250.**	**5863.8**
Stddev	19.7	668.	98.	14.9
%RSD	.20908	.57077	.68896	.25445
#1	9430.4	117660.	14363.	5862.9
#2	9414.2	117180.	14184.	5849.3
#3	9453.4	116340.	14204.	5879.1

Zoom In Zoom Out

Sample Name: HSTD Acquired: 1/27/2025 8:53:37 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**298.3**	**.0020**	**.0199**	**.0044**	**.0004**	**.0064**	**195.7**	**.0014**
Stddev	.0005	1.4	.0011	.0005	.0003	.0001	.0027	4.4	.0002
%RSD	66.10	.4526	53.43	2.636	5.712	20.55	41.90	2.233	17.13
#1	-.0006	299.5	.0017	.0201	.0042	.0004	.0055	190.6	.0015
#2	-.0004	296.8	.0032	.0193	.0047	.0004	.0043	198.4	.0015
#3	-.0014	298.5	.0011	.0203	.0045	.0005	.0094	198.0	.0011
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass	None
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0154**	**.0006**	**-.0001**	**.0085**	**198.0**	**200.8**	**.0061**	**295.7**	**-.0038**
Stddev	.0019	.0002	.0003	.0003	1.7	.3	.0010	.3	.0001
%RSD	12.53	31.71	245.8	3.760	.8380	.1249	16.29	.0936	1.760
#1	.0133	.0008	-.0004	.0087	199.7	200.6	.0072	295.4	-.0038
#2	.0157	.0004	-.0001	.0086	198.1	201.0	.0056	295.8	-.0039
#3	.0171	.0005	.0002	.0081	196.4	200.6	.0054	296.0	-.0039
Check ?	None	None	None	None	Chk Pass	Chk Pass	None	Chk Pass	None
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0096**	**199.6**	**-.0019**	**-.0134**	**.0014**	**-.0122**	**-.0000**	**-.0058**	**-.0017**
Stddev	.0010	4.5	.0003	.0015	.0012	.0014	.0026	.0011	.0022
%RSD	10.80	2.264	17.65	11.27	82.33	11.67	5580.	18.56	127.1
#1	.0106	194.4	-.0018	-.0131	.0017	-.0106	-.0031	-.0070	.0006
#2	.0095	201.9	-.0023	-.0150	.0025	-.0127	.0018	-.0048	-.0037
#3	.0086	202.4	-.0016	-.0120	.0002	-.0132	.0011	-.0057	-.0021
Check ?	None	Chk Pass	None	None	None	None	None	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: HSTD Acquired: 1/27/2025 8:53:37 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0004**	**-.0009**	**.0005**	**-.0003**	**.0055**	**.0049**	**.0024**
Stddev	.0020	.0001	.0005	.0009	.0001	.0008	.0002	.0004
%RSD	151.2	33.40	48.63	159.2	22.10	14.73	3.682	15.46
#1	.0010	.0002	-.0012	-.0002	-.0003	.0053	.0051	.0028
#2	-.0026	.0005	-.0004	.0015	-.0003	.0048	.0049	.0021
#3	-.0023	.0004	-.0012	.0004	-.0002	.0064	.0047	.0022
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8570.8**	**111290.**	**13794.**	**5578.0**
Stddev	26.9	470.	114.	19.8
%RSD	.31420	.42254	.82410	.35520
#1	8548.3	110800.	13924.	5562.8
#2	8600.7	111740.	13714.	5600.4
#3	8563.5	111330.	13745.	5570.8

Zoom In Zoom Out

Sample Name: FECONF Acquired: 1/27/2025 8:58:48 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**-.0078**	**-.0001**	**.0088**	**-.0002**	**.0001**	**.0065**	**.0063**	**.0012**
Stddev	.0006	.0083	.0029	.0004	.0005	.0000	.0009	.0023	.0002
%RSD	165.0	106.9	4941.	4.211	290.5	36.36	14.31	37.22	17.40
#1	-.0001	-.0001	.0033	.0092	-.0006	.0001	.0074	.0086	.0014
#2	-.0011	-.0066	-.0013	.0087	-.0004	.0001	.0056	.0039	.0013
#3	.0001	-.0166	-.0021	.0085	.0004	.0001	.0066	.0064	.0010

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0108**	**.0007**	**-.0009**	**.0085**	**197.6**	**-.2326**	**.0004**	**-.0145**	**-.0013**
Stddev	.0009	.0002	.0002	.0003	1.3	.0627	.0013	.0086	.0000
%RSD	8.340	33.76	22.05	2.987	.6726	26.96	339.5	59.60	3.009
#1	.0111	.0007	-.0008	.0082	196.1	-.1815	.0019	-.0223	-.0012
#2	.0098	.0010	-.0011	.0087	198.6	-.2138	-.0007	-.0052	-.0013
#3	.0115	.0005	-.0007	.0086	198.0	-.3026	-.0000	-.0161	-.0013

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0035**	**.0461**	**-.0021**	**-.0037**	**.0062**	**-.0057**	**.0010**	**-.0063**	**-.0034**
Stddev	.0001	.0065	.0002	.0022	.0013	.0036	.0006	.0018	.0012
%RSD	4.188	14.09	11.35	58.64	20.50	62.44	58.16	29.23	36.74
#1	.0033	.0499	-.0019	-.0060	.0077	-.0017	.0006	-.0078	-.0046
#2	.0036	.0386	-.0021	-.0037	.0053	-.0071	.0017	-.0042	-.0021
#3	.0035	.0498	-.0024	-.0016	.0056	-.0083	.0008	-.0069	-.0034

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0003**	**.0001**	**.0012**	**-.0011**	**.0013**	**.0033**	**.0006**
Stddev	.0014	.0001	.0006	.0014	.0002	.0008	.0000	.0002
%RSD	638.3	46.86	469.1	114.4	15.65	59.09	.9041	37.32
#1	-.0010	-.0002	-.0001	.0026	-.0013	.0016	.0033	.0005
#2	.0014	-.0002	-.0003	.0015	-.0012	.0018	.0033	.0004
#3	-.0011	-.0004	.0008	-.0003	-.0010	.0004	.0033	.0008

Zoom In Zoom Out

Sample Name: FECONF Acquired: 1/27/2025 8:58:48 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9509.8**	**118010.**	**14183.**	**5943.3**
Stddev	31.7	351.	66.	18.7
%RSD	.33282	.29708	.46394	.31418
#1	9545.3	117810.	14237.	5964.2
#2	9484.4	117800.	14110.	5928.3
#3	9499.7	118410.	14203.	5937.3

Zoom In Zoom Out

Sample Name: ALCONF Acquired: 1/27/2025 9:03:42 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	F **447.7**	**-.0008**	**.0079**	**.0042**	**.0000**	**.0006**	**.0097**
Stddev	.0002	5.4	.0016	.0010	.0002	.0002	.0013	.0026
%RSD	26.08	1.199	189.4	13.12	4.156	403.4	203.4	27.19
#1	-.0010	453.4	-.0010	.0082	.0044	.0001	.0021	.0123
#2	-.0006	442.7	-.0023	.0088	.0042	.0002	.0001	.0095
#3	-.0006	447.0	.0008	.0068	.0041	-.0001	-.0003	.0071

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0081**	**-.0001**	**.0001**	**.0003**	**.0420**	**-.0499**	**-.0014**
Stddev	.0002	.0021	.0001	.0002	.0003	.0031	.0261	.0014
%RSD	346.4	25.88	122.5	274.8	85.34	7.471	52.34	101.0
#1	-.0001	.0083	-.0001	.0002	.0004	.0438	-.0342	-.0029
#2	.0002	.0101	-.0002	-.0001	.0006	.0384	-.0355	-.0001
#3	.0001	.0059	.0000	.0001	.0000	.0439	-.0801	-.0013

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0005**	**.0029**	**.0515**	**.0002**	**-.0012**	F **-.0103**	**-.0023**
Stddev	.0068	.0000	.0007	.0239	.0003	.0005	.0025	.0101
%RSD	3030.	8.002	23.99	46.46	188.6	40.29	24.61	445.1
#1	-.0059	-.0004	.0032	.0243	.0000	-.0008	-.0074	.0091
#2	-.0021	-.0005	.0021	.0606	-.0000	-.0011	-.0121	-.0059
#3	.0073	-.0005	.0034	.0694	.0005	-.0017	-.0113	-.0099

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**-.0011**	**.0140**	**-.0003**	**-.0002**	**.0003**	**.0014**	**.0003**
Stddev	.0021	.0006	.0009	.0027	.0001	.0004	.0022	.0002
%RSD	198.3	59.61	6.216	1094.	39.90	140.6	154.0	55.42
#1	.0009	-.0012	.0131	-.0027	-.0002	.0006	.0001	.0002
#2	-.0008	-.0004	.0148	-.0008	-.0001	.0004	.0040	.0005
#3	-.0033	-.0016	.0140	.0027	-.0001	-.0002	.0003	.0003

Zoom In Zoom Out

Sample Name: ALCONF Acquired: 1/27/2025 9:03:42 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0006**	**.0013**	**-.0001**
Stddev	.0023	.0002	.0001
%RSD	411.1	14.11	67.39
#1	.0014	.0011	-.0001
#2	-.0030	.0015	-.0001
#3	-.0000	.0014	-.0000

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9160.4**	**113860.**	**14144.**	**6118.2**
Stddev	14.3	829.	35.	5.2
%RSD	.15652	.72784	.24653	.08487
#1	9161.7	114790.	14105.	6118.5
#2	9174.0	113200.	14173.	6123.2
#3	9145.4	113580.	14153.	6112.8

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 9:08:36 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2513**	**40.42**	**2.016**	**1.971**	**1.983**	**2.012**	**2.018**	**41.07**	**2.001**
Stddev	.0000	.06	.002	.003	.004	.003	.001	.07	.002
%RSD	.0107	.1438	.0856	.1341	.1856	.1671	.0523	.1730	.0883
#1	.2513	40.46	2.018	1.973	1.987	2.012	2.017	41.13	2.001
#2	.2513	40.44	2.017	1.968	1.982	2.015	2.019	41.08	2.000
#3	.2513	40.35	2.014	1.973	1.980	2.008	2.019	40.99	2.003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.016**	**1.988**	**1.986**	**2.004**	**40.58**	**40.21**	**2.039**	**41.20**	**2.037**
Stddev	.008	.001	.006	.006	.08	.11	.005	.08	.010
%RSD	.4186	.0584	.2920	.2794	.2030	.2844	.2559	.1964	.5084
#1	2.024	1.987	1.992	2.009	40.60	40.19	2.042	41.28	2.045
#2	2.017	1.987	1.985	2.004	40.65	40.33	2.042	41.19	2.039
#3	2.007	1.989	1.981	1.998	40.49	40.10	2.033	41.12	2.025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.037**	**40.71**	**1.986**	F **1.656**	**1.987**	**1.958**	**2.031**	**1.978**	**5.004**
Stddev	.003	.02	.002	.004	.004	.009	.002	.005	.005
%RSD	.1515	.0560	.1177	.2502	.1810	.4797	.1202	.2775	.0954
#1	2.035	40.72	1.988	1.652	1.989	1.947	2.028	1.976	5.002
#2	2.035	40.73	1.984	1.660	1.982	1.961	2.033	1.984	5.001
#3	2.040	40.69	1.987	1.657	1.988	1.965	2.031	1.974	5.010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				2.000					
Range				-10.00%					

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 9:08:36 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.033**	**1.976**	**2.028**	**1.992**	**1.972**	**1.997**	**1.983**	**2.045**
Stddev	.004	.003	.006	.003	.005	.003	.002	.007
%RSD	.1840	.1409	.3001	.1349	.2794	.1377	.0852	.3587
#1	2.037	1.977	2.034	1.995	1.978	1.998	1.984	2.049
#2	2.032	1.978	2.027	1.989	1.972	1.994	1.983	2.049
#3	2.030	1.972	2.022	1.992	1.967	1.999	1.981	2.036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9095.1**	**114140.**	**13888.**	**5835.8**
Stddev	15.8	1166.	77.	13.4
%RSD	.17384	1.0215	.55376	.22959
#1	9112.9	113040.	13970.	5850.6
#2	9082.7	114010.	13818.	5824.6
#3	9089.8	115360.	13875.	5832.0

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 9:13:08 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0081**	**.0006**	**.0098**	**.0001**	**.0001**	**.0002**	**-.0026**	**.0000**
Stddev	.0005	.0124	.0013	.0010	.0005	.0001	.0024	.0024	.0001
%RSD	202.1	153.9	208.2	10.25	477.9	116.1	1336.	93.03	325.6
#1	.0007	.0054	.0001	.0108	.0003	-.0000	-.0017	-.0043	.0000
#2	-.0003	-.0106	.0021	.0096	.0004	.0001	-.0006	.0002	-.0001
#3	.0003	-.0190	-.0003	.0088	-.0004	.0001	.0028	-.0036	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024**	**.0003**	**.0003**	**.0002**	**.0017**	**.0221**	**-.0011**	**-.0044**	**.0000**
Stddev	.0041	.0001	.0001	.0007	.0010	.0533	.0027	.0075	.0000
%RSD	173.5	47.82	29.05	426.5	60.44	240.9	249.5	171.8	295.9
#1	.0024	.0003	.0004	.0007	.0020	.0245	-.0039	.0038	.0000
#2	.0064	.0002	.0002	-.0006	.0026	.0741	-.0007	-.0110	-.0000
#3	-.0018	.0005	.0003	.0004	.0006	-.0323	.0014	-.0061	-.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020**	**.0427**	**.0002**	**.0063**	**.0012**	**-.0038**	**-.0013**	**.0011**	**.0043**
Stddev	.0005	.0237	.0005	.0024	.0007	.0026	.0015	.0019	.0022
%RSD	26.41	55.42	316.9	38.34	56.84	68.93	115.3	161.8	49.65
#1	.0026	.0251	-.0001	.0044	.0019	-.0021	-.0002	.0012	.0019
#2	.0017	.0334	.0007	.0055	.0006	-.0025	-.0007	-.0007	.0057
#3	.0017	.0696	-.0002	.0090	.0010	-.0068	-.0029	.0030	.0054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 9:13:08 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**-.0000**	**.0005**	**.0010**	**.0000**	**.0013**	**-.0001**	**-.0002**
Stddev	.0009	.0002	.0003	.0011	.0002	.0013	.0001	.0003
%RSD	124.5	513.1	71.25	112.1	436.8	99.41	80.13	135.3
#1	-.0015	.0000	.0007	-.0000	-.0001	.0014	-.0001	-.0004
#2	-.0011	-.0002	.0001	.0022	.0003	-.0000	-.0000	.0001
#3	.0003	.0001	.0005	.0008	-.0000	.0026	-.0001	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9396.0**	**117190.**	**14148.**	**5948.6**
Stddev	16.1	864.	55.	4.9
%RSD	.17143	.73716	.38853	.08208
#1	9414.3	116450.	14152.	5951.6
#2	9389.4	118140.	14091.	5943.0
#3	9384.2	116990.	14201.	5951.2

Zoom In Zoom Out

Sample Name: CRID Acquired: 1/27/2025 9:17:56 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0003**	**.0996**	**.0026**	**.0079**	**.0041**	**.0011**	**.0016**	**1.058**
Stddev	.0004	.0064	.0023	.0003	.0002	.0001	.0023	.003
%RSD	154.6	6.466	85.88	4.353	4.741	8.519	141.4	.2570
#1	-.0003	.1035	.0001	.0080	.0042	.0010	.0026	1.055
#2	.0002	.1032	.0045	.0082	.0041	.0010	.0033	1.061
#3	-.0006	.0922	.0033	.0075	.0038	.0012	-.0010	1.057
Check ?	Chk Fail	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass
Value	.0020							
Range	-20.00%							

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.0012**	**.0019**	**.0034**	**.0021**	F **.0001**	**.0062**	**1.947**	**-.0028**
Stddev	.0002	.0014	.0001	.0002	.0006	.0009	.036	.0016
%RSD	12.10	73.32	2.287	10.56	432.7	14.24	1.827	58.04
#1	.0011	.0015	.0034	.0022	-.0003	.0071	1.935	-.0024
#2	.0013	.0033	.0033	.0022	.0008	.0053	1.987	-.0014
#3	.0014	.0007	.0035	.0018	-.0001	.0063	1.918	-.0045
Check ?	Chk Fail	None	Chk Pass	Chk Pass	Chk Fail	None	Chk Pass	None
Value	.0010				.0020			
Range	20.00%				-20.00%			

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.1329**	**.0032**	**.0008**	**1.043**	**.0041**	**.0079**	F **.0013**	**-.0058**
Stddev	.0149	.0001	.0003	.018	.0004	.0015	.0007	.0021
%RSD	11.21	2.630	36.58	1.773	8.783	18.55	50.72	36.87
#1	.1501	.0033	.0005	1.030	.0038	.0067	.0017	-.0069
#2	.1249	.0033	.0007	1.034	.0041	.0095	.0017	-.0033
#3	.1237	.0031	.0011	1.064	.0045	.0075	.0005	-.0072
Check ?	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Fail	None
Value	.1000						.0025	
Range	20.00%						-20.00%	

Zoom In Zoom Out

Sample Name: CRID Acquired: 1/27/2025 9:17:56 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0003**	F **.0036**	**-.0028**	**-.0010**	**-.0003**	**.0000**	**.0022**	**.0019**
Stddev	.0003	.0031	.0002	.0008	.0002	.0003	.0006	.0001
%RSD	94.76	84.74	6.528	84.60	69.81	743.4	29.86	6.274
#1	-.0006	.0066	-.0030	-.0000	-.0005	-.0003	.0018	.0020
#2	.0000	.0005	-.0026	-.0016	-.0004	.0001	.0018	.0018
#3	-.0004	.0038	-.0028	-.0014	-.0001	.0003	.0029	.0019
Check ?	Chk Fail	Chk Fail	None	None	None	None	Chk Pass	Chk Pass
Value	.0030	.0050						
Range	-20.00%	-20.00%						

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0013**	**.0106**	**.0001**
Stddev	.0003	.0000	.0001
%RSD	19.05	.4349	105.2
#1	-.0016	.0106	.0002
#2	-.0014	.0106	.0000
#3	-.0011	.0106	.0001
Check ?	None	Chk Pass	None
Value			
Range			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9334.1**	**116840.**	**14077.**	**5910.4**
Stddev	11.6	747.	107.	9.3
%RSD	.12404	.63961	.76258	.15758
#1	9328.9	116390.	14194.	5905.2
#2	9347.3	116430.	13984.	5921.2
#3	9326.0	117700.	14053.	5904.9

Zoom In Zoom Out

Sample Name: MP52394-MB1 Acquired: 1/27/2025 9:22:44 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0085**	**-.0014**	**.0078**	**.0007**	**.0001**	**.0024**	**.0416**	**.0002**
Stddev	.0003	.0101	.0017	.0009	.0006	.0001	.0011	.0021	.0001
%RSD	443.2	118.3	119.6	11.44	90.07	124.8	44.90	5.046	36.32
#1	-.0002	.0016	-.0012	.0082	.0010	.0002	.0018	.0435	.0003
#2	.0001	.0039	-.0032	.0084	-.0000	.0001	.0017	.0393	.0002
#3	.0004	.0201	.0002	.0068	.0011	-.0000	.0036	.0418	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024**	**.0002**	**.0005**	**.0010**	**.0345**	**-.0005**	**-.0007**	**.0158**	**.0003**
Stddev	.0046	.0001	.0001	.0006	.0027	.0335	.0024	.0150	.0000
%RSD	188.3	61.35	22.53	58.46	7.903	6473.	335.3	94.95	2.541
#1	-.0028	.0001	.0005	.0006	.0319	.0245	-.0034	.0232	.0003
#2	.0042	.0002	.0003	.0017	.0342	.0124	.0006	.0256	.0003
#3	.0059	.0004	.0005	.0008	.0373	-.0385	.0007	-.0015	.0003

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0648**	**.0002**	**.0264**	**.0009**	**.0349**	**.0002**	**-.0002**	**.0118**
Stddev	.0001	.0064	.0002	.0005	.0007	.0099	.0023	.0004	.0158
%RSD	24.40	9.885	104.5	1.971	74.59	28.27	1056.	202.2	133.9
#1	.0005	.0702	.0003	.0262	.0012	.0454	-.0005	.0003	.0031
#2	.0006	.0577	.0004	.0270	.0001	.0334	.0028	-.0006	.0022
#3	.0007	.0664	-.0000	.0260	.0014	.0258	-.0017	-.0003	.0300

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0156**	**-.0001**	**.0009**	**-.0011**	**-.0000**	**.0004**	**.0093**	**-.0003**
Stddev	.0003	.0001	.0003	.0003	.0003	.0010	.0002	.0001
%RSD	2.086	80.53	29.90	23.23	5218.	259.9	1.648	19.23
#1	.0156	-.0001	.0012	-.0013	-.0004	-.0002	.0094	-.0003
#2	.0159	-.0001	.0007	-.0008	.0002	-.0002	.0095	-.0003
#3	.0153	-.0002	.0008	-.0013	.0002	.0015	.0092	-.0004

Zoom In Zoom Out

Sample Name: MP52394-MB1 Acquired: 1/27/2025 9:22:44 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9316.8**	**116000.**	**14029.**	**5882.8**
Stddev	14.9	618.	67.	10.5
%RSD	.15998	.53312	.48109	.17854
#1	9325.4	116050.	13984.	5889.3
#2	9325.3	116590.	14107.	5888.3
#3	9299.5	115360.	13997.	5870.6

Zoom In Zoom Out

Sample Name: MP52394-B1 Acquired: 1/27/2025 9:27:33 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2458**	**24.11**	**1.870**	**1.824**	**1.869**	**1.915**	**-.0187**	**24.52**
Stddev	.0005	.05	.003	.001	.004	.006	.0005	.07
%RSD	.2024	.2097	.1656	.0690	.2367	.2902	2.446	.3033
#1	.2464	24.17	1.867	1.823	1.874	1.921	-.0186	24.60
#2	.2455	24.08	1.869	1.823	1.867	1.914	-.0184	24.46
#3	.2456	24.08	1.873	1.825	1.866	1.910	-.0193	24.48

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.904**	**.0097**	**1.898**	**1.887**	**1.827**	**24.36**	**24.02**	**-.0017**
Stddev	.003	.0027	.003	.002	.003	.04	.05	.0021
%RSD	.1352	27.45	.1372	.1139	.1501	.1694	.2257	126.6
#1	1.902	.0127	1.898	1.889	1.826	24.39	24.08	-.0024
#2	1.904	.0086	1.895	1.885	1.830	24.38	23.99	.0007
#3	1.907	.0077	1.900	1.888	1.825	24.31	23.98	-.0033

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.69**	**1.939**	**1.914**	**24.33**	**1.891**	**1.562**	**1.901**	**.0269**
Stddev	.09	.004	.005	.03	.002	.002	.004	.0020
%RSD	.3807	.2234	.2602	.1335	.1040	.1269	.2175	7.605
#1	24.78	1.935	1.910	24.34	1.889	1.560	1.898	.0249
#2	24.60	1.943	1.912	24.35	1.892	1.564	1.899	.0269
#3	24.68	1.940	1.920	24.29	1.893	1.561	1.906	.0289

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.929**	**1.887**	**-.0507**	**1.924**	**1.857**	**1.913**	W **1.699**	**1.854**
Stddev	.004	.004	.0006	.008	.004	.003	.003	.003
%RSD	.1789	.1864	1.125	.3991	.1912	.1466	.1755	.1357
#1	1.927	1.884	-.0502	1.919	1.860	1.917	1.695	1.857
#2	1.926	1.891	-.0506	1.921	1.858	1.912	1.701	1.854
#3	1.933	1.887	-.0514	1.933	1.853	1.912	1.699	1.852

Zoom In Zoom Out

Sample Name: MP52394-B1 Acquired: 1/27/2025 9:27:33 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.256**	**1.895**	**2.003**
Stddev	.009	.003	.004
%RSD	.7142	.1658	.1973
#1	1.248	1.892	2.000
#2	1.256	1.896	2.008
#3	1.266	1.898	2.002

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9164.0**	**115650.**	**14191.**	**5827.2**
Stddev	29.3	565.	59.	20.4
%RSD	.31940	.48815	.41414	.35042
#1	9173.2	116210.	14123.	5834.9
#2	9131.3	115670.	14219.	5804.1
#3	9187.7	115080.	14231.	5842.7

Zoom In Zoom Out

Sample Name: JE4649-10 Acquired: 1/27/2025 9:32:06 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**48.27**	**.0581**	**.0322**	**.5121**	**.0039**	**-.0157**	**87.09**	**.0021**
Stddev	.0005	.06	.0013	.0001	.0015	.0000	.0023	.30	.0002
%RSD	114.1	.1322	2.293	.2813	.2868	.8783	14.50	.3434	10.84
#1	.0010	48.34	.0571	.0322	.5137	.0040	-.0149	87.31	.0023
#2	-.0000	48.24	.0575	.0323	.5108	.0039	-.0183	86.75	.0018
#3	.0004	48.22	.0596	.0321	.5118	.0039	-.0140	87.21	.0020

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2518**	**.0455**	**.1117**	**.2709**	**107.1**	**9.296**	**.0701**	**31.40**	**1.770**
Stddev	.0036	.0001	.0003	.0004	.2	.062	.0022	.10	.003
%RSD	1.435	.1937	.2654	.1516	.1748	.6686	3.125	.3295	.1460
#1	.2506	.0455	.1120	.2704	107.3	9.323	.0707	31.48	1.769
#2	.2489	.0454	.1114	.2711	107.1	9.339	.0677	31.28	1.773
#3	.2558	.0455	.1117	.2711	106.9	9.224	.0720	31.42	1.769

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0067**	**2.316**	**.1744**	**2.363**	**.8959**	**4.710**	**-.0008**	**.0021**	**1.109**
Stddev	.0005	.011	.0004	.002	.0036	.016	.0007	.0011	.010
%RSD	6.746	.4733	.2129	.0630	.4059	.3376	90.63	51.12	.9297
#1	.0072	2.310	.1747	2.362	.8919	4.701	-.0010	.0013	1.110
#2	.0064	2.329	.1740	2.365	.8967	4.701	-.0014	.0017	1.098
#3	.0064	2.310	.1744	2.362	.8990	4.729	.0000	.0033	1.119

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0347**	**.2552**	**2.468**	**-.0001**	**.1658**	**.0141**	**.9617**	**.0401**
Stddev	.0010	.0004	.001	.0012	.0006	.0015	.0020	.0002
%RSD	2.774	.1748	.0256	978.3	.3674	10.56	.2068	.4894
#1	.0336	.2557	2.469	.0012	.1654	.0156	.9601	.0399
#2	.0353	.2551	2.468	-.0006	.1665	.0141	.9611	.0401
#3	.0352	.2548	2.468	-.0010	.1655	.0127	.9640	.0403

Zoom In Zoom Out

Sample Name: JE4649-10 Acquired: 1/27/2025 9:32:06 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9193.2**	**118390.**	**14495.**	**5991.6**
Stddev	12.1	717.	64.	9.0
%RSD	.13133	.60555	.44005	.15000
#1	9184.1	117820.	14561.	5986.3
#2	9188.5	118170.	14434.	5986.7
#3	9206.9	119200.	14491.	6002.0

Zoom In Zoom Out

Sample Name: JE4649-11 Acquired: 1/27/2025 9:36:46 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**47.34**	**.0325**	**.0363**	**.4436**	**.0046**	**-.0130**	**49.22**	**.0022**
Stddev	.0009	.01	.0018	.0008	.0010	.0001	.0011	.04	.0002
%RSD	274.2	.0308	5.555	2.261	.2338	2.334	8.475	.0764	7.348
#1	-.0010	47.36	.0344	.0369	.4440	.0046	-.0118	49.21	.0020
#2	-.0006	47.34	.0308	.0354	.4424	.0047	-.0131	49.19	.0024
#3	.0006	47.33	.0321	.0367	.4443	.0045	-.0140	49.27	.0022

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2718**	**.0497**	**.1082**	**.2771**	**104.6**	**7.790**	**.0726**	**26.38**	**2.706**
Stddev	.0017	.0001	.0007	.0012	.1	.052	.0023	.00	.050
%RSD	.6261	.1737	.6006	.4196	.0864	.6743	3.138	.0127	1.840
#1	.2715	.0498	.1088	.2784	104.6	7.808	.0741	26.38	2.719
#2	.2703	.0497	.1075	.2766	104.6	7.831	.0737	26.39	2.651
#3	.2737	.0497	.1084	.2763	104.5	7.731	.0700	26.38	2.748

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0067**	**2.467**	**.1750**	**2.215**	**1.291**	**2.953**	**.0010**	**-.0002**	**1.152**
Stddev	.0004	.011	.0003	.005	.003	.008	.0009	.0011	.005
%RSD	6.318	.4590	.1519	.2363	.2337	.2660	91.56	688.9	.4534
#1	.0063	2.468	.1749	2.214	1.291	2.951	.0013	-.0007	1.148
#2	.0071	2.455	.1753	2.209	1.288	2.946	.0016	.0011	1.151
#3	.0068	2.478	.1749	2.220	1.294	2.962	-.0000	-.0009	1.158

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0492**	**.1740**	**2.278**	**-.0002**	**.1536**	**.0094**	**1.354**	**.0377**
Stddev	.0007	.0002	.004	.0019	.0006	.0007	.002	.0002
%RSD	1.441	.1013	.1623	988.0	.3728	7.892	.1618	.5759
#1	.0484	.1742	2.281	-.0002	.1542	.0088	1.355	.0376
#2	.0498	.1739	2.274	-.0021	.1531	.0092	1.352	.0377
#3	.0494	.1739	2.280	.0017	.1535	.0102	1.356	.0380

Zoom In Zoom Out

Sample Name: JE4649-11 Acquired: 1/27/2025 9:36:46 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9270.2**	**119210.**	**14553.**	**6034.8**
Stddev	20.6	1216.	124.	18.0
%RSD	.22228	1.0197	.84949	.29870
#1	9275.9	118280.	14639.	6040.3
#2	9287.4	120580.	14412.	6049.5
#3	9247.4	118760.	14609.	6014.7

Zoom In Zoom Out

Sample Name: JE4649-12 Acquired: 1/27/2025 9:41:36 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**45.91**	**.0330**	**.0346**	**.4368**	**.0038**	**-.0134**	**64.52**	**.0023**
Stddev	.0005	.11	.0015	.0008	.0013	.0000	.0008	.27	.0003
%RSD	3035.	.2422	4.644	2.334	.2917	.4839	6.107	.4152	11.39
#1	.0002	45.78	.0337	.0338	.4356	.0038	-.0126	64.22	.0025
#2	-.0005	45.96	.0312	.0354	.4368	.0038	-.0133	64.58	.0023
#3	.0004	45.98	.0340	.0347	.4381	.0038	-.0142	64.74	.0020

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2589**	**.0465**	**.1053**	**.2256**	**103.6**	**7.317**	**.0681**	**26.62**	**1.582**
Stddev	.0043	.0002	.0005	.0009	.1	.042	.0017	.12	.004
%RSD	1.643	.5122	.5062	.3902	.1136	.5736	2.477	.4345	.2185
#1	.2546	.0467	.1057	.2247	103.5	7.359	.0662	26.50	1.578
#2	.2631	.0465	.1055	.2265	103.7	7.275	.0693	26.63	1.584
#3	.2589	.0462	.1047	.2257	103.7	7.315	.0689	26.74	1.585

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0061**	**3.350**	**.1450**	**2.505**	**.6414**	**3.151**	**-.0022**	**-.0007**	**.6539**
Stddev	.0003	.013	.0003	.003	.0005	.005	.0015	.0008	.0039
%RSD	4.984	.3985	.2004	.1309	.0827	.1703	68.71	112.7	.5958
#1	.0063	3.336	.1452	2.504	.6416	3.148	-.0006	-.0012	.6584
#2	.0061	3.362	.1451	2.508	.6418	3.157	-.0024	.0002	.6521
#3	.0057	3.352	.1446	2.502	.6408	3.147	-.0036	-.0012	.6512

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0680**	**.2476**	**2.306**	**-.0002**	**.1521**	**.0045**	**1.211**	**.0378**
Stddev	.0006	.0003	.002	.0021	.0003	.0015	.003	.0004
%RSD	.9107	.1192	.0821	860.4	.1850	33.66	.2503	1.143
#1	.0680	.2472	2.307	.0021	.1518	.0047	1.210	.0374
#2	.0674	.2476	2.308	-.0020	.1520	.0059	1.214	.0376
#3	.0687	.2478	2.304	-.0009	.1523	.0029	1.208	.0382

Zoom In Zoom Out

Sample Name: JE4649-12 Acquired: 1/27/2025 9:41:36 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9080.3**	**116030.**	**14322.**	**5884.8**
Stddev	16.0	241.	84.	13.8
%RSD	.17576	.20740	.58372	.23529
#1	9091.5	115760.	14419.	5895.0
#2	9062.1	116230.	14273.	5869.0
#3	9087.4	116090.	14275.	5890.3

Zoom In Zoom Out

Sample Name: JE4650-5 Acquired: 1/27/2025 9:46:16 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**45.54**	**.0651**	**.0292**	**.7439**	**.0034**	**-.0002**	F **220.6**	**.0035**
Stddev	.0002	.07	.0012	.0010	.0004	.0000	.0016	2.9	.0001
%RSD	15.16	.1601	1.903	3.424	.0604	1.397	782.6	1.307	3.583
#1	.0015	45.60	.0665	.0285	.7444	.0034	-.0004	217.4	.0037
#2	.0015	45.56	.0645	.0288	.7435	.0035	.0015	223.1	.0035
#3	.0011	45.46	.0642	.0304	.7438	.0035	-.0017	221.2	.0034

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2082**	**.0478**	**.1513**	**.3233**	F **340.3**	**6.737**	**.0636**	**27.06**	**3.763**
Stddev	.0137	.0002	.0067	.0130	.3	.125	.0024	.02	.201
%RSD	6.594	.4927	4.451	4.016	.0751	1.854	3.823	.0780	5.350
#1	.1975	.0480	.1482	.3167	340.4	6.769	.0617	27.08	3.669
#2	.2237	.0476	.1590	.3382	340.1	6.599	.0664	27.07	3.994
#3	.2035	.0479	.1467	.3148	340.6	6.843	.0628	27.04	3.625

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0085**	**2.806**	**.1969**	**2.433**	**1.749**	**7.029**	**.0101**	**-.0070**	**1.160**
Stddev	.0002	.011	.0004	.002	.001	.005	.0019	.0020	.004
%RSD	2.915	.4016	.1968	.0949	.0755	.0764	18.77	28.96	.3121
#1	.0088	2.819	.1971	2.431	1.749	7.030	.0102	-.0092	1.157
#2	.0084	2.796	.1965	2.435	1.750	7.023	.0082	-.0052	1.158
#3	.0083	2.804	.1972	2.433	1.747	7.033	.0120	-.0065	1.164

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0647**	**.6055**	**1.910**	**-.0007**	**.1820**	**.0091**	**1.572**	**.0324**
Stddev	.0010	.0007	.086	.0024	.0087	.0007	.001	.0012
%RSD	1.476	.1211	4.524	362.1	4.789	7.802	.0523	3.765
#1	.0648	.6048	1.863	.0011	.1776	.0086	1.571	.0317
#2	.0657	.6062	2.010	.0002	.1921	.0099	1.572	.0338
#3	.0638	.6054	1.857	-.0034	.1764	.0089	1.572	.0316

Zoom In Zoom Out

Sample Name: JE4650-5 Acquired: 1/27/2025 9:46:16 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9258.1**	**114420.**	**14239.**	**5848.8**
Stddev	26.0	4404.	9.	22.7
%RSD	.28122	3.8489	.06530	.38857
#1	9279.2	116760.	14249.	5866.6
#2	9266.2	109340.	14237.	5856.6
#3	9229.0	117160.	14231.	5823.2

Zoom In Zoom Out

Sample Name: JE4650-6 Acquired: 1/27/2025 9:51:21 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**48.85**	**.0457**	**.0345**	**.6268**	**.0037**	**-.0154**	**186.8**	**.0017**
Stddev	.0006	.05	.0010	.0005	.0008	.0000	.0013	4.3	.0002
%RSD	196.0	.1110	2.141	1.352	.1311	.4483	8.156	2.279	11.44
#1	-.0004	48.79	.0460	.0345	.6275	.0037	-.0161	185.3	.0016
#2	.0007	48.88	.0464	.0349	.6271	.0037	-.0139	183.4	.0019
#3	.0007	48.89	.0446	.0340	.6259	.0037	-.0161	191.6	.0016

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2296**	**.0472**	**.1274**	**.2633**	**127.0**	**7.973**	**.0696**	**47.11**	**2.242**
Stddev	.0015	.0000	.0002	.0004	.2	.015	.0013	.09	.008
%RSD	.6560	.0497	.1588	.1608	.1461	.1851	1.890	.1999	.3471
#1	.2283	.0472	.1275	.2631	126.9	7.989	.0707	47.00	2.235
#2	.2312	.0473	.1272	.2630	127.2	7.960	.0699	47.16	2.250
#3	.2292	.0473	.1275	.2638	126.9	7.970	.0681	47.17	2.241

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0066**	**4.340**	**.1760**	**2.583**	**1.108**	**11.82**	**.0032**	**.0003**	**2.696**
Stddev	.0002	.015	.0001	.004	.003	.02	.0014	.0027	.002
%RSD	2.628	.3463	.0582	.1419	.2608	.1793	43.91	831.9	.0859
#1	.0065	4.325	.1760	2.584	1.110	11.81	.0048	-.0028	2.696
#2	.0064	4.354	.1761	2.586	1.105	11.81	.0022	.0021	2.694
#3	.0067	4.342	.1759	2.579	1.109	11.85	.0026	.0016	2.699

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0392**	**.4337**	**2.373**	**-.0011**	**.2026**	**.0057**	**1.104**	**.0384**
Stddev	.0010	.0001	.003	.0018	.0001	.0014	.001	.0002
%RSD	2.662	.0171	.1079	156.3	.0593	24.96	.0741	.4985
#1	.0397	.4337	2.375	.0000	.2027	.0041	1.105	.0385
#2	.0380	.4338	2.370	-.0003	.2025	.0067	1.104	.0382
#3	.0399	.4337	2.375	-.0031	.2025	.0064	1.104	.0385

Zoom In Zoom Out

Sample Name: JE4650-6 Acquired: 1/27/2025 9:51:21 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9084.8**	**116980.**	**14226.**	**5889.8**
Stddev	16.2	850.	102.	13.9
%RSD	.17799	.72706	.71913	.23673
#1	9102.5	117960.	14329.	5904.3
#2	9081.0	116520.	14224.	5888.5
#3	9070.8	116450.	14124.	5876.5

Zoom In Zoom Out

Sample Name: JE4651-7 Acquired: 1/27/2025 9:56:11 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**42.46**	**.0361**	**.0353**	**.5229**	**.0032**	**-.0090**	F **275.2**	**.0009**
Stddev	.0002	.05	.0013	.0005	.0004	.0000	.0018	1.3	.0002
%RSD	108.6	.1225	3.476	1.286	.0736	.9199	19.62	.4586	24.03
#1	.0005	42.49	.0351	.0355	.5228	.0032	-.0084	274.3	.0011
#2	-.0000	42.49	.0375	.0357	.5234	.0032	-.0109	276.6	.0007
#3	.0002	42.40	.0356	.0348	.5227	.0032	-.0076	274.7	.0011

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1998**	**.0428**	**.0952**	**.1848**	**101.3**	**7.943**	**.0680**	**42.05**	**1.767**
Stddev	.0030	.0003	.0002	.0007	.1	.030	.0010	.12	.006
%RSD	1.478	.5979	.2468	.3551	.1409	.3780	1.471	.2869	.3340
#1	.1972	.0429	.0950	.1852	101.3	7.977	.0686	42.15	1.769
#2	.1991	.0425	.0951	.1852	101.5	7.922	.0685	42.08	1.761
#3	.2030	.0429	.0955	.1840	101.2	7.929	.0668	41.92	1.772

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0053**	**2.851**	**.1941**	**2.375**	**.8974**	**9.714**	**-.0033**	**.0037**	**.6998**
Stddev	.0001	.024	.0002	.011	.0017	.023	.0013	.0010	.0050
%RSD	2.614	.8361	.1152	.4462	.1903	.2384	38.13	27.34	.7119
#1	.0052	2.828	.1942	2.363	.8986	9.703	-.0038	.0039	.7026
#2	.0053	2.875	.1943	2.381	.8955	9.741	-.0043	.0045	.7027
#3	.0054	2.849	.1939	2.382	.8982	9.699	-.0019	.0026	.6940

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0272**	**.5539**	**1.681**	**-.0002**	**.1622**	**.0026**	**.6626**	**.0349**
Stddev	.0010	.0007	.002	.0021	.0003	.0018	.0013	.0002
%RSD	3.586	.1246	.1045	1044.	.1732	71.05	.1976	.5520
#1	.0262	.5533	1.681	.0018	.1619	.0005	.6614	.0352
#2	.0282	.5546	1.679	-.0000	.1624	.0032	.6640	.0348
#3	.0273	.5537	1.682	-.0024	.1622	.0040	.6624	.0349

Zoom In Zoom Out

Sample Name: JE4651-7 Acquired: 1/27/2025 9:56:11 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8832.7**	**115080.**	**14149.**	**5750.5**
Stddev	28.6	938.	52.	27.2
%RSD	.32376	.81501	.36838	.47346
#1	8860.1	114920.	14101.	5775.4
#2	8803.0	116080.	14204.	5721.4
#3	8835.0	114220.	14140.	5754.6

Zoom In Zoom Out

Sample Name: JE4651-8 Acquired: 1/27/2025 10:01:01 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**34.19**	**.0644**	**.0257**	**.4806**	**.0027**	**-.0069**	**166.4**	**.0010**
Stddev	.0005	.02	.0014	.0002	.0005	.0000	.0016	1.9	.0003
%RSD	49.93	.0537	2.101	.6345	.1119	.8759	22.87	1.123	25.70
#1	.0014	34.17	.0637	.0259	.4802	.0027	-.0087	166.0	.0008
#2	.0007	34.19	.0634	.0255	.4805	.0027	-.0057	164.8	.0013
#3	.0006	34.21	.0659	.0257	.4812	.0026	-.0064	168.5	.0009

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1898**	**.0545**	**.0769**	**.3018**	**148.4**	**6.439**	**.0543**	**59.96**	**1.660**
Stddev	.0005	.0002	.0003	.0002	.2	.071	.0016	.04	.002
%RSD	.2387	.4372	.4390	.0562	.1302	1.101	2.892	.0712	.1253
#1	.1896	.0545	.0771	.3016	148.2	6.361	.0527	59.95	1.662
#2	.1903	.0547	.0772	.3019	148.6	6.459	.0546	59.92	1.660
#3	.1895	.0542	.0766	.3018	148.5	6.498	.0558	60.00	1.658

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0101**	**4.363**	**.2172**	**2.046**	**.7385**	**69.34**	**-.0025**	**.0003**	**1.020**
Stddev	.0002	.021	.0003	.012	.0006	.14	.0018	.0013	.004
%RSD	2.184	.4900	.1272	.5995	.0774	.1968	70.62	532.0	.3572
#1	.0104	4.343	.2170	2.058	.7391	69.50	-.0006	-.0010	1.022
#2	.0100	4.360	.2175	2.034	.7380	69.26	-.0029	.0016	1.016
#3	.0100	4.385	.2172	2.045	.7385	69.27	-.0040	.0002	1.022

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0319**	**.3310**	**1.642**	**.0033**	**.1397**	**.0023**	**.6081**	**.0345**
Stddev	.0007	.0006	.002	.0010	.0003	.0017	.0020	.0002
%RSD	2.048	.1841	.0936	31.44	.2063	74.59	.3245	.6260
#1	.0314	.3304	1.641	.0044	.1393	.0041	.6104	.0345
#2	.0315	.3311	1.643	.0030	.1399	.0007	.6070	.0348
#3	.0326	.3316	1.641	.0025	.1398	.0020	.6070	.0344

Zoom In Zoom Out

Sample Name: JE4651-8 Acquired: 1/27/2025 10:01:01 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: 1 DAY RUSH

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8995.1**	**115170.**	**14202.**	**5798.5**
Stddev	43.5	641.	91.	43.1
%RSD	.48407	.55640	.64023	.74274
#1	8944.9	114650.	14114.	5749.1
#2	9022.3	114970.	14296.	5828.1
#3	9018.1	115890.	14197.	5818.4

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 10:05:51 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2525**	**40.64**	**1.979**	**2.011**	**1.994**	**2.048**	**2.060**	**41.03**	**2.041**
Stddev	.0003	.09	.006	.002	.003	.003	.003	.06	.003
%RSD	.1143	.2239	.3237	.1097	.1361	.1273	.1653	.1510	.1422
#1	.2522	40.74	1.975	2.009	1.998	2.051	2.059	41.10	2.039
#2	.2525	40.61	1.975	2.010	1.992	2.047	2.058	41.01	2.040
#3	.2528	40.57	1.986	2.013	1.993	2.046	2.064	40.98	2.044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.003**	**2.019**	**2.009**	**2.044**	**41.14**	**40.86**	**2.021**	**41.26**	**2.044**
Stddev	.009	.002	.004	.006	.08	.11	.006	.07	.009
%RSD	.4242	.0787	.2115	.2862	.1950	.2644	.2908	.1632	.4290
#1	2.011	2.018	2.014	2.050	41.23	40.97	2.027	41.34	2.054
#2	2.003	2.018	2.007	2.039	41.09	40.86	2.021	41.22	2.037
#3	1.994	2.020	2.006	2.041	41.09	40.75	2.015	41.23	2.041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.077**	**40.99**	**2.001**	F **1.642**	**2.036**	**2.029**	**2.073**	**2.031**	**5.151**
Stddev	.005	.07	.002	.002	.003	.008	.006	.006	.013
%RSD	.2407	.1786	.0906	.1464	.1491	.3773	.3051	.2804	.2437
#1	2.073	41.07	1.999	1.644	2.034	2.022	2.072	2.027	5.145
#2	2.075	40.97	2.002	1.641	2.034	2.027	2.067	2.028	5.143
#3	2.083	40.92	2.002	1.639	2.039	2.037	2.079	2.037	5.166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				2.000					
Range				-10.00%					

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 10:05:51 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.970**	**2.015**	**2.041**	**2.006**	**1.983**	**2.029**	**2.002**	**2.053**
Stddev	.008	.003	.001	.005	.004	.003	.004	.007
%RSD	.3874	.1541	.0556	.2282	.1898	.1303	.1826	.3661
#1	1.963	2.018	2.042	2.002	1.987	2.027	1.999	2.061
#2	1.968	2.011	2.042	2.004	1.981	2.029	2.000	2.047
#3	1.978	2.015	2.040	2.011	1.981	2.032	2.006	2.050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9111.5**	**115200.**	**13856.**	**5777.4**
Stddev	20.9	838.	135.	16.3
%RSD	.22900	.72735	.97393	.28209
#1	9093.8	114270.	13753.	5769.4
#2	9134.5	115900.	13806.	5796.1
#3	9106.2	115440.	14009.	5766.6

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 10:10:22 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**-.0183**	**-.0024**	**.0062**	**-.0002**	**.0001**	**.0018**	**-.0028**	**.0004**
Stddev	.0002	.0144	.0020	.0005	.0002	.0001	.0034	.0020	.0001
%RSD	19.82	78.60	83.28	8.655	103.7	84.98	192.4	73.91	29.30
#1	.0010	-.0033	-.0003	.0064	-.0002	.0001	.0045	-.0004	.0004
#2	.0007	-.0320	-.0043	.0056	-.0003	.0001	-.0021	-.0039	.0006
#3	.0010	-.0195	-.0028	.0067	.0000	.0000	.0029	-.0040	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0120**	**.0005**	**.0004**	**.0002**	**.0041**	**-.0104**	**-.0016**	**.0054**	**.0001**
Stddev	.0022	.0001	.0001	.0006	.0011	.0195	.0010	.0056	.0000
%RSD	18.16	11.20	29.98	331.5	26.90	188.1	58.75	104.0	19.41
#1	.0095	.0004	.0004	-.0004	.0031	-.0328	-.0011	-.0009	.0001
#2	.0130	.0005	.0003	.0008	.0041	-.0009	-.0010	.0074	.0001
#3	.0135	.0005	.0006	.0002	.0053	.0026	-.0027	.0097	.0001
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**.0263**	**-.0000**	**.0057**	**-.0013**	**.0109**	**-.0012**	**.0003**	**.0077**
Stddev	.0004	.0042	.0004	.0012	.0001	.0001	.0023	.0006	.0011
%RSD	29.08	15.92	3698.	20.53	9.992	1.340	185.6	191.6	14.50
#1	.0018	.0308	.0000	.0062	-.0012	.0110	-.0001	.0008	.0086
#2	.0014	.0224	-.0005	.0044	-.0014	.0109	.0003	.0004	.0065
#3	.0010	.0258	.0004	.0066	-.0013	.0107	-.0039	-.0003	.0080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 10:10:22 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0001**	**-.0008**	**-.0005**	**.0001**	**.0017**	**.0000**	**-.0003**
Stddev	.0003	.0003	.0002	.0025	.0002	.0006	.0000	.0001
%RSD	360.8	190.0	20.61	458.8	149.4	32.77	1524.	29.43
#1	-.0003	.0001	-.0006	-.0034	.0001	.0011	.0000	-.0003
#2	-.0001	-.0004	-.0009	.0005	.0002	.0021	.0000	-.0004
#3	.0002	-.0001	-.0009	.0012	-.0001	.0020	-.0000	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9488.3**	**118830.**	**14155.**	**5944.7**
Stddev	31.4	555.	126.	25.4
%RSD	.33110	.46670	.88753	.42809
#1	9470.7	118190.	14027.	5929.2
#2	9524.6	119210.	14159.	5974.1
#3	9469.7	119080.	14278.	5930.9

Zoom In Zoom Out

Sample Name: JE4650-5 Acquired: 1/27/2025 10:15:11 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**44.88**	**.0470**	**.0529**	**.7318**	**.0029**	**.0088**	**222.0**	**.0047**
Stddev	.0011	.12	.0102	.0049	.0027	.0006	.0051	.9	.0009
%RSD	206.2	.2598	21.60	9.304	.3732	21.50	58.37	.4176	18.88
#1	.0017	44.74	.0520	.0508	.7287	.0036	.0145	221.0	.0054
#2	.0000	44.94	.0353	.0494	.7339	.0029	.0046	222.8	.0050
#3	-.0002	44.94	.0537	.0586	.7327	.0023	.0072	222.3	.0037

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2104**	**.0489**	**.1516**	**.3019**	**348.3**	**6.412**	**.0621**	**27.42**	**3.746**
Stddev	.0115	.0006	.0015	.0036	.9	.050	.0076	.17	.010
%RSD	5.456	1.213	.9757	1.200	.2572	.7773	12.29	.6153	.2710
#1	.2184	.0487	.1511	.3030	347.2	6.389	.0587	27.24	3.735
#2	.1972	.0484	.1505	.2978	348.9	6.377	.0567	27.57	3.756
#3	.2155	.0495	.1533	.3048	348.7	6.469	.0708	27.46	3.747

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0131**	**2.831**	**.2039**	**2.502**	**1.842**	**7.059**	**.0014**	**-.0022**	**1.201**
Stddev	.0011	.012	.0012	.021	.003	.049	.0132	.0148	.028
%RSD	8.313	.4076	.5663	.8310	.1357	.6926	911.4	665.2	2.323
#1	.0141	2.830	.2027	2.481	1.839	7.003	-.0085	-.0155	1.176
#2	.0119	2.819	.2039	2.503	1.842	7.077	-.0036	.0137	1.231
#3	.0134	2.842	.2050	2.522	1.844	7.096	.0164	-.0048	1.196

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0619**	**.5919**	**1.833**	**-.0054**	**.1773**	**.0066**	**1.648**	**.0318**
Stddev	.0075	.0021	.001	.0024	.0014	.0066	.014	.0006
%RSD	12.14	.3629	.0559	44.87	.7777	100.4	.8531	1.856
#1	.0646	.5897	1.833	-.0026	.1757	.0142	1.635	.0315
#2	.0534	.5920	1.832	-.0071	.1784	.0018	1.645	.0324
#3	.0677	.5939	1.834	-.0066	.1777	.0038	1.663	.0313

Zoom In Zoom Out

Sample Name: JE4650-5 Acquired: 1/27/2025 10:15:11 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9366.6**	**118240.**	**14210.**	**5911.1**
Stddev	28.8	568.	25.	18.1
%RSD	.30734	.48027	.17251	.30610
#1	9390.9	118570.	14222.	5923.1
#2	9374.2	117580.	14181.	5919.9
#3	9334.8	118560.	14226.	5890.3

Zoom In Zoom Out

Sample Name: JE4651-7 Acquired: 1/27/2025 10:19:54 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**38.74**	**.0327**	**.0403**	**.4763**	**.0026**	**-.0050**	**256.4**	**.0010**
Stddev	.0010	.04	.0027	.0007	.0002	.0002	.0024	.1	.0007
%RSD	235.4	.1162	8.267	1.648	.0383	6.666	48.55	.0556	63.68
#1	.0009	38.78	.0350	.0403	.4762	.0024	-.0062	256.4	.0007
#2	.0012	38.69	.0332	.0410	.4762	.0026	-.0022	256.5	.0018
#3	-.0007	38.74	.0297	.0397	.4765	.0027	-.0064	256.2	.0006

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1979**	**.0394**	**.0886**	**.1680**	**93.44**	**7.048**	**.0581**	**39.03**	**1.641**
Stddev	.0062	.0003	.0002	.0024	.02	.103	.0025	.02	.001
%RSD	3.128	.8659	.1742	1.419	.0234	1.467	4.278	.0509	.0600
#1	.2005	.0391	.0887	.1653	93.47	7.053	.0573	39.02	1.642
#2	.2024	.0395	.0887	.1698	93.44	7.149	.0610	39.01	1.640
#3	.1909	.0397	.0884	.1690	93.43	6.942	.0562	39.05	1.640

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0050**	**2.640**	**.1771**	**2.167**	**.8245**	**8.803**	**-.0066**	**.0025**	**.6391**
Stddev	.0004	.022	.0010	.002	.0026	.048	.0025	.0048	.0076
%RSD	7.876	.8363	.5722	.0790	.3130	.5391	37.25	192.7	1.183
#1	.0048	2.620	.1763	2.166	.8265	8.785	-.0091	-.0023	.6364
#2	.0054	2.638	.1769	2.169	.8216	8.767	-.0065	.0072	.6477
#3	.0047	2.664	.1782	2.166	.8254	8.857	-.0042	.0025	.6334

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0232**	**.5032**	**1.533**	**-.0012**	**.1488**	**-.0002**	**.6220**	**.0318**
Stddev	.0032	.0002	.002	.0025	.0001	.0030	.0031	.0004
%RSD	13.69	.0449	.1381	219.9	.0975	1640.	.5009	1.231
#1	.0227	.5031	1.534	-.0033	.1487	.0031	.6195	.0314
#2	.0204	.5034	1.535	-.0018	.1490	-.0008	.6210	.0321
#3	.0267	.5030	1.531	.0016	.1488	-.0028	.6255	.0321

Zoom In Zoom Out

Sample Name: JE4651-7 Acquired: 1/27/2025 10:19:54 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9158.3**	**117110.**	**14174.**	**5880.2**
Stddev	17.7	201.	58.	14.3
%RSD	.19345	.17203	.40913	.24327
#1	9138.0	117190.	14134.	5864.1
#2	9166.8	116880.	14148.	5885.5
#3	9170.3	117260.	14240.	5891.2

Zoom In Zoom Out

Sample Name: MP52382-B1 Acquired: 1/27/2025 10:25:37 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0334**	**.0014**	**.0020**	**-.0001**	**.0000**	**.0038**	**.0154**	**.0001**
Stddev	.0001	.0176	.0004	.0003	.0007	.0001	.0014	.0023	.0002
%RSD	12.24	52.67	30.42	13.76	630.9	260.3	37.29	15.02	149.0
#1	.0009	.0536	.0013	.0017	.0001	.0001	.0038	.0180	-.0001
#2	.0008	.0254	.0010	.0023	.0005	.0000	.0052	.0140	.0002
#3	.0007	.0213	.0018	.0020	-.0009	-.0001	.0024	.0141	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0073**	**.0005**	**.0002**	**.0014**	**-.0039**	**.0050**	**-.0020**	**.0286**	**.0000**
Stddev	.0007	.0001	.0003	.0003	.0005	.1188	.0007	.0124	.0000
%RSD	10.13	24.66	108.1	22.29	12.39	2378.	34.12	43.42	84.38
#1	.0081	.0006	.0001	.0015	-.0035	.1117	-.0017	.0423	.0001
#2	.0066	.0004	.0006	.0016	-.0037	-.1230	-.0028	.0253	.0000
#3	.0071	.0007	.0001	.0010	-.0044	.0263	-.0016	.0182	.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0506**	**-.0006**	**.0166**	**-.0002**	**.0120**	**-.0012**	**-.0015**	**5.389**
Stddev	.0003	.0135	.0002	.0030	.0008	.0010	.0003	.0015	.061
%RSD	134.7	26.70	26.22	18.06	374.0	8.207	27.74	95.04	1.132
#1	.0006	.0621	-.0004	.0188	.0007	.0125	-.0009	-.0032	5.425
#2	-.0001	.0540	-.0007	.0178	-.0006	.0126	-.0015	-.0010	5.319
#3	.0002	.0357	-.0008	.0132	-.0008	.0108	-.0013	-.0004	5.425

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**-.0004**	**-.0003**	**.0015**	**-.0003**	**-.0026**	**.0033**	**.0077**
Stddev	.0012	.0002	.0005	.0012	.0002	.0012	.0001	.0004
%RSD	191.4	45.75	189.5	80.96	65.53	46.97	2.596	5.080
#1	-.0008	-.0002	-.0004	.0028	-.0001	-.0019	.0033	.0081
#2	-.0017	-.0003	-.0007	.0006	-.0003	-.0018	.0034	.0077
#3	.0006	-.0005	.0003	.0009	-.0004	-.0040	.0032	.0074

Zoom In Zoom Out

Sample Name: MP52382-B1 Acquired: 1/27/2025 10:25:37 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9410.0**	**115440.**	**13902.**	**5852.8**
Stddev	95.2	534.	52.	69.1
%RSD	1.0113	.46250	.37677	1.1800
#1	9361.6	115960.	13902.	5820.0
#2	9519.6	115490.	13849.	5932.1
#3	9348.7	114890.	13954.	5806.3

Zoom In Zoom Out

Sample Name: MP52382-MB1 1 Acquired: 1/27/2025 10:31:25 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: EPA/SI

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0165**	**-.0007**	**.0020**	**-.0001**	**.0000**	**.0025**	**.0182**	**-.0001**
Stddev	.0007	.0135	.0016	.0004	.0005	.0000	.0013	.0055	.0003
%RSD	74.03	81.82	215.7	19.05	517.0	187.2	52.52	30.19	238.9
#1	.0002	.0320	.0009	.0023	.0005	-.0000	.0022	.0131	-.0004
#2	.0010	.0071	-.0024	.0016	-.0003	.0001	.0014	.0240	.0002
#3	.0015	.0104	-.0008	.0022	-.0004	.0000	.0039	.0176	-.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0047**	**.0005**	**-.0001**	**.0012**	**.0020**	**-.0373**	**.0008**	**-.0017**	**-.0000**
Stddev	.0003	.0002	.0001	.0008	.0021	.0235	.0019	.0096	.0000
%RSD	5.979	36.09	83.66	64.73	105.4	63.10	253.5	551.5	198.5
#1	.0049	.0003	-.0002	.0019	.0043	-.0353	-.0013	.0053	-.0000
#2	.0044	.0006	-.0000	.0015	.0008	-.0617	.0010	.0022	.0000
#3	.0048	.0005	-.0002	.0003	.0007	-.0148	.0026	-.0127	-.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0350**	**-.0004**	**.0092**	**.0003**	**.0113**	**-.0033**	**-.0008**	**-.0048**
Stddev	.0002	.0151	.0003	.0014	.0011	.0019	.0009	.0012	.0008
%RSD	179.3	43.01	77.24	14.83	444.9	16.76	27.66	142.8	17.54
#1	.0003	.0259	-.0003	.0096	.0009	.0092	-.0033	.0005	-.0039
#2	.0000	.0524	-.0007	.0077	-.0010	.0116	-.0043	-.0016	-.0054
#3	-.0000	.0267	-.0001	.0104	.0009	.0130	-.0024	-.0015	-.0051

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0021**	**.0001**	**.0002**	**.0014**	**-.0000**	**-.0023**	**.0014**	**.0000**
Stddev	.0023	.0001	.0003	.0012	.0001	.0016	.0002	.0005
%RSD	107.3	98.72	119.0	89.10	285.6	70.91	15.55	30270.
#1	-.0041	-.0000	-.0000	.0002	.0000	-.0025	.0013	.0002
#2	.0004	.0001	.0005	.0026	.0000	-.0005	.0014	-.0006
#3	-.0027	.0001	.0002	.0013	-.0001	-.0037	.0017	.0005

Zoom In Zoom Out

Sample Name: MP52382-MB1 1 Acquired: 1/27/2025 10:31:25 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: EPA/SI

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9348.6**	**115420.**	**13800.**	**5794.2**
Stddev	13.2	536.	78.	14.4
%RSD	.14111	.46477	.56582	.24929
#1	9333.4	115670.	13712.	5777.6
#2	9356.0	115780.	13828.	5803.6
#3	9356.4	114800.	13860.	5801.5

Zoom In Zoom Out

Sample Name: MP52382-S1 Acquired: 1/27/2025 10:36:14 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**-.0244**	**.0181**	**.2546**	**.0380**	**-.0001**	**.0018**	**90.67**	**-.0006**
Stddev	.0004	.0066	.0026	.0010	.0001	.0000	.0006	.16	.0003
%RSD	45.35	27.08	14.07	.4108	.3014	36.09	35.97	.1741	50.33
#1	.0005	-.0181	.0197	.2534	.0381	-.0001	.0014	90.58	-.0007
#2	.0011	-.0313	.0195	.2549	.0378	-.0001	.0025	90.85	-.0008
#3	.0013	-.0237	.0152	.2554	.0380	-.0001	.0015	90.57	-.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0104**	**.0015**	**.0008**	**.0013**	**-.0318**	**4.153**	**.0106**	**16.15**	**.0067**
Stddev	.0009	.0002	.0004	.0006	.0013	.009	.0021	.04	.0001
%RSD	8.756	13.88	48.85	48.85	3.996	.2126	19.48	.2332	.7841
#1	.0096	.0014	.0006	.0019	-.0304	4.145	.0083	16.19	.0068
#2	.0114	.0014	.0012	.0012	-.0328	4.163	.0120	16.15	.0068
#3	.0101	.0018	.0005	.0007	-.0321	4.152	.0116	16.12	.0067

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0077**	**103.9**	**.0051**	**.7595**	**.0008**	**48.33**	**-.0018**	**.0005**	F **26.77**
Stddev	.0001	.3	.0004	.0035	.0021	.15	.0023	.0017	.07
%RSD	1.028	.3163	7.631	.4602	265.1	.3139	127.1	370.8	.2624
#1	.0078	103.6	.0055	.7597	.0022	48.45	-.0013	-.0012	26.84
#2	.0077	104.3	.0052	.7630	-.0016	48.38	-.0042	.0003	26.78
#3	.0076	103.9	.0047	.7560	.0017	48.16	.0002	.0022	26.70

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0050**	**.5421**	**-.0023**	**-.0011**	**.0223**	**-.0053**	**.0017**	**-.0020**
Stddev	.0013	.0023	.0005	.0003	.0002	.0005	.0000	.0004
%RSD	26.87	.4215	22.54	25.40	.9688	9.988	3.006	21.79
#1	-.0051	.5394	-.0018	-.0011	.0224	-.0057	.0017	-.0016
#2	-.0063	.5434	-.0022	-.0014	.0220	-.0055	.0017	-.0020
#3	-.0036	.5434	-.0029	-.0009	.0223	-.0047	.0016	-.0025

Zoom In Zoom Out

Sample Name: MP52382-S1 Acquired: 1/27/2025 10:36:14 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8874.2**	**112150.**	**13583.**	**5613.3**
Stddev	20.9	231.	157.	14.7
%RSD	.23595	.20608	1.1554	.26263
#1	8851.3	112070.	13578.	5597.1
#2	8878.7	111960.	13429.	5616.9
#3	8892.5	112410.	13743.	5626.0

Zoom In Zoom Out

Sample Name: MP52382-S2 Acquired: 1/27/2025 10:40:57 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**-.0253**	**.0187**	**.2541**	**.0380**	**-.0002**	**.0031**	**90.28**	**-.0006**
Stddev	.0005	.0149	.0026	.0006	.0005	.0000	.0003	.21	.0002
%RSD	92.60	58.79	13.68	.2501	1.408	6.561	8.190	.2275	27.55
#1	.0004	-.0167	.0157	.2549	.0385	-.0002	.0032	90.07	-.0006
#2	.0002	-.0167	.0201	.2537	.0375	-.0002	.0028	90.48	-.0005
#3	.0012	-.0425	.0202	.2538	.0380	-.0002	.0032	90.29	-.0008

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0031**	**.0015**	**.0010**	**.0009**	**-.0303**	**4.106**	**.0004**	**16.09**	**.0067**
Stddev	.0019	.0004	.0002	.0002	.0014	.016	.0035	.01	.0000
%RSD	59.69	29.51	23.41	18.65	4.481	.3925	777.8	.0570	.3909
#1	.0041	.0019	.0008	.0010	-.0302	4.107	.0009	16.08	.0067
#2	.0010	.0011	.0012	.0008	-.0317	4.090	.0036	16.10	.0068
#3	.0044	.0014	.0011	.0007	-.0290	4.122	-.0032	16.09	.0067

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0076**	**103.7**	**.0045**	**.7574**	**.0004**	**48.24**	**-.0016**	**-.0020**	F **26.79**
Stddev	.0004	.2	.0003	.0020	.0007	.11	.0006	.0025	.05
%RSD	4.645	.2237	6.091	.2576	185.1	.2230	37.06	128.7	.1866
#1	.0072	103.4	.0043	.7564	.0009	48.16	-.0021	-.0000	26.75
#2	.0078	103.8	.0043	.7597	-.0004	48.20	-.0017	-.0048	26.78
#3	.0077	103.8	.0048	.7562	.0006	48.36	-.0009	-.0010	26.85

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0035**	**.5410**	**-.0026**	**.0006**	**.0220**	**-.0033**	**.0014**	**-.0034**
Stddev	.0005	.0007	.0002	.0008	.0001	.0006	.0001	.0001
%RSD	12.90	.1244	6.919	140.9	.5580	17.92	9.354	3.725
#1	-.0040	.5407	-.0025	.0004	.0221	-.0036	.0013	-.0033
#2	-.0034	.5418	-.0028	.0015	.0220	-.0026	.0013	-.0036
#3	-.0031	.5406	-.0026	-.0001	.0219	-.0037	.0016	-.0034

Zoom In Zoom Out

Sample Name: MP52382-S2 Acquired: 1/27/2025 10:40:57 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8855.1**	**112760.**	**13576.**	**5591.9**
Stddev	33.0	523.	84.	27.2
%RSD	.37269	.46355	.62205	.48682
#1	8886.3	112210.	13561.	5619.8
#2	8858.4	113250.	13667.	5590.4
#3	8820.5	112830.	13501.	5565.4

Zoom In Zoom Out

Sample Name: JE4605-1 Acquired: 1/27/2025 10:45:42 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**-.0358**	**.0184**	**.2657**	**.0400**	**-.0001**	**.0028**	**94.50**	**-.0006**
Stddev	.0001	.0093	.0016	.0004	.0002	.0000	.0014	.30	.0001
%RSD	7.340	25.99	8.687	.1468	.5515	26.66	51.50	.3135	19.88
#1	.0012	-.0346	.0202	.2661	.0399	-.0001	.0018	94.16	-.0007
#2	.0013	-.0272	.0176	.2656	.0402	-.0001	.0021	94.70	-.0005
#3	.0014	-.0457	.0173	.2653	.0398	-.0002	.0044	94.63	-.0007

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0137**	**.0015**	**.0007**	**.0004**	**-.0241**	**4.362**	**.0075**	**16.87**	**.0069**
Stddev	.0042	.0002	.0003	.0001	.0032	.027	.0005	.07	.0001
%RSD	30.59	12.14	40.89	24.69	13.06	.6096	6.329	.4245	.7269
#1	.0170	.0014	.0005	.0003	-.0249	4.340	.0071	16.85	.0070
#2	.0090	.0016	.0006	.0004	-.0269	4.391	.0075	16.95	.0069
#3	.0151	.0017	.0010	.0006	-.0207	4.353	.0080	16.81	.0069

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0080**	**108.9**	**.0048**	**.7864**	**-.0009**	**50.52**	**-.0031**	**-.0005**	**22.32**
Stddev	.0003	.2	.0007	.0035	.0003	.12	.0011	.0012	.05
%RSD	3.277	.1456	13.67	.4395	27.74	.2461	34.53	230.2	.2341
#1	.0082	108.7	.0041	.7878	-.0012	50.43	-.0023	-.0018	22.27
#2	.0077	109.0	.0055	.7890	-.0009	50.66	-.0027	.0005	22.37
#3	.0080	108.9	.0049	.7825	-.0007	50.47	-.0044	-.0002	22.31

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0050**	**.5676**	**-.0024**	**-.0004**	**.0232**	**-.0049**	**.0012**	**-.0052**
Stddev	.0005	.0011	.0006	.0011	.0005	.0004	.0001	.0001
%RSD	9.622	.1914	24.36	306.5	2.026	7.905	11.41	2.396
#1	-.0051	.5673	-.0019	-.0013	.0234	-.0045	.0014	-.0052
#2	-.0045	.5667	-.0023	-.0007	.0235	-.0053	.0011	-.0050
#3	-.0055	.5688	-.0030	.0009	.0226	-.0050	.0012	-.0052

Zoom In Zoom Out

Sample Name: JE4605-1 Acquired: 1/27/2025 10:45:42 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8896.9**	**112750.**	**13577.**	**5621.9**
Stddev	18.7	248.	107.	14.2
%RSD	.21050	.22000	.79108	.25252
#1	8900.8	112480.	13635.	5623.4
#2	8876.5	112950.	13453.	5607.0
#3	8913.3	112830.	13643.	5635.2

Zoom In Zoom Out

Sample Name: MP52382-SD1 Acquired: 1/27/2025 10:50:25 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029**	**-.1247**	**.0133**	**.2592**	**.0375**	**-.0005**	**.0088**	**88.60**	**-.0006**
Stddev	.0009	.0331	.0092	.0013	.0013	.0005	.0032	.17	.0018
%RSD	30.87	26.52	68.75	.5008	3.583	112.0	36.14	.1964	322.5
#1	.0021	-.1022	.0087	.2585	.0387	-.0006	.0070	88.70	.0001
#2	.0028	-.1626	.0239	.2585	.0361	-.0008	.0069	88.40	-.0026
#3	.0038	-.1092	.0074	.2607	.0378	.0001	.0125	88.70	.0008

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0342**	**.0024**	**.0018**	**.0025**	**-.0069**	**4.141**	**.0057**	**16.13**	**.0067**
Stddev	.0072	.0014	.0021	.0005	.0088	.037	.0016	.06	.0002
%RSD	20.92	58.36	113.8	19.22	127.0	.8983	28.05	.3928	3.319
#1	.0421	.0038	.0014	.0027	.0002	4.100	.0053	16.20	.0068
#2	.0282	.0022	.0000	.0020	-.0042	4.174	.0042	16.09	.0069
#3	.0322	.0011	.0041	.0029	-.0168	4.147	.0074	16.09	.0065

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0087**	**103.3**	**.0056**	**.7681**	**-.0020**	**46.62**	**-.0053**	**-.0089**	**21.06**
Stddev	.0011	.2	.0016	.0065	.0040	.43	.0036	.0056	.20
%RSD	13.01	.1933	27.68	.8429	197.8	.9242	67.99	62.76	.9708
#1	.0077	103.2	.0057	.7754	.0012	46.18	-.0044	-.0027	20.84
#2	.0084	103.2	.0040	.7653	-.0007	46.65	-.0093	-.0105	21.09
#3	.0099	103.6	.0071	.7634	-.0065	47.04	-.0022	-.0135	21.24

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0119**	**.5267**	**-.0015**	**-.0005**	**.0227**	**.0081**	**.0016**	**-.0067**
Stddev	.0046	.0014	.0020	.0119	.0023	.0028	.0007	.0009
%RSD	38.23	.2666	132.8	2521.	10.26	35.36	44.64	13.58
#1	-.0105	.5255	.0004	-.0129	.0202	.0108	.0009	-.0068
#2	-.0170	.5263	-.0035	.0007	.0248	.0051	.0023	-.0057
#3	-.0082	.5282	-.0014	.0108	.0233	.0083	.0015	-.0075

Zoom In Zoom Out

Sample Name: MP52382-SD1 Acquired: 1/27/2025 10:50:25 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9290.8**	**116080.**	**13891.**	**5837.7**
Stddev	24.3	706.	24.	25.5
%RSD	.26148	.60814	.17022	.43713
#1	9279.9	115440.	13864.	5826.4
#2	9273.9	115960.	13902.	5819.8
#3	9318.7	116830.	13907.	5866.9

Zoom In Zoom Out

Sample Name: JE4605-2 Acquired: 1/27/2025 10:55:12 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0000**	**.0809**	**.2634**	**.0587**	**-.0002**	**.0017**	**56.40**	**-.0003**
Stddev	.0005	.0043	.0011	.0025	.0003	.0001	.0026	.04	.0002
%RSD	199.9	12970.	1.331	.9539	.5106	35.38	154.3	.0642	72.63
#1	.0004	.0049	.0796	.2647	.0590	-.0002	.0016	56.37	-.0004
#2	-.0003	-.0019	.0815	.2649	.0588	-.0002	-.0009	56.38	-.0004
#3	.0006	-.0031	.0815	.2605	.0584	-.0001	.0044	56.44	-.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0090**	**.0018**	**.0019**	**.0039**	**10.69**	**8.819**	**.0128**	**22.12**	**.1465**
Stddev	.0041	.0001	.0002	.0004	.01	.065	.0013	.02	.0000
%RSD	45.41	7.010	12.34	9.162	.1396	.7373	10.11	.1061	.0266
#1	.0115	.0018	.0022	.0035	10.68	8.765	.0141	22.14	.1464
#2	.0111	.0017	.0017	.0041	10.69	8.800	.0115	22.09	.1465
#3	.0043	.0019	.0019	.0040	10.71	8.891	.0129	22.13	.1465

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0069**	**104.5**	**.0073**	F **19.46**	**-.0013**	**61.72**	**-.0020**	**-.0014**	F **28.64**
Stddev	.0001	.2	.0006	.17	.0005	.50	.0011	.0023	.23
%RSD	1.847	.1486	7.548	.8722	38.90	.8047	55.77	164.0	.8130
#1	.0069	104.3	.0072	19.58	-.0012	62.02	-.0032	.0012	28.78
#2	.0068	104.6	.0079	19.54	-.0019	61.99	-.0016	-.0023	28.78
#3	.0070	104.6	.0068	19.27	-.0009	61.15	-.0011	-.0031	28.37

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0043**	**.4862**	**-.0012**	**-.0001**	**.0996**	**-.0054**	**.0045**	**-.0064**
Stddev	.0006	.0013	.0001	.0005	.0001	.0004	.0001	.0003
%RSD	12.83	.2595	6.634	443.1	.0588	7.761	3.124	4.235
#1	-.0045	.4848	-.0012	.0003	.0996	-.0059	.0044	-.0062
#2	-.0048	.4866	-.0011	.0000	.0995	-.0052	.0046	-.0067
#3	-.0037	.4872	-.0012	-.0007	.0996	-.0052	.0044	-.0063

Zoom In Zoom Out

Sample Name: JE4605-2 Acquired: 1/27/2025 10:55:12 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8970.7**	**111800.**	**13491.**	**5669.3**
Stddev	36.5	247.	38.	27.6
%RSD	.40713	.22061	.28192	.48631
#1	8967.5	111720.	13472.	5666.4
#2	8935.9	111600.	13466.	5643.3
#3	9008.7	112070.	13535.	5698.2

Zoom In Zoom Out

Sample Name: JE4605-3 Acquired: 1/27/2025 10:59:55 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**-.0100**	**.1469**	**.2856**	**.0407**	**-.0002**	**.0009**	**81.57**	**-.0011**
Stddev	.0003	.0069	.0012	.0010	.0003	.0001	.0015	.17	.0001
%RSD	22.34	69.82	.8425	.3388	.8163	26.50	155.1	.2112	8.909
#1	.0009	-.0069	.1467	.2867	.0408	-.0002	-.0006	81.37	-.0011
#2	.0010	-.0179	.1482	.2854	.0404	-.0002	.0011	81.68	-.0012
#3	.0014	-.0050	.1457	.2848	.0410	-.0003	.0024	81.65	-.0010

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0071**	**.0016**	**.0032**	**.0008**	**.1210**	**7.729**	**.0099**	**36.70**	**.0037**
Stddev	.0043	.0001	.0002	.0003	.0005	.059	.0023	.09	.0000
%RSD	60.92	8.560	7.221	40.14	.4439	.7581	23.32	.2371	1.066
#1	.0118	.0016	.0034	.0006	.1206	7.769	.0082	36.60	.0037
#2	.0034	.0014	.0032	.0012	.1216	7.756	.0090	36.77	.0037
#3	.0061	.0017	.0030	.0007	.1208	7.662	.0125	36.73	.0037

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0068**	**114.9**	**.0058**	F **23.21**	**-.0009**	**67.63**	**-.0015**	**-.0033**	F **37.60**
Stddev	.0004	.4	.0002	.08	.0003	.18	.0013	.0017	.07
%RSD	5.765	.3318	3.193	.3482	29.02	.2595	86.99	50.05	.1876
#1	.0072	114.5	.0057	23.30	-.0011	67.80	-.0028	-.0026	37.68
#2	.0065	115.2	.0060	23.19	-.0006	67.63	-.0001	-.0053	37.59
#3	.0067	115.2	.0056	23.14	-.0009	67.45	-.0017	-.0022	37.54

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0054**	**.5357**	**-.0011**	**-.0015**	**.1152**	**-.0051**	**-.0009**	**-.0085**
Stddev	.0009	.0010	.0001	.0005	.0002	.0017	.0001	.0002
%RSD	16.42	.1895	11.09	33.37	.2139	33.58	5.771	2.491
#1	-.0052	.5347	-.0009	-.0015	.1151	-.0032	-.0009	-.0087
#2	-.0047	.5367	-.0011	-.0011	.1150	-.0054	-.0010	-.0085
#3	-.0064	.5356	-.0011	-.0021	.1155	-.0065	-.0009	-.0083

Zoom In Zoom Out

Sample Name: JE4605-3 Acquired: 1/27/2025 10:59:55 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8943.2**	**113420.**	**13513.**	**5672.3**
Stddev	36.8	1156.	98.	24.9
%RSD	.41134	1.0195	.72295	.43842
#1	8926.1	114160.	13616.	5660.1
#2	8918.1	112090.	13422.	5655.8
#3	8985.4	114010.	13502.	5700.9

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 11:04:38 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2524**	**40.30**	**1.981**	**2.001**	**1.978**	**2.028**	**2.048**	**40.61**	**2.032**
Stddev	.0005	.09	.005	.004	.003	.003	.005	.06	.002
%RSD	.2058	.2192	.2395	.1814	.1560	.1614	.2290	.1493	.1078
#1	.2523	40.36	1.986	2.003	1.980	2.032	2.053	40.67	2.034
#2	.2530	40.34	1.977	1.997	1.979	2.029	2.044	40.62	2.030
#3	.2520	40.20	1.982	2.002	1.974	2.025	2.047	40.55	2.032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.982**	**2.022**	**2.019**	**2.021**	**41.12**	**41.02**	**1.989**	**40.81**	**2.030**
Stddev	.015	.001	.005	.011	.09	.08	.005	.10	.011
%RSD	.7488	.0451	.2475	.5216	.2170	.1929	.2298	.2353	.5532
#1	1.986	2.022	2.019	2.028	41.19	41.01	1.993	40.90	2.036
#2	1.995	2.021	2.023	2.025	41.15	41.10	1.989	40.81	2.036
#3	1.966	2.023	2.013	2.009	41.02	40.94	1.984	40.71	2.017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.073**	**40.89**	**2.000**	F **1.627**	**2.046**	**2.029**	**2.067**	**2.037**	**5.144**
Stddev	.002	.08	.001	.005	.002	.008	.000	.003	.006
%RSD	.0705	.1958	.0444	.3283	.0883	.3898	.0216	.1569	.1270
#1	2.073	40.97	1.999	1.622	2.045	2.024	2.067	2.039	5.141
#2	2.071	40.91	2.000	1.626	2.046	2.025	2.067	2.033	5.140
#3	2.074	40.81	1.999	1.633	2.048	2.038	2.068	2.038	5.152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				2.000					
Range				-10.00%					

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 11:04:38 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.981**	**2.013**	**2.046**	**2.000**	**1.985**	**2.033**	**2.020**	**2.028**
Stddev	.001	.003	.001	.001	.006	.003	.002	.013
%RSD	.0418	.1366	.0250	.0241	.3109	.1249	.1063	.6514
#1	1.982	2.014	2.047	2.001	1.987	2.033	2.022	2.035
#2	1.981	2.015	2.046	2.000	1.990	2.030	2.017	2.036
#3	1.980	2.010	2.046	2.000	1.978	2.035	2.020	2.013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9244.6**	**117230.**	**13986.**	**5859.6**
Stddev	12.2	413.	87.	11.9
%RSD	.13233	.35239	.62039	.20379
#1	9240.0	117020.	13889.	5851.8
#2	9258.5	116970.	14011.	5873.4
#3	9235.3	117710.	14058.	5853.7

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 11:09:08 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0176**	**-.0015**	**.0060**	**-.0001**	**.0001**	**.0029**	**-.0071**	**.0005**
Stddev	.0002	.0085	.0008	.0007	.0006	.0001	.0011	.0039	.0002
%RSD	35.06	48.27	54.27	11.93	1032.	147.5	39.39	55.53	36.28
#1	.0006	.0268	-.0021	.0068	.0000	.0000	.0019	-.0027	.0004
#2	.0004	.0101	-.0006	.0060	-.0007	.0002	.0026	-.0083	.0007
#3	.0008	.0159	-.0017	.0053	.0005	-.0000	.0041	-.0102	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0060**	**.0005**	**.0002**	**.0011**	**.0044**	**.0404**	**.0001**	**.0061**	**.0001**
Stddev	.0004	.0003	.0003	.0005	.0046	.0613	.0024	.0176	.0001
%RSD	7.125	58.12	150.6	50.39	106.0	151.8	1957.	288.8	90.28
#1	.0057	.0007	.0000	.0010	.0048	.0956	.0015	.0227	.0001
#2	.0065	.0005	.0005	.0017	-.0005	-.0256	-.0026	.0080	.0000
#3	.0059	.0002	.0000	.0006	.0088	.0511	.0015	-.0124	.0002
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**.0542**	**.0004**	**.0067**	**.0017**	**.0037**	**.0008**	**.0011**	**.0041**
Stddev	.0002	.0143	.0003	.0017	.0004	.0011	.0006	.0007	.0010
%RSD	8.326	26.36	60.20	24.77	21.45	28.79	72.05	62.02	23.95
#1	.0023	.0630	.0002	.0079	.0021	.0039	.0009	.0015	.0051
#2	.0023	.0377	.0003	.0048	.0016	.0026	.0002	.0013	.0032
#3	.0020	.0620	.0007	.0075	.0014	.0047	.0013	.0003	.0041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 11:09:08 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.0003**	**.0003**	**.0006**	**.0003**	**.0014**	**.0002**	**-.0000**
Stddev	.0015	.0001	.0006	.0013	.0002	.0009	.0001	.0003
%RSD	603.2	36.78	218.2	195.4	57.15	65.34	35.62	1029.
#1	.0012	-.0004	.0002	-.0001	.0004	.0011	.0003	.0002
#2	-.0015	-.0002	.0009	-.0001	.0001	.0007	.0002	.0001
#3	.0011	-.0003	-.0003	.0021	.0005	.0025	.0002	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9596.4**	**119920.**	**14158.**	**6002.1**
Stddev	21.2	468.	105.	14.7
%RSD	.22141	.38993	.73887	.24416
#1	9620.8	119920.	14219.	6017.3
#2	9582.3	120390.	14037.	5988.0
#3	9586.0	119460.	14218.	6001.0

Zoom In Zoom Out

Sample Name: JE4605-4 Acquired: 1/27/2025 11:13:56 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**-.0106**	**.0559**	**.2948**	**.0321**	**-.0002**	**.0020**	**61.71**	**-.0005**
Stddev	.0004	.0146	.0012	.0019	.0001	.0001	.0011	.29	.0001
%RSD	30.39	137.8	2.142	.6537	.3942	26.76	55.32	.4619	24.75
#1	.0019	-.0029	.0562	.2943	.0320	-.0002	.0025	61.40	-.0003
#2	.0010	-.0274	.0546	.2932	.0323	-.0003	.0028	61.78	-.0005
#3	.0015	-.0014	.0570	.2969	.0322	-.0002	.0007	61.96	-.0006

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0126**	**.0002**	**.0009**	**.0009**	**.1153**	**10.91**	**.0139**	**39.53**	**.0188**
Stddev	.0014	.0001	.0002	.0003	.0067	.14	.0019	.20	.0001
%RSD	11.31	54.25	28.20	27.78	5.850	1.290	13.94	.5012	.2990
#1	.0128	.0001	.0008	.0008	.1076	10.78	.0117	39.30	.0188
#2	.0139	.0004	.0006	.0007	.1184	10.89	.0155	39.63	.0189
#3	.0111	.0002	.0011	.0012	.1200	11.06	.0145	39.65	.0187

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**127.8**	**.0031**	**5.470**	**-.0017**	**84.29**	**-.0012**	**-.0022**	F **31.34**
Stddev	.0002	.8	.0004	.007	.0018	.04	.0001	.0015	.01
%RSD	13.35	.6513	11.59	.1266	104.4	.0421	11.53	68.65	.0367
#1	.0017	126.9	.0032	5.476	-.0010	84.28	-.0013	-.0033	31.33
#2	.0016	127.9	.0033	5.472	-.0004	84.27	-.0013	-.0005	31.33
#3	.0013	128.6	.0027	5.463	-.0037	84.33	-.0011	-.0028	31.35

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0050**	**.4218**	**-.0009**	**-.0014**	**.0039**	**-.0049**	**.0003**	**-.0071**
Stddev	.0004	.0027	.0001	.0028	.0005	.0007	.0002	.0002
%RSD	8.669	.6307	6.265	199.2	12.79	13.66	85.09	2.852
#1	-.0048	.4190	-.0009	-.0008	.0041	-.0049	.0002	-.0069
#2	-.0055	.4221	-.0008	-.0044	.0034	-.0042	.0000	-.0072
#3	-.0047	.4243	-.0010	.0010	.0043	-.0055	.0005	-.0072

Zoom In Zoom Out

Sample Name: JE4605-4 Acquired: 1/27/2025 11:13:56 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8941.8**	**112810.**	**13533.**	**5667.9**
Stddev	2.7	572.	183.	1.9
%RSD	.02988	.50677	1.3499	.03418
#1	8943.1	113340.	13738.	5666.5
#2	8943.6	112210.	13386.	5670.1
#3	8938.8	112880.	13476.	5667.2

Zoom In Zoom Out

Sample Name: JE4606-1 Acquired: 1/27/2025 11:18:38 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017**	**.0109**	**-.0044**	**.7458**	**.0220**	**-.0013**	**.0031**	**39.54**
Stddev	.0002	.0171	.0018	.0012	.0000	.0002	.0012	.10
%RSD	14.10	157.5	41.57	.1673	.1587	12.38	38.30	.2510
#1	.0015	-.0089	-.0033	.7446	.0220	-.0012	.0024	39.47
#2	.0020	.0216	-.0033	.7471	.0220	-.0014	.0025	39.51
#3	.0018	.0199	-.0065	.7458	.0220	-.0015	.0045	39.65

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0146**	**.0004**	**.0005**	**.0011**	**.3768**	**15.60**	**.0243**
Stddev	.0001	.0025	.0002	.0002	.0003	.0031	.04	.0013
%RSD	48.36	17.27	58.56	44.86	25.22	.8278	.2816	5.405
#1	-.0002	.0169	.0006	.0008	.0011	.3803	15.65	.0256
#2	-.0001	.0119	.0001	.0003	.0009	.3745	15.56	.0245
#3	-.0002	.0151	.0004	.0004	.0014	.3755	15.58	.0229

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**48.14**	**.0227**	**.0045**	F **487.8**	**.0257**	**.0869**	**.0008**	F **334.4**
Stddev	.10	.0001	.0002	8.2	.0004	.0024	.0008	.9
%RSD	.2162	.5219	4.855	1.681	1.513	2.748	105.7	.2796
#1	48.08	.0225	.0047	490.5	.0260	.0842	.0017	334.5
#2	48.09	.0226	.0043	478.7	.0258	.0878	.0001	335.3
#3	48.26	.0228	.0046	494.4	.0253	.0888	.0006	333.4

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0073**	**-.0016**	**3.827**	**-.0039**	**.1286**	**-.0015**	**-.0019**	**.0004**
Stddev	.0019	.0005	.010	.0008	.0005	.0003	.0003	.0002
%RSD	26.43	29.29	.2624	20.83	.3633	19.60	17.44	51.50
#1	-.0083	-.0015	3.827	-.0046	.1287	-.0018	-.0023	.0006
#2	-.0050	-.0022	3.837	-.0030	.1281	-.0016	-.0016	.0003
#3	-.0084	-.0013	3.817	-.0040	.1291	-.0012	-.0019	.0003

Zoom In Zoom Out

Sample Name: JE4606-1 Acquired: 1/27/2025 11:18:38 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0018**	**.0011**	**-.0010**
Stddev	.0004	.0003	.0003
%RSD	20.51	30.92	32.75
#1	-.0022	.0014	-.0008
#2	-.0016	.0009	-.0008
#3	-.0015	.0008	-.0014

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8640.5**	**111280.**	**13714.**	**5567.4**
Stddev	16.9	416.	33.	15.9
%RSD	.19522	.37382	.23848	.28600
#1	8637.7	111730.	13704.	5564.2
#2	8625.2	111190.	13751.	5553.3
#3	8658.6	110910.	13688.	5584.6

Zoom In Zoom Out

Sample Name: JE4606-2 Acquired: 1/27/2025 11:23:29 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**-.0172**	**.0146**	**.4568**	**.0439**	**-.0013**	**.0034**	F **333.7**
Stddev	.0006	.0215	.0014	.0073	.0003	.0001	.0011	1.7
%RSD	26.33	125.3	9.364	1.598	.7190	8.181	32.72	.5044
#1	.0021	.0006	.0158	.4593	.0438	-.0012	.0042	332.1
#2	.0017	-.0110	.0131	.4486	.0436	-.0014	.0021	335.5
#3	.0029	-.0411	.0148	.4625	.0442	-.0012	.0039	333.4

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0030**	**.0195**	**.0009**	**.0011**	**.0010**	**.0502**	**4.785**	**.0063**
Stddev	.0002	.0025	.0002	.0004	.0004	.0012	.073	.0013
%RSD	8.056	12.78	23.91	34.09	39.94	2.477	1.522	21.19
#1	-.0031	.0208	.0007	.0009	.0013	.0515	4.719	.0077
#2	-.0033	.0167	.0008	.0015	.0006	.0501	4.773	.0063
#3	-.0028	.0211	.0011	.0009	.0010	.0490	4.863	.0050

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**59.86**	**.0168**	**.0008**	F **250.0**	**.0154**	**1.552**	**-.0011**	F **332.0**
Stddev	.42	.0000	.0002	3.9	.0007	.029	.0021	6.5
%RSD	.7075	.2826	21.01	1.562	4.626	1.901	192.5	1.971
#1	59.37	.0169	.0010	245.8	.0158	1.561	.0014	334.1
#2	60.09	.0168	.0008	253.5	.0146	1.519	-.0023	324.7
#3	60.11	.0168	.0007	250.6	.0158	1.576	-.0024	337.3

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0065**	**.0025**	**24.54**	**-.0055**	**1.671**	**-.0031**	**-.0038**	**.0354**
Stddev	.0019	.0015	.46	.0021	.005	.0002	.0012	.0001
%RSD	29.46	58.63	1.891	37.10	.3034	5.336	31.58	.2658
#1	-.0081	.0008	24.72	-.0070	1.665	-.0032	-.0042	.0355
#2	-.0068	.0031	24.01	-.0064	1.674	-.0029	-.0025	.0355
#3	-.0044	.0035	24.88	-.0032	1.673	-.0031	-.0048	.0353

Zoom In Zoom Out

Sample Name: JE4606-2 Acquired: 1/27/2025 11:23:29 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0027**	**-.0035**	**-.0059**
Stddev	.0019	.0001	.0002
%RSD	71.17	2.488	3.819
#1	-.0043	-.0036	-.0056
#2	-.0006	-.0036	-.0061
#3	-.0032	-.0034	-.0060

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8571.9**	**109210.**	**13316.**	**5455.4**
Stddev	109.4	820.	96.	77.9
%RSD	1.2764	.75102	.72201	1.4275
#1	8558.7	108310.	13405.	5457.1
#2	8687.3	109910.	13329.	5532.4
#3	8469.6	109420.	13214.	5376.7

Zoom In Zoom Out

Sample Name: JE4606-3 Acquired: 1/27/2025 11:28:30 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.3395**	**.0310**	**.2127**	**.0494**	**.0000**	**.0014**	**23.53**	**-.0002**
Stddev	.0001	.0042	.0005	.0007	.0002	.0001	.0019	.10	.0002
%RSD	14.61	1.239	1.496	.3240	.4672	668.0	137.1	.4325	90.23
#1	.0009	.3400	.0305	.2122	.0496	-.0000	-.0003	23.64	-.0004
#2	.0009	.3351	.0313	.2123	.0492	.0001	.0010	23.53	.0000
#3	.0007	.3434	.0312	.2135	.0493	-.0001	.0034	23.44	-.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0113**	**.0005**	**.0014**	**.0035**	**3.586**	**4.427**	**.0075**	**11.13**	**.0520**
Stddev	.0008	.0001	.0001	.0005	.009	.023	.0009	.05	.0001
%RSD	7.321	19.84	9.862	13.08	.2468	.5135	12.30	.4146	.1757
#1	.0122	.0005	.0013	.0034	3.595	4.400	.0070	11.17	.0521
#2	.0107	.0007	.0014	.0030	3.578	4.439	.0085	11.15	.0519
#3	.0108	.0005	.0016	.0039	3.584	4.440	.0069	11.08	.0519

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034**	**44.11**	**.0015**	**1.314**	**.0011**	**19.99**	**-.0036**	**-.0011**	**6.984**
Stddev	.0003	.10	.0002	.007	.0013	.04	.0020	.0017	.015
%RSD	7.444	.2318	13.14	.5096	118.6	.1811	55.35	153.3	.2166
#1	.0037	44.22	.0016	1.314	.0014	19.98	-.0028	-.0021	6.993
#2	.0032	44.06	.0013	1.320	-.0003	20.03	-.0021	.0009	6.992
#3	.0033	44.03	.0017	1.307	.0021	19.96	-.0058	-.0022	6.966

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0032**	**.4082**	**.0032**	**-.0001**	**.0019**	**-.0018**	**.0056**	**-.0016**
Stddev	.0014	.0006	.0006	.0009	.0001	.0010	.0006	.0002
%RSD	42.08	.1454	17.55	739.3	5.781	56.97	10.72	9.952
#1	-.0044	.4087	.0039	-.0007	.0019	-.0030	.0053	-.0015
#2	-.0034	.4076	.0029	.0010	.0019	-.0009	.0053	-.0018
#3	-.0018	.4084	.0029	-.0006	.0021	-.0016	.0063	-.0016

Zoom In Zoom Out

Sample Name: JE4606-3 Acquired: 1/27/2025 11:28:30 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9242.3**	**114800.**	**13607.**	**5808.0**
Stddev	39.0	568.	69.	28.4
%RSD	.42214	.49498	.50578	.48839
#1	9221.0	114420.	13573.	5793.2
#2	9218.6	115450.	13563.	5790.2
#3	9287.4	114520.	13687.	5840.8

Zoom In Zoom Out

Sample Name: JE4606-4 Acquired: 1/27/2025 11:33:11 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.1841**	**.0094**	**.1517**	**.0525**	**-.0001**	**.0023**	**9.251**	**.0001**
Stddev	.0006	.0061	.0013	.0025	.0003	.0001	.0018	.047	.0002
%RSD	93.89	3.316	13.93	1.634	.5444	77.53	77.40	.5035	212.8
#1	.0009	.1911	.0109	.1491	.0528	-.0001	.0020	9.301	-.0001
#2	.0010	.1815	.0084	.1541	.0523	-.0000	.0007	9.244	.0000
#3	-.0000	.1798	.0090	.1520	.0523	-.0001	.0042	9.208	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0152**	**.0003**	**.0011**	**.0010**	**.0951**	**35.02**	**.0740**	**.0256**	**.0014**
Stddev	.0044	.0003	.0003	.0003	.0035	.07	.0015	.0152	.0000
%RSD	28.66	99.28	23.17	28.62	3.724	.1964	2.037	59.26	1.657
#1	.0155	.0000	.0014	.0012	.0978	35.09	.0753	.0338	.0014
#2	.0107	.0003	.0009	.0007	.0911	34.95	.0743	.0081	.0014
#3	.0194	.0007	.0010	.0012	.0963	35.03	.0724	.0350	.0014

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0069**	**74.64**	**.0003**	**.0437**	**-.0005**	**6.360**	**-.0013**	**.0011**	**19.45**
Stddev	.0002	.13	.0001	.0012	.0012	.132	.0016	.0013	.37
%RSD	3.102	.1704	52.63	2.680	247.1	2.074	121.8	124.4	1.927
#1	.0067	74.78	.0004	.0426	-.0014	6.210	-.0032	.0021	19.02
#2	.0069	74.61	.0003	.0435	-.0009	6.457	-.0003	-.0004	19.73
#3	.0071	74.53	.0001	.0450	.0009	6.413	-.0005	.0016	19.59

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0018**	**1.209**	**-.0005**	**.0009**	**.0158**	**.0017**	**.0009**	**-.0045**
Stddev	.0018	.002	.0006	.0013	.0002	.0010	.0001	.0002
%RSD	99.67	.1467	117.1	138.8	1.515	58.74	10.46	5.161
#1	-.0039	1.211	-.0000	.0022	.0155	.0012	.0010	-.0042
#2	-.0009	1.208	-.0003	-.0004	.0158	.0010	.0008	-.0047
#3	-.0007	1.209	-.0012	.0010	.0160	.0028	.0010	-.0046

Zoom In Zoom Out

Sample Name: JE4606-4 Acquired: 1/27/2025 11:33:11 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9280.4**	**114960.**	**13658.**	**5860.7**
Stddev	113.2	443.	70.	77.9
%RSD	1.2195	.38537	.51176	1.3293
#1	9407.7	114510.	13582.	5948.3
#2	9191.3	114950.	13671.	5799.0
#3	9242.1	115400.	13720.	5834.9

Zoom In Zoom Out

Sample Name: JE4611-1 Acquired: 1/27/2025 11:37:57 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0384**	**.0093**	**.1684**	**.6648**	**.0000**	**.0018**	**138.0**	**-.0013**
Stddev	.0002	.0085	.0006	.0024	.0016	.0001	.0013	.4	.0002
%RSD	23.36	22.03	6.566	1.428	.2416	169.1	75.86	.2615	16.14
#1	.0010	.0397	.0095	.1704	.6630	-.0000	.0032	137.6	-.0011
#2	.0007	.0461	.0086	.1691	.6658	.0000	.0016	138.2	-.0014
#3	.0006	.0294	.0098	.1657	.6657	.0001	.0005	138.2	-.0014

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0135**	**.0001**	**.0025**	**.0005**	**.0238**	**6.156**	**.0017**	**28.98**	**.0174**
Stddev	.0036	.0001	.0006	.0005	.0039	.086	.0019	.10	.0000
%RSD	27.10	104.8	21.78	95.50	16.41	1.403	110.7	.3332	.2254
#1	.0092	.0000	.0029	.0011	.0207	6.228	.0007	28.96	.0174
#2	.0157	.0001	.0028	.0002	.0226	6.060	.0006	29.08	.0174
#3	.0154	.0001	.0019	.0003	.0282	6.181	.0039	28.89	.0174

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**70.96**	**.0002**	**.0643**	**-.0008**	**7.382**	**-.0021**	**-.0015**	**24.68**
Stddev	.0002	.12	.0001	.0011	.0001	.019	.0020	.0016	.09
%RSD	19.69	.1661	73.56	1.683	15.85	.2520	96.97	104.4	.3506
#1	.0012	70.87	.0003	.0638	-.0009	7.397	-.0015	-.0033	24.76
#2	.0008	71.09	.0000	.0655	-.0009	7.388	-.0044	-.0006	24.70
#3	.0011	70.91	.0002	.0635	-.0007	7.361	-.0004	-.0006	24.59

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0049**	**1.319**	**-.0009**	**.0010**	**.0115**	**-.0037**	**-.0009**	**-.0058**
Stddev	.0011	.001	.0004	.0019	.0004	.0008	.0001	.0001
%RSD	22.38	.0482	42.57	194.5	3.317	20.81	7.670	2.083
#1	-.0061	1.319	-.0006	-.0012	.0110	-.0029	-.0008	-.0058
#2	-.0040	1.320	-.0008	.0021	.0118	-.0044	-.0009	-.0056
#3	-.0045	1.319	-.0014	.0021	.0116	-.0039	-.0010	-.0059

Zoom In Zoom Out

Sample Name: JE4611-1 Acquired: 1/27/2025 11:37:57 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8985.9**	**113040.**	**13570.**	**5677.1**
Stddev	35.7	216.	101.	32.5
%RSD	.39744	.19077	.74300	.57215
#1	8952.9	113290.	13536.	5649.1
#2	8981.0	112920.	13491.	5669.6
#3	9023.8	112910.	13684.	5712.7

Zoom In Zoom Out

Sample Name: JE4611-2 Acquired: 1/27/2025 11:42:45 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**-.0119**	**.0047**	**.3584**	**.2519**	**-.0001**	**.0023**	**74.97**	**-.0006**
Stddev	.0007	.0084	.0006	.0021	.0020	.0001	.0010	.43	.0002
%RSD	70.42	71.06	12.38	.5754	.7888	89.91	44.88	.5801	25.57
#1	.0003	-.0056	.0046	.3605	.2505	-.0002	.0023	74.67	-.0004
#2	.0009	-.0215	.0053	.3582	.2511	-.0001	.0013	74.78	-.0007
#3	.0017	-.0085	.0041	.3564	.2542	-.0000	.0033	75.47	-.0007

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0182**	**.0001**	**.0007**	**.0013**	**.1070**	**2.540**	**.0027**	**22.09**	**.4861**
Stddev	.0014	.0000	.0005	.0003	.0026	.030	.0005	.12	.0284
%RSD	7.911	6.959	75.83	26.34	2.448	1.200	17.55	.5619	5.842
#1	.0197	.0001	.0004	.0014	.1046	2.558	.0027	22.07	.4876
#2	.0168	.0001	.0013	.0016	.1066	2.557	.0022	21.98	.4570
#3	.0180	.0001	.0004	.0010	.1098	2.505	.0031	22.22	.5138

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0040**	**140.1**	**-.0002**	**.0795**	**.0004**	**28.88**	**-.0038**	**-.0017**	F **26.93**
Stddev	.0002	.5	.0003	.0032	.0004	.17	.0015	.0038	.12
%RSD	5.996	.3908	157.1	3.994	104.1	.5733	39.03	221.5	.4500
#1	.0042	139.7	-.0001	.0823	.0009	29.00	-.0055	.0027	27.03
#2	.0040	140.0	-.0006	.0801	.0001	28.95	-.0028	-.0041	26.98
#3	.0038	140.7	.0000	.0761	.0002	28.69	-.0031	-.0038	26.80

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0049**	**.8768**	**-.0017**	**.0009**	**.0256**	**-.0018**	**.0006**	**-.0066**
Stddev	.0008	.0023	.0003	.0034	.0018	.0008	.0001	.0003
%RSD	15.56	.2668	18.91	382.8	7.011	44.88	10.60	4.870
#1	-.0049	.8747	-.0017	.0043	.0259	-.0016	.0006	-.0067
#2	-.0057	.8765	-.0014	.0010	.0236	-.0027	.0006	-.0062
#3	-.0042	.8793	-.0021	-.0026	.0272	-.0011	.0007	-.0068

Zoom In Zoom Out

Sample Name: JE4611-2 Acquired: 1/27/2025 11:42:45 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9009.6**	**114920.**	**13739.**	**5704.0**
Stddev	29.7	5381.	46.	28.2
%RSD	.33000	4.6821	.33623	.49391
#1	8999.1	114670.	13781.	5697.6
#2	8986.5	120420.	13745.	5679.5
#3	9043.1	109670.	13690.	5734.8

Zoom In Zoom Out

Sample Name: MP52383-B1 Acquired: 1/27/2025 11:48:29 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**.0050**	**.0007**	**.0025**	**.0001**	**.0000**	**.0016**	**.0092**	**.0001**
Stddev	.0005	.0096	.0032	.0005	.0005	.0001	.0017	.0028	.0001
%RSD	50.56	190.2	449.0	19.93	768.7	127.6	105.8	30.50	211.7
#1	.0008	-.0016	.0002	.0021	.0005	-.0000	.0034	.0063	-.0000
#2	.0016	.0160	.0041	.0024	-.0005	.0000	-.0000	.0119	.0002
#3	.0006	.0007	-.0022	.0031	.0002	.0001	.0015	.0095	.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0107**	**.0003**	**.0002**	**.0012**	**-.0047**	**.0351**	**-.0038**	**.0101**	**.0001**
Stddev	.0032	.0002	.0002	.0013	.0059	.0609	.0004	.0294	.0001
%RSD	30.20	45.55	91.40	109.5	125.9	173.2	11.60	290.8	55.62
#1	.0143	.0002	-.0000	-.0002	-.0061	.0172	-.0039	-.0238	.0000
#2	.0092	.0003	.0002	.0015	-.0098	.1029	-.0034	.0249	.0001
#3	.0084	.0005	.0003	.0022	.0018	-.0148	-.0043	.0292	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0902**	**-.0003**	**.0185**	**-.0011**	**.0096**	**-.0017**	**.0008**	**5.395**
Stddev	.0002	.0026	.0003	.0018	.0008	.0014	.0014	.0034	.028
%RSD	68.45	2.855	83.83	9.502	72.76	14.83	83.16	398.8	.5221
#1	-.0001	.0911	-.0005	.0166	-.0020	.0101	-.0003	-.0007	5.363
#2	-.0005	.0922	-.0005	.0201	-.0007	.0108	-.0031	-.0015	5.415
#3	-.0004	.0873	-.0000	.0189	-.0006	.0080	-.0016	.0047	5.406

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**-.0002**	**.0002**	**-.0001**	**.0000**	**-.0025**	**.0017**	**.0056**
Stddev	.0009	.0002	.0001	.0003	.0003	.0008	.0002	.0006
%RSD	149.7	84.34	42.30	596.5	791.7	32.12	13.76	11.19
#1	-.0009	-.0000	.0002	-.0001	.0001	-.0019	.0017	.0063
#2	-.0013	-.0002	.0002	-.0003	.0004	-.0023	.0014	.0051
#3	.0004	-.0004	.0003	.0003	-.0003	-.0034	.0018	.0055

Zoom In Zoom Out

Sample Name: MP52383-B1 Acquired: 1/27/2025 11:48:29 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9575.4**	**118580.**	**14106.**	**5937.7**
Stddev	41.7	516.	160.	33.6
%RSD	.43537	.43498	1.1340	.56596
#1	9623.5	118070.	14127.	5976.5
#2	9551.5	119100.	13936.	5918.9
#3	9551.1	118570.	14254.	5917.7

Zoom In Zoom Out

Sample Name: MP52383-MB1 Acquired: 1/27/2025 11:53:16 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**.0121**	**-.0011**	**.0021**	**-.0003**	**-.0000**	**.0018**	**.0153**	**-.0000**
Stddev	.0007	.0058	.0008	.0006	.0003	.0000	.0026	.0010	.0003
%RSD	57.63	47.52	80.54	27.36	118.4	1204.	143.2	6.524	2217.
#1	.0004	.0147	-.0014	.0016	.0000	.0000	.0046	.0154	.0001
#2	.0015	.0055	-.0017	.0027	-.0006	-.0000	.0014	.0163	.0001
#3	.0017	.0161	-.0001	.0021	-.0002	-.0000	-.0006	.0143	-.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0147**	**.0005**	**.0002**	**.0002**	**.0035**	**-.0494**	**-.0034**	**.0184**	**.0001**
Stddev	.0020	.0002	.0001	.0001	.0009	.0604	.0013	.0065	.0000
%RSD	13.44	54.24	56.95	51.79	24.87	122.3	37.55	35.19	19.28
#1	.0163	.0002	.0001	.0003	.0038	-.1015	-.0042	.0243	.0001
#2	.0153	.0006	.0003	.0001	.0025	.0168	-.0019	.0114	.0001
#3	.0125	.0006	.0001	.0003	.0042	-.0635	-.0041	.0196	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0682**	**-.0007**	**.0110**	**.0006**	**.0085**	**-.0026**	**-.0003**	**-.0053**
Stddev	.0002	.0183	.0002	.0033	.0019	.0023	.0003	.0009	.0003
%RSD	75.80	26.76	32.85	29.83	309.9	27.31	13.16	332.8	5.634
#1	-.0001	.0885	-.0007	.0112	-.0013	.0106	-.0026	.0008	-.0054
#2	-.0006	.0530	-.0005	.0141	.0026	.0090	-.0023	-.0008	-.0055
#3	-.0002	.0632	-.0009	.0076	.0006	.0060	-.0029	-.0008	-.0050

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**-.0002**	**-.0001**	**-.0002**	**-.0001**	**-.0027**	**.0011**	**-.0000**
Stddev	.0011	.0003	.0001	.0017	.0003	.0015	.0001	.0002
%RSD	88.70	199.7	143.9	849.0	389.6	54.38	8.121	581.7
#1	-.0006	-.0003	-.0001	.0018	-.0003	-.0042	.0010	.0000
#2	-.0006	-.0005	-.0001	-.0011	-.0001	-.0013	.0011	-.0002
#3	-.0026	.0002	.0000	-.0013	.0002	-.0026	.0012	.0001

Zoom In Zoom Out

Sample Name: MP52383-MB1 Acquired: 1/27/2025 11:53:16 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9583.9**	**117910.**	**14059.**	**5927.0**
Stddev	22.2	441.	14.	17.5
%RSD	.23146	.37420	.09980	.29545
#1	9565.9	117710.	14047.	5910.8
#2	9608.7	118420.	14055.	5945.6
#3	9577.1	117600.	14074.	5924.4

Zoom In Zoom Out

Sample Name: MP52383-S1 Acquired: 1/27/2025 11:58:05 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**-.0111**	**.0067**	**.2557**	**.0436**	**-.0001**	**.0024**	**83.31**	**-.0008**
Stddev	.0006	.0168	.0008	.0004	.0003	.0001	.0031	.12	.0003
%RSD	75.13	151.6	12.22	.1582	.7153	159.7	129.9	.1381	36.15
#1	.0005	-.0042	.0058	.2558	.0433	-.0001	.0042	83.25	-.0005
#2	.0004	.0012	.0068	.2561	.0439	-.0002	-.0012	83.45	-.0011
#3	.0014	-.0302	.0074	.2553	.0435	.0000	.0043	83.25	-.0007

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0127**	**.0014**	**.0013**	**.0011**	**.4816**	**4.378**	**.0009**	**21.78**	**.0046**
Stddev	.0059	.0002	.0001	.0005	.0025	.047	.0027	.09	.0000
%RSD	46.89	16.75	5.674	48.84	.5087	1.081	289.5	.4133	.6924
#1	.0068	.0012	.0014	.0012	.4809	4.360	.0023	21.76	.0046
#2	.0187	.0015	.0013	.0015	.4844	4.432	-.0022	21.88	.0047
#3	.0124	.0017	.0013	.0005	.4796	4.343	.0027	21.70	.0046

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0094**	**97.33**	**.0035**	**.0761**	**.0000**	**44.99**	**-.0016**	**-.0034**	F **30.37**
Stddev	.0001	.06	.0003	.0011	.0012	.00	.0006	.0018	.01
%RSD	1.532	.0608	9.046	1.400	3201.	.0108	38.40	53.14	.0473
#1	.0093	97.27	.0038	.0752	.0005	44.99	-.0013	-.0036	30.38
#2	.0092	97.35	.0037	.0773	.0009	44.99	-.0023	-.0015	30.36
#3	.0095	97.39	.0032	.0759	-.0013	45.00	-.0011	-.0051	30.36

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0040**	**.8227**	**-.0017**	**-.0004**	**.0170**	**-.0041**	**.0018**	**-.0033**
Stddev	.0013	.0013	.0006	.0011	.0003	.0014	.0002	.0001
%RSD	31.68	.1607	37.16	274.4	1.862	33.74	10.72	1.728
#1	-.0033	.8217	-.0019	-.0016	.0173	-.0046	.0020	-.0034
#2	-.0033	.8223	-.0023	.0005	.0167	-.0052	.0016	-.0033
#3	-.0055	.8242	-.0010	-.0001	.0169	-.0026	.0018	-.0034

Zoom In Zoom Out

Sample Name: MP52383-S1 Acquired: 1/27/2025 11:58:05 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9067.8**	**115070.**	**13864.**	**5716.7**
Stddev	33.1	948.	16.	24.8
%RSD	.36557	.82419	.11322	.43414
#1	9086.5	116080.	13882.	5727.3
#2	9087.5	114200.	13852.	5734.5
#3	9029.6	114940.	13858.	5688.3

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 12:02:47 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2574**	**40.65**	**2.039**	**2.062**	**2.007**	**2.059**	**2.093**	**40.92**	**2.085**
Stddev	.0008	.06	.005	.003	.005	.004	.003	.13	.003
%RSD	.3219	.1569	.2587	.1284	.2483	.1892	.1439	.3187	.1504
#1	.2573	40.70	2.036	2.061	2.008	2.063	2.096	40.98	2.084
#2	.2567	40.58	2.036	2.060	2.001	2.059	2.090	40.76	2.082
#3	.2583	40.68	2.045	2.065	2.011	2.055	2.094	41.00	2.088
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.999**	**2.083**	**2.074**	**2.060**	**42.02**	**41.97**	**1.991**	**41.13**	**2.060**
Stddev	.003	.003	.003	.004	.05	.08	.007	.18	.006
%RSD	.1566	.1278	.1284	.1874	.1084	.1819	.3542	.4486	.2917
#1	1.997	2.086	2.077	2.060	42.07	41.89	1.999	41.21	2.065
#2	2.003	2.080	2.072	2.063	42.03	42.04	1.985	40.91	2.062
#3	1.998	2.084	2.073	2.056	41.98	41.97	1.989	41.25	2.053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.128**	**41.38**	**2.051**	F **1.591**	**2.118**	**2.115**	**2.137**	**2.113**	**5.323**
Stddev	.003	.05	.003	.013	.001	.004	.004	.005	.007
%RSD	.1584	.1216	.1484	.7992	.0372	.1950	.1907	.2431	.1390
#1	2.128	41.39	2.051	1.580	2.118	2.118	2.133	2.113	5.328
#2	2.125	41.32	2.048	1.588	2.117	2.110	2.136	2.108	5.315
#3	2.132	41.42	2.054	1.605	2.119	2.117	2.141	2.118	5.327
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				2.000					
Range				-10.00%					

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 12:02:47 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.021**	**2.057**	**2.097**	**2.051**	**2.029**	**2.087**	**2.088**	**2.053**
Stddev	.007	.001	.002	.002	.001	.004	.004	.006
%RSD	.3322	.0298	.1029	.1087	.0711	.1750	.1747	.3070
#1	2.016	2.057	2.097	2.050	2.030	2.084	2.085	2.057
#2	2.017	2.058	2.095	2.048	2.030	2.086	2.088	2.056
#3	2.029	2.056	2.099	2.053	2.028	2.091	2.092	2.046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9340.3**	**118950.**	**14288.**	**5902.5**
Stddev	35.9	922.	55.	27.3
%RSD	.38441	.77517	.38330	.46184
#1	9380.9	117880.	14225.	5933.6
#2	9312.5	119470.	14317.	5882.7
#3	9327.6	119490.	14322.	5891.2

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 12:07:19 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0065**	**-.0022**	**.0077**	**-.0001**	**.0001**	**.0001**	**-.0082**	**.0006**
Stddev	.0007	.0021	.0006	.0001	.0004	.0001	.0009	.0016	.0002
%RSD	100.9	31.93	26.40	1.449	546.7	64.23	680.6	19.44	31.04
#1	.0011	.0057	-.0028	.0076	.0003	.0001	.0006	-.0095	.0004
#2	-.0001	.0089	-.0017	.0077	-.0005	.0001	.0007	-.0064	.0007
#3	.0009	.0050	-.0021	.0079	-.0000	.0000	-.0009	-.0088	.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0166**	**.0006**	**.0004**	**.0014**	**.0056**	**-.0662**	**-.0052**	**.0143**	**.0001**
Stddev	.0028	.0004	.0003	.0003	.0015	.0116	.0019	.0062	.0000
%RSD	17.06	58.79	75.68	17.72	27.86	17.58	36.39	43.16	53.47
#1	.0198	.0002	.0001	.0012	.0073	-.0611	-.0043	.0198	.0001
#2	.0143	.0010	.0007	.0014	.0047	-.0579	-.0040	.0076	.0001
#3	.0157	.0006	.0005	.0017	.0046	-.0795	-.0074	.0154	.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021**	**.0526**	**.0003**	**.0081**	**-.0007**	**-.0015**	**-.0004**	**.0005**	**.0056**
Stddev	.0002	.0141	.0006	.0017	.0017	.0014	.0002	.0007	.0008
%RSD	10.52	26.90	218.2	21.11	240.1	91.09	44.87	148.6	15.04
#1	.0022	.0365	-.0001	.0100	-.0018	-.0019	-.0007	.0013	.0060
#2	.0019	.0583	-.0001	.0074	.0013	.0000	-.0003	.0002	.0047
#3	.0023	.0630	.0010	.0068	-.0016	-.0027	-.0003	-.0001	.0062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 12:07:19 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**-.0003**	**.0005**	**-.0000**	**-.0000**	**.0014**	**.0002**	**-.0002**
Stddev	.0007	.0002	.0003	.0003	.0001	.0002	.0002	.0004
%RSD	68.59	77.88	70.99	1587.	156.6	17.11	92.24	158.5
#1	-.0020	-.0001	.0001	-.0004	.0000	.0014	-.0000	-.0004
#2	-.0007	-.0005	.0008	.0001	-.0001	.0011	.0004	.0002
#3	-.0006	-.0002	.0005	.0002	-.0001	.0016	.0003	-.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9668.5**	**120280.**	**14276.**	**6031.4**
Stddev	43.9	321.	49.	33.2
%RSD	.45373	.26657	.34551	.54982
#1	9683.1	120470.	14250.	6040.7
#2	9703.3	120460.	14245.	6058.9
#3	9619.3	119910.	14333.	5994.6

Zoom In Zoom Out

Sample Name: MP52383-S2 Acquired: 1/27/2025 12:12:07 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**.0012**	**.0052**	**.2550**	**.0431**	**-.0001**	**.0018**	**81.57**	**-.0006**
Stddev	.0011	.0061	.0002	.0009	.0004	.0001	.0032	.33	.0001
%RSD	96.17	522.3	4.295	.3370	.8990	55.10	182.7	.4070	9.670
#1	.0005	.0071	.0052	.2557	.0431	-.0001	.0055	81.24	-.0006
#2	.0006	.0015	.0053	.2540	.0428	-.0002	.0005	81.90	-.0006
#3	.0025	-.0051	.0049	.2552	.0436	-.0001	-.0006	81.57	-.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0200**	**.0012**	**.0012**	**.0016**	**.4548**	**4.333**	**-.0006**	**21.34**	**.0044**
Stddev	.0028	.0002	.0001	.0005	.0038	.067	.0016	.08	.0000
%RSD	14.05	16.26	8.518	33.59	.8365	1.555	270.2	.3552	.9541
#1	.0231	.0010	.0012	.0019	.4511	4.401	.0007	21.26	.0044
#2	.0176	.0014	.0011	.0020	.4587	4.267	-.0001	21.41	.0044
#3	.0192	.0011	.0013	.0010	.4545	4.331	-.0024	21.34	.0044

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0101**	**95.43**	**.0035**	**.0723**	**-.0019**	**44.40**	**-.0007**	**-.0014**	F **29.88**
Stddev	.0002	.32	.0002	.0014	.0006	.29	.0008	.0022	.17
%RSD	2.239	.3360	5.649	1.954	30.53	.6427	112.4	156.3	.5819
#1	.0103	95.07	.0038	.0732	-.0013	44.69	-.0014	.0007	30.06
#2	.0100	95.70	.0035	.0730	-.0020	44.12	-.0011	-.0013	29.71
#3	.0099	95.52	.0034	.0706	-.0025	44.39	.0002	-.0037	29.87

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0047**	**.8077**	**-.0021**	**.0002**	**.0170**	**-.0043**	**.0020**	**.0014**
Stddev	.0010	.0027	.0008	.0012	.0002	.0003	.0001	.0008
%RSD	21.90	.3303	40.46	745.4	1.140	5.964	3.119	55.64
#1	-.0041	.8046	-.0025	.0010	.0171	-.0045	.0021	.0022
#2	-.0041	.8089	-.0011	.0008	.0172	-.0043	.0020	.0012
#3	-.0059	.8095	-.0026	-.0013	.0168	-.0040	.0020	.0007

Zoom In Zoom Out

Sample Name: MP52383-S2 Acquired: 1/27/2025 12:12:07 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9084.8**	**113840.**	**13900.**	**5710.9**
Stddev	42.1	482.	42.	35.1
%RSD	.46394	.42342	.30165	.61493
#1	9090.1	113300.	13948.	5716.3
#2	9124.1	113980.	13873.	5742.9
#3	9040.3	114230.	13878.	5673.3

Zoom In Zoom Out

Sample Name: JE4608-1 Acquired: 1/27/2025 12:16:49 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**.0120**	**.0077**	**.2543**	**.0432**	**-.0001**	**.0023**	**82.05**	**-.0005**
Stddev	.0005	.0115	.0011	.0007	.0004	.0001	.0021	.18	.0002
%RSD	35.36	95.81	14.41	.2739	.9490	90.02	89.24	.2172	31.37
#1	.0018	-.0003	.0074	.2546	.0428	-.0000	.0032	81.98	-.0004
#2	.0009	.0138	.0090	.2535	.0433	-.0001	-.0000	81.92	-.0007
#3	.0013	.0224	.0068	.2548	.0436	-.0002	.0039	82.26	-.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0188**	**.0011**	**.0011**	**.0016**	**.4684**	**4.360**	**-.0014**	**21.49**	**.0047**
Stddev	.0012	.0003	.0002	.0005	.0013	.091	.0018	.02	.0000
%RSD	6.241	28.98	15.51	32.08	.2673	2.085	130.3	.0792	.1717
#1	.0196	.0014	.0011	.0021	.4690	4.420	-.0014	21.51	.0047
#2	.0193	.0007	.0012	.0011	.4669	4.404	.0004	21.47	.0047
#3	.0175	.0012	.0009	.0016	.4692	4.255	-.0032	21.49	.0047

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0091**	**96.04**	**.0031**	**.0623**	**.0001**	**44.49**	**-.0013**	**.0011**	**24.46**
Stddev	.0001	.22	.0000	.0006	.0013	.05	.0017	.0043	.03
%RSD	1.091	.2331	1.385	.9209	1134.	.1051	129.7	377.4	.1140
#1	.0091	95.79	.0031	.0629	-.0013	44.52	.0004	.0034	24.47
#2	.0092	96.12	.0031	.0618	.0013	44.52	-.0030	.0038	24.47
#3	.0090	96.22	.0031	.0621	.0003	44.44	-.0014	-.0038	24.42

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0059**	**.8122**	**-.0019**	**-.0002**	**.0167**	**-.0041**	**.0017**	**-.0057**
Stddev	.0008	.0015	.0006	.0009	.0006	.0009	.0001	.0002
%RSD	14.19	.1804	28.76	445.4	3.316	22.67	4.957	3.571
#1	-.0064	.8105	-.0018	-.0009	.0162	-.0037	.0016	-.0058
#2	-.0065	.8132	-.0015	-.0005	.0165	-.0051	.0017	-.0055
#3	-.0050	.8129	-.0025	.0008	.0173	-.0034	.0017	-.0058

Zoom In Zoom Out

Sample Name: JE4608-1 Acquired: 1/27/2025 12:16:49 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8969.5**	**111910.**	**13615.**	**5616.3**
Stddev	31.9	726.	11.	28.7
%RSD	.35597	.64867	.08265	.51055
#1	8972.3	112310.	13602.	5622.9
#2	8936.2	111070.	13622.	5585.0
#3	8999.9	112340.	13620.	5641.2

Zoom In Zoom Out

Sample Name: MP52383-SD1 Acquired: 1/27/2025 12:21:30 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0049**	**.0184**	**.0014**	**.2648**	**.0414**	**-.0000**	**-.0042**	**76.21**	**-.0001**
Stddev	.0022	.0528	.0081	.0031	.0022	.0003	.0036	.49	.0006
%RSD	45.50	286.9	594.1	1.175	5.268	2222.	87.42	.6371	477.2
#1	.0074	.0097	.0083	.2667	.0391	-.0002	-.0052	75.91	-.0006
#2	.0032	-.0295	.0033	.2612	.0417	-.0002	-.0001	75.94	.0006
#3	.0040	.0750	-.0075	.2664	.0434	.0004	-.0072	76.77	-.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0692**	**.0011**	**.0021**	**.0111**	**.4542**	**3.658**	**-.0187**	**20.33**	**.0043**
Stddev	.0085	.0020	.0013	.0037	.0062	.140	.0081	.16	.0005
%RSD	12.28	186.2	63.07	33.01	1.366	3.823	43.18	.8060	10.59
#1	.0686	.0019	.0031	.0146	.4554	3.744	-.0266	20.30	.0048
#2	.0610	-.0012	.0006	.0114	.4597	3.496	-.0190	20.18	.0044
#3	.0779	.0024	.0027	.0073	.4474	3.732	-.0105	20.51	.0039

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0113**	**90.51**	**.0044**	**.0907**	**.0048**	**42.09**	**.0003**	**.0004**	**23.70**
Stddev	.0002	.60	.0019	.0102	.0081	.47	.0136	.0091	.24
%RSD	1.823	.6634	42.30	11.28	168.9	1.107	4360.	2131.	1.027
#1	.0112	90.03	.0064	.0886	.0074	41.61	-.0013	.0100	23.45
#2	.0111	90.30	.0043	.1019	.0112	42.12	.0146	-.0005	23.72
#3	.0115	91.18	.0026	.0818	-.0043	42.54	-.0124	-.0082	23.93

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0108**	**.7413**	**-.0030**	**-.0000**	**.0161**	**.0044**	**.0031**	**-.0076**
Stddev	.0045	.0043	.0014	.0025	.0005	.0043	.0001	.0013
%RSD	41.78	.5797	45.32	130800.	3.189	96.86	2.594	17.73
#1	-.0140	.7382	-.0022	-.0006	.0156	.0079	.0031	-.0083
#2	-.0129	.7395	-.0022	.0027	.0160	.0057	.0031	-.0083
#3	-.0056	.7462	-.0046	-.0021	.0167	-.0004	.0030	-.0060

Zoom In Zoom Out

Sample Name: MP52383-SD1 Acquired: 1/27/2025 12:21:30 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9358.0**	**116780.**	**13933.**	**5849.5**
Stddev	37.9	449.	91.	27.4
%RSD	.40531	.38409	.65612	.46777
#1	9395.0	116270.	14039.	5876.3
#2	9360.0	117100.	13874.	5850.6
#3	9319.2	116970.	13887.	5821.6

Zoom In Zoom Out

Sample Name: JE4608-2 Acquired: 1/27/2025 12:26:15 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**.0722**	**.0127**	**.2714**	**.2460**	**-.0001**	**.0011**	**63.09**	**-.0005**
Stddev	.0004	.0205	.0014	.0052	.0005	.0001	.0014	.07	.0002
%RSD	35.16	28.41	10.74	1.917	.1997	140.9	125.3	.1057	44.96
#1	.0017	.0872	.0142	.2673	.2464	.0000	.0026	63.15	-.0006
#2	.0012	.0488	.0123	.2773	.2455	-.0001	.0010	63.02	-.0002
#3	.0009	.0806	.0116	.2697	.2462	-.0001	-.0002	63.11	-.0007

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0221**	**.0003**	**.0007**	**.0016**	**.1176**	**3.545**	**.0000**	**10.37**	**.1855**
Stddev	.0043	.0002	.0002	.0000	.0011	.047	.0010	.02	.0006
%RSD	19.48	91.85	25.39	2.869	.8934	1.330	132200.	.1885	.3453
#1	.0197	.0000	.0006	.0017	.1163	3.501	-.0009	10.35	.1848
#2	.0271	.0005	.0006	.0016	.1183	3.539	-.0002	10.39	.1859
#3	.0195	.0002	.0009	.0016	.1181	3.594	.0011	10.38	.1858

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037**	**92.71**	**.0006**	**.0770**	**-.0015**	**21.13**	**-.0007**	**-.0028**	**23.26**
Stddev	.0005	.12	.0003	.0023	.0012	.43	.0015	.0018	.43
%RSD	12.30	.1312	62.64	2.986	80.31	2.037	219.5	65.77	1.865
#1	.0035	92.60	.0007	.0784	-.0022	20.84	-.0015	-.0012	22.99
#2	.0043	92.69	.0002	.0782	-.0024	21.63	.0011	-.0048	23.76
#3	.0035	92.84	.0008	.0743	-.0001	20.93	-.0016	-.0025	23.02

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0038**	**.5216**	**.0021**	**-.0000**	**.0109**	**-.0037**	**.0066**	**-.0054**
Stddev	.0025	.0005	.0006	.0013	.0003	.0012	.0001	.0005
%RSD	65.22	.0873	30.45	111900.	3.214	31.94	.9392	8.452
#1	-.0058	.5216	.0021	.0014	.0111	-.0045	.0066	-.0049
#2	-.0044	.5211	.0014	-.0011	.0110	-.0024	.0067	-.0055
#3	-.0011	.5221	.0027	-.0003	.0105	-.0044	.0065	-.0057

Zoom In Zoom Out

Sample Name: JE4608-2 Acquired: 1/27/2025 12:26:15 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8969.0**	**112780.**	**13572.**	**5615.8**
Stddev	114.6	687.	76.	76.8
%RSD	1.2781	.60889	.55772	1.3681
#1	9049.5	113570.	13659.	5677.8
#2	8837.8	112310.	13529.	5529.9
#3	9019.9	112470.	13528.	5639.9

Zoom In Zoom Out

Sample Name: JE4608-3 Acquired: 1/27/2025 12:30:58 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**.0100**	**.0039**	**.3576**	**.0252**	**-.0008**	**.0022**	F **204.8**
Stddev	.0002	.0108	.0023	.0022	.0004	.0000	.0014	6.9
%RSD	10.65	107.5	58.67	.6111	1.497	2.277	63.25	3.346
#1	.0013	.0217	.0063	.3551	.0256	-.0008	.0033	198.1
#2	.0014	.0078	.0017	.3586	.0251	-.0008	.0027	211.8
#3	.0016	.0005	.0038	.3592	.0249	-.0008	.0006	204.6

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0015**	**.0210**	**.0003**	**.0006**	**.0006**	**-.0211**	**6.123**	**.0021**
Stddev	.0004	.0025	.0003	.0003	.0006	.0016	.039	.0019
%RSD	27.93	11.96	112.0	45.03	94.70	7.344	.6367	88.82
#1	-.0010	.0183	.0003	.0003	.0010	-.0204	6.083	.0038
#2	-.0018	.0233	.0005	.0006	-.0000	-.0229	6.124	.0001
#3	-.0018	.0212	-.0000	.0009	.0008	-.0201	6.161	.0025

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**37.51**	**-.0016**	**.0018**	**176.1**	**.0014**	**.1024**	**.0003**	F **216.8**
Stddev	.04	.0001	.0003	1.6	.0005	.0031	.0011	1.5
%RSD	.1135	3.988	17.60	.9236	39.08	3.001	351.1	.6892
#1	37.56	-.0015	.0021	177.7	.0010	.0992	-.0009	215.1
#2	37.50	-.0016	.0019	174.4	.0011	.1053	.0013	217.2
#3	37.48	-.0016	.0015	176.0	.0020	.1027	.0005	217.9

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0047**	**.0022**	F **26.06**	**-.0051**	**1.238**	**-.0025**	**-.0012**	**.0142**
Stddev	.0035	.0009	.18	.0018	.005	.0007	.0026	.0003
%RSD	75.01	41.50	.7090	36.01	.4126	27.84	214.9	1.870
#1	-.0017	.0019	25.85	-.0062	1.244	-.0027	.0010	.0144
#2	-.0085	.0015	26.14	-.0030	1.238	-.0032	-.0041	.0144
#3	-.0037	.0032	26.19	-.0061	1.233	-.0018	-.0005	.0139

Zoom In Zoom Out

Sample Name: JE4608-3 Acquired: 1/27/2025 12:30:58 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0024**	**-.0021**	**-.0055**
Stddev	.0001	.0002	.0005
%RSD	5.243	7.963	8.134
#1	-.0026	-.0019	-.0050
#2	-.0023	-.0021	-.0058
#3	-.0024	-.0022	-.0058

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8645.2**	**110920.**	**13358.**	**5391.2**
Stddev	57.5	301.	80.	43.4
%RSD	.66567	.27168	.59584	.80544
#1	8700.3	110740.	13447.	5432.6
#2	8649.9	110750.	13334.	5395.2
#3	8585.5	111270.	13293.	5346.0

Zoom In Zoom Out

Sample Name: JE4608-4 Acquired: 1/27/2025 12:35:57 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017**	**.0106**	**.0011**	**.4033**	**.0297**	**-.0006**	**.0034**	**196.4**
Stddev	.0008	.0069	.0014	.0051	.0012	.0000	.0015	1.4
%RSD	47.50	64.59	124.1	1.270	4.155	4.943	43.52	.7198
#1	.0026	.0161	.0021	.4089	.0287	-.0006	.0049	197.8
#2	.0010	.0128	.0016	.3990	.0294	-.0006	.0034	196.5
#3	.0015	.0029	-.0004	.4018	.0311	-.0006	.0019	195.0

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0015**	**.0266**	**.0003**	**.0026**	**.0017**	**-.0200**	**7.257**	**.0027**
Stddev	.0003	.0036	.0002	.0003	.0005	.0019	.189	.0008
%RSD	21.19	13.38	73.69	11.62	29.04	9.540	2.604	28.91
#1	-.0012	.0279	.0002	.0025	.0023	-.0178	7.134	.0036
#2	-.0018	.0226	.0006	.0024	.0015	-.0211	7.163	.0024
#3	-.0017	.0294	.0002	.0030	.0014	-.0210	7.475	.0021

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**49.58**	**.0196**	**.0004**	**168.5**	**.0011**	**.1102**	**-.0024**	F **170.1**
Stddev	1.54	.0004	.0002	5.0	.0003	.0036	.0009	1.9
%RSD	3.107	2.077	51.93	2.971	24.48	3.297	39.54	1.091
#1	48.59	.0193	.0002	165.4	.0010	.1139	-.0017	172.1
#2	48.80	.0194	.0004	165.8	.0013	.1066	-.0020	168.4
#3	51.35	.0201	.0007	174.2	.0008	.1102	-.0034	169.9

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0037**	**-.0010**	F **30.81**	**-.0050**	**1.745**	**-.0032**	**-.0026**	**.0233**
Stddev	.0011	.0004	.35	.0006	.049	.0002	.0018	.0002
%RSD	30.55	38.77	1.147	11.41	2.816	5.979	69.96	.6776
#1	-.0049	-.0014	31.20	-.0055	1.716	-.0033	-.0028	.0231
#2	-.0033	-.0006	30.52	-.0050	1.718	-.0030	-.0007	.0233
#3	-.0028	-.0010	30.71	-.0044	1.802	-.0034	-.0043	.0234

Zoom In Zoom Out

Sample Name: JE4608-4 Acquired: 1/27/2025 12:35:57 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0036**	**-.0016**	**-.0066**
Stddev	.0009	.0001	.0004
%RSD	25.08	7.953	6.011
#1	-.0026	-.0014	-.0065
#2	-.0042	-.0016	-.0062
#3	-.0041	-.0017	-.0070

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8723.8**	**109680.**	**12955.**	**5445.8**
Stddev	39.7	1144.	284.	27.6
%RSD	.45529	1.0428	2.1888	.50680
#1	8686.2	110390.	13111.	5421.1
#2	8765.4	110280.	13127.	5475.6
#3	8719.8	108360.	12628.	5440.7

Zoom In Zoom Out

Sample Name: JE4608-5 Acquired: 1/27/2025 12:40:49 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018**	**.0957**	**.0020**	**.7463**	**.0471**	**-.0010**	**.0040**	**164.0**
Stddev	.0006	.0055	.0004	.0039	.0005	.0000	.0015	3.2
%RSD	34.86	5.769	21.48	.5250	1.069	2.670	37.17	1.978
#1	.0013	.0910	.0020	.7419	.0465	-.0010	.0047	166.0
#2	.0017	.1018	.0016	.7479	.0473	-.0010	.0051	160.2
#3	.0025	.0943	.0025	.7492	.0474	-.0010	.0023	165.7

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.0190**	**.0006**	**.0005**	**.0057**	**58.04**	**3.862**	**.0007**
Stddev	.0003	.0026	.0000	.0003	.0002	.11	.113	.0011
%RSD	28.94	13.80	6.314	55.52	3.350	.1975	2.918	164.5
#1	-.0006	.0163	.0007	.0005	.0058	57.92	3.750	.0018
#2	-.0012	.0192	.0006	.0009	.0055	58.05	3.862	-.0003
#3	-.0010	.0215	.0006	.0003	.0059	58.14	3.975	.0005

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**30.53**	**1.337**	**.0035**	F **436.1**	**.0145**	**.1264**	**.0015**	F **255.6**
Stddev	.10	.052	.0004	8.9	.0003	.0011	.0004	1.5
%RSD	.3161	3.897	10.20	2.034	1.774	.8626	25.45	.5874
#1	30.43	1.356	.0033	433.6	.0142	.1262	.0011	254.0
#2	30.62	1.278	.0033	428.8	.0146	.1276	.0015	255.7
#3	30.53	1.377	.0039	446.0	.0147	.1254	.0019	257.0

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0066**	**-.0038**	**17.51**	**-.0046**	**.5199**	**.0014**	**-.0026**	**-.0002**
Stddev	.0012	.0045	.09	.0020	.0015	.0004	.0026	.0001
%RSD	18.18	116.5	.5019	44.33	.2799	29.43	98.63	73.87
#1	-.0063	.0009	17.42	-.0035	.5183	.0017	-.0003	-.0002
#2	-.0079	-.0046	17.53	-.0069	.5203	.0014	-.0022	-.0001
#3	-.0055	-.0079	17.59	-.0033	.5211	.0009	-.0054	-.0003

Zoom In Zoom Out

Sample Name: JE4608-5 Acquired: 1/27/2025 12:40:49 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0033**	**.3113**	**-.0044**
Stddev	.0007	.0017	.0001
%RSD	21.73	.5334	2.808
#1	-.0033	.3098	-.0046
#2	-.0026	.3110	-.0043
#3	-.0040	.3131	-.0045

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8759.0**	**110160.**	**12937.**	**5506.4**
Stddev	16.6	4551.	65.	14.7
%RSD	.18976	4.1315	.50428	.26679
#1	8740.3	108560.	12952.	5490.9
#2	8771.8	115290.	12993.	5520.1
#3	8765.0	106620.	12865.	5508.2

Zoom In Zoom Out

Sample Name: JE4610-1 Acquired: 1/27/2025 12:45:47 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**.0238**	**.0070**	**.3360**	**.3375**	**.0000**	**.0016**	**56.70**	**-.0007**
Stddev	.0004	.0144	.0011	.0033	.0005	.0001	.0011	.16	.0001
%RSD	29.23	60.34	15.95	.9827	.1499	291.5	68.99	.2753	11.74
#1	.0012	.0105	.0082	.3331	.3369	-.0000	.0012	56.62	-.0007
#2	.0019	.0218	.0068	.3353	.3379	.0000	.0029	56.87	-.0007
#3	.0013	.0390	.0060	.3396	.3376	.0001	.0007	56.59	-.0006

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0111**	**.0003**	**.0007**	**.0012**	**.6918**	**3.314**	**.0027**	**12.27**	**.1126**
Stddev	.0020	.0001	.0001	.0008	.0009	.080	.0020	.07	.0005
%RSD	18.09	56.60	12.18	64.91	.1317	2.421	74.24	.5849	.4561
#1	.0132	.0003	.0008	.0021	.6928	3.270	.0004	12.27	.1121
#2	.0106	.0004	.0007	.0006	.6910	3.264	.0034	12.34	.1131
#3	.0093	.0001	.0006	.0010	.6918	3.406	.0043	12.20	.1125

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0042**	**134.4**	**-.0009**	**.0936**	**-.0004**	**8.882**	**-.0010**	**-.0032**	**20.92**
Stddev	.0002	.4	.0002	.0022	.0013	.060	.0015	.0017	.11
%RSD	4.948	.2719	21.78	2.328	343.3	.6781	157.7	54.67	.5428
#1	.0040	134.0	-.0007	.0911	.0011	8.837	-.0023	-.0039	20.86
#2	.0041	134.8	-.0010	.0949	-.0007	8.859	.0007	-.0044	20.85
#3	.0044	134.4	-.0011	.0948	-.0015	8.950	-.0014	-.0012	21.05

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0023**	**.5865**	**-.0009**	**-.0002**	**.0001**	**-.0033**	**.0061**	**-.0055**
Stddev	.0024	.0018	.0005	.0007	.0000	.0010	.0001	.0003
%RSD	102.2	.3042	56.01	437.3	55.36	30.64	.9403	5.671
#1	-.0010	.5845	-.0009	-.0004	.0001	-.0028	.0061	-.0054
#2	-.0009	.5876	-.0004	.0006	.0001	-.0026	.0060	-.0058
#3	-.0051	.5875	-.0015	-.0007	.0001	-.0044	.0061	-.0053

Zoom In Zoom Out

Sample Name: JE4610-1 Acquired: 1/27/2025 12:45:47 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9004.8**	**112720.**	**13407.**	**5585.2**
Stddev	38.6	454.	96.	28.1
%RSD	.42916	.40277	.71605	.50244
#1	9049.0	112830.	13505.	5617.4
#2	8987.3	112220.	13314.	5571.5
#3	8977.9	113110.	13402.	5566.5

Zoom In Zoom Out

Sample Name: JE4610-2 Acquired: 1/27/2025 12:50:29 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**.0010**	**.0045**	**.2585**	**.8656**	**-.0001**	**.0014**	**195.1**
Stddev	.0008	.0061	.0013	.0030	.0023	.0001	.0029	5.1
%RSD	43.53	609.4	28.94	1.171	.2616	166.6	206.4	2.613
#1	.0029	-.0036	.0049	.2570	.8632	-.0002	.0035	191.2
#2	.0012	-.0013	.0056	.2565	.8661	.0001	-.0019	193.3
#3	.0017	.0079	.0031	.2620	.8676	-.0001	.0025	200.9

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0019**	**.0154**	**.0001**	**.0005**	**.0012**	**.8477**	**5.224**	**.0037**
Stddev	.0002	.0027	.0002	.0004	.0005	.0056	.069	.0012
%RSD	9.206	17.46	198.5	84.10	40.08	.6633	1.328	31.39
#1	-.0020	.0169	-.0001	.0009	.0011	.8424	5.277	.0045
#2	-.0018	.0123	.0003	.0002	.0017	.8536	5.249	.0042
#3	-.0021	.0169	.0001	.0003	.0008	.8472	5.146	.0024

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**34.60**	**.3395**	**.0013**	**157.0**	**-.0001**	**.0547**	**-.0010**	**22.18**
Stddev	.11	.0027	.0007	.5	.0005	.0027	.0008	.39
%RSD	.3202	.7837	57.90	.3283	743.5	5.020	79.88	1.777
#1	34.48	.3419	.0013	156.4	-.0006	.0575	-.0003	21.90
#2	34.70	.3400	.0005	157.3	.0004	.0545	-.0018	22.00
#3	34.62	.3366	.0020	157.3	-.0001	.0521	-.0008	22.63

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**-.0001**	**22.40**	**-.0062**	**1.804**	**-.0035**	**-.0004**	**.0059**
Stddev	.0017	.0018	.38	.0013	.006	.0003	.0001	.0003
%RSD	111.3	2669.	1.683	20.54	.3147	7.545	34.02	4.533
#1	-.0024	.0010	22.13	-.0055	1.798	-.0034	-.0003	.0060
#2	-.0027	.0010	22.25	-.0076	1.805	-.0038	-.0004	.0060
#3	.0004	-.0022	22.83	-.0054	1.809	-.0034	-.0006	.0056

Zoom In Zoom Out

Sample Name: JE4610-2 Acquired: 1/27/2025 12:50:29 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0023**	**-.0014**	**-.0056**
Stddev	.0014	.0001	.0005
%RSD	61.69	3.843	8.025
#1	-.0036	-.0015	-.0051
#2	-.0008	-.0014	-.0059
#3	-.0025	-.0014	-.0059

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8562.2**	**107160.**	**12660.**	**5298.4**
Stddev	101.8	110.	40.	66.7
%RSD	1.1890	.10295	.31681	1.2580
#1	8599.6	107050.	12690.	5320.4
#2	8640.1	107260.	12676.	5351.2
#3	8447.0	107190.	12614.	5223.5

Zoom In Zoom Out

Sample Name: JE4610-3 Acquired: 1/27/2025 12:55:20 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**-.0050**	**.0032**	**.3098**	**.4009**	**.0000**	**.0039**	**54.19**	**-.0003**
Stddev	.0004	.0126	.0022	.0007	.0014	.0000	.0012	.22	.0003
%RSD	33.77	254.4	69.25	.2379	.3436	107.5	30.69	.3994	84.00
#1	.0007	.0096	.0037	.3098	.3994	.0000	.0028	53.94	-.0000
#2	.0013	-.0121	.0008	.3091	.4020	.0001	.0052	54.29	-.0004
#3	.0013	-.0124	.0051	.3106	.4014	.0000	.0038	54.34	-.0006

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0096**	**.0000**	**.0006**	**.0015**	**1.798**	**4.500**	**.0003**	**15.73**	**.1266**
Stddev	.0042	.0005	.0005	.0004	.016	.074	.0008	.05	.0009
%RSD	43.45	1177.	78.80	27.56	.8840	1.639	270.3	.3326	.6716
#1	.0116	.0003	.0003	.0010	1.780	4.524	.0010	15.68	.1275
#2	.0048	.0003	.0003	.0015	1.800	4.418	-.0005	15.74	.1265
#3	.0124	-.0005	.0011	.0018	1.812	4.560	.0004	15.78	.1258

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0035**	**F 207.0**	**-.0006**	**.0336**	**.0000**	**8.366**	**-.0038**	**-.0011**	**12.92**
Stddev	.0004	.8	.0000	.0019	.0012	.014	.0018	.0010	.02
%RSD	10.05	.3800	7.542	5.541	2698.	.1645	46.64	99.11	.1223
#1	.0037	206.4	-.0006	.0319	.0008	8.366	-.0031	-.0009	12.91
#2	.0031	206.8	-.0005	.0333	-.0013	8.380	-.0025	-.0022	12.94
#3	.0038	207.9	-.0005	.0356	.0006	8.352	-.0058	-.0001	12.91

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0044**	**.7832**	**-.0008**	**.0004**	**-.0004**	**-.0020**	**.0007**	**-.0036**
Stddev	.0016	.0021	.0008	.0021	.0003	.0003	.0003	.0003
%RSD	36.57	.2650	97.77	500.9	88.98	16.96	45.19	9.297
#1	-.0029	.7808	-.0014	-.0016	-.0002	-.0022	.0004	-.0033
#2	-.0061	.7843	-.0010	.0026	-.0008	-.0016	.0010	-.0039
#3	-.0044	.7846	.0001	.0002	-.0002	-.0021	.0006	-.0038

Zoom In Zoom Out

Sample Name: JE4610-3 Acquired: 1/27/2025 12:55:20 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8828.6**	**108760.**	**12844.**	**5491.3**
Stddev	49.3	636.	84.	36.8
%RSD	.55841	.58440	.65523	.67025
#1	8790.5	108410.	12817.	5463.1
#2	8811.0	108380.	12939.	5477.9
#3	8884.3	109500.	12777.	5532.9

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 13:00:11 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2616**	**41.24**	**2.076**	**2.090**	**2.037**	**2.078**	**2.122**	**41.61**	**2.116**
Stddev	.0006	.05	.003	.002	.002	.003	.006	.02	.003
%RSD	.2389	.1244	.1384	.0752	.1195	.1577	.2853	.0466	.1384
#1	.2621	41.30	2.073	2.090	2.037	2.082	2.115	41.60	2.113
#2	.2609	41.20	2.078	2.088	2.034	2.077	2.125	41.59	2.117
#3	.2617	41.23	2.078	2.091	2.039	2.076	2.126	41.63	2.118
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.021**	**2.122**	**2.122**	**2.099**	**42.64**	**43.23**	**2.019**	**41.88**	**2.109**
Stddev	.003	.000	.002	.005	.07	.11	.002	.07	.006
%RSD	.1557	.0149	.0708	.2557	.1577	.2445	.1185	.1709	.2839
#1	2.018	2.122	2.121	2.094	42.71	43.33	2.020	41.96	2.106
#2	2.023	2.122	2.121	2.100	42.61	43.12	2.017	41.82	2.105
#3	2.023	2.122	2.123	2.104	42.59	43.22	2.021	41.85	2.116
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.160**	**42.32**	**2.089**	**F 1.643**	**2.182**	**2.184**	**2.164**	**2.174**	**5.415**
Stddev	.002	.06	.001	.007	.002	.003	.001	.004	.004
%RSD	.0889	.1312	.0443	.4400	.0914	.1530	.0449	.1811	.0833
#1	2.158	42.38	2.088	1.651	2.184	2.181	2.163	2.170	5.411
#2	2.162	42.27	2.088	1.642	2.182	2.187	2.163	2.178	5.414
#3	2.160	42.31	2.090	1.637	2.180	2.186	2.165	2.175	5.420
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				2.000					
Range				-10.00%					

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 13:00:11 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.061**	**2.093**	**2.129**	**2.091**	**2.068**	**2.124**	**2.149**	**2.091**
Stddev	.002	.003	.000	.002	.001	.002	.000	.004
%RSD	.0991	.1331	.0155	.1070	.0577	.1146	.0155	.1693
#1	2.059	2.096	2.129	2.090	2.067	2.122	2.149	2.088
#2	2.060	2.092	2.129	2.090	2.069	2.126	2.149	2.090
#3	2.063	2.090	2.130	2.094	2.069	2.126	2.148	2.095
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9547.6**	**120230.**	**14124.**	**6027.2**
Stddev	18.2	772.	108.	10.2
%RSD	.19069	.64203	.76694	.16846
#1	9535.4	119510.	14071.	6021.8
#2	9568.5	121040.	14052.	6038.9
#3	9538.9	120130.	14248.	6020.8

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 13:04:41 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0076**	**-.0005**	**.0058**	**.0001**	**.0001**	**-.0004**	**-.0024**	**.0004**
Stddev	.0002	.0061	.0006	.0004	.0001	.0000	.0007	.0008	.0002
%RSD	47.21	80.21	119.8	6.748	96.84	11.34	173.3	32.68	54.41
#1	.0004	.0143	-.0002	.0061	.0000	.0001	-.0012	-.0024	.0002
#2	.0007	.0060	-.0011	.0059	.0001	.0001	-.0003	-.0031	.0005
#3	.0003	.0025	-.0001	.0054	.0002	.0001	.0002	-.0016	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0128**	**.0004**	**.0002**	**.0010**	**.0056**	**-.0423**	**-.0037**	**.0046**	**.0002**
Stddev	.0037	.0003	.0002	.0005	.0038	.0567	.0007	.0123	.0000
%RSD	28.88	69.46	68.71	47.36	67.52	134.0	19.70	264.8	13.88
#1	.0155	.0006	.0003	.0014	.0013	.0215	-.0042	.0068	.0001
#2	.0086	.0002	.0000	.0010	.0085	-.0869	-.0039	-.0086	.0001
#3	.0142	.0003	.0003	.0005	.0071	-.0614	-.0028	.0156	.0002
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**.0891**	**.0003**	**.0084**	**.0002**	**-.0029**	**-.0014**	**.0015**	**.0039**
Stddev	.0003	.0040	.0001	.0014	.0009	.0034	.0015	.0010	.0015
%RSD	16.36	4.537	39.53	17.01	550.9	115.6	109.4	67.31	38.38
#1	.0022	.0931	.0002	.0095	.0007	-.0053	-.0009	.0019	.0032
#2	.0020	.0851	.0004	.0090	-.0008	.0009	-.0031	.0023	.0056
#3	.0016	.0891	.0004	.0068	.0006	-.0044	-.0002	.0004	.0029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 13:04:41 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**-.0002**	**-.0003**	**-.0005**	**-.0000**	**.0008**	**.0001**	**.0005**
Stddev	.0011	.0002	.0004	.0009	.0003	.0010	.0001	.0002
%RSD	260.1	85.97	138.5	172.0	2994.	117.7	164.2	38.77
#1	-.0017	-.0004	.0002	-.0009	-.0003	.0018	.0000	.0006
#2	.0002	-.0000	-.0005	-.0012	-.0000	.0008	.0002	.0003
#3	.0003	-.0002	-.0005	.0005	.0003	-.0001	-.0000	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9958.8**	**123350.**	**14196.**	**6210.3**
Stddev	14.9	485.	80.	4.5
%RSD	.14965	.39329	.56615	.07204
#1	9975.2	122810.	14112.	6214.8
#2	9955.2	123740.	14273.	6210.4
#3	9946.0	123520.	14204.	6205.8

Zoom In Zoom Out

Sample Name: JE4610-4 Acquired: 1/27/2025 13:09:28 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**-.0088**	**.0044**	**.2151**	**.5121**	**.0000**	**.0021**	**75.22**	**-.0004**
Stddev	.0002	.0103	.0027	.0005	.0010	.0001	.0012	.16	.0007
%RSD	10.12	117.7	60.86	.2285	.1978	447.1	57.25	.2075	153.8
#1	.0018	-.0186	.0075	.2146	.5116	.0001	.0019	75.13	-.0008
#2	.0015	-.0096	.0024	.2156	.5133	.0001	.0034	75.40	-.0008
#3	.0015	.0019	.0033	.2150	.5115	-.0001	.0010	75.13	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0189**	**.0002**	**.0005**	**.0008**	**.2634**	**5.243**	**-.0017**	**22.93**	**.0897**
Stddev	.0043	.0001	.0002	.0008	.0094	.055	.0003	.07	.0088
%RSD	22.90	66.70	48.20	109.6	3.580	1.046	16.66	.3072	9.826
#1	.0193	.0002	.0005	.0015	.2576	5.281	-.0019	22.96	.0948
#2	.0229	.0002	.0003	.0010	.2584	5.269	-.0014	22.98	.0947
#3	.0143	.0000	.0007	-.0002	.2743	5.180	-.0019	22.85	.0795

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**143.4**	**-.0008**	**.0262**	**.0002**	**2.602**	**-.0035**	**.0005**	**12.47**
Stddev	.0003	.5	.0006	.0111	.0010	.012	.0011	.0016	.03
%RSD	14.66	.3282	70.74	42.30	468.4	.4527	30.64	315.2	.2016
#1	.0018	143.0	-.0003	.0337	-.0004	2.589	-.0029	.0024	12.44
#2	.0023	143.9	-.0008	.0314	-.0003	2.605	-.0028	-.0005	12.49
#3	.0017	143.3	-.0015	.0135	.0013	2.612	-.0047	-.0003	12.47

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0034**	**1.216**	**-.0020**	**.0007**	**.0003**	**-.0022**	**.0002**	**-.0025**
Stddev	.0015	.003	.0005	.0009	.0006	.0006	.0005	.0020
%RSD	44.01	.2384	23.13	129.0	197.0	29.37	275.6	80.11
#1	-.0026	1.213	-.0017	.0010	.0002	-.0017	-.0001	-.0038
#2	-.0025	1.218	-.0026	-.0003	.0009	-.0019	-.0001	-.0036
#3	-.0051	1.218	-.0018	.0013	-.0002	-.0029	.0008	-.0002

Zoom In Zoom Out

Sample Name: JE4610-4 Acquired: 1/27/2025 13:09:28 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8766.0**	*****	**12934.**	**5449.1**
Stddev	50.0	-----	164.	41.4
%RSD	.57068	-----	1.2713	.76018
#1	8811.9	109810.	12933.	5486.6
#2	8773.4	110120.	12771.	5456.0
#3	8712.7	-----	13100.	5404.6

Zoom In Zoom Out

Sample Name: MP52394-S1 7 Acquired: 1/27/2025 13:14:12 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2556**	**63.84**	**2.119**	**1.761**	**5.038**	**1.883**	F **-.0205**	**132.4**
Stddev	.0002	.08	.007	.002	.004	.004	.0010	2.1
%RSD	.0977	.1322	.3529	.1046	.0894	.2361	4.876	1.607
#1	.2554	63.93	2.124	1.759	5.043	1.888	-.0215	133.7
#2	.2559	63.77	2.123	1.760	5.036	1.883	-.0203	129.9
#3	.2555	63.81	2.111	1.763	5.035	1.879	-.0196	133.5

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.929**	**.1082**	**1.964**	**2.597**	**3.099**	**123.3**	**29.35**	**.0282**
Stddev	.003	.0017	.002	.005	.002	.2	.01	.0018
%RSD	.1625	1.600	.0911	.1901	.0720	.1669	.0417	6.533
#1	1.929	.1095	1.964	2.602	3.101	123.5	29.35	.0277
#2	1.926	.1063	1.963	2.592	3.098	123.2	29.34	.0303
#3	1.933	.1089	1.966	2.596	3.097	123.1	29.36	.0267

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**68.04**	**2.707**	**1.938**	**27.39**	**2.087**	**3.630**	**6.903**	**76.83**
Stddev	.15	.015	.003	.02	.001	.006	.012	.07
%RSD	.2241	.5517	.1392	.0592	.0422	.1743	.1726	.0921
#1	68.00	2.716	1.937	27.41	2.088	3.630	6.892	76.79
#2	67.91	2.715	1.936	27.38	2.087	3.636	6.902	76.78
#3	68.21	2.690	1.941	27.38	2.087	3.623	6.915	76.91

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.582**	**1.930**	**2.685**	**1.876**	**2.075**	**3.650**	W **1.659**	**2.063**
Stddev	.003	.003	.003	.005	.004	.007	.003	.003
%RSD	.1946	.1617	.0918	.2859	.1824	.1893	.1774	.1592
#1	1.579	1.930	2.686	1.880	2.079	3.654	1.659	2.067
#2	1.582	1.927	2.683	1.877	2.074	3.642	1.657	2.061
#3	1.585	1.933	2.687	1.870	2.071	3.653	1.662	2.062

Zoom In Zoom Out

Sample Name: MP52394-S1 7 Acquired: 1/27/2025 13:14:12 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.646**	F **10.14**	**1.867**
Stddev	.001	.01	.002
%RSD	.0390	.0864	.1100
#1	1.646	10.15	1.870
#2	1.646	10.14	1.867
#3	1.647	10.13	1.866

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9756.2**	**124400.**	**14776.**	**6221.5**
Stddev	15.3	634.	94.	4.7
%RSD	.15730	.50956	.63563	.07562
#1	9746.8	123720.	14816.	6216.7
#2	9748.0	124970.	14844.	6221.8
#3	9774.0	124520.	14669.	6226.1

Zoom In Zoom Out

Sample Name: MP52394-S2 Acquired: 1/27/2025 13:19:01 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2428**	**57.43**	**1.957**	**1.705**	**4.707**	**1.795**	**-.0188**	**108.9**
Stddev	.0003	.15	.004	.002	.016	.002	.0007	.4
%RSD	.1207	.2621	.1963	.1187	.3440	.1329	3.579	.3777
#1	.2427	57.42	1.961	1.703	4.702	1.794	-.0181	108.8
#2	.2425	57.58	1.955	1.705	4.725	1.798	-.0195	109.3
#3	.2431	57.28	1.954	1.707	4.694	1.793	-.0187	108.5

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.833**	**.0939**	**1.880**	**2.344**	**2.803**	**110.2**	**27.62**	**.0260**
Stddev	.002	.0018	.002	.001	.003	.2	.02	.0006
%RSD	.1291	1.956	.0971	.0235	.1095	.1526	.0726	2.338
#1	1.832	.0918	1.878	2.344	2.806	110.2	27.65	.0256
#2	1.831	.0946	1.879	2.344	2.804	110.4	27.61	.0257
#3	1.836	.0953	1.882	2.343	2.800	110.1	27.61	.0267

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**59.55**	**2.543**	**1.846**	**25.74**	**1.984**	**3.316**	**6.512**	**67.77**
Stddev	.21	.030	.002	.05	.002	.015	.006	.06
%RSD	.3489	1.162	.1166	.1788	.1068	.4383	.0926	.0825
#1	59.50	2.533	1.846	25.72	1.982	3.332	6.506	67.78
#2	59.78	2.519	1.844	25.79	1.985	3.304	6.514	67.71
#3	59.38	2.576	1.848	25.71	1.986	3.311	6.518	67.82

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.561**	**1.822**	**2.706**	**1.763**	**1.963**	**3.396**	W **1.587**	**1.952**
Stddev	.003	.005	.002	.003	.003	.004	.002	.002
%RSD	.1750	.2578	.0658	.1509	.1710	.1162	.1361	.0978
#1	1.562	1.824	2.704	1.765	1.960	3.395	1.586	1.952
#2	1.558	1.816	2.708	1.760	1.966	3.393	1.585	1.954
#3	1.564	1.825	2.706	1.763	1.962	3.401	1.589	1.950

Zoom In Zoom Out

Sample Name: MP52394-S2 Acquired: 1/27/2025 13:19:01 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.589**	F **9.149**	**1.769**
Stddev	.002	.013	.004
%RSD	.1124	.1464	.2123
#1	1.590	9.160	1.771
#2	1.586	9.134	1.772
#3	1.590	9.153	1.765

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10050.**	**128150.**	**15135.**	**6419.4**
Stddev	26.	435.	60.	20.9
%RSD	.25935	.33949	.39445	.32562
#1	10019.	128630.	15080.	6396.0
#2	10065.	127780.	15126.	6436.3
#3	10064.	128040.	15199.	6425.9

Zoom In Zoom Out

Sample Name: JE4646-1 Acquired: 1/27/2025 13:23:41 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0069**	**31.56**	**.2550**	**.0424**	**3.631**	**.0017**	**-.0050**	**157.6**	**.0164**
Stddev	.0006	.07	.0015	.0000	.003	.0000	.0037	2.7	.0002
%RSD	8.315	.2070	.6006	.0873	.0729	2.491	74.86	1.734	.9873
#1	.0072	31.54	.2554	.0423	3.629	.0017	-.0041	154.5	.0165
#2	.0063	31.64	.2563	.0424	3.634	.0017	-.0091	159.1	.0164
#3	.0073	31.51	.2533	.0424	3.629	.0017	-.0018	159.3	.0162

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1066**	**.0415**	**.6023**	**1.152**	**97.79**	**3.236**	**.0256**	**47.95**	**.8176**
Stddev	.0016	.0002	.0007	.001	.18	.042	.0015	.04	.0010
%RSD	1.518	.5328	.1173	.0645	.1861	1.284	5.918	.0915	.1184
#1	.1052	.0412	.6025	1.153	97.78	3.190	.0257	48.00	.8168
#2	.1084	.0417	.6015	1.153	97.98	3.272	.0271	47.94	.8174
#3	.1062	.0415	.6029	1.152	97.61	3.244	.0241	47.92	.8187

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0400**	**1.991**	**.2000**	**2.497**	**4.903**	**79.42**	**.0075**	**.0060**	**.6983**
Stddev	.0001	.014	.0003	.006	.002	.06	.0015	.0035	.0039
%RSD	.3620	.7110	.1535	.2433	.0390	.0719	19.44	58.90	.5638
#1	.0401	2.003	.2004	2.497	4.904	79.42	.0072	.0046	.7012
#2	.0399	1.994	.1999	2.503	4.903	79.48	.0062	.0034	.7000
#3	.0399	1.976	.1998	2.491	4.901	79.37	.0091	.0100	.6938

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0935**	**.3606**	**1.636**	**-.0025**	**.1928**	**.0125**	F **8.376**	**.0369**
Stddev	.0007	.0010	.002	.0019	.0001	.0009	.007	.0006
%RSD	.6988	.2676	.1494	75.73	.0447	7.100	.0861	1.605
#1	.0929	.3600	1.637	-.0041	.1927	.0133	8.376	.0375
#2	.0942	.3617	1.633	-.0031	.1927	.0125	8.383	.0369
#3	.0933	.3601	1.637	-.0004	.1928	.0116	8.369	.0363

Zoom In Zoom Out

Sample Name: JE4646-1 Acquired: 1/27/2025 13:23:41 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9240.3**	**116950.**	**13891.**	**5860.5**
Stddev	5.6	538.	67.	6.0
%RSD	.06106	.45979	.48591	.10283
#1	9243.1	116900.	13966.	5866.0
#2	9243.9	117510.	13869.	5861.5
#3	9233.8	116430.	13836.	5854.0

Zoom In Zoom Out

Sample Name: MP52394-SD1 Acquired: 1/27/2025 13:28:27 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0067**	**29.06**	**.2196**	**.0947**	**3.273**	**.0017**	**.0097**	**144.9**	**.0160**
Stddev	.0024	.06	.0161	.0015	.008	.0002	.0045	.5	.0008
%RSD	36.06	.1974	7.333	1.540	.2394	9.510	46.29	.3337	5.269
#1	.0047	29.11	.2378	.0950	3.282	.0017	.0056	145.3	.0164
#2	.0059	29.07	.2138	.0960	3.272	.0019	.0145	145.0	.0165
#3	.0094	28.99	.2072	.0931	3.266	.0015	.0090	144.3	.0150

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1506**	**.0388**	**.5562**	**.9931**	**88.66**	**2.661**	**.0054**	**44.62**	**.7509**
Stddev	.0176	.0010	.0014	.0004	.03	.299	.0035	.19	.0013
%RSD	11.68	2.519	.2580	.0366	.0369	11.25	64.35	.4196	.1796
#1	.1310	.0385	.5560	.9935	88.63	2.779	.0041	44.80	.7500
#2	.1559	.0398	.5577	.9930	88.70	2.320	.0094	44.62	.7524
#3	.1650	.0379	.5549	.9928	88.65	2.883	.0028	44.43	.7502

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0379**	**1.894**	**.1864**	**2.294**	**4.497**	**72.25**	**.0067**	**.0131**	**.8028**
Stddev	.0006	.075	.0014	.018	.012	.04	.0049	.0081	.0052
%RSD	1.519	3.962	.7706	.7886	.2620	.0542	72.17	61.50	.6432
#1	.0380	1.819	.1847	2.314	4.505	72.26	.0108	.0086	.8087
#2	.0372	1.894	.1869	2.282	4.502	72.27	.0013	.0083	.7991
#3	.0383	1.969	.1875	2.284	4.484	72.20	.0081	.0225	.8006

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0831**	**.3225**	**1.457**	**-.0056**	**.1748**	**.0041**	**7.869**	**.0328**
Stddev	.0096	.0013	.001	.0083	.0013	.0035	.006	.0017
%RSD	11.56	.3976	.0992	149.3	.7309	86.59	.0832	5.069
#1	.0735	.3239	1.458	-.0149	.1757	.0001	7.862	.0345
#2	.0831	.3213	1.458	-.0032	.1752	.0069	7.875	.0312
#3	.0927	.3224	1.455	.0013	.1733	.0053	7.870	.0325

Zoom In Zoom Out

Sample Name: MP52394-SD1 Acquired: 1/27/2025 13:28:27 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9932.1**	**124300.**	**14530.**	**6279.7**
Stddev	8.4	419.	147.	8.3
%RSD	.08430	.33673	1.0150	.13164
#1	9937.5	124290.	14473.	6283.3
#2	9936.4	123890.	14420.	6285.4
#3	9922.5	124730.	14698.	6270.2

Zoom In Zoom Out

Sample Name: MP52394-PS1 Acquired: 1/27/2025 13:33:08 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2790**	**55.72**	**2.305**	**2.143**	**5.413**	**2.093**	F **-.0200**	**173.0**
Stddev	.0020	.08	.076	.070	.014	.004	.0035	1.0
%RSD	.7297	.1378	3.299	3.271	.2543	.2083	17.54	.5510
#1	.2789	55.63	2.300	2.135	5.401	2.089	-.0161	171.9
#2	.2771	55.78	2.233	2.077	5.428	2.098	-.0208	173.6
#3	.2812	55.75	2.384	2.216	5.410	2.093	-.0229	173.4

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.157**	**.1004**	**2.175**	**2.689**	**3.153**	**118.0**	**30.63**	**.0173**
Stddev	.070	.0033	.063	.023	.016	.2	.10	.0012
%RSD	3.267	3.274	2.908	.8707	.5179	.1799	.3324	6.753
#1	2.151	.0972	2.170	2.682	3.155	117.8	30.54	.0173
#2	2.090	.1037	2.115	2.669	3.136	118.3	30.62	.0161
#3	2.231	.1001	2.241	2.715	3.168	118.1	30.74	.0184

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**70.24**	**2.852**	**2.163**	**28.68**	**2.284**	**3.987**	**6.799**	**75.73**
Stddev	.02	.044	.072	.04	.065	.133	.197	2.48
%RSD	.0329	1.543	3.349	.1567	2.837	3.345	2.894	3.274
#1	70.22	2.859	2.152	28.63	2.280	3.968	6.781	75.48
#2	70.24	2.804	2.098	28.68	2.222	3.864	6.612	73.39
#3	70.27	2.891	2.241	28.72	2.351	4.129	7.005	78.33

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.208**	**2.240**	**.6147**	**2.115**	**2.417**	**3.671**	W **1.850**	**2.250**
Stddev	.074	.072	.0291	.066	.006	.033	.051	.018
%RSD	3.355	3.201	4.726	3.120	.2659	.8991	2.738	.7803
#1	2.202	2.233	.6082	2.115	2.411	3.664	1.843	2.246
#2	2.137	2.172	.5894	2.049	2.423	3.643	1.803	2.235
#3	2.285	2.315	.6464	2.181	2.418	3.708	1.903	2.269

Zoom In Zoom Out

Sample Name: MP52394-PS1 Acquired: 1/27/2025 13:33:08 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.906**	F **9.874**	**2.136**
Stddev	.076	.321	.006
%RSD	4.002	3.253	.2646
#1	1.879	9.847	2.139
#2	1.847	9.567	2.129
#3	1.992	10.21	2.139

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9364.9**	**119980.**	**14259.**	**5926.0**
Stddev	204.2	884.	169.	156.3
%RSD	2.1803	.73639	1.1853	2.6382
#1	9396.8	120570.	14141.	5953.9
#2	9551.2	120410.	14453.	6066.6
#3	9146.6	118970.	14184.	5757.6

Zoom In Zoom Out

Sample Name: JE4646-2 Acquired: 1/27/2025 13:37:57 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0081**	**31.95**	**.3216**	**.0404**	F **8.183**	**.0019**	**-.0030**	**90.54**	**.0193**
Stddev	.0005	.07	.0005	.0005	.198	.0000	.0009	.22	.0002
%RSD	5.638	.2269	.1529	1.306	2.414	2.358	28.45	.2455	1.046
#1	.0086	31.91	.3222	.0398	8.103	.0019	-.0027	90.31	.0191
#2	.0077	32.04	.3214	.0405	8.408	.0018	-.0024	90.76	.0195
#3	.0080	31.92	.3213	.0408	8.039	.0019	-.0040	90.54	.0194

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1039**	**.0438**	**.6958**	**1.408**	**105.1**	**3.443**	**.0295**	**39.63**	**.7787**
Stddev	.0026	.0004	.0019	.004	.2	.028	.0003	.13	.0021
%RSD	2.464	.8247	.2683	.2769	.2306	.7994	.9553	.3245	.2740
#1	.1066	.0440	.6954	1.404	105.1	3.428	.0295	39.53	.7767
#2	.1037	.0434	.6942	1.407	105.4	3.475	.0292	39.77	.7783
#3	.1015	.0441	.6979	1.412	104.9	3.427	.0297	39.58	.7809

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0466**	**1.883**	**.2132**	**2.661**	**6.869**	**93.81**	**.0085**	**.0092**	**.6039**
Stddev	.0006	.009	.0008	.004	.012	.07	.0012	.0012	.0024
%RSD	1.210	.4492	.3812	.1411	.1709	.0715	13.92	12.90	.3981
#1	.0468	1.876	.2134	2.658	6.869	93.82	.0084	.0082	.6067
#2	.0469	1.881	.2124	2.659	6.858	93.86	.0097	.0106	.6026
#3	.0459	1.893	.2140	2.665	6.881	93.73	.0074	.0089	.6024

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1268**	**.2486**	**1.665**	**-.0032**	**.1866**	**.0461**	F **11.23**	**.0337**
Stddev	.0010	.0004	.003	.0034	.0002	.0045	.02	.0005
%RSD	.7527	.1723	.1586	105.6	.1034	9.810	.1526	1.352
#1	.1274	.2485	1.665	-.0067	.1867	.0513	11.22	.0335
#2	.1273	.2491	1.662	.0000	.1864	.0430	11.25	.0342
#3	.1257	.2482	1.667	-.0029	.1867	.0441	11.21	.0333

Zoom In Zoom Out

Sample Name: JE4646-2 Acquired: 1/27/2025 13:37:57 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9176.5**	**115310.**	**13656.**	**5738.5**
Stddev	28.8	911.	159.	24.7
%RSD	.31338	.79003	1.1676	.43127
#1	9187.8	114990.	13722.	5746.5
#2	9143.8	116340.	13474.	5710.8
#3	9197.8	114600.	13772.	5758.3

Zoom In Zoom Out

Sample Name: JE4646-3 Acquired: 1/27/2025 13:42:41 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**48.87**	**.0294**	**.0256**	**.4563**	**.0033**	**-.0098**	**86.64**	**.0006**
Stddev	.0004	.08	.0014	.0009	.0013	.0001	.0022	.23	.0003
%RSD	137.6	.1563	4.736	3.456	.2807	1.681	22.97	.2610	51.14
#1	.0001	48.86	.0288	.0265	.4567	.0033	-.0074	86.57	.0003
#2	.0000	48.79	.0310	.0248	.4549	.0033	-.0101	86.46	.0009
#3	.0008	48.95	.0285	.0253	.4573	.0032	-.0118	86.90	.0006

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1935**	**.0422**	**.1131**	**.1915**	**148.8**	**4.733**	**.0432**	**16.34**	**2.639**
Stddev	.0019	.0004	.0005	.0005	.2	.129	.0017	.02	.029
%RSD	.9976	1.005	.4120	.2541	.1133	2.716	3.825	.1128	1.108
#1	.1934	.0425	.1128	.1910	148.9	4.881	.0414	16.33	2.619
#2	.1955	.0424	.1127	.1920	148.6	4.662	.0447	16.34	2.625
#3	.1916	.0417	.1136	.1915	148.8	4.655	.0434	16.36	2.672

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0080**	**.7185**	**.0958**	**1.820**	**1.137**	**13.08**	**-.0014**	**-.0022**	**.7382**
Stddev	.0000	.0213	.0000	.006	.001	.02	.0015	.0009	.0035
%RSD	.5269	2.963	.0472	.3327	.1168	.1226	109.7	40.07	.4706
#1	.0080	.7339	.0958	1.826	1.137	13.06	-.0028	-.0012	.7422
#2	.0080	.7274	.0958	1.819	1.136	13.09	.0002	-.0028	.7363
#3	.0080	.6942	.0957	1.814	1.139	13.09	-.0015	-.0027	.7361

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0745**	**.3003**	**1.860**	**-.0021**	**.1947**	**.0163**	**.4516**	**.0224**
Stddev	.0016	.0006	.001	.0005	.0003	.0009	.0007	.0002
%RSD	2.202	.1911	.0258	25.62	.1710	5.759	.1577	1.047
#1	.0756	.3010	1.859	-.0027	.1948	.0170	.4509	.0224
#2	.0754	.2999	1.860	-.0016	.1943	.0165	.4516	.0221
#3	.0727	.3001	1.860	-.0020	.1949	.0152	.4523	.0226

Zoom In Zoom Out

Sample Name: JE4646-3 Acquired: 1/27/2025 13:42:41 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9374.1**	**118110.**	**13982.**	**5939.8**
Stddev	13.7	61.	79.	11.9
%RSD	.14646	.05129	.56582	.20023
#1	9358.6	118060.	13967.	5927.7
#2	9378.8	118180.	13910.	5940.1
#3	9384.8	118090.	14067.	5951.5

Zoom In Zoom Out

Sample Name: JE4646-5 Acquired: 1/27/2025 13:47:29 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0063**	**21.66**	**.3645**	**.0361**	**1.979**	**.0018**	**-.0039**	**151.0**	**.0087**
Stddev	.0005	.08	.0043	.0007	.008	.0000	.0011	1.8	.0001
%RSD	7.971	.3830	1.178	1.836	.3993	1.953	29.45	1.210	1.004
#1	.0066	21.65	.3694	.0368	1.976	.0018	-.0049	153.1	.0087
#2	.0065	21.58	.3616	.0355	1.974	.0018	-.0041	150.1	.0087
#3	.0057	21.74	.3624	.0359	1.988	.0018	-.0027	149.8	.0086

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0891**	**.0350**	**.7026**	**2.034**	**90.17**	**3.146**	**.0133**	**67.16**	**.5350**
Stddev	.0021	.0006	.0013	.006	.20	.099	.0011	.36	.0010
%RSD	2.315	1.615	.1913	.2786	.2236	3.136	8.034	.5346	.1836
#1	.0883	.0356	.7011	2.040	89.95	3.146	.0134	67.13	.5359
#2	.0876	.0351	.7031	2.034	90.21	3.244	.0122	66.82	.5351
#3	.0915	.0344	.7036	2.029	90.34	3.047	.0143	67.53	.5339

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0493**	**2.375**	**.1274**	**2.703**	**2.662**	**69.05**	**.0121**	**.0034**	**.6919**
Stddev	.0005	.012	.0013	.008	.012	.39	.0015	.0020	.0114
%RSD	.9923	.5124	.9875	.2951	.4522	.5705	12.42	58.36	1.649
#1	.0498	2.362	.1289	2.707	2.676	69.49	.0112	.0019	.7010
#2	.0489	2.385	.1268	2.708	2.654	68.90	.0139	.0027	.6956
#3	.0493	2.378	.1267	2.694	2.657	68.75	.0113	.0057	.6791

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0822**	**.1843**	**1.507**	**-.0024**	**.1574**	**.0181**	**5.814**	**.0370**
Stddev	.0013	.0005	.002	.0024	.0004	.0016	.027	.0005
%RSD	1.552	.2579	.1486	102.8	.2586	8.953	.4714	1.331
#1	.0810	.1837	1.504	-.0050	.1571	.0162	5.842	.0376
#2	.0822	.1844	1.508	-.0002	.1579	.0192	5.812	.0367
#3	.0835	.1847	1.508	-.0019	.1574	.0188	5.787	.0368

Zoom In Zoom Out

Sample Name: JE4646-5 Acquired: 1/27/2025 13:47:29 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8957.3**	**111670.**	**13302.**	**5624.9**
Stddev	17.8	388.	61.	19.7
%RSD	.19907	.34768	.45907	.34980
#1	8947.7	112100.	13260.	5614.7
#2	8946.3	111350.	13372.	5612.5
#3	8977.9	111560.	13275.	5647.6

Zoom In Zoom Out

Sample Name: JE4655-1 Acquired: 1/27/2025 13:52:15 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**268.2**	**.0179**	**.0148**	**1.366**	**.0185**	F **-.2100**	**24.37**
Stddev	.0003	.6	.0014	.0012	.003	.0001	.0017	.08
%RSD	19.71	.2383	7.981	8.159	.2349	.4835	.8288	.3240
#1	-.0018	268.8	.0169	.0157	1.369	.0184	-.2091	24.44
#2	-.0012	268.3	.0173	.0134	1.367	.0185	-.2120	24.40
#3	-.0015	267.5	.0195	.0153	1.363	.0186	-.2088	24.29

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**.2620**	**.1957**	**.5093**	**.3508**	F **328.4**	**82.78**	**.4120**
Stddev	.0000	.0063	.0007	.0002	.0016	3.0	.15	.0004
%RSD	1.831	2.402	.3705	.0487	.4459	.9058	.1857	.1052
#1	.0014	.2678	.1960	.5095	.3523	327.7	82.86	.4125
#2	.0014	.2553	.1962	.5090	.3511	331.7	82.89	.4116
#3	.0014	.2629	.1949	.5093	.3492	325.9	82.61	.4118

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**111.3**	**6.765**	**.0152**	**9.900**	**.4081**	**2.529**	**.2026**	**.4699**
Stddev	.4	.140	.0006	.021	.0013	.007	.0014	.0011
%RSD	.3151	2.069	3.683	.2125	.3075	.2596	.6805	.2240
#1	111.5	6.789	.0153	9.918	.4093	2.537	.2012	.4699
#2	111.5	6.615	.0157	9.905	.4082	2.527	.2040	.4709
#3	110.9	6.892	.0146	9.877	.4068	2.524	.2025	.4688

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0051**	**-.0098**	**.3967**	F **-.0229**	**.1049**	F **16.80**	**.0032**	**.4510**
Stddev	.0022	.0010	.0030	.0019	.0001	.26	.0010	.0004
%RSD	44.27	10.30	.7451	8.285	.0964	1.550	30.32	.0827
#1	.0026	-.0087	.3954	-.0241	.1049	16.71	.0021	.4510
#2	.0055	-.0105	.4001	-.0238	.1050	16.59	.0040	.4514
#3	.0071	-.0103	.3947	-.0207	.1048	17.09	.0034	.4507

Zoom In Zoom Out

Sample Name: JE4655-1 Acquired: 1/27/2025 13:52:15 Type: Unk
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0092**	**.9937**	**.0235**
Stddev	.0011	.0027	.0002
%RSD	12.15	.2767	.8897
#1	.0092	.9957	.0237
#2	.0103	.9947	.0233
#3	.0081	.9905	.0235

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10062.**	**132240.**	**15795.**	**6630.9**
Stddev	14.	348.	139.	8.5
%RSD	.14186	.26283	.87686	.12763
#1	10046.	132580.	15644.	6623.9
#2	10066.	132270.	15824.	6628.5
#3	10074.	131880.	15917.	6640.3

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 13:57:25 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2617**	**40.69**	**2.051**	**2.077**	**2.003**	**2.068**	**2.101**	**40.90**	**2.092**
Stddev	.0006	.06	.005	.002	.005	.003	.003	.15	.003
%RSD	.2205	.1500	.2494	.0753	.2742	.1563	.1386	.3691	.1316
#1	.2616	40.74	2.057	2.077	2.006	2.069	2.104	41.04	2.094
#2	.2623	40.71	2.047	2.076	2.005	2.071	2.100	40.93	2.092
#3	.2611	40.62	2.050	2.079	1.996	2.064	2.099	40.74	2.089
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.989**	**2.109**	**2.131**	**2.075**	**42.59**	**43.12**	**1.965**	**41.16**	**2.065**
Stddev	.002	.001	.005	.003	.06	.12	.004	.19	.021
%RSD	.1015	.0439	.2497	.1181	.1419	.2791	.2165	.4618	1.006
#1	1.989	2.109	2.137	2.073	42.63	43.13	1.969	41.33	2.089
#2	1.987	2.108	2.130	2.078	42.62	43.24	1.966	41.19	2.056
#3	1.991	2.109	2.127	2.073	42.52	43.00	1.960	40.96	2.051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.139**	**41.78**	**2.070**	F **1.612**	**2.162**	**2.169**	**2.148**	**2.157**	**5.385**
Stddev	.003	.05	.002	.003	.004	.005	.003	.002	.007
%RSD	.1603	.1243	.0913	.1721	.1733	.2255	.1491	.1034	.1398
#1	2.143	41.79	2.070	1.615	2.166	2.165	2.150	2.156	5.394
#2	2.137	41.83	2.069	1.610	2.159	2.167	2.149	2.156	5.379
#3	2.136	41.73	2.072	1.611	2.162	2.174	2.144	2.160	5.383
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				2.000					
Range				-10.00%					

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/27/2025 13:57:25 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.034**	**2.083**	**2.139**	**2.066**	**2.069**	**2.113**	**2.133**	**2.059**
Stddev	.008	.001	.002	.006	.005	.003	.005	.003
%RSD	.4017	.0664	.0762	.2950	.2387	.1517	.2252	.1402
#1	2.043	2.084	2.140	2.060	2.074	2.116	2.138	2.061
#2	2.034	2.083	2.137	2.067	2.067	2.109	2.133	2.060
#3	2.026	2.081	2.138	2.072	2.065	2.113	2.128	2.055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9644.8**	**120760.**	**14178.**	**6086.4**
Stddev	21.0	1377.	43.	21.0
%RSD	.21811	1.1399	.30539	.34449
#1	9641.2	119170.	14139.	6077.2
#2	9625.9	121520.	14224.	6071.5
#3	9667.5	121580.	14169.	6110.3

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 14:02:02 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**-.0238**	**-.0017**	**.0071**	**.0005**	**.0002**	**-.0005**	**-.0046**	**.0001**
Stddev	.0003	.0123	.0012	.0009	.0003	.0001	.0017	.0050	.0003
%RSD	23.92	51.59	68.73	13.19	65.13	24.15	366.5	110.0	215.7
#1	.0015	-.0097	-.0028	.0081	.0002	.0002	-.0018	.0006	.0005
#2	.0010	-.0321	-.0019	.0069	.0005	.0002	.0015	-.0095	-.0001
#3	.0017	-.0296	-.0004	.0063	.0008	.0002	-.0011	-.0048	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0094**	**.0003**	**.0004**	**.0012**	**.0062**	**-.0134**	**-.0068**	**.0062**	**.0001**
Stddev	.0019	.0001	.0002	.0006	.0010	.0503	.0015	.0082	.0000
%RSD	20.15	19.21	66.76	49.00	15.72	375.2	21.41	132.2	60.37
#1	.0090	.0003	.0004	.0010	.0073	-.0702	-.0051	.0087	.0001
#2	.0114	.0004	.0001	.0007	.0055	.0251	-.0079	.0128	.0000
#3	.0077	.0002	.0005	.0018	.0057	.0049	-.0073	-.0029	.0001
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021**	**.0102**	**.0003**	**.0055**	**.0004**	**-.0065**	**-.0014**	**.0012**	**.0050**
Stddev	.0001	.0145	.0005	.0006	.0011	.0020	.0012	.0013	.0010
%RSD	5.671	142.1	193.9	10.36	279.2	30.54	84.08	101.4	19.20
#1	.0019	.0131	.0008	.0061	.0015	-.0082	-.0004	.0025	.0039
#2	.0021	-.0055	.0002	.0049	-.0006	-.0071	-.0028	.0012	.0058
#3	.0021	.0231	-.0002	.0055	.0002	-.0043	-.0011	-.0000	.0053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/27/2025 14:02:02 Type: QC
Method: SGS 3 NO Valve(v317) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**-.0003**	**-.0005**	**-.0005**	**.0004**	**.0050**	**-.0001**	**-.0003**
Stddev	.0007	.0002	.0007	.0012	.0003	.0008	.0001	.0003
%RSD	158.0	68.86	136.3	243.8	69.67	15.78	175.5	90.67
#1	-.0010	-.0001	.0001	.0004	.0008	.0056	-.0000	-.0002
#2	.0003	-.0003	-.0013	-.0001	.0002	.0053	-.0002	-.0006
#3	-.0006	-.0004	-.0004	-.0019	.0003	.0041	.0000	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10023.**	**123800.**	**14590.**	**6242.9**
Stddev	23.	933.	118.	16.3
%RSD	.22539	.75368	.80538	.26146
#1	10031.	124010.	14500.	6249.4
#2	9997.0	122780.	14547.	6224.3
#3	10040.	124610.	14722.	6255.0

NOTE: The remaining raw data for this batch is not relevant to this job. As such it has been omitted.

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
	Ag 328.068 {103}	☒	21	Mn	0.000102	0.000000	No
				Mo	0.000020	-0.000003	No
				Ti	0.000063	0.000000	No
				Fe	0.000001	0.000000	No
				Zn	-0.000120	0.000000	No
				Ca	-0.000001	0.000000	No
				Sr	0.000100	0.000000	No
				Mg	-0.000001	0.000000	No
				Ba	0.000071	0.000000	No
				Cr	0.000011	0.000000	No
				V	-0.001657	0.000000	No
				Al	0.000001	0.000000	No
				W	0.000015	0.000000	No
				Ce	-0.000660	0.000000	No
				Co	0.000000	0.000000	No
				B	0.000040	0.000000	No
				Zr	0.005230	0.000000	No
				S	-0.000002	0.000000	No
				Pb	0.000020	0.000000	No
				Sn	-0.000200	0.000000	No
				Ni	-0.000045	0.000000	No
	Al 396.152 { 85}	☒	8	Si	0.000652	0.000000	No
				Ca	0.000053	0.000000	No
				Mo	0.045290	0.000000	No
				Zr	0.013719	0.000000	No
				Ti	-0.000583	0.000000	No
				Ce	0.010010	0.000000	No
				Cr	0.004890	0.000000	No
				As	0.010000	0.000000	No
	As 189.042 {478}	☒	22	Al	-0.000002	0.000000	No
				Fe	-0.000023	0.000000	No
				Ca	0.000001	0.000000	No
				Mo	0.003200	0.000000	No
				Cr	0.000990	0.000000	No
				Ba	0.000086	0.000000	No
				Sn	0.000050	0.000000	No
				Cd	-0.000208	0.000000	No
				Si	0.000024	0.000000	No
				Zn	-0.000082	0.000000	No
				Sr	-0.000045	0.000000	No
				W	0.002099	0.000000	No
				Cu	0.000057	0.000000	No
				Co	-0.000080	0.000000	No
				Zr	0.000180	0.000000	No
				Mn	-0.000308	0.000000	No
				S	0.000018	0.000000	No
				Ti	0.000046	0.000000	No
				Mg	0.000000	0.000000	No
				Ce	-0.000360	0.000000	No
				Ni	0.000089	0.000000	No
				V	0.000034	0.000000	No
	B 208.959 {462}	☒	1	Mo	0.047700	0.000000	No
	Ba 455.403 { 74}	☒	2	Zr	0.000000	0.000000	No
				Ca	-0.000005	0.000000	No
	Be 313.042 {108}	☒	14	V	0.000513	0.000000	No
				Mo	-0.000047	0.000000	No
				Ti	-0.000226	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Mn	0.000000	0.000000	No
			Cu	-0.000386	0.000000	No
			Bi	0.000060	0.000000	No
			Fe	-0.000000	0.000000	No
			Al	0.000000	0.000000	No
			Mg	0.000000	0.000000	No
			Ca	0.000000	0.000000	No
			Sr	0.000000	0.000000	No
			S	0.000004	0.000000	No
			Ni	0.000000	0.000000	No
			Ce	0.000120	0.000000	No
Bi 223.061 {451}	☒	10	Ti	-0.002310	0.000000	No
			V	0.000436	0.000000	No
			Co	-0.000330	0.000000	No
			Ca	-0.000002	0.000000	No
			Mg	-0.000000	0.000000	No
			Fe	0.000038	0.000000	No
			Cr	0.001595	0.000000	No
			Cu	-0.001148	0.000000	No
			W	-0.000800	0.000000	No
			Ce	-0.003870	0.000000	No
Ca 317.933 {106}	☒	14	Fe	0.000012	0.000000	No
			W	0.000000	0.000000	No
			Tl	-0.000152	0.000000	No
			Be	0.001840	0.000000	No
			Ba	-0.001224	0.000000	No
			Cu	-0.000822	0.000000	No
			Cd	0.000010	0.000000	No
			Ni	0.000667	0.000000	No
			B	-0.000210	0.000000	No
			Se	0.000923	0.000000	No
			Co	-0.000408	0.000000	No
			Cr	0.000640	0.000000	No
			Al	-0.000000	0.000000	No
			As	0.010000	0.000000	No
Cd 228.802 {448}	☒	15	As	0.010220	0.000000	No
			Ni	-0.000018	0.000000	No
			Fe	-0.000004	0.000000	No
			V	0.000054	0.000000	No
			Ba	0.000064	0.000000	No
			Co	-0.000740	0.000000	No
			Sr	-0.000020	0.000000	No
			Mn	0.000018	0.000000	No
			Cu	-0.000026	0.000000	No
			Zn	-0.000018	0.000000	No
			W	-0.000172	0.000000	No
			Zr	0.000030	0.000000	No
			Mg	0.000000	0.000000	No
			Ca	0.000010	0.000000	No
			Al	0.000000	0.000000	No
Ce 404.076 { 83}	☒	4	Mn	-0.000361	0.000000	No
			Fe	0.000289	0.000000	No
			Ti	-0.001676	0.000000	No
			Zr	0.000310	0.000000	No
Co 228.616 {448}	☒	7	Fe	0.000005	0.000000	No
			Mo	0.000043	0.000000	No
			Ni	0.000091	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Ti	0.002264	0.000000	No
			Ba	0.000540	0.000000	No
			W	0.000327	0.000000	No
			Cd	-0.000510	0.000000	No
Cr 267.716 {126}	☒	9	Mn	0.000158	0.000000	No
			V	-0.000183	0.000000	No
			Mo	-0.000082	0.000000	No
			Fe	0.000004	0.000000	No
			Ti	0.000060	0.000000	No
			Ba	0.000045	0.000000	No
			Cu	0.000100	0.000000	No
			Sr	-0.000100	0.000000	No
			W	0.000000	0.000000	No
Cu 324.754 {104}2	☒	14	Cr	-0.000099	0.000000	No
			V	-0.000086	0.000000	No
			Mo	0.000072	0.000000	No
			Ti	-0.000249	0.000000	No
			Fe	-0.000107	0.000000	No
			Zn	-0.000041	0.000000	No
			Co	-0.001255	0.000000	No
			Si	0.000016	0.000000	No
			Mn	-0.000017	0.000000	No
			Se	0.000050	0.000000	No
			Sb	0.000069	0.000000	No
			W	-0.000000	0.000000	No
			Al	0.000001	0.000000	No
			Zr	0.000300	0.000000	No
Fe 259.940 {130}	☒	15	Si	0.002210	0.000000	No
			Tl	-0.000051	0.000000	No
			Cr	-0.000420	0.000000	No
			Mn	-0.000046	0.000000	No
			V	-0.010000	0.000000	No
			Cu	-0.000015	0.000000	No
			Zn	0.000046	0.000000	No
			Ti	0.000000	0.000000	No
			Ca	-0.000116	0.000000	No
			Ba	-0.000500	0.000000	No
			Mo	0.002980	0.000000	No
			Ni	0.000000	0.000000	No
			Al	-0.000078	0.000000	No
			As	0.000000	0.000000	No
			Li	0.038500	0.000000	No
In 230.606 {446}*	☐	None				
K 766.490 { 44}	☒	11	Fe	0.000550	0.000000	No
			Al	0.000077	0.000000	No
			Ca	-0.000121	0.000000	No
			Mn	-0.007074	0.000000	No
			Si	-0.003000	0.000000	No
			V	-0.002000	0.000000	No
			Sn	-0.004700	0.000000	No
			Ba	-0.010574	0.000000	No
			Mo	-0.000850	0.000000	No
			Cu	-0.011483	0.000000	No
			Ni	-0.010000	0.000000	No
Li 670.784 { 50}	☒	2	Ca	0.000019	0.000000	No
			Fe	-0.000008	0.000000	No
Mg 279.079 {121}	☒	3	Mo	-0.013702	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			W	-0.000030	0.000000	No
			Mn	-0.002445	0.000000	No
Mn 257.610 {131}	☒	8	Fe	0.000008	0.000000	No
			Si	0.000010	0.000000	No
			Ba	0.000004	0.000000	No
			Ni	0.000028	0.000000	No
			Al	0.000000	0.000000	No
			Ca	0.000010	0.000000	No
			Mg	0.000003	0.000000	No
			W	0.000260	0.000000	No
Mo 202.030 {467}	☒	2	Al	-0.000004	0.000000	No
			Fe	-0.000010	0.000000	No
Na 589.592 { 57}	☒	4	K	0.000040	0.000000	No
			Ba	0.000900	0.000000	No
			Ca	-0.000070	0.000000	No
			V	-0.005000	0.000000	No
Ni 231.604 {446}	☒	8	Fe	0.000033	0.000000	No
			Zn	-0.000013	0.000000	No
			Be	0.000213	0.000000	No
			Co	0.000141	0.000000	No
			Tl	0.000209	0.000000	No
			Mo	0.000026	0.000000	No
			Cu	0.000050	0.000000	No
			Se	0.000100	0.000000	No
P 177.495 {490}	☒	12	Mn	-0.000215	0.000000	No
			Al	0.000028	0.000000	No
			V	0.001097	0.000000	No
			Si	-0.001622	0.000000	No
			Ti	0.000000	0.000000	No
			Mo	0.000000	0.000000	No
			S	-0.000189	0.000000	No
			Co	0.000352	0.000000	No
			Cu	0.005305	0.000000	No
			Ca	0.000024	0.000000	No
			Cr	0.000099	0.000000	No
			Fe	0.000057	0.000000	No
Pb 220.353 {453}	☒	21	Al	-0.000078	0.000000	No
			Fe	0.000031	0.000000	No
			Ca	0.000004	0.000000	No
			Mn	0.000024	0.000000	No
			Mo	-0.000510	0.000000	No
			Cu	0.000350	0.000000	No
			Co	0.000029	0.000000	No
			Ti	-0.000103	0.000000	No
			Si	0.000083	0.000000	No
			Ba	-0.000022	0.000000	No
			Sb	-0.000084	0.000000	No
			Sr	-0.000033	0.000000	No
			W	-0.000312	0.000000	No
			Mg	0.000004	0.000000	No
			Cd	0.000012	0.000000	No
			Cr	-0.000040	0.000000	No
			Ni	0.000090	0.000000	No
			S	-0.000003	0.000000	No
			Zn	0.000064	0.000000	No
			Ce	0.000300	0.000000	No
			Zr	-0.000370	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
	S 182.034 {485}	☒	8	Mo	0.001470	0.000000	No
				Al	0.000008	0.000000	No
				Fe	-0.000011	0.000000	No
				Mn	0.005259	0.000000	No
				W	-0.000026	0.000000	No
				Ca	0.000036	0.000000	No
				Mg	0.000012	0.000000	No
				Ce	-0.002570	0.000000	No
	Sb 206.833 {463}	☒	20	Fe	0.000031	0.000000	No
				Al	-0.000002	0.000000	No
				Ca	0.000004	0.000000	No
				Ni	-0.000022	0.000000	No
				Cr	0.013600	0.000000	No
				V	-0.000860	0.000000	No
				Zn	0.001265	0.000000	No
				Mo	-0.017426	0.000000	No
				Ti	0.000060	0.000000	No
				Sn	-0.002665	0.000000	No
				Mg	-0.000001	0.000000	No
				Zr	-0.000120	0.000000	No
				Sr	0.000031	0.000000	No
				B	-0.000100	0.000000	No
				Co	-0.000092	0.000000	No
				W	0.001030	0.000000	No
				Si	-0.000070	0.000000	No
				Ce	-0.000870	0.000000	No
				Mn	-0.000139	0.000000	No
				S	0.000010	0.000000	No
	Se 196.090 {472}	☒	24	Al	0.000004	0.000000	No
				Ca	-0.000017	0.000000	No
				Mn	0.000714	0.000000	No
				Mo	0.000100	0.000000	No
				Fe	-0.000062	0.000000	No
				Co	-0.000173	0.000000	No
				Sr	-0.000011	0.000000	No
				Cu	0.000076	0.000000	No
				W	0.010390	0.000000	No
				Si	0.000054	0.000000	No
				Be	-0.000347	0.000000	No
				Zn	0.000050	0.000000	No
				B	0.000028	0.000000	No
				Ti	-0.000067	0.000000	No
				Cd	0.000090	0.000000	No
				Zr	-0.000297	0.000000	No
				Ba	-0.000046	0.000000	No
				Mg	0.000002	0.000000	No
				Pb	-0.000078	0.000000	No
				Ni	0.000043	0.000000	No
				Cr	-0.000024	0.000000	No
				S	-0.000004	0.000000	No
				V	-0.000063	0.000000	No
				Ce	-0.000130	0.000000	No
	Si 212.412 {459}	☒	14	Sr	0.000366	0.000000	No
				Ni	0.000021	0.000000	No
				Mo	0.035000	0.000000	No
				V	0.020608	0.000000	No
				Ti	0.011873	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Al	0.000000	0.000000	No
			Cd	0.001043	0.000000	No
			Ba	0.001987	0.000000	No
			Sn	0.007500	0.000000	No
			Zn	0.000385	0.000000	No
			Be	-0.000048	0.000000	No
			W	0.010427	0.000000	No
			Ca	0.000010	0.000000	No
			Fe	0.000032	0.000000	No
Sn 189.989 {478}	☒	5	Ti	-0.001703	0.000000	No
			Fe	0.000004	0.000000	No
			Si	0.000000	0.000000	No
			Zr	0.000394	0.000000	No
			W	0.000000	0.000000	No
Sr 407.771 { 83}	☒	2	Ca	0.000005	0.000000	No
			Si	0.000033	0.000000	No
Ti 334.904 {101}	☒	4	Cr	-0.000063	0.000000	No
			Mo	0.001630	0.000000	No
			Si	0.000035	0.000000	No
			Li	0.000000	0.000000	No
Tl 190.856 {477}	☒	27	Cr	0.000215	0.000000	No
			Mo	-0.006300	0.000000	No
			Al	-0.000003	0.000000	No
			Fe	-0.000025	0.000000	No
			V	0.001197	0.000000	No
			Mn	0.001200	0.000000	No
			Si	0.000012	0.000000	No
			Ca	-0.000003	0.000000	No
			Ti	-0.000440	0.000000	No
			Mg	0.000002	0.000000	No
			Co	0.004000	0.000000	No
			Sr	0.000210	0.000000	No
			B	-0.000003	0.000000	No
			Ba	0.000034	0.000000	No
			Zn	-0.000053	0.000000	No
			As	0.000280	0.000000	No
			W	-0.008800	0.000000	No
			Cu	0.000000	0.000000	No
			Pb	0.000147	0.000000	No
			S	0.000010	0.000000	No
			Sn	-0.000086	0.000000	No
			Li	0.000000	0.000000	No
			K	0.000000	0.000000	No
			Zr	-0.000040	0.000000	No
			Ce	-0.000040	0.000000	No
			P	0.000000	0.000000	No
			Ni	0.000047	0.000000	No
V 292.402 {115}	☒	7	Ti	0.000779	0.000000	No
			Mo	-0.000954	0.000000	No
			Fe	0.000024	0.000000	No
			Sr	-0.000100	0.000000	No
			Cr	-0.001171	0.000000	No
			Mn	-0.000100	0.000000	No
			Al	0.000000	0.000000	No
W 207.911 {462}	☒	20	Si	0.000105	0.000000	No
			As	0.000100	0.000000	No
			Mn	0.000066	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
				Mo	-0.000300	0.000000	No
				Ti	0.000080	0.000000	No
				Sr	-0.000850	0.000000	No
				V	-0.000140	0.000000	No
				Cd	-0.000650	0.000000	No
				Cr	-0.000390	0.000000	No
				Zn	0.012306	0.000000	No
				Sn	-0.000320	0.000000	No
				Zr	0.000061	0.000000	No
				B	0.000009	0.000000	No
				Sb	-0.000300	0.000000	No
				Co	-0.001000	0.000000	No
				Ni	0.000050	0.000000	No
				Be	-0.000185	0.000000	No
				Se	-0.000105	0.000000	No
				Cu	-0.000138	0.000000	No
				Tl	-0.000220	0.000000	No
	Y 360.073 { 94}*	☐	None				
	Y 371.030 { 91}*	☐	None				
	Y 224.306 {451}*	☐	None				
	Zn 206.200 {464}	☒	12	Cr	-0.000843	0.000000	No
				Fe	0.000002	0.000000	No
				Si	0.000015	0.000000	No
				Mn	-0.000045	0.000000	No
				Ba	-0.000060	0.000000	No
				Sn	-0.000023	0.000000	No
				Cu	0.000148	0.000000	No
				As	0.000055	0.000000	No
				Be	0.000058	0.000000	No
				Ca	0.000014	0.000000	No
				W	0.001027	0.000000	No
				V	0.000264	0.000000	No
	Zr 339.198 { 99}	☒	13	Mo	0.001036	0.000000	No
				Ti	0.000216	0.000000	No
				Fe	-0.000017	0.000000	No
				Si	0.000232	0.000000	No
				S	0.000000	0.000000	No
				Cr	-0.000200	0.000000	No
				W	0.110000	0.000000	No
				V	0.000100	0.000000	No
				Ni	0.000000	0.000000	No
				As	0.000000	0.000000	No
				Sn	0.000000	0.000000	No
				Sb	0.000000	0.000000	No
				Ce	0.000000	0.000000	No

Element, Wavelength and Order	Date of Fit	Date of Cal.	Type of Fit	Weighting	A0	A1	A2	n (Exponent)
Ag 328.068 {103}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000176	0.130765	0.000000	1.000000
Al 396.152 { 85}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000143	0.051062	0.000000	1.000000
As 189.042 {478}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.000018	0.058284	0.000000	1.000000
B 208.959 {462}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.000110	0.174548	0.000000	1.000000
Ba 455.403 { 74}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.006389	2.412335	0.000000	1.000000
Be 313.042 {108}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000206	3.547083	0.000000	1.000000
Bi 223.061 {451}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000513	0.151386	0.000000	1.000000
Ca 317.933 {106}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.010799	0.123840	0.000000	1.000000
Cd 228.802 {448}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000086	0.865196	0.000000	1.000000
Ce 404.076 { 83}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	1/Conc	-0.000032	0.040112	0.000000	1.000000
Co 228.616 {448}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000321	0.547986	0.000000	1.000000
Cr 267.716 {126}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000044	0.157417	0.000000	1.000000
Cu 324.754 {104}2	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.001050	0.227866	0.000000	1.000000
Fe 259.940 {130}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000540	0.063438	0.000000	1.000000
In 230.606 {446}*	1/27/2025 20:30:19	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
K 766.490 { 44}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.001206	0.018030	0.000000	1.000000
Li 670.784 { 50}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.004349	0.597553	0.000000	1.000000
Mg 279.079 {121}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000535	0.015982	0.000000	1.000000
Mn 257.610 {131}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000075	0.872637	0.000000	1.000000
Mo 202.030 {467}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.000127	0.548103	0.000000	1.000000
Na 589.592 { 57}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.001921	0.078039	0.000000	1.000000
Ni 231.604 {446}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000367	0.448690	0.000000	1.000000
P 177.495 {490}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	1/Conc	-0.001135	0.035158	0.000000	1.000000
Pb 220.353 {453}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.000277	0.192534	0.000000	1.000000
S 182.034 {485}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.000555	0.037150	0.000000	1.000000
Sb 206.833 {463}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.000479	0.114233	0.000000	1.000000
Se 196.090 {472}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.000401	0.068466	0.000000	1.000000
Si 212.412 {459}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.002877	0.145281	0.000000	1.000000
Sn 189.989 {478}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.000389	0.084328	0.000000	1.000000
Sr 407.771 { 83}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.000972	2.961075	0.000000	1.000000
Ti 334.904 {101}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000074	0.147254	0.000000	1.000000
Tl 190.856 {477}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000100	0.048589	0.000000	1.000000
V 292.402 {115}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.000039	0.240913	0.000000	1.000000
W 207.911 {462}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.000932	0.292992	0.000000	1.000000
Y 360.073 { 94}*	1/27/2025 20:30:19	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
Y 371.030 { 91}*	1/27/2025 20:30:19	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
Y 224.306 {451}*	1/27/2025 20:30:19	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
Zn 206.200 {464}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	0.000036	1.049776	0.000000	1.000000
Zr 339.198 { 99}	1/27/2025 20:30:19	1/27/2025 8:08:24	Linear	None	-0.001163	0.414289	0.000000	1.000000

Element, Wavelength and Order	Correlation	Std Error of Est	Predicted MDL	Predicted MQL	Status	Reslope		QC Norm	
						Slope	Y-int	Slope factor	Offset
Ag 328.068 {103}	1.000000	0.000000	0.000656	0.002187	OK.	1.000000	0.000000	1	0
Al 396.152 { 85}	1.000000	0.000000	0.014556	0.048519	OK.	1.000000	0.000000	1	0
As 189.042 {478}	1.000000	0.000000	0.002212	0.007373	OK.	1.000000	0.000000	1	0
B 208.959 {462}	1.000000	0.000000	0.000918	0.003060	OK.	1.000000	0.000000	1	0
Ba 455.403 { 74}	1.000000	0.000000	0.000419	0.001398	OK.	1.000000	0.000000	1	0
Be 313.042 {108}	1.000000	0.000000	0.000091	0.000302	OK.	1.000000	0.000000	1	0
Bi 223.061 {451}	1.000000	0.000000	0.002239	0.007465	OK.	1.000000	0.000000	1	0
Ca 317.933 {106}	1.000000	0.000000	0.003568	0.011893	OK.	1.000000	0.000000	1	0
Cd 228.802 {448}	1.000000	0.000000	0.000260	0.000866	OK.	1.000000	0.000000	1	0
Ce 404.076 { 83}	1.000000	0.000000	0.004181	0.013935	OK.	1.000000	0.000000	1	0
Co 228.616 {448}	1.000000	0.000000	0.000312	0.001041	OK.	1.000000	0.000000	1	0
Cr 267.716 {126}	1.000000	0.000000	0.000385	0.001284	OK.	1.000000	0.000000	1	0
Cu 324.754 {104}2	1.000000	0.000000	0.000622	0.002073	OK.	1.000000	0.000000	1	0
Fe 259.940 {130}	1.000000	0.000000	0.003218	0.010728	OK.	1.000000	0.000000	1	0
In 230.606 {446}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
K 766.490 { 44}	1.000000	0.000000	0.069158	0.230526	OK.	1.000000	0.000000	1	0
Li 670.784 { 50}	1.000000	0.000000	0.002060	0.006866	OK.	1.000000	0.000000	1	0
Mg 279.079 {121}	1.000000	0.000000	0.018267	0.060888	OK.	1.000000	0.000000	1	0
Mn 257.610 {131}	1.000000	0.000000	0.000064	0.000213	OK.	1.000000	0.000000	1	0
Mo 202.030 {467}	1.000000	0.000000	0.000361	0.001202	OK.	1.000000	0.000000	1	0
Na 589.592 { 57}	1.000000	0.000000	0.015594	0.051981	OK.	1.000000	0.000000	1	0
Ni 231.604 {446}	1.000000	0.000000	0.000433	0.001442	OK.	1.000000	0.000000	1	0
P 177.495 {490}	1.000000	0.000000	0.002732	0.009105	OK.	1.000000	0.000000	1	0
Pb 220.353 {453}	1.000000	0.000000	0.001508	0.005025	OK.	1.000000	0.000000	1	0
S 182.034 {485}	1.000000	0.000000	0.003402	0.011340	OK.	1.000000	0.000000	1	0
Sb 206.833 {463}	1.000000	0.000000	0.002004	0.006680	OK.	1.000000	0.000000	1	0
Se 196.090 {472}	1.000000	0.000000	0.002560	0.008534	OK.	1.000000	0.000000	1	0
Si 212.412 {459}	1.000000	0.000000	0.001589	0.005296	OK.	1.000000	0.000000	1	0
Sn 189.989 {478}	1.000000	0.000000	0.001476	0.004920	OK.	1.000000	0.000000	1	0
Sr 407.771 { 83}	1.000000	0.000000	0.000200	0.000668	OK.	1.000000	0.000000	1	0
Ti 334.904 {101}	1.000000	0.000000	0.000514	0.001713	OK.	1.000000	0.000000	1	0
Tl 190.856 {477}	1.000000	0.000000	0.001946	0.006487	OK.	1.000000	0.000000	1	0
V 292.402 {115}	1.000000	0.000000	0.000351	0.001171	OK.	1.000000	0.000000	1	0
W 207.911 {462}	1.000000	0.000000	0.001377	0.004589	OK.	1.000000	0.000000	1	0
Y 360.073 { 94}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
Y 371.030 { 91}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
Y 224.306 {451}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
Zn 206.200 {464}	1.000000	0.000000	0.000164	0.000547	OK.	1.000000	0.000000	1	0
Zr 339.198 { 99}	1.000000	0.000000	0.000280	0.000934	OK.	1.000000	0.000000	1	0

Zoom In ▶ Zoom Out

Sample Name: STDA Acquired: 1/29/2025 14:45:23 Type: Cal
Method: SGS 092523(v316) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0013**	**.0063**	**-.0004**	**.0021**	**.0053**	**.0010**	**.0024**	**.0055**	**.0008**
Stddev	.0000	.0002	.0004	.0001	.0002	.0001	.0005	.0001	.0002
%RSD	3.281	3.899	88.04	6.255	3.266	7.197	21.29	1.947	18.85
#1	-.0013	.0066	-.0001	.0021	.0052	.0009	.0027	.0056	.0010
#2	-.0014	.0062	-.0003	.0022	.0055	.0010	.0027	.0055	.0007
#3	-.0013	.0061	-.0008	.0020	.0053	.0010	.0018	.0054	.0008

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0004**	**.0005**	**.0000**	**.0053**	**.0002**	**.0024**	**.0021**	**.0003**	**.0000**
Stddev	.0001	.0001	.0001	.0001	.0003	.0018	.0014	.0000	.0001
%RSD	16.49	26.90	632.7	1.983	176.1	77.96	65.71	4.217	1163.
#1	-.0003	.0005	.0000	.0054	.0002	.0044	.0019	.0003	.0001
#2	-.0004	.0007	-.0000	.0053	-.0002	.0008	.0036	.0002	-.0000
#3	-.0003	.0004	.0000	.0052	.0004	.0019	.0008	.0003	-.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0000**	**.0071**	**.0004**	**-.0006**	**.0004**	**-.0004**	**-.0011**	**.0004**	**.0064**
Stddev	.0005	.0005	.0002	.0002	.0001	.0001	.0004	.0002	.0001
%RSD	2907.	6.374	47.76	37.23	30.84	32.73	37.97	64.34	.8982
#1	.0004	.0068	.0006	-.0007	.0005	-.0004	-.0013	.0005	.0063
#2	.0001	.0070	.0002	-.0003	.0003	-.0003	-.0013	.0004	.0064
#3	-.0006	.0076	.0004	-.0008	.0003	-.0005	-.0006	.0001	.0064

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0001**	**.0004**	**.0001**	**.0001**	**.0001**	**.0027**	**-.0002**	**.0005**
Stddev	.0002	.0004	.0001	.0000	.0000	.0006	.0002	.0000
%RSD	120.9	104.8	48.76	47.73	28.64	22.52	111.6	6.433
#1	.0003	.0008	.0002	.0001	.0001	.0024	.0000	.0005
#2	-.0000	.0001	.0001	.0002	.0001	.0023	-.0002	.0005
#3	.0002	.0002	.0001	.0001	.0002	.0034	-.0005	.0006

Zoom In ▶ Zoom Out

Sample Name: STDA Acquired: 1/29/2025 14:45:23 Type: Cal
Method: SGS 092523(v316) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6223.3**	**101770.**	**9945.5**	**2274.6**
Stddev	10.0	98.	33.3	7.6
%RSD	.16082	.09641	.33453	.33551
#1	6226.2	101860.	9948.1	2279.5
#2	6212.1	101780.	9911.0	2265.8
#3	6231.5	101670.	9977.4	2278.5

Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 1/29/2025 14:50:26 Type: Cal
Method: SGS 092523(v316) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0794**	**3.895**	**.7192**	**.9706**	**7.954**	**14.99**	**1.294**	**8.000**	**4.637**
Stddev	.0000	.010	.0014	.0013	.016	.03	.003	.019	.004
%RSD	.0511	.2496	.1922	.1322	.2032	.1998	.2004	.2429	.0895
#1	.0794	3.893	.7204	.9714	7.941	14.99	1.296	8.003	4.642
#2	.0794	3.886	.7195	.9713	7.948	14.96	1.294	7.979	4.634
#3	.0794	3.905	.7177	.9691	7.972	15.02	1.291	8.017	4.635

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.1139**	**2.169**	**.5901**	**1.162**	**5.204**	**1.936**	**3.052**	**.9702**	**2.689**
Stddev	.0000	.002	.0006	.003	.013	.006	.008	.0025	.005
%RSD	.0210	.0918	.1003	.2575	.2442	.3243	.2695	.2558	.1752
#1	.1139	2.170	.5904	1.165	5.202	1.933	3.047	.9713	2.692
#2	.1139	2.170	.5894	1.162	5.193	1.931	3.047	.9673	2.683
#3	.1138	2.167	.5905	1.159	5.218	1.943	3.061	.9719	2.691

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4.278**	**9.306**	**1.799**	**.5282**	**.8787**	**.3073**	**.9400**	**.4374**	**3.016**
Stddev	.005	.018	.000	.0008	.0008	.0002	.0014	.0011	.004
%RSD	.1120	.1980	.0168	.1599	.0857	.0728	.1442	.2428	.1413
#1	4.284	9.302	1.799	.5290	.8789	.3072	.9416	.4384	3.020
#2	4.276	9.290	1.798	.5284	.8794	.3072	.9391	.4375	3.018
#3	4.275	9.326	1.799	.5273	.8779	.3076	.9394	.4363	3.012

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.8126**	**16.00**	**.6037**	**.1527**	**.6509**	**2.631**	**6.109**	**1.898**
Stddev	.0018	.03	.0004	.0003	.0006	.001	.011	.009
%RSD	.2246	.1989	.0651	.2106	.0945	.0500	.1837	.4906
#1	.8142	15.98	.6042	.1526	.6516	2.631	6.119	1.905
#2	.8106	15.99	.6036	.1530	.6506	2.633	6.097	1.888
#3	.8131	16.04	.6034	.1524	.6505	2.630	6.111	1.902

Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 1/29/2025 14:50:26 Type: Cal
Method: SGS 092523(v316) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5717.7**	**98602.**	**9902.0**	**2209.5**
Stddev	13.6	287.	83.2	8.1
%RSD	.23728	.29081	.84011	.36662
#1	5714.9	98292.	9831.0	2207.0
#2	5732.5	98858.	9993.5	2218.6
#3	5705.8	98655.	9881.5	2203.0

Zoom In Zoom Out

Sample Name: ICV Acquired: 1/29/2025 14:55:27 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2503**	**38.85**	**1.968**	**2.059**	**2.033**	**2.092**	**1.961**	**39.84**	**1.987**
Stddev	.0004	.07	.003	.006	.001	.001	.004	.02	.003
%RSD	.1537	.1824	.1328	.2819	.0645	.0650	.1984	.0497	.1615
#1	.2507	38.90	1.970	2.063	2.034	2.093	1.965	39.86	1.991
#2	.2499	38.87	1.965	2.062	2.034	2.092	1.959	39.85	1.987
#3	.2502	38.77	1.967	2.053	2.032	2.090	1.959	39.82	1.984
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.950**	**1.974**	**2.006**	**1.977**	**39.85**	**39.22**	F **2.143**	**39.35**	**2.056**
Stddev	.003	.003	.002	.002	.08	.08	.004	.10	.001
%RSD	.1393	.1609	.1113	.1031	.2123	.1946	.1754	.2485	.0368
#1	1.948	1.974	2.006	1.977	39.84	39.29	2.141	39.41	2.056
#2	1.953	1.971	2.008	1.975	39.94	39.14	2.140	39.40	2.055
#3	1.948	1.977	2.004	1.979	39.77	39.23	2.147	39.24	2.056
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value							2.000		
Range							5.000%		

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.020**	**39.90**	**1.998**	**2.037**	**2.012**	**1.999**	**2.019**	F **2.110**	**4.837**
Stddev	.002	.05	.002	.001	.006	.010	.007	.007	.010
%RSD	.1105	.1144	.0905	.0254	.3108	.4847	.3376	.3340	.2103
#1	2.022	39.93	1.997	2.037	2.006	1.999	2.025	2.118	4.847
#2	2.019	39.92	1.997	2.036	2.011	1.989	2.021	2.108	4.837
#3	2.018	39.85	2.000	2.036	2.018	2.009	2.012	2.105	4.826
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value								2.000	
Range								5.000%	

Zoom In Zoom Out

Sample Name: ICV Acquired: 1/29/2025 14:55:27 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.004**	**1.942**	**2.094**	**2.060**	**1.971**	F **2.127**	**1.961**	**1.966**
Stddev	.002	.001	.001	.004	.000	.004	.001	.001
%RSD	.0941	.0404	.0248	.1967	.0186	.1952	.0533	.0245
#1	2.005	1.943	2.094	2.062	1.970	2.132	1.962	1.965
#2	2.002	1.942	2.094	2.056	1.971	2.125	1.960	1.966
#3	2.006	1.941	2.095	2.064	1.971	2.125	1.962	1.966
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value						2.000		
Range						5.000%		

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5821.8**	**99023.**	**9888.7**	**2228.9**
Stddev	5.9	238.	22.0	1.1
%RSD	.10172	.24080	.22246	.05059
#1	5828.1	98815.	9884.0	2228.7
#2	5820.9	98970.	9869.4	2227.8
#3	5816.4	99283.	9912.6	2230.1

Zoom In Zoom Out

Sample Name: ICB Acquired: 1/29/2025 15:01:08 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0196**	**-.0006**	**.0032**	**.0003**	**.0001**	**.0018**	**.0010**	**-.0001**
Stddev	.0002	.0075	.0009	.0011	.0004	.0001	.0009	.0011	.0004
%RSD	34.00	38.39	155.9	35.18	139.2	92.39	51.08	109.4	399.8
#1	.0008	.0109	-.0002	.0036	-.0001	.0001	.0023	-.0001	-.0005
#2	.0004	.0245	.0000	.0041	.0005	.0001	.0008	.0021	-.0001
#3	.0009	.0233	-.0017	.0019	.0004	.0000	.0024	.0009	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0061**	**.0001**	**.0003**	**-.0001**	**-.0006**	**.0525**	**.0033**	**-.0006**	**.0001**
Stddev	.0048	.0003	.0001	.0000	.0011	.0192	.0010	.0140	.0000
%RSD	79.22	518.9	56.81	33.89	176.1	36.69	29.84	2439.	26.31
#1	-.0005	.0002	.0004	-.0001	.0005	.0696	.0037	-.0154	.0000
#2	-.0086	-.0003	.0003	-.0001	-.0016	.0561	.0041	.0123	.0001
#3	-.0092	.0003	.0001	-.0002	-.0007	.0316	.0022	.0014	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0301**	**.0000**	**-.0001**	**.0004**	**.0025**	**-.0003**	**-.0004**	**.0021**
Stddev	.0003	.0031	.0001	.0008	.0006	.0020	.0014	.0029	.0017
%RSD	253.9	10.35	963.7	571.1	160.5	79.92	487.1	757.5	81.37
#1	-.0002	.0337	.0002	-.0009	-.0003	.0043	-.0002	-.0036	.0040
#2	.0003	.0283	-.0001	.0007	.0004	.0003	-.0018	.0004	.0016
#3	.0003	.0282	-.0000	-.0002	.0010	.0029	.0011	.0021	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICB Acquired: 1/29/2025 15:01:08 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0000**	**.0003**	**.0017**	**.0001**	**.0003**	**.0003**	**-.0004**
Stddev	.0006	.0000	.0008	.0016	.0004	.0002	.0002	.0001
%RSD	123.7	70.85	256.7	93.37	392.7	69.67	58.93	36.02
#1	-.0002	.0000	.0008	.0034	.0002	.0006	.0005	-.0002
#2	.0008	.0000	-.0006	.0002	-.0003	.0002	.0001	-.0004
#3	.0008	.0000	.0007	.0015	.0004	.0002	.0003	-.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6162.2**	**100440.**	**9947.6**	**2248.4**
Stddev	4.8	412.	39.3	2.6
%RSD	.07724	.41026	.39464	.11455
#1	6164.6	100910.	9986.5	2250.1
#2	6156.7	100200.	9948.2	2245.4
#3	6165.3	100200.	9908.0	2249.7

Zoom In Zoom Out

Sample Name: ICCV 1 Acquired: 1/29/2025 15:08:50 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2539**	**40.49**	**2.060**	**2.058**	**2.016**	**2.036**	F **2.110**	**41.23**	**2.056**
Stddev	.0011	.05	.003	.004	.002	.003	.005	.07	.002
%RSD	.4269	.1121	.1329	.1759	.0988	.1449	.2344	.1578	.1112
#1	.2549	40.47	2.059	2.057	2.014	2.034	2.111	41.17	2.058
#2	.2546	40.48	2.059	2.054	2.015	2.034	2.111	41.19	2.053
#3	.2534	40.56	2.063	2.062	2.018	2.040	2.114	41.30	2.058
#4	.2525	40.46	2.057	2.060	2.015	2.034	2.103	41.27	2.054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value							2.000		
Range							5.000%		

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.045**	**2.031**	**2.061**	**2.008**	**41.07**	**40.57**	**2.037**	**40.59**	F **2.127**
Stddev	.001	.002	.002	.001	.08	.04	.003	.20	.005
%RSD	.0586	.0911	.1174	.0368	.1951	.0997	.1407	.4998	.2283
#1	2.044	2.033	2.065	2.006	41.01	40.58	2.035	40.52	2.133
#2	2.046	2.029	2.061	2.008	41.00	40.52	2.034	40.34	2.130
#3	2.044	2.032	2.060	2.008	41.16	40.61	2.040	40.78	2.122
#4	2.044	2.031	2.060	2.008	41.12	40.58	2.037	40.73	2.125
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value									2.000
Range									5.000%

Zoom In Zoom Out

Sample Name: ICCV 1 Acquired: 1/29/2025 15:08:50 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.086**	**40.74**	**2.073**	**2.013**	**2.090**	**2.076**	**2.073**	**2.064**	**5.035**
Stddev	.003	.07	.002	.004	.003	.006	.002	.001	.007
%RSD	.1256	.1640	.0783	.2122	.1365	.2721	.1103	.0617	.1396
#1	2.085	40.70	2.075	2.016	2.090	2.069	2.074	2.064	5.039
#2	2.086	40.68	2.071	2.015	2.089	2.080	2.069	2.062	5.035
#3	2.090	40.82	2.073	2.016	2.095	2.075	2.074	2.064	5.040
#4	2.084	40.78	2.072	2.007	2.088	2.081	2.072	2.065	5.025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.099**	**2.002**	**2.062**	F **2.111**	**2.068**	**2.067**	**2.077**	**2.070**
Stddev	.003	.002	.003	.010	.004	.003	.001	.002
%RSD	.1204	.0860	.1313	.4898	.2193	.1201	.0672	.1108
#1	2.096	2.001	2.066	2.112	2.073	2.068	2.077	2.073
#2	2.099	2.001	2.063	2.097	2.070	2.065	2.077	2.070
#3	2.102	2.005	2.060	2.115	2.063	2.070	2.077	2.068
#4	2.098	2.002	2.061	2.122	2.066	2.065	2.074	2.070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				2.000				
Range				5.000%				

Zoom In Zoom Out

Sample Name: ICCV 1 Acquired: 1/29/2025 15:08:50 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5767.2**	**97859.**	**9778.0**	**2202.3**
Stddev	10.3	462.	53.8	4.7
%RSD	.17905	.47213	.55028	.21356
#1	5756.0	97366.	9782.3	2199.5
#2	5760.9	97583.	9842.1	2197.3
#3	5776.8	98356.	9777.1	2204.5
#4	5775.0	98131.	9710.5	2207.7

Zoom In Zoom Out

Sample Name: ICCV 1 Acquired: 1/29/2025 15:14:58 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2473**	**39.40**	**1.995**	**1.999**	**1.962**	**1.981**	**2.046**	**40.10**	**1.993**
Stddev	.0005	.03	.009	.006	.002	.002	.005	.07	.004
%RSD	.2075	.0662	.4518	.3243	.1069	.0795	.2529	.1827	.1914
#1	.2477	39.37	1.997	1.998	1.961	1.981	2.048	40.10	1.995
#2	.2470	39.42	1.986	1.993	1.960	1.980	2.038	40.07	1.989
#3	.2468	39.41	2.007	2.008	1.964	1.983	2.049	40.19	1.998
#4	.2478	39.42	1.989	1.997	1.963	1.979	2.048	40.02	1.992
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.982**	**1.974**	**1.999**	**1.948**	**39.96**	**39.46**	**1.981**	**39.53**	**2.061**
Stddev	.005	.003	.004	.002	.06	.11	.003	.08	.003
%RSD	.2508	.1313	.1769	.0884	.1536	.2797	.1258	.2032	.1205
#1	1.986	1.978	2.004	1.949	39.93	39.35	1.984	39.52	2.064
#2	1.981	1.972	1.998	1.948	39.92	39.50	1.979	39.50	2.060
#3	1.976	1.975	2.000	1.951	40.05	39.60	1.980	39.64	2.060
#4	1.987	1.973	1.995	1.946	39.94	39.41	1.979	39.45	2.058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ICCV 1 Acquired: 1/29/2025 15:14:58 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.023**	**39.63**	**2.014**	**1.953**	**2.028**	**2.008**	**2.009**	**2.003**	**4.895**
Stddev	.005	.04	.002	.006	.003	.005	.004	.007	.010
%RSD	.2573	.0934	.1208	.2868	.1447	.2462	.2116	.3625	.2012
#1	2.026	39.60	2.016	1.956	2.033	2.013	2.010	2.009	4.902
#2	2.018	39.62	2.011	1.946	2.027	2.002	2.004	1.995	4.882
#3	2.028	39.68	2.016	1.958	2.027	2.011	2.014	2.009	4.903
#4	2.018	39.61	2.012	1.951	2.027	2.005	2.009	1.998	4.894
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.034**	**1.952**	**1.999**	**2.047**	**2.002**	**2.004**	**2.014**	**2.007**
Stddev	.006	.002	.003	.004	.002	.003	.004	.001
%RSD	.2775	.0954	.1613	.1867	.0924	.1230	.2233	.0714
#1	2.039	1.950	2.003	2.046	2.004	2.005	2.020	2.009
#2	2.029	1.951	1.998	2.052	2.002	2.001	2.012	2.007
#3	2.038	1.954	2.001	2.046	2.002	2.006	2.014	2.007
#4	2.029	1.953	1.996	2.043	2.000	2.003	2.010	2.005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Zoom In Zoom Out

Sample Name: ICCV 1 Acquired: 1/29/2025 15:14:58 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5837.4**	**99287.**	**9937.9**	**2233.9**
Stddev	15.3	215.	45.0	5.2
%RSD	.26168	.21685	.45330	.23098
#1	5817.1	99138.	9948.1	2226.5
#2	5834.5	99599.	9920.4	2235.5
#3	5851.1	99263.	9888.4	2235.1
#4	5846.9	99148.	9994.7	2238.5

Zoom In Zoom Out

Sample Name: CCB 7 Acquired: 1/29/2025 15:20:15 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0140**	**-.0002**	**.0017**	**.0003**	**.0002**	**-.0010**	**.0059**	**.0000**
Stddev	.0005	.0064	.0004	.0006	.0001	.0000	.0006	.0019	.0004
%RSD	64.25	46.10	201.1	36.48	44.88	26.60	55.45	31.84	1633.
#1	.0014	.0199	-.0001	.0013	.0003	.0002	-.0015	.0080	.0002
#2	.0004	.0071	-.0007	.0014	.0001	.0002	-.0004	.0044	.0003
#3	.0007	.0150	.0002	.0024	.0004	.0001	-.0012	.0052	-.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0132**	**.0001**	**.0005**	**-.0004**	**.0047**	**.0287**	**.0026**	**.0018**	**.0002**
Stddev	.0006	.0004	.0001	.0004	.0006	.0513	.0019	.0092	.0001
%RSD	4.305	474.8	20.18	86.31	13.36	178.4	71.39	514.4	57.27
#1	-.0126	-.0003	.0004	-.0004	.0054	.0666	.0026	.0122	.0003
#2	-.0132	.0001	.0006	-.0001	.0042	.0492	.0007	-.0017	.0003
#3	-.0137	.0004	.0005	-.0008	.0044	-.0296	.0045	-.0051	.0001
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0219**	**.0002**	**-.0001**	**-.0005**	**.0015**	**.0009**	**-.0007**	**.0027**
Stddev	.0006	.0017	.0002	.0007	.0011	.0056	.0009	.0005	.0008
%RSD	389.5	7.540	110.2	900.2	206.4	372.9	100.0	71.91	31.81
#1	.0004	.0230	.0004	.0007	.0002	-.0033	.0020	-.0006	.0018
#2	-.0001	.0227	.0002	-.0001	-.0017	.0076	.0006	-.0003	.0027
#3	-.0008	.0200	-.0000	-.0008	-.0000	.0002	.0002	-.0013	.0035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB 7 Acquired: 1/29/2025 15:20:15 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0003**	**-.0002**	**-.0078**	**.0005**	**.0005**	**.0006**	**-.0003**
Stddev	.0008	.0002	.0003	.0001	.0002	.0008	.0001	.0003
%RSD	170.6	79.70	145.9	1.423	28.76	154.1	18.40	100.2
#1	.0005	.0004	-.0002	-.0079	.0004	-.0003	.0006	.0000
#2	-.0004	.0000	.0001	-.0077	.0005	.0005	.0004	-.0005
#3	.0012	.0004	-.0005	-.0079	.0007	.0013	.0006	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6171.2**	**100960.**	**9882.0**	**2252.4**
Stddev	11.9	177.	61.7	5.7
%RSD	.19208	.17550	.62454	.25130
#1	6184.8	100820.	9811.8	2258.7
#2	6165.5	100890.	9906.4	2250.8
#3	6163.3	101160.	9927.8	2247.8

Zoom In Zoom Out

Sample Name: CRI Acquired: 1/29/2025 15:24:25 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0057**	**.2080**	**.0072**	**.1048**	**.1986**	**.0023**	**.0217**	**5.080**	**.0032**
Stddev	.0005	.0107	.0010	.0012	.0006	.0001	.0004	.007	.0003
%RSD	8.355	5.126	13.42	1.178	.3016	5.009	1.654	.1412	9.239
#1	.0056	.1972	.0077	.1038	.1980	.0024	.0213	5.078	.0031
#2	.0063	.2083	.0078	.1062	.1985	.0022	.0218	5.088	.0030
#3	.0053	.2185	.0061	.1045	.1992	.0023	.0220	5.074	.0035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0047**	**.0508**	**.0107**	**.0091**	**.1093**	**4.893**	**.0501**	**5.141**	**.0160**
Stddev	.0018	.0003	.0003	.0002	.0014	.011	.0003	.024	.0001
%RSD	37.50	.5128	2.604	2.714	1.238	.2237	.5910	.4585	.6634
#1	-.0041	.0511	.0104	.0090	.1080	4.891	.0498	5.134	.0161
#2	-.0067	.0507	.0109	.0094	.1107	4.883	.0504	5.168	.0160
#3	-.0033	.0506	.0108	.0089	.1092	4.905	.0500	5.122	.0159
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0215**	**4.955**	**.0106**	**.0513**	**.0029**	**.0529**	**.0053**	**.0116**	**.2186**
Stddev	.0002	.011	.0005	.0008	.0013	.0027	.0002	.0034	.0006
%RSD	1.046	.2194	4.343	1.591	45.98	5.112	4.430	29.68	.2519
#1	.0216	4.950	.0103	.0521	.0026	.0541	.0052	.0078	.2193
#2	.0212	4.967	.0111	.0513	.0018	.0548	.0051	.0146	.2183
#3	.0216	4.948	.0104	.0505	.0044	.0498	.0055	.0124	.2183
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CRI Acquired: 1/29/2025 15:24:25 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0105**	**.0103**	**.0095**	**.0120**	**.0511**	**.0531**	**.0219**	**.0104**
Stddev	.0012	.0001	.0004	.0014	.0005	.0003	.0001	.0001
%RSD	10.95	.8346	4.422	11.60	.9854	.6572	.4134	.6353
#1	.0115	.0102	.0091	.0129	.0508	.0528	.0220	.0103
#2	.0109	.0104	.0100	.0127	.0517	.0535	.0218	.0104
#3	.0092	.0103	.0095	.0104	.0508	.0531	.0220	.0103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6095.9**	**100450.**	**9954.8**	**2233.4**
Stddev	5.4	153.	29.6	4.4
%RSD	.08864	.15262	.29736	.19503
#1	6093.9	100420.	9923.0	2231.2
#2	6091.8	100620.	9981.5	2230.7
#3	6102.1	100320.	9960.0	2238.4

Zoom In Zoom Out

Sample Name: CRID Acquired: 1/29/2025 15:29:18 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.0009**	**.1130**	**.0030**	F **-.0016**	**.0043**	**.0011**	F **-.0018**	**1.027**
Stddev	.0003	.0085	.0007	.0020	.0003	.0001	.0005	.003
%RSD	40.14	7.509	22.94	129.5	6.346	6.464	30.19	.2388
#1	.0006	.1034	.0038	-.0003	.0042	.0010	-.0024	1.025
#2	.0007	.1196	.0025	-.0005	.0046	.0011	-.0018	1.030
#3	.0013	.1159	.0028	-.0039	.0041	.0012	-.0013	1.028
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value	.0020			.0100			.0040	
Range	-30.00%			-30.00%			-30.00%	

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**-.0057**	**.0029**	**.0024**	F **.0001**	**.0025**	**2.028**	F **-.0008**
Stddev	.0002	.0024	.0001	.0001	.0003	.0021	.051	.0018
%RSD	18.56	42.53	3.522	4.472	188.4	81.71	2.528	213.3
#1	.0014	-.0057	.0028	.0024	.0004	.0030	2.087	-.0028
#2	.0010	-.0033	.0030	.0025	.0002	.0003	2.002	-.0000
#3	.0014	-.0081	.0028	.0023	-.0002	.0043	1.994	.0004
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Fail	None	Chk Pass	Chk Fail
Value					.0020			.0040
Range					-30.00%			-30.00%

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0945**	**.0032**	**-.0002**	**.9875**	F **.0056**	F **-.0003**	F **-.0008**	**.0031**
Stddev	.0084	.0001	.0001	.0113	.0002	.0013	.0001	.0019
%RSD	8.846	3.565	66.23	1.145	3.813	418.1	6.647	60.73
#1	.0851	.0034	-.0001	.9964	.0058	-.0002	-.0008	.0046
#2	.1010	.0032	-.0001	.9913	.0054	-.0017	-.0008	.0010
#3	.0975	.0031	-.0003	.9748	.0058	.0010	-.0009	.0036
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Fail	Chk Fail	Chk Fail	Chk Pass
Value					.0040	.0040	.0025	
Range					30.00%	-30.00%	-30.00%	

Zoom In Zoom Out

Sample Name: CRID Acquired: 1/29/2025 15:29:18 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0001**	**.0063**	**-.0048**	**.0006**	**.0002**	**-.0002**	F **-.0034**	**.0021**
Stddev	.0018	.0027	.0009	.0009	.0000	.0002	.0008	.0002
%RSD	1920.	42.51	18.89	153.5	24.37	63.72	23.32	7.815
#1	-.0007	.0038	-.0037	-.0002	.0002	-.0004	-.0025	.0023
#2	-.0015	.0091	-.0053	.0017	.0002	-.0001	-.0039	.0020
#3	.0019	.0059	-.0052	.0003	.0001	-.0002	-.0038	.0020
Check ?	Chk Fail	Chk Pass	None	None	None	None	Chk Fail	Chk Pass
Value	.0030						.0020	
Range	-30.00%						-20.00%	

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	F **.0003**	**.0109**	F **-.0001**
Stddev	.0015	.0001	.0001
%RSD	466.5	1.164	58.85
#1	-.0013	.0109	-.0001
#2	.0016	.0107	-.0002
#3	.0007	.0110	-.0000
Check ?	Chk Fail	Chk Pass	Chk Fail
Value	.0040		.0040
Range	-30.00%		-30.00%

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6153.2**	**100790.**	**9949.8**	**2246.5**
Stddev	13.2	514.	66.3	8.8
%RSD	.21473	.50981	.66585	.39054
#1	6167.4	101350.	9998.0	2255.9
#2	6151.1	100340.	9977.2	2245.2
#3	6141.2	100700.	9874.3	2238.4

Zoom In Zoom Out

Sample Name: ICSA Acquired: 1/29/2025 15:34:12 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0045**	**490.3**	**-.0017**	**-.0009**	**.0011**	**.0000**	**-.0099**	**384.4**	**.0002**
Stddev	.0004	1.6	.0008	.0020	.0001	.0001	.0014	3.8	.0002
%RSD	8.689	.3216	43.40	220.0	12.26	188.2	13.94	.9976	110.5
#1	-.0043	490.5	-.0019	-.0031	.0010	-.0000	-.0114	382.2	.0004
#2	-.0043	491.8	-.0009	.0005	.0012	.0000	-.0098	382.1	-.0001
#3	-.0050	488.7	-.0024	-.0000	.0012	.0001	-.0086	388.8	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0564**	**-.0004**	**-.0001**	**.0055**	**193.5**	**-.0382**	**.0021**	**494.4**	**.0103**
Stddev	.0005	.0004	.0002	.0003	.3	.0190	.0035	.9	.0001
%RSD	.9232	100.9	311.5	4.601	.1619	49.66	168.3	.1727	1.447
#1	.0560	-.0008	.0001	.0058	193.2	-.0175	-.0020	493.6	.0104
#2	.0570	-.0004	-.0001	.0053	193.8	-.0548	.0042	495.3	.0104
#3	.0561	.0000	-.0002	.0054	193.4	-.0424	.0041	494.4	.0102
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0283**	**.0012**	**.0190**	**.0024**	**-.0040**	**-.0015**	**-.0010**	**.0465**
Stddev	.0004	.0049	.0003	.0005	.0024	.0034	.0020	.0040	.0015
%RSD	57.12	17.42	25.79	2.536	100.7	84.12	130.1	409.1	3.194
#1	.0009	.0229	.0011	.0185	.0034	-.0051	.0008	-.0042	.0480
#2	.0009	.0294	.0010	.0194	-.0004	-.0067	-.0025	-.0023	.0464
#3	.0002	.0326	.0016	.0192	.0042	-.0002	-.0028	.0036	.0450
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 1/29/2025 15:34:12 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0031**	**.0012**	**.0000**	**.0025**	**-.0062**	**.0086**	**.0060**	**.0064**
Stddev	.0009	.0001	.0002	.0046	.0005	.0021	.0003	.0002
%RSD	30.80	12.44	655.0	186.0	7.766	24.55	4.630	3.578
#1	.0041	.0013	.0002	.0045	-.0059	.0067	.0058	.0064
#2	.0029	.0012	.0002	-.0028	-.0060	.0109	.0060	.0067
#3	.0022	.0010	-.0002	.0058	-.0067	.0083	.0063	.0062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5328.7**	**94020.**	**9791.0**	**2092.8**
Stddev	6.1	328.	42.2	3.6
%RSD	.11492	.34859	.43068	.17190
#1	5321.7	94338.	9824.3	2088.7
#2	5331.2	94038.	9805.2	2095.5
#3	5333.2	93684.	9743.6	2094.1

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 1/29/2025 15:39:17 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.052**	**499.6**	**.9762**	**.4930**	**.4799**	**.4776**	**.5155**	**375.5**	**1.005**
Stddev	.002	10.0	.0033	.0003	.0007	.0008	.0007	3.1	.002
%RSD	.1990	1.998	.3404	.0698	.1528	.1642	.1304	.8244	.2205
#1	1.054	489.9	.9773	.4927	.4793	.4769	.5148	372.2	1.007
#2	1.052	509.8	.9724	.4934	.4796	.4784	.5156	375.9	1.006
#3	1.050	499.0	.9788	.4929	.4807	.4774	.5161	378.3	1.003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0499**	**.4794**	**.4613**	**.5134**	**189.6**	**-.0614**	**.5274**	**471.4**	**.5162**
Stddev	.0051	.0001	.0005	.0008	.3	.0336	.0006	1.2	.0010
%RSD	10.24	.0205	.1061	.1576	.1374	54.68	.1204	.2641	.1947
#1	.0524	.4795	.4618	.5143	189.3	-.0244	.5280	470.2	.5173
#2	.0532	.4793	.4614	.5127	189.6	-.0900	.5274	471.4	.5159
#3	.0440	.4794	.4608	.5134	189.8	-.0698	.5268	472.7	.5154
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4942**	**.0540**	**.9643**	**.5037**	**.9436**	**.5327**	**1.104**	**1.008**	**.5564**
Stddev	.0012	.0053	.0013	.0015	.0016	.0052	.004	.004	.0012
%RSD	.2401	9.843	.1332	.2931	.1713	.9703	.3782	.4352	.2240
#1	.4929	.0509	.9658	.5029	.9455	.5351	1.109	1.013	.5573
#2	.4952	.0510	.9637	.5027	.9429	.5362	1.100	1.006	.5550
#3	.4944	.0601	.9635	.5054	.9425	.5268	1.103	1.005	.5569
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 1/29/2025 15:39:17 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4863**	**.4796**	**.5000**	**.9442**	**.4793**	**.4977**	**.9295**	**.4862**
Stddev	.0003	.0004	.0013	.0026	.0006	.0021	.0011	.0007
%RSD	.0691	.0927	.2658	.2753	.1316	.4260	.1155	.1341
#1	.4865	.4796	.5014	.9463	.4800	.4977	.9292	.4869
#2	.4864	.4791	.4988	.9413	.4793	.4998	.9307	.4856
#3	.4859	.4800	.4998	.9450	.4787	.4955	.9286	.4862
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5338.5**	**94258.**	**9879.7**	**2097.1**
Stddev	9.5	166.	47.1	5.1
%RSD	.17877	.17598	.47654	.24377
#1	5341.3	94101.	9934.0	2098.1
#2	5327.9	94243.	9854.8	2091.5
#3	5346.3	94431.	9850.4	2101.6

Zoom In Zoom Out

Sample Name: HSTD Acquired: 1/29/2025 15:44:13 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6377**	**.0688**	**7.712**	**7.964**	**7.881**	**7.884**	**8.202**	**-.1166**	**7.894**
Stddev	.0009	.0086	.012	.003	.031	.192	.011	.0032	.010
%RSD	.1393	12.49	.1565	.0419	.3950	2.431	.1389	2.750	.1238
#1	.6386	.0754	7.725	7.961	7.887	7.686	8.214	-.1153	7.902
#2	.6377	.0591	7.710	7.963	7.910	7.897	8.199	-.1143	7.899
#3	.6368	.0719	7.701	7.967	7.848	8.069	8.192	-.1203	7.883
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0533**	**7.930**	**8.098**	**7.993**	**-.0341**	**.0579**	**7.860**	**.0732**	**8.163**
Stddev	.0021	.010	.012	.010	.0016	.1020	.008	.0208	.089
%RSD	3.898	.1270	.1537	.1302	4.616	176.2	.1034	28.47	1.089
#1	.0532	7.941	8.104	8.005	-.0324	.0220	7.851	.0971	8.260
#2	.0513	7.922	8.106	7.987	-.0354	-.0213	7.866	.0632	8.145
#3	.0554	7.926	8.084	7.988	-.0346	.1730	7.864	.0592	8.085
Check ?	None	Chk Pass	Chk Pass	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.027**	**.0956**	**7.972**	**7.964**	**8.121**	**97.39**	**7.977**	**8.048**	**24.96**
Stddev	.012	.0028	.014	.012	.009	.13	.006	.005	.01
%RSD	.1440	2.893	.1754	.1511	.1092	.1323	.0741	.0579	.0502
#1	8.041	.0926	7.988	7.965	8.130	97.52	7.981	8.050	24.96
#2	8.021	.0963	7.965	7.975	8.122	97.39	7.981	8.052	24.94
#3	8.021	.0980	7.963	7.951	8.112	97.26	7.970	8.043	24.97
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: HSTD Acquired: 1/29/2025 15:44:13 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.157**	**7.634**	**8.069**	**7.757**	**8.203**	**8.142**	**8.110**	**7.980**
Stddev	.010	.167	.017	.010	.012	.016	.016	.075
%RSD	.1275	2.183	.2119	.1321	.1405	.1948	.1927	.9354
#1	8.167	7.566	8.080	7.767	8.216	8.159	8.126	8.059
#2	8.157	7.824	8.077	7.759	8.195	8.127	8.108	7.911
#3	8.146	7.512	8.049	7.746	8.197	8.139	8.095	7.970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6158.6**	**100520.**	**10058.**	**2269.2**
Stddev	13.5	306.	68.	5.5
%RSD	.21898	.30449	.67430	.24370
#1	6149.7	100340.	10127.	2265.8
#2	6152.0	100340.	10058.	2266.1
#3	6174.1	100870.	9991.0	2275.6

Zoom In Zoom Out

Sample Name: HSTD Acquired: 1/29/2025 15:49:30 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0052**	**303.8**	**-.0047**	**.0089**	**.0008**	**.0007**	**-.0097**	**195.6**	**.0007**
Stddev	.0003	.6	.0002	.0011	.0005	.0001	.0029	1.2	.0002
%RSD	5.582	.1919	3.875	12.67	63.81	16.94	29.61	.5899	22.31
#1	-.0048	303.3	-.0046	.0097	.0014	.0006	-.0099	194.7	.0007
#2	-.0054	303.6	-.0047	.0076	.0006	.0006	-.0124	195.2	.0006
#3	-.0053	304.4	-.0050	.0095	.0005	.0008	-.0067	196.9	.0009
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass	None
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0447**	**.0002**	**.0008**	**.0074**	**196.0**	**205.6**	**.0135**	**291.8**	**.0093**
Stddev	.0010	.0002	.0002	.0002	.4	.4	.0023	.5	.0001
%RSD	2.228	129.6	20.94	3.087	.2031	.2101	17.41	.1739	.6358
#1	.0456	.0004	.0007	.0075	195.7	205.2	.0109	291.7	.0093
#2	.0448	.0001	.0010	.0072	195.9	205.5	.0154	291.4	.0092
#3	.0436	-.0000	.0006	.0076	196.5	206.0	.0141	292.4	.0093
Check ?	None	None	None	None	Chk Pass	Chk Pass	None	Chk Pass	None
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**196.5**	**.0014**	**.0105**	**.0041**	**.0003**	**.0012**	**.0013**	**.0393**
Stddev	.0006	3.3	.0002	.0030	.0003	.0008	.0013	.0027	.0026
%RSD	90.56	1.698	16.62	28.56	6.658	302.2	101.3	209.0	6.559
#1	.0003	194.3	.0013	.0131	.0038	-.0006	.0018	.0013	.0413
#2	.0012	194.9	.0017	.0112	.0043	.0010	.0021	-.0014	.0403
#3	.0003	200.3	.0012	.0072	.0041	.0004	-.0002	.0040	.0364
Check ?	None	Chk Pass	None	None	None	None	None	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: HSTD Acquired: 1/29/2025 15:49:30 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0013**	**.0000**	**.0063**	**-.0060**	**.0081**	**.0022**	**.0066**
Stddev	.0026	.0002	.0002	.0022	.0002	.0003	.0003	.0001
%RSD	240.9	12.49	1065.	34.62	2.594	3.902	13.65	1.171
#1	.0019	.0015	-.0000	.0081	-.0058	.0077	.0025	.0066
#2	-.0029	.0013	.0002	.0070	-.0061	.0082	.0022	.0067
#3	-.0021	.0012	-.0002	.0039	-.0060	.0083	.0019	.0066
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5331.9**	**95236.**	**9821.1**	**2098.8**
Stddev	3.3	330.	45.8	1.8
%RSD	.06127	.34641	.46599	.08419
#1	5329.9	95572.	9810.9	2100.6
#2	5330.1	95222.	9871.2	2097.1
#3	5335.6	94913.	9781.4	2098.6

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 15:54:36 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2488**	**39.50**	**2.005**	**2.012**	**1.951**	**1.985**	**2.062**	**40.32**	**2.014**
Stddev	.0007	.13	.006	.001	.004	.006	.003	.14	.001
%RSD	.2940	.3385	.3263	.0590	.2196	.2936	.1248	.3546	.0287
#1	.2488	39.41	2.012	2.012	1.948	1.982	2.064	40.26	2.015
#2	.2480	39.66	1.999	2.012	1.956	1.992	2.063	40.48	2.014
#3	.2495	39.44	2.004	2.010	1.950	1.982	2.059	40.21	2.014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.005**	**1.986**	**2.013**	**1.962**	**39.92**	**39.64**	**1.984**	**39.38**	**2.089**
Stddev	.004	.002	.003	.002	.12	.13	.004	.14	.002
%RSD	.1987	.1113	.1261	.0945	.3039	.3273	.2262	.3674	.1130
#1	2.001	1.989	2.015	1.964	39.85	39.58	1.982	39.32	2.091
#2	2.009	1.987	2.011	1.960	40.06	39.79	1.989	39.55	2.086
#3	2.004	1.984	2.015	1.962	39.86	39.56	1.981	39.28	2.089
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.035**	**39.60**	**2.026**	**1.958**	**2.041**	**2.017**	**2.022**	**2.020**	**4.927**
Stddev	.003	.12	.001	.006	.005	.006	.003	.009	.008
%RSD	.1492	.3019	.0309	.2958	.2506	.3228	.1440	.4470	.1542
#1	2.037	39.53	2.027	1.959	2.046	2.021	2.022	2.030	4.934
#2	2.031	39.74	2.026	1.951	2.035	2.010	2.019	2.013	4.927
#3	2.036	39.54	2.027	1.962	2.041	2.020	2.025	2.017	4.919
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 15:54:36 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.050**	**1.944**	**2.029**	**2.061**	**2.034**	**2.016**	**2.030**	**2.032**
Stddev	.004	.006	.001	.012	.003	.002	.002	.001
%RSD	.2091	.2911	.0307	.5623	.1279	.0767	.1123	.0272
#1	2.055	1.939	2.029	2.071	2.037	2.017	2.032	2.032
#2	2.046	1.951	2.028	2.063	2.032	2.015	2.028	2.031
#3	2.049	1.943	2.029	2.048	2.034	2.014	2.031	2.032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5816.3**	**98852.**	**9913.6**	**2223.1**
Stddev	6.2	356.	81.2	2.0
%RSD	.10665	.36064	.81950	.09176
#1	5815.5	98639.	9926.2	2222.0
#2	5822.9	99263.	9826.8	2225.5
#3	5810.5	98653.	9987.8	2221.9

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 15:59:11 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**.0388**	**-.0009**	**.0036**	**.0005**	**.0005**	**-.0001**	**.0266**	**-.0001**
Stddev	.0004	.0162	.0005	.0005	.0001	.0001	.0005	.0017	.0001
%RSD	42.75	41.69	61.33	13.28	13.07	18.55	456.1	6.463	117.1
#1	.0014	.0420	-.0011	.0040	.0004	.0006	-.0007	.0247	-.0000
#2	.0005	.0213	-.0012	.0038	.0006	.0005	.0002	.0268	-.0003
#3	.0011	.0531	-.0003	.0031	.0006	.0004	.0001	.0281	-.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0052**	**.0001**	**.0004**	**-.0006**	**.0185**	**.0432**	**.0019**	**.0172**	**.0003**
Stddev	.0019	.0004	.0002	.0002	.0045	.0200	.0015	.0141	.0001
%RSD	37.31	410.4	46.05	29.95	24.12	46.36	78.59	81.70	50.80
#1	-.0070	.0005	.0004	-.0005	.0228	.0337	.0006	.0107	.0004
#2	-.0054	.0000	.0002	-.0005	.0188	.0662	.0016	.0076	.0002
#3	-.0031	-.0003	.0006	-.0008	.0139	.0296	.0036	.0334	.0002
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0578**	**.0003**	**-.0005**	**.0008**	**.0036**	**.0009**	**-.0015**	**.0019**
Stddev	.0002	.0062	.0003	.0010	.0006	.0036	.0036	.0039	.0014
%RSD	121.6	10.64	97.53	203.1	76.97	100.6	398.7	256.0	75.47
#1	.0005	.0545	.0002	-.0014	.0002	-.0001	.0051	-.0018	.0031
#2	-.0000	.0649	.0001	.0006	.0009	.0071	-.0018	-.0053	.0023
#3	.0002	.0541	.0006	-.0007	.0014	.0037	-.0005	.0025	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 15:59:11 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0006**	**.0003**	**-.0078**	**.0003**	**.0009**	**.0005**	**.0000**
Stddev	.0004	.0001	.0001	.0018	.0005	.0011	.0001	.0003
%RSD	59.55	15.72	35.17	22.94	151.6	116.0	30.77	1982.
#1	.0002	.0006	.0004	-.0058	.0004	-.0003	.0006	.0003
#2	.0009	.0005	.0002	-.0092	.0008	.0013	.0004	.0000
#3	.0010	.0007	.0004	-.0083	-.0002	.0017	.0004	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6179.5**	**100990.**	**9968.4**	**2259.0**
Stddev	9.3	836.	30.3	3.3
%RSD	.15096	.82826	.30348	.14717
#1	6182.1	100960.	9973.8	2261.6
#2	6169.2	100170.	9995.6	2255.2
#3	6187.3	101840.	9935.9	2260.2

Zoom In Zoom Out

Sample Name: MP52429-MB1 Acquired: 1/29/2025 16:09:02 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0605**	**-.0009**	**.0012**	**.0003**	**.0001**	**-.0011**	**.1194**	**.0002**
Stddev	.0003	.0068	.0004	.0006	.0003	.0001	.0003	.0043	.0003
%RSD	80.09	11.24	46.48	51.68	80.73	52.06	26.56	3.590	157.2
#1	.0000	.0601	-.0008	.0017	.0000	.0001	-.0014	.1230	.0001
#2	.0006	.0539	-.0014	.0005	.0004	.0002	-.0009	.1146	-.0000
#3	.0004	.0675	-.0006	.0013	.0006	.0001	-.0010	.1204	.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0063**	**-.0000**	**.0006**	**-.0004**	**.0120**	**.0088**	**.0003**	**.0219**	**.0012**
Stddev	.0036	.0000	.0004	.0003	.0010	.0172	.0015	.0115	.0000
%RSD	56.31	1583.	63.06	78.12	7.943	194.3	447.3	52.32	2.848
#1	-.0023	.0000	.0002	-.0005	.0131	.0062	.0021	.0109	.0011
#2	-.0075	-.0001	.0008	-.0000	.0115	.0272	-.0004	.0337	.0011
#3	-.0092	.0000	.0009	-.0006	.0114	-.0069	-.0007	.0211	.0012

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.3056**	**.0015**	**.0064**	**.0001**	**.0638**	**.0004**	**.0001**	**.0006**
Stddev	.0002	.0114	.0002	.0007	.0007	.0024	.0025	.0026	.0004
%RSD	71.72	3.744	14.87	11.60	872.8	3.776	672.7	1903.	68.43
#1	-.0005	.2930	.0013	.0058	.0003	.0611	-.0025	-.0014	.0009
#2	-.0001	.3154	.0017	.0061	-.0007	.0657	.0017	-.0014	.0005
#3	-.0002	.3084	.0015	.0072	.0006	.0647	.0019	.0032	.0002

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0002**	**-.0003**	**.0014**	**.0000**	**.0016**	**.0727**	**-.0001**
Stddev	.0005	.0001	.0003	.0004	.0001	.0015	.0003	.0003
%RSD	275.8	27.15	89.39	30.13	904.8	92.10	.3756	195.4
#1	.0002	.0003	-.0003	.0009	-.0001	.0032	.0729	.0001
#2	.0006	.0003	-.0005	.0018	.0000	.0002	.0724	-.0000
#3	-.0003	.0002	-.0000	.0015	.0001	.0015	.0728	-.0004

Zoom In Zoom Out

Sample Name: MP52429-MB1 Acquired: 1/29/2025 16:09:02 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6247.4**	**102110.**	**10106.**	**2284.3**
Stddev	16.2	499.	37.	7.5
%RSD	.25950	.48875	.37009	.32763
#1	6236.0	101930.	10080.	2277.7
#2	6240.3	101720.	10088.	2282.8
#3	6266.0	102670.	10149.	2292.4

Zoom In Zoom Out

Sample Name: MP52429-B1 Acquired: 1/29/2025 16:13:56 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2543**	**24.87**	**1.961**	**1.977**	**1.960**	**2.011**	**.0060**	**25.36**
Stddev	.0006	.07	.008	.007	.003	.004	.0007	.05
%RSD	.2342	.2870	.4303	.3438	.1568	.1820	12.29	.1927
#1	.2550	24.79	1.971	1.983	1.956	2.007	.0052	25.30
#2	.2540	24.92	1.959	1.970	1.962	2.013	.0061	25.39
#3	.2539	24.90	1.954	1.977	1.961	2.014	.0067	25.39

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.010**	**.0111**	**1.990**	**2.024**	**1.966**	**25.30**	**24.57**	**.0069**
Stddev	.004	.0010	.003	.002	.002	.06	.12	.0012
%RSD	.1966	9.097	.1247	.0934	.1230	.2470	.5080	16.98
#1	2.014	.0100	1.993	2.026	1.965	25.23	24.43	.0075
#2	2.006	.0114	1.989	2.023	1.968	25.32	24.64	.0077
#3	2.009	.0120	1.988	2.022	1.963	25.35	24.65	.0055

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.79**	**2.100**	**2.054**	**24.89**	**2.026**	**1.963**	**2.038**	**.0235**
Stddev	.08	.004	.005	.04	.003	.006	.004	.0018
%RSD	.3056	.1834	.2626	.1541	.1341	.3135	.1759	7.523
#1	24.72	2.104	2.060	24.84	2.029	1.969	2.042	.0253
#2	24.79	2.096	2.050	24.91	2.026	1.957	2.037	.0235
#3	24.87	2.098	2.053	24.91	2.024	1.962	2.035	.0217

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.032**	**2.011**	**-.0291**	**2.082**	**1.941**	**2.047**	W **1.834**	**2.044**
Stddev	.004	.005	.0017	.004	.003	.004	.004	.003
%RSD	.2178	.2713	5.793	.2006	.1576	.1826	.2028	.1301
#1	2.035	2.011	-.0297	2.087	1.938	2.051	1.830	2.047
#2	2.033	2.005	-.0304	2.081	1.942	2.044	1.833	2.042
#3	2.027	2.016	-.0272	2.079	1.943	2.045	1.838	2.043

Zoom In Zoom Out

Sample Name: MP52429-B1 Acquired: 1/29/2025 16:13:56 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**2.005**	**2.037**	**2.058**
Stddev	.004	.005	.003
%RSD	.1740	.2632	.1311
#1	2.008	2.043	2.061
#2	2.005	2.033	2.057
#3	2.001	2.034	2.056

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5941.7**	**99951.**	**9979.3**	**2249.6**
Stddev	10.2	54.	37.2	5.5
%RSD	.17102	.05439	.37314	.24565
#1	5932.1	99913.	10018.	2243.4
#2	5940.8	100010.	9976.5	2251.3
#3	5952.3	99928.	9943.5	2254.0

Zoom In Zoom Out

Sample Name: MP52429-S1 Acquired: 1/29/2025 16:18:33 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2555**	**24.88**	**1.989**	**2.038**	**1.951**	**2.003**	**.0077**	**30.62**
Stddev	.0005	.08	.005	.004	.002	.001	.0009	.04
%RSD	.2015	.3167	.2435	.2218	.0932	.0644	11.22	.1213
#1	.2561	24.88	1.994	2.042	1.952	2.005	.0087	30.66
#2	.2553	24.95	1.990	2.039	1.953	2.003	.0073	30.61
#3	.2552	24.80	1.984	2.033	1.949	2.002	.0071	30.58

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.019**	**.0190**	**2.015**	**1.988**	**1.968**	**25.09**	**107.4**	**.0134**
Stddev	.005	.0020	.005	.002	.004	.02	.1	.0023
%RSD	.2741	10.30	.2460	.0860	.1999	.0810	.0518	16.94
#1	2.022	.0204	2.016	1.988	1.969	25.10	107.4	.0125
#2	2.022	.0168	2.018	1.990	1.971	25.10	107.3	.0117
#3	2.012	.0199	2.009	1.987	1.963	25.06	107.4	.0160

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**31.53**	**2.079**	**2.019**	W **241.3**	**2.047**	**2.009**	**2.042**	**20.32**
Stddev	.12	.001	.006	.9	.003	.007	.002	.06
%RSD	.3834	.0661	.3167	.3731	.1358	.3681	.1009	.2777
#1	31.66	2.080	2.024	240.4	2.049	2.009	2.043	20.34
#2	31.52	2.079	2.021	241.4	2.049	2.016	2.043	20.37
#3	31.42	2.077	2.012	242.1	2.044	2.001	2.039	20.26

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.024**	**2.031**	**4.552**	**2.028**	**1.961**	**2.025**	W **1.789**	**2.027**
Stddev	.003	.004	.014	.007	.002	.004	.005	.002
%RSD	.1703	.1959	.3103	.3453	.0884	.1732	.3069	.1095
#1	2.023	2.035	4.562	2.033	1.961	2.029	1.795	2.029
#2	2.028	2.031	4.559	2.030	1.963	2.025	1.789	2.027
#3	2.021	2.028	4.536	2.020	1.960	2.022	1.784	2.025

Zoom In Zoom Out

Sample Name: MP52429-S1 Acquired: 1/29/2025 16:18:33 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.952**	**2.036**	**2.041**
Stddev	.009	.005	.002
%RSD	.4609	.2513	.1188
#1	1.956	2.041	2.042
#2	1.958	2.037	2.042
#3	1.942	2.031	2.038

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5655.2**	**98649.**	**10139.**	**2213.2**
Stddev	10.5	33.	51.	6.7
%RSD	.18540	.03297	.50642	.30157
#1	5645.2	98655.	10080.	2206.7
#2	5654.2	98614.	10173.	2212.8
#3	5666.1	98678.	10163.	2220.0

Zoom In Zoom Out

Sample Name: MP52429-S2 Acquired: 1/29/2025 16:23:16 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2541**	**25.42**	**2.000**	**2.033**	**1.933**	**1.987**	**.0054**	**30.51**
Stddev	.0007	.04	.004	.003	.004	.005	.0015	.07
%RSD	.2647	.1652	.2091	.1435	.2215	.2583	27.23	.2378
#1	.2548	25.46	2.003	2.035	1.938	1.992	.0052	30.59
#2	.2541	25.37	1.995	2.035	1.929	1.981	.0070	30.45
#3	.2535	25.42	2.001	2.030	1.933	1.987	.0041	30.50

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.010**	**.0180**	**2.005**	**1.972**	**1.950**	**24.86**	**107.9**	**.0135**
Stddev	.003	.0032	.004	.002	.001	.05	.3	.0006
%RSD	.1444	17.87	.2054	.1127	.0395	.1865	.2776	4.621
#1	2.013	.0185	2.007	1.973	1.949	24.91	108.1	.0129
#2	2.008	.0146	2.007	1.970	1.949	24.81	107.5	.0134
#3	2.008	.0210	2.000	1.974	1.951	24.86	108.0	.0142

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**31.36**	**2.063**	**2.028**	W **244.2**	**2.033**	**2.003**	**2.025**	**20.52**
Stddev	.09	.002	.004	1.3	.004	.001	.002	.05
%RSD	.2980	.1177	.2077	.5379	.1742	.0650	.1205	.2230
#1	31.45	2.065	2.032	245.0	2.035	2.004	2.028	20.56
#2	31.27	2.060	2.029	242.7	2.036	2.002	2.025	20.51
#3	31.35	2.063	2.024	244.9	2.029	2.003	2.023	20.47

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.034**	**2.026**	**4.618**	**2.041**	**1.946**	**2.034**	W **1.777**	**2.011**
Stddev	.004	.005	.004	.004	.004	.003	.001	.003
%RSD	.1744	.2268	.0957	.1947	.1977	.1255	.0254	.1254
#1	2.038	2.027	4.622	2.046	1.949	2.033	1.777	2.013
#2	2.034	2.030	4.617	2.039	1.942	2.032	1.778	2.008
#3	2.031	2.021	4.613	2.039	1.946	2.037	1.777	2.013

Zoom In Zoom Out

Sample Name: MP52429-S2 Acquired: 1/29/2025 16:23:16 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.957**	**2.028**	**2.050**
Stddev	.002	.002	.002
%RSD	.0862	.0811	.0773
#1	1.959	2.030	2.050
#2	1.956	2.028	2.049
#3	1.957	2.026	2.052

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5641.0**	**98855.**	**10110.**	**2206.8**
Stddev	8.5	305.	53.	3.1
%RSD	.15044	.30874	.51985	.14240
#1	5632.2	98663.	10064.	2203.3
#2	5641.6	99207.	10167.	2207.9
#3	5649.2	98694.	10098.	2209.3

Zoom In Zoom Out

Sample Name: JE4718-1F Acquired: 1/29/2025 16:27:58 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0021**	**.0006**	**.0711**	**.0048**	**.0002**	**-.0005**	**5.249**
Stddev	.0003	.0088	.0002	.0008	.0001	.0000	.0009	.006
%RSD	37.24	419.6	32.23	1.119	2.967	9.770	168.0	.1135
#1	.0007	-.0079	.0004	.0716	.0049	.0002	.0003	5.253
#2	.0005	.0089	.0008	.0702	.0047	.0001	-.0005	5.253
#3	.0011	.0053	.0006	.0714	.0047	.0001	-.0015	5.243

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0052**	**.0001**	**.0003**	**.0004**	**.0220**	**78.89**	**.0059**
Stddev	.0001	.0022	.0004	.0002	.0004	.0009	.06	.0010
%RSD	150.2	41.85	638.7	70.13	104.4	4.271	.0787	16.30
#1	-.0002	-.0030	.0003	.0005	.0007	.0229	78.96	.0052
#2	-.0001	-.0054	.0002	.0001	.0005	.0210	78.84	.0055
#3	.0000	-.0074	-.0004	.0002	-.0001	.0221	78.88	.0070

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.954**	**.0148**	**.0012**	W **208.4**	**.0012**	**.0215**	**-.0003**	**19.89**
Stddev	.043	.0001	.0003	.1	.0006	.0008	.0017	.06
%RSD	.6161	.4260	24.18	.0556	49.87	3.866	512.6	.2872
#1	7.002	.0148	.0015	208.3	.0019	.0222	.0015	19.86
#2	6.920	.0149	.0013	208.3	.0009	.0206	-.0006	19.86
#3	6.940	.0147	.0009	208.5	.0008	.0218	-.0018	19.96

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0015**	**4.465**	**-.0008**	**.0326**	**-.0006**	**-.0042**	**.0002**	
Stddev	.0015	.0006	.017	.0016	.0002	.0001	.0029	.0001
%RSD	205.7	41.26	.3814	194.9	.4990	19.83	69.94	35.94
#1	-.0004	.0009	4.462	-.0026	.0326	-.0006	-.0056	.0003
#2	.0006	.0021	4.450	.0000	.0324	-.0005	-.0061	.0003
#3	-.0023	.0014	4.484	.0002	.0327	-.0008	-.0008	.0001

Zoom In Zoom Out

Sample Name: JE4718-1F Acquired: 1/29/2025 16:27:58 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0063**	**.0014**	**-.0035**
Stddev	.0013	.0002	.0002
%RSD	20.46	15.79	5.541
#1	.0071	.0017	-.0033
#2	.0048	.0013	-.0035
#3	.0068	.0013	-.0036

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5745.3**	**99591.**	**10081.**	**2199.0**
Stddev	10.7	215.	40.	5.6
%RSD	.18627	.21628	.39573	.25627
#1	5748.6	99465.	10035.	2200.3
#2	5753.9	99468.	10098.	2203.8
#3	5733.3	99840.	10109.	2192.8

Zoom In Zoom Out

Sample Name: MP52429-SD1 Acquired: 1/29/2025 16:32:59 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0031**	**-.0116**	**-.0032**	**.0805**	**.0053**	**-.0001**	**-.0069**	**5.319**	**-.0005**
Stddev	.0017	.0503	.0071	.0007	.0015	.0005	.0039	.008	.0013
%RSD	55.54	434.1	222.2	.8446	28.88	499.5	55.56	.1570	268.5
#1	.0025	.0458	.0048	.0809	.0035	-.0003	-.0058	5.310	-.0011
#2	.0017	-.0484	-.0055	.0797	.0061	-.0005	-.0037	5.326	-.0014
#3	.0050	-.0321	-.0087	.0808	.0062	.0005	-.0112	5.321	.0010

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0143**	**-.0017**	**.0005**	**.0002**	**.0093**	**75.91**	**.0114**	**7.115**	**.0153**
Stddev	.0020	.0015	.0012	.0013	.0083	.50	.0028	.131	.0001
%RSD	14.14	93.13	224.5	842.1	88.77	.6611	24.69	1.841	.7163
#1	-.0120	-.0003	.0019	.0015	.0120	75.78	.0144	7.084	.0154
#2	-.0159	-.0033	-.0005	.0001	.0000	75.49	.0089	7.259	.0152
#3	-.0151	-.0014	.0002	-.0011	.0159	76.46	.0108	7.003	.0152

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**212.0**	**.0025**	**.0261**	**-.0023**	**19.40**	**-.0030**	**-.0017**	**4.502**
Stddev	.0021	.2	.0003	.0114	.0060	.06	.0018	.0015	.015
%RSD	543.8	.0717	13.04	43.85	263.0	.3241	58.38	88.19	.3238
#1	-.0020	212.1	.0028	.0361	-.0054	19.40	-.0041	-.0012	4.499
#2	.0018	212.1	.0025	.0136	.0046	19.46	-.0040	-.0034	4.518
#3	.0014	211.9	.0022	.0286	-.0061	19.33	-.0010	-.0006	4.490

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0045**	**.0340**	**-.0013**	**.0037**	**.0011**	**.0041**	**-.0000**	**-.0039**
Stddev	.0070	.0015	.0021	.0157	.0002	.0098	.0010	.0006
%RSD	155.2	4.414	153.3	420.8	15.43	241.1	11180.	15.38
#1	-.0029	.0349	.0007	.0073	.0009	.0018	.0011	-.0034
#2	.0111	.0349	-.0034	.0174	.0012	.0148	-.0005	-.0045
#3	.0053	.0323	-.0013	-.0135	.0012	-.0044	-.0006	-.0037

Zoom In Zoom Out

Sample Name: MP52429-SD1 Acquired: 1/29/2025 16:32:59 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6047.3**	**100950.**	**9971.4**	**2243.7**
Stddev	6.4	431.	62.7	3.0
%RSD	.10634	.42704	.62879	.13184
#1	6039.9	101100.	9899.1	2240.3
#2	6051.7	100470.	10005.	2245.1
#3	6050.3	101290.	10010.	2245.7

Zoom In Zoom Out

Sample Name: JE4724-1 Acquired: 1/29/2025 16:37:52 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**2.384**	**.0027**	**.0281**	**.1904**	**.0001**	**.0324**	**20.61**	**.0004**
Stddev	.0004	.009	.0015	.0020	.0003	.0001	.0008	.02	.0004
%RSD	50.56	.3968	54.11	6.952	.1545	47.88	2.564	.0921	100.2
#1	.0004	2.390	.0031	.0301	.1906	.0001	.0331	20.60	.0009
#2	.0008	2.389	.0011	.0262	.1905	.0001	.0325	20.60	.0003
#3	.0012	2.373	.0039	.0280	.1901	.0002	.0315	20.63	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0073**	**.0005**	**.0065**	**.7891**	**7.572**	**12.91**	**.0030**	**3.504**	**.0916**
Stddev	.0007	.0003	.0002	.0007	.013	.08	.0012	.007	.0004
%RSD	9.372	63.26	2.548	.0896	.1654	.6268	39.46	.2122	.4009
#1	.0079	.0006	.0064	.7887	7.565	12.99	.0035	3.513	.0915
#2	.0066	.0002	.0064	.7899	7.565	12.83	.0038	3.502	.0921
#3	.0073	.0009	.0067	.7887	7.587	12.93	.0016	3.499	.0914

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0031**	**34.04**	**.0156**	**6.421**	**.0075**	**7.467**	**.0007**	**.0027**	**4.379**
Stddev	.0001	.01	.0004	.018	.0005	.024	.0021	.0021	.008
%RSD	2.312	.0347	2.834	.2741	7.105	.3260	308.0	78.06	.1891
#1	.0032	34.05	.0158	6.413	.0081	7.458	-.0015	.0011	4.379
#2	.0031	34.03	.0158	6.442	.0072	7.494	.0009	.0018	4.387
#3	.0032	34.05	.0151	6.410	.0071	7.448	.0027	.0050	4.370

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048**	**.0970**	**.0706**	**.0015**	**.0058**	**.0073**	**1.106**	**-.0019**
Stddev	.0005	.0001	.0005	.0009	.0002	.0008	.002	.0001
%RSD	10.81	.0603	.7044	57.94	3.737	11.49	.1400	5.718
#1	.0054	.0969	.0702	.0017	.0060	.0081	1.107	-.0018
#2	.0046	.0970	.0712	.0006	.0057	.0075	1.105	-.0020
#3	.0044	.0971	.0705	.0023	.0056	.0064	1.105	-.0020

Zoom In Zoom Out

Sample Name: JE4724-1 Acquired: 1/29/2025 16:37:52 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6070.7**	**101520.**	**10232.**	**2284.7**
Stddev	13.4	653.	18.	4.0
%RSD	.22117	.64329	.17952	.17303
#1	6061.5	101510.	10219.	2281.3
#2	6064.5	100880.	10225.	2283.8
#3	6086.1	102180.	10253.	2289.1

Zoom In Zoom Out

Sample Name: JE4724-2 Acquired: 1/29/2025 16:42:40 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0025**	**.1052**	**.0008**	**.0226**	**.0191**	**-.0000**	**-.0017**	**10.31**	**.0007**
Stddev	.0022	.0128	.0006	.0001	.0004	.0000	.0021	.02	.0002
%RSD	89.53	12.20	70.26	.3367	2.222	64.66	122.1	.2291	28.51
#1	-.0037	.1160	.0002	.0225	.0192	-.0000	-.0022	10.30	.0005
#2	-.0039	.1087	.0012	.0225	.0194	-.0000	-.0037	10.31	.0008
#3	.0001	.0910	.0011	.0227	.0186	-.0001	.0006	10.34	.0008

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0073**	**.0004**	**.0096**	**.2989**	**.7224**	**14.52**	**.0015**	**3.286**	**.0478**
Stddev	.0040	.0002	.0021	.0546	.0039	.07	.0006	.028	.0084
%RSD	54.00	51.31	22.01	18.27	.5393	.5102	39.06	.8395	17.48
#1	-.0032	.0004	.0108	.3292	.7186	14.44	.0018	3.268	.0524
#2	-.0076	.0007	.0108	.3317	.7222	14.55	.0008	3.272	.0528
#3	-.0111	.0003	.0072	.2359	.7263	14.59	.0019	3.318	.0381

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**54.43**	**.0066**	**6.607**	**.0063**	**5.939**	**.0060**	**-.0010**	**4.319**
Stddev	.0002	.12	.0005	.059	.0004	.058	.0016	.0005	.044
%RSD	56.59	.2171	7.893	.9008	6.988	.9820	27.27	49.59	1.014
#1	.0006	54.30	.0070	6.661	.0067	5.996	.0064	-.0011	4.359
#2	.0002	54.44	.0067	6.616	.0065	5.942	.0073	-.0004	4.326
#3	.0004	54.53	.0060	6.543	.0058	5.880	.0041	-.0013	4.272

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0049**	**.0653**	**.0045**	**.0021**	**.0003**	**.0023**	**.1198**	**-.0001**
Stddev	.0006	.0002	.0008	.0007	.0008	.0018	.0012	.0022
%RSD	12.50	.3418	18.51	34.08	277.8	79.20	.9647	1749.
#1	.0056	.0654	.0050	.0017	.0011	.0019	.1209	.0011
#2	.0048	.0655	.0050	.0030	-.0004	.0008	.1199	.0012
#3	.0044	.0651	.0036	.0017	.0001	.0044	.1186	-.0027

Zoom In Zoom Out

Sample Name: JE4724-2 Acquired: 1/29/2025 16:42:40 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6065.7**	*****	**10115.**	**2270.1**
Stddev	36.1	-----	89.	15.2
%RSD	.59507	-----	.88071	.67037
#1	6028.1	-----	10197.	2255.7
#2	6068.9	-----	10128.	2268.8
#3	6100.1	100250.	10020.	2286.0

Inst QC: MA57795

Zoom In Zoom Out

Sample Name: JE4724-3 Acquired: 1/29/2025 16:47:29 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.1168**	**.0030**	**.0318**	**.0214**	**-.0000**	**-.0002**	**16.84**	**.0006**
Stddev	.0003	.0153	.0006	.0011	.0004	.0001	.0015	.01	.0002
%RSD	42.74	13.08	18.70	3.337	1.857	354.8	663.2	.0467	28.03
#1	.0003	.0996	.0024	.0329	.0211	.0001	.0011	16.84	.0004
#2	.0007	.1288	.0031	.0308	.0218	-.0001	-.0019	16.84	.0008
#3	.0008	.1219	.0035	.0317	.0212	-.0000	.0001	16.83	.0007

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**-.0000**	**.0039**	**.2040**	**.4391**	**21.80**	**.0025**	**4.395**	**.0402**
Stddev	.0022	.0003	.0003	.0002	.0014	.03	.0026	.017	.0001
%RSD	161.1	2400.	8.402	.0996	.3233	.1406	104.7	.3942	.1513
#1	-.0007	-.0003	.0036	.2041	.4379	21.77	.0033	4.414	.0402
#2	.0011	.0003	.0042	.2037	.4407	21.79	.0046	4.390	.0401
#3	.0037	-.0000	.0038	.2041	.4387	21.83	-.0004	4.381	.0403

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**74.50**	**.0063**	**F 8.993**	**.0044**	**9.435**	**.0051**	**.0009**	**4.986**
Stddev	.0001	.06	.0004	.059	.0004	.063	.0012	.0025	.030
%RSD	38.94	.0820	5.829	.6542	8.098	.6634	24.24	266.2	.5941
#1	.0004	74.43	.0060	9.009	.0048	9.445	.0052	-.0017	4.996
#2	.0002	74.52	.0061	9.042	.0042	9.491	.0039	.0033	5.010
#3	.0002	74.55	.0067	8.928	.0043	9.368	.0064	.0013	4.953

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0042**	**.0892**	**.0026**	**-.0052**	**.0009**	**.0052**	**.0747**	**-.0034**
Stddev	.0012	.0001	.0006	.0012	.0002	.0018	.0006	.0002
%RSD	29.84	.1284	24.35	22.42	19.97	34.36	.8693	6.363
#1	.0051	.0891	.0032	-.0051	.0011	.0063	.0751	-.0032
#2	.0047	.0891	.0020	-.0040	.0007	.0061	.0750	-.0036
#3	.0028	.0893	.0027	-.0063	.0009	.0031	.0739	-.0035

Zoom In Zoom Out

Sample Name: JE4724-3 Acquired: 1/29/2025 16:47:29 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5983.1**	**100470.**	**10134.**	**2249.5**
Stddev	34.7	377.	39.	14.4
%RSD	.57973	.37565	.38722	.63944
#1	5964.0	100040.	10096.	2242.3
#2	5962.2	100640.	10130.	2240.2
#3	6023.2	100740.	10174.	2266.1

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 16:52:18 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2507**	**39.97**	**1.992**	**2.030**	**1.968**	**2.018**	**2.062**	**40.68**	**2.034**
Stddev	.0004	.01	.004	.003	.002	.001	.002	.01	.001
%RSD	.1410	.0372	.1887	.1281	.0820	.0608	.0844	.0297	.0312
#1	.2509	39.98	1.996	2.027	1.968	2.019	2.064	40.67	2.035
#2	.2509	39.96	1.991	2.030	1.967	2.019	2.061	40.67	2.033
#3	.2503	39.98	1.989	2.032	1.970	2.017	2.062	40.69	2.034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.054**	**2.013**	**2.029**	**1.962**	**40.35**	**39.81**	**1.982**	**40.20**	**2.074**
Stddev	.002	.004	.002	.003	.04	.04	.001	.01	.001
%RSD	.0904	.1748	.1130	.1419	.1052	.1010	.0473	.0343	.0317
#1	2.056	2.015	2.028	1.960	40.30	39.79	1.981	40.19	2.074
#2	2.052	2.015	2.032	1.965	40.36	39.79	1.983	40.21	2.073
#3	2.055	2.009	2.027	1.962	40.39	39.86	1.982	40.21	2.074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.012**	**40.01**	**2.024**	**1.991**	**2.024**	**1.996**	**2.004**	**2.003**	**4.917**
Stddev	.002	.04	.001	.002	.002	.008	.003	.005	.005
%RSD	.0833	.0939	.0500	.0758	.1018	.3870	.1387	.2356	.1006
#1	2.014	39.97	2.025	1.992	2.024	2.003	2.006	2.008	4.922
#2	2.013	40.04	2.025	1.990	2.026	1.998	2.001	2.004	4.914
#3	2.011	40.02	2.023	1.990	2.021	1.988	2.006	1.998	4.914
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 16:52:18 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.067**	**1.993**	**2.039**	**2.063**	**2.029**	**2.021**	**2.055**	**2.045**
Stddev	.002	.001	.003	.004	.002	.002	.001	.001
%RSD	.0985	.0586	.1302	.2041	.1005	.1121	.0222	.0642
#1	2.066	1.994	2.040	2.065	2.030	2.024	2.054	2.044
#2	2.069	1.994	2.036	2.066	2.027	2.021	2.055	2.045
#3	2.066	1.992	2.041	2.058	2.030	2.019	2.055	2.046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5883.4**	**98938.**	**9990.5**	**2252.5**
Stddev	8.5	117.	49.7	1.3
%RSD	.14364	.11831	.49711	.05884
#1	5883.3	98807.	10047.	2253.4
#2	5875.0	99034.	9968.0	2251.0
#3	5891.9	98972.	9956.0	2253.2

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 16:56:53 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0043**	**-.0001**	**.0007**	**.0003**	**.0000**	**.0003**	**.0088**	**.0000**
Stddev	.0001	.0024	.0009	.0013	.0003	.0001	.0008	.0026	.0001
%RSD	59.81	55.24	971.5	185.7	106.9	1840.	302.8	29.16	3319.
#1	.0004	.0019	-.0009	.0018	.0006	.0001	.0008	.0060	-.0001
#2	.0001	.0066	-.0002	-.0007	.0000	.0000	-.0007	.0111	.0002
#3	.0002	.0043	.0008	.0010	.0002	-.0001	.0008	.0093	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0081**	**.0004**	**.0002**	**-.0003**	**.0021**	**.0085**	**.0020**	**-.0141**	**.0001**
Stddev	.0038	.0005	.0002	.0002	.0015	.0430	.0012	.0041	.0000
%RSD	47.10	142.5	95.18	61.48	70.35	506.5	60.06	29.01	21.22
#1	-.0061	.0006	.0003	-.0001	.0038	-.0232	.0017	-.0114	.0001
#2	-.0125	-.0002	.0002	-.0004	.0019	.0575	.0034	-.0120	.0002
#3	-.0056	.0008	.0000	-.0005	.0008	-.0088	.0010	-.0188	.0002
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**.0312**	**.0004**	**.0007**	**.0003**	**.0022**	**-.0021**	**.0008**	**.0015**
Stddev	.0003	.0145	.0004	.0021	.0016	.0027	.0009	.0016	.0005
%RSD	1733.	46.64	88.85	306.4	494.6	120.5	42.95	200.2	34.29
#1	-.0001	.0206	.0002	-.0007	.0003	.0053	-.0028	.0019	.0010
#2	-.0003	.0478	.0009	-.0004	-.0013	.0008	-.0022	.0015	.0016
#3	.0003	.0251	.0003	.0031	.0020	.0006	-.0011	-.0010	.0020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 16:56:53 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**-.0000**	**.0001**	**-.0051**	**.0001**	**.0002**	**.0005**	**.0001**
Stddev	.0007	.0001	.0001	.0022	.0002	.0009	.0001	.0002
%RSD	27950.	3406.	197.6	42.76	191.3	395.9	19.22	125.3
#1	-.0003	.0000	.0002	-.0027	.0002	.0000	.0005	.0001
#2	.0008	.0000	-.0001	-.0056	.0003	.0012	.0006	-.0000
#3	-.0005	-.0001	.0001	-.0069	-.0001	-.0005	.0004	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6317.7**	**102770.**	**10099.**	**2314.1**
Stddev	9.7	711.	77.	3.3
%RSD	.15309	.69133	.76611	.14460
#1	6315.1	102200.	10182.	2311.9
#2	6309.5	102550.	10088.	2312.5
#3	6328.4	103570.	10029.	2318.0

Zoom In Zoom Out

Sample Name: JE4724-4 Acquired: 1/29/2025 17:01:49 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0644**	**.0013**	**.0343**	**.0232**	**-.0000**	**-.0016**	**18.46**	**.0003**
Stddev	.0001	.0184	.0002	.0003	.0006	.0001	.0011	.04	.0003
%RSD	35.74	28.63	12.96	.7453	2.676	344.5	70.08	.2156	99.73
#1	.0004	.0815	.0013	.0343	.0225	-.0000	-.0029	18.48	.0002
#2	.0005	.0449	.0011	.0346	.0236	.0001	-.0014	18.48	.0001
#3	.0002	.0668	.0015	.0341	.0236	-.0001	-.0006	18.41	.0007

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0024**	**-.0003**	**.0035**	**.1950**	**.4107**	**21.80**	**.0028**	**4.488**	**.0445**
Stddev	.0035	.0005	.0001	.0003	.0024	.08	.0003	.024	.0001
%RSD	148.4	199.8	3.184	.1742	.5752	.3837	9.777	.5272	.1280
#1	.0012	-.0008	.0035	.1946	.4117	21.82	.0026	4.515	.0444
#2	-.0026	.0003	.0036	.1952	.4124	21.86	.0031	4.471	.0446
#3	-.0058	-.0003	.0034	.1952	.4080	21.70	.0028	4.478	.0445

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**69.91**	**.0063**	**F 9.071**	**.0039**	**5.600**	**.0046**	**.0013**	**5.289**
Stddev	.0003	.04	.0004	.017	.0005	.006	.0011	.0044	.017
%RSD	46.90	.0539	6.173	.1838	13.86	.1087	23.22	345.4	.3284
#1	.0003	69.88	.0064	9.077	.0044	5.607	.0034	-.0037	5.299
#2	.0008	69.95	.0066	9.084	.0033	5.598	.0053	.0045	5.298
#3	.0005	69.91	.0059	9.052	.0041	5.595	.0050	.0030	5.269

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0035**	**.1082**	**.0011**	**-.0047**	**.0007**	**.0047**	**.0678**	**-.0038**
Stddev	.0006	.0003	.0004	.0015	.0003	.0007	.0002	.0001
%RSD	16.60	.3049	32.95	32.20	38.30	15.01	.3061	3.745
#1	.0034	.1084	.0016	-.0051	.0007	.0055	.0680	-.0040
#2	.0042	.1078	.0008	-.0059	.0010	.0040	.0677	-.0038
#3	.0030	.1083	.0010	-.0030	.0005	.0047	.0676	-.0037

Zoom In Zoom Out

Sample Name: JE4724-4 Acquired: 1/29/2025 17:01:49 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6069.9**	**102940.**	**10218.**	**2287.8**
Stddev	7.7	507.	28.	5.1
%RSD	.12645	.49205	.27861	.22283
#1	6061.2	103500.	10227.	2282.0
#2	6075.8	102820.	10187.	2289.6
#3	6072.8	102500.	10241.	2291.7

Zoom In Zoom Out

Sample Name: JE4701-1F Acquired: 1/29/2025 17:06:39 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0114**	**-.0072**	**.0064**	**.1778**	**.0303**	**.0002**	F **-.0273**	**194.6**
Stddev	.0002	.0100	.0020	.0008	.0005	.0000	.0022	2.0
%RSD	1.723	139.2	31.70	.4645	1.616	23.99	8.045	1.042
#1	-.0116	-.0175	.0066	.1787	.0300	.0001	-.0249	196.8
#2	-.0112	.0025	.0084	.1771	.0309	.0002	-.0292	194.3
#3	-.0115	-.0065	.0043	.1776	.0300	.0002	-.0279	192.8

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.1647**	**-.0042**	**-.0004**	**.0226**	F **483.2**	**11.56**	**.0439**
Stddev	.0003	.0039	.0006	.0002	.0004	6.9	.03	.0005
%RSD	46.29	2.364	14.75	58.18	1.865	1.422	.2660	1.214
#1	.0005	.1679	-.0042	-.0005	.0221	475.7	11.53	.0444
#2	.0010	.1603	-.0048	-.0005	.0230	489.3	11.57	.0441
#3	.0004	.1657	-.0035	-.0001	.0227	484.5	11.58	.0433

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.50**	F **9.377**	**.0009**	**106.5**	**-.0029**	**.1344**	**-.0023**	F **449.8**
Stddev	.01	.053	.0002	.1	.0003	.0007	.0013	.8
%RSD	.0521	.5639	26.76	.1179	9.862	.5335	56.47	.1785
#1	25.52	9.436	.0011	106.4	-.0026	.1340	-.0013	450.6
#2	25.51	9.333	.0006	106.6	-.0029	.1352	-.0037	449.0
#3	25.49	9.363	.0009	106.6	-.0032	.1339	-.0018	449.7

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0116**	**13.65**	**-.0045**	**.6918**	**-.0005**	**-.0001**	**-.0148**
Stddev	.0010	.0021	.02	.0009	.0003	.0001	.0028	.0007
%RSD	214.9	18.27	.1216	19.16	.0505	17.45	5409.	4.546
#1	.0014	.0092	13.67	-.0043	.6922	-.0006	.0011	-.0141
#2	-.0006	.0131	13.63	-.0037	.6916	-.0006	-.0032	-.0154
#3	.0006	.0124	13.66	-.0054	.6917	-.0004	.0020	-.0148

Zoom In Zoom Out

Sample Name: JE4701-1F Acquired: 1/29/2025 17:06:39 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0089**	**.0126**	**.0034**
Stddev	.0011	.0002	.0003
%RSD	12.58	1.409	8.679
#1	.0102	.0124	.0030
#2	.0083	.0127	.0036
#3	.0083	.0126	.0035

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6126.7**	**98436.**	**10001.**	**2161.1**
Stddev	4.4	853.	76.	2.9
%RSD	.07232	.86643	.76053	.13390
#1	6121.7	98691.	10084.	2158.8
#2	6130.1	99132.	9935.2	2164.3
#3	6128.3	97485.	9983.1	2160.1

Zoom In Zoom Out

Sample Name: JE4701-5F Acquired: 1/29/2025 17:11:54 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0113**	**-.0261**	**.0022**	**.0285**	**.3088**	**.0001**	F **-.0221**	**119.1**
Stddev	.0000	.0061	.0003	.0020	.0000	.0000	.0014	.3
%RSD	.4297	23.26	15.94	7.085	.0161	27.07	6.340	.2394
#1	-.0114	-.0330	.0021	.0308	.3089	.0001	-.0233	118.8
#2	-.0113	-.0241	.0019	.0277	.3089	.0001	-.0206	119.3
#3	-.0114	-.0213	.0025	.0270	.3088	.0001	-.0223	119.1

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.1136**	**-.0039**	**.0000**	**.0162**	F **357.4**	**9.376**	**.0304**
Stddev	.0006	.0025	.0006	.0002	.0007	4.5	.076	.0002
%RSD	200.8	2.226	14.42	594.8	4.039	1.254	.8156	.5625
#1	-.0004	.1130	-.0033	.0002	.0155	352.6	9.297	.0302
#2	.0006	.1164	-.0041	-.0000	.0168	361.5	9.382	.0305
#3	.0006	.1114	-.0044	-.0001	.0163	358.0	9.449	.0303

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**17.80**	**5.076**	**.0010**	**50.51**	**-.0024**	**.0621**	**-.0011**	**17.31**
Stddev	.06	.027	.0004	.04	.0000	.0006	.0022	.08
%RSD	.3183	.5293	40.75	.0871	1.352	.9864	198.4	.4654
#1	17.74	5.053	.0006	50.46	-.0023	.0625	-.0013	17.40
#2	17.86	5.105	.0010	50.52	-.0024	.0614	.0012	17.26
#3	17.81	5.069	.0014	50.54	-.0024	.0625	-.0032	17.27

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0053**	**9.632**	**-.0043**	**.6108**	**-.0007**	**.0029**	**-.0113**
Stddev	.0033	.0032	.033	.0009	.0004	.0001	.0009	.0003
%RSD	260.6	60.76	.3371	21.39	.0709	17.30	30.34	2.942
#1	.0012	.0082	9.669	-.0032	.6103	-.0007	.0022	-.0110
#2	.0000	.0019	9.610	-.0048	.6110	-.0009	.0027	-.0116
#3	-.0051	.0058	9.616	-.0048	.6111	-.0006	.0039	-.0114

Zoom In Zoom Out

Sample Name: JE4701-5F Acquired: 1/29/2025 17:11:54 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0067**	**.0026**	**.0027**
Stddev	.0013	.0002	.0004
%RSD	18.75	7.371	13.75
#1	.0080	.0026	.0023
#2	.0065	.0025	.0030
#3	.0055	.0028	.0026

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6187.7**	**100070.**	**9984.5**	**2230.5**
Stddev	10.6	70.	76.4	6.0
%RSD	.17137	.07021	.76542	.26810
#1	6177.1	100100.	10071.	2224.0
#2	6198.4	99988.	9925.3	2235.7
#3	6187.6	100120.	9957.4	2231.8

Zoom In Zoom Out

Sample Name: JE4718-1 Acquired: 1/29/2025 17:16:59 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0151**	**.0027**	**.0726**	**.0223**	**.0001**	**-.0005**	**11.21**
Stddev	.0004	.0132	.0004	.0011	.0003	.0001	.0005	.01
%RSD	136.8	87.56	14.98	1.480	1.320	96.38	118.6	.0946
#1	-.0001	.0253	.0029	.0734	.0225	.0000	-.0006	11.23
#2	.0000	.0002	.0023	.0714	.0223	.0001	-.0009	11.21
#3	-.0007	.0198	.0031	.0730	.0220	.0000	.0001	11.21

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0011**	**.0001**	**.0002**	**.0014**	**.6963**	**82.86**	**.0045**
Stddev	.0002	.0019	.0002	.0002	.0004	.0036	.10	.0010
%RSD	99.15	169.0	235.9	141.1	30.42	.5182	.1242	23.45
#1	-.0004	.0014	-.0001	.0001	.0012	.6993	82.91	.0055
#2	.0000	-.0009	.0000	.0005	.0019	.6923	82.74	.0044
#3	-.0004	.0028	.0003	.0000	.0011	.6972	82.93	.0034

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.594**	**.7566**	**.0009**	W **222.5**	**.0011**	**.0399**	**.0002**	**20.52**
Stddev	.045	.0020	.0003	3.0	.0003	.0008	.0009	.04
%RSD	.5275	.2621	33.02	1.361	23.87	1.927	366.7	.2106
#1	8.646	.7588	.0006	226.0	.0011	.0404	-.0007	20.50
#2	8.571	.7550	.0012	220.3	.0008	.0390	.0008	20.49
#3	8.565	.7560	.0008	221.4	.0013	.0402	.0006	20.57

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0029**	**4.848**	**-.0011**	**.0691**	**-.0005**	**-.0020**	**-.0001**	
Stddev	.0019	.0028	.014	.0012	.0001	.0005	.0026	.0002
%RSD	1253.	94.75	.2854	106.7	.1928	107.1	129.5	130.6
#1	-.0010	.0006	4.839	-.0013	.0693	.0001	-.0047	-.0003
#2	-.0010	.0060	4.840	.0002	.0690	-.0008	.0005	-.0001
#3	.0024	.0022	4.864	-.0022	.0691	-.0008	-.0019	.0000

Zoom In Zoom Out

Sample Name: JE4718-1 Acquired: 1/29/2025 17:16:59 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0044**	**.0006**	**-.0038**
Stddev	.0006	.0000	.0002
%RSD	14.58	8.050	4.546
#1	.0051	.0005	-.0038
#2	.0039	.0006	-.0036
#3	.0042	.0006	-.0040

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5844.9**	**100710.**	**10104.**	**2246.4**
Stddev	9.9	191.	45.	2.2
%RSD	.16894	.18929	.44377	.09907
#1	5835.1	100520.	10053.	2246.0
#2	5854.8	100710.	10122.	2248.8
#3	5844.9	100900.	10138.	2244.4

Zoom In Zoom Out

Sample Name: JE4718-2 Acquired: 1/29/2025 17:21:59 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**.0500**	**.0019**	**.0562**	**.0007**	**.0001**	**.0000**	**.8651**
Stddev	.0004	.0115	.0020	.0016	.0002	.0000	.0007	.0036
%RSD	895.5	22.91	103.8	2.845	27.79	36.34	6247.	.4182
#1	-.0004	.0592	.0030	.0568	.0009	.0001	-.0000	.8654
#2	.0003	.0537	.0031	.0574	.0005	.0001	-.0007	.8686
#3	-.0000	.0372	-.0004	.0544	.0007	.0001	.0007	.8613

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0099**	**.0001**	**.0006**	**.0004**	**.0318**	**86.62**	**.0080**
Stddev	.0001	.0019	.0001	.0002	.0003	.0027	.19	.0021
%RSD	180.1	18.85	99.50	37.19	78.83	8.391	.2220	25.55
#1	-.0001	-.0099	.0002	.0006	.0008	.0311	86.72	.0068
#2	-.0001	-.0117	-.0000	.0008	.0001	.0295	86.74	.0069
#3	.0001	-.0080	.0002	.0004	.0004	.0347	86.40	.0104

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5848**	**.0007**	**.0011**	W **222.6**	**.0012**	**.0310**	**-.0002**	**19.59**
Stddev	.0119	.0000	.0002	2.2	.0009	.0029	.0015	.06
%RSD	2.027	2.638	17.76	.9675	70.89	9.270	703.2	.2965
#1	.5927	.0008	.0013	225.0	.0014	.0301	-.0004	19.65
#2	.5906	.0007	.0009	220.7	.0003	.0287	.0014	19.55
#3	.5712	.0007	.0012	222.2	.0020	.0342	-.0017	19.56

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0006**	**3.280**	**-.0005**	**.0007**	**.0001**	**.0030**	**.0002**	
Stddev	.0006	.0012	.009	.0005	.0001	.0002	.0020	.0001
%RSD	334.4	206.4	.2696	98.55	8.707	362.8	64.56	68.20
#1	.0007	.0006	3.290	-.0005	.0007	-.0002	.0020	.0001
#2	.0003	-.0017	3.276	-.0009	.0007	.0001	.0018	.0002
#3	-.0004	-.0006	3.274	.0000	.0006	.0003	.0053	.0004

Zoom In Zoom Out

Sample Name: JE4718-2 Acquired: 1/29/2025 17:21:59 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0034**	**.0026**	**-.0025**
Stddev	.0017	.0001	.0000
%RSD	50.10	4.379	1.952
#1	.0044	.0025	-.0025
#2	.0043	.0027	-.0024
#3	.0014	.0025	-.0025

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5856.8**	**100860.**	**10118.**	**2247.1**
Stddev	20.8	249.	36.	10.9
%RSD	.35566	.24665	.35918	.48428
#1	5847.0	100600.	10082.	2241.9
#2	5842.7	101100.	10154.	2239.7
#3	5880.7	100880.	10117.	2259.5

Zoom In Zoom Out

Sample Name: JE4718-3 Acquired: 1/29/2025 17:27:01 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0551**	**.0010**	**.0548**	**.0006**	**.0001**	**-.0020**	**.8289**
Stddev	.0004	.0129	.0003	.0009	.0000	.0001	.0014	.0042
%RSD	336.4	23.40	28.53	1.567	2.967	127.3	70.10	.5122
#1	-.0005	.0416	.0009	.0557	.0006	.0002	-.0018	.8297
#2	.0000	.0565	.0013	.0548	.0006	.0000	-.0007	.8328
#3	.0002	.0672	.0008	.0540	.0006	.0000	-.0036	.8244

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0058**	**.0002**	**.0005**	**.0015**	**.0302**	**90.94**	**.0053**
Stddev	.0001	.0008	.0003	.0003	.0002	.0030	.10	.0008
%RSD	68.40	14.50	182.4	58.64	16.01	10.09	.1080	14.31
#1	.0001	-.0059	.0001	.0002	.0012	.0304	90.90	.0045
#2	.0001	-.0050	-.0001	.0007	.0017	.0332	91.05	.0052
#3	.0003	-.0066	.0005	.0005	.0016	.0271	90.87	.0060

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6080**	**.0006**	**.0009**	W **226.5**	**.0012**	**.0326**	**.0009**	**20.01**
Stddev	.0092	.0000	.0004	.6	.0008	.0009	.0014	.03
%RSD	1.508	6.806	44.32	.2617	68.08	2.640	157.5	.1737
#1	.6174	.0006	.0012	226.0	.0005	.0328	-.0003	20.03
#2	.5991	.0005	.0005	226.4	.0021	.0317	.0024	19.97
#3	.6075	.0006	.0008	227.1	.0010	.0334	.0006	20.04

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0031**	**3.335**	**-.0016**	**.0011**	**.0002**	**-.0030**	**.0007**
Stddev	.0024	.0015	.013	.0005	.0001	.0003	.0019	.0004
%RSD	469.0	46.70	.3751	33.03	5.856	175.7	63.83	54.29
#1	.0028	.0031	3.344	-.0015	.0011	.0005	-.0008	.0009
#2	.0007	.0017	3.321	-.0021	.0010	.0000	-.0041	.0009
#3	-.0020	.0046	3.339	-.0011	.0011	-.0000	-.0042	.0003

Zoom In Zoom Out

Sample Name: JE4718-3 Acquired: 1/29/2025 17:27:01 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0023**	**.0049**	**-.0026**
Stddev	.0011	.0001	.0001
%RSD	45.71	2.580	4.737
#1	.0034	.0050	-.0027
#2	.0013	.0047	-.0027
#3	.0022	.0049	-.0025

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5848.2**	**100160.**	**10077.**	**2246.3**
Stddev	2.2	311.	36.	1.1
%RSD	.03820	.31000	.35753	.04819
#1	5849.0	100180.	10092.	2245.6
#2	5849.9	100460.	10036.	2247.5
#3	5845.7	99844.	10103.	2245.7

Zoom In Zoom Out

Sample Name: JE4718-4 Acquired: 1/29/2025 17:32:03 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0862**	**.0016**	**.0543**	**.0011**	**.0001**	**-.0023**	**.8337**
Stddev	.0005	.0105	.0027	.0023	.0002	.0001	.0003	.0033
%RSD	259.4	12.12	163.8	4.152	17.15	69.57	13.87	.4000
#1	.0006	.0935	.0046	.0568	.0012	.0002	-.0020	.8360
#2	-.0003	.0742	-.0007	.0524	.0009	.0000	-.0022	.8298
#3	.0003	.0908	.0011	.0537	.0013	.0001	-.0026	.8351

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**-.0056**	**.0003**	**.0008**	**.0868**	**.0429**	**95.65**	**.0048**
Stddev	.0002	.0010	.0002	.0002	.0004	.0020	.46	.0013
%RSD	631.9	18.49	69.47	24.92	.4504	4.583	.4796	28.27
#1	.0002	-.0061	.0005	.0009	.0872	.0447	95.87	.0048
#2	-.0002	-.0044	.0002	.0010	.0864	.0408	95.96	.0061
#3	-.0001	-.0062	.0002	.0006	.0867	.0432	95.13	.0034

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8413**	**.0019**	**.0013**	W **233.6**	**.0024**	**.0397**	**.0649**	**20.36**
Stddev	.0130	.0000	.0004	2.5	.0005	.0007	.0005	.06
%RSD	1.547	1.334	29.73	1.069	23.24	1.705	.8375	.2705
#1	.8432	.0019	.0017	236.0	.0022	.0404	.0645	20.42
#2	.8533	.0019	.0010	231.1	.0019	.0395	.0655	20.34
#3	.8275	.0019	.0011	233.6	.0030	.0391	.0648	20.32

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0020**	**.0010**	**3.451**	**.0002**	**.0016**	**.0007**	**-.0033**	**.0003**
Stddev	.0031	.0012	.012	.0010	.0001	.0002	.0031	.0000
%RSD	150.3	129.8	.3575	417.4	6.087	23.07	93.16	15.39
#1	.0014	-.0003	3.465	-.0009	.0017	.0005	-.0049	.0003
#2	-.0043	.0022	3.444	.0010	.0015	.0008	.0002	.0003
#3	-.0033	.0011	3.443	.0006	.0016	.0006	-.0053	.0002

Zoom In Zoom Out

Sample Name: JE4718-4 Acquired: 1/29/2025 17:32:03 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0064**	**1.426**	**-.0027**
Stddev	.0008	.005	.0001
%RSD	11.98	.3534	3.072
#1	.0073	1.431	-.0027
#2	.0060	1.425	-.0026
#3	.0060	1.421	-.0027

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5816.1**	**100450.**	**10093.**	**2234.5**
Stddev	11.3	129.	96.	8.1
%RSD	.19444	.12835	.95287	.36058
#1	5803.8	100570.	10019.	2225.6
#2	5826.0	100460.	10059.	2236.5
#3	5818.6	100310.	10202.	2241.3

Zoom In Zoom Out

Sample Name: JE4718-5 Acquired: 1/29/2025 17:37:02 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.2551**	**.0017**	**.0500**	**.0023**	**.0002**	**-.0002**	**.8636**
Stddev	.0005	.0109	.0010	.0006	.0001	.0001	.0008	.0049
%RSD	433.0	4.270	56.99	1.185	3.400	49.80	333.8	.5697
#1	.0004	.2474	.0024	.0494	.0024	.0002	.0006	.8684
#2	-.0007	.2502	.0021	.0506	.0023	.0002	-.0010	.8640
#3	-.0001	.2675	.0006	.0500	.0023	.0001	-.0004	.8586

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0061**	**-.0002**	**.0023**	**.0006**	**.0288**	**101.6**	**.0053**
Stddev	.0004	.0035	.0001	.0004	.0001	.0038	.2	.0025
%RSD	380.3	57.60	46.25	17.74	24.09	13.01	.1716	47.88
#1	.0005	-.0033	-.0001	.0024	.0007	.0288	101.7	.0080
#2	-.0000	-.0101	-.0003	.0019	.0004	.0326	101.4	.0030
#3	-.0002	-.0050	-.0002	.0027	.0007	.0251	101.7	.0050

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.024**	**.0076**	**.0011**	W **241.3**	**.0011**	**.1190**	**-.0005**	**19.94**
Stddev	.009	.0000	.0001	2.3	.0005	.0016	.0015	.03
%RSD	.8948	.4185	12.74	.9401	45.82	1.365	321.4	.1345
#1	1.022	.0076	.0010	241.0	.0011	.1187	-.0013	19.97
#2	1.034	.0076	.0012	243.7	.0006	.1207	.0013	19.92
#3	1.016	.0076	.0012	239.2	.0016	.1175	-.0014	19.92

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0015**	**3.527**	**.0001**	**.0032**	**-.0001**	**.0034**	**.0005**
Stddev	.0007	.0016	.004	.0003	.0001	.0006	.0024	.0002
%RSD	328.0	103.5	.1059	200.0	1.639	656.9	69.50	45.42
#1	-.0001	.0004	3.527	.0004	.0032	.0006	.0046	.0007
#2	-.0002	.0008	3.524	.0000	.0031	-.0004	.0007	.0005
#3	.0010	.0033	3.531	-.0001	.0032	-.0006	.0050	.0002

Zoom In Zoom Out

Sample Name: JE4718-5 Acquired: 1/29/2025 17:37:02 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0034**	**.0001**	**-.0027**
Stddev	.0013	.0001	.0001
%RSD	37.17	101.0	5.460
#1	.0020	.0002	-.0026
#2	.0045	.0000	-.0028
#3	.0036	.0001	-.0028

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5800.0**	**99824.**	**10084.**	**2230.8**
Stddev	5.5	448.	57.	7.0
%RSD	.09467	.44868	.56162	.31454
#1	5805.3	99604.	10025.	2238.7
#2	5794.3	100340.	10088.	2225.2
#3	5800.4	99529.	10138.	2228.5

Zoom In Zoom Out

Sample Name: JE4718-6 Acquired: 1/29/2025 17:42:02 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.3715**	**.0026**	**.0466**	**.0024**	**.0001**	**-.0014**	**1.040**
Stddev	.0002	.0042	.0005	.0010	.0001	.0000	.0021	.002
%RSD	178.0	1.137	19.96	2.142	2.901	30.92	149.1	.2055
#1	.0001	.3669	.0027	.0476	.0024	.0001	.0004	1.043
#2	-.0001	.3751	.0030	.0467	.0024	.0001	-.0009	1.039
#3	.0003	.3725	.0020	.0456	.0025	.0001	-.0038	1.039

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0065**	**.0002**	**.0025**	**.0004**	**.0350**	**102.0**	**.0034**
Stddev	.0002	.0005	.0001	.0002	.0005	.0029	.1	.0013
%RSD	190.4	8.405	22.84	9.607	122.8	8.393	.0858	40.05
#1	-.0003	-.0067	.0002	.0023	.0008	.0369	102.1	.0049
#2	-.0002	-.0058	.0003	.0026	-.0001	.0316	101.9	.0025
#3	.0001	-.0068	.0002	.0027	.0005	.0365	102.1	.0026

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.048**	**.0169**	**.0010**	W **234.6**	**.0012**	**.1218**	**-.0006**	**19.69**
Stddev	.016	.0000	.0001	.2	.0004	.0003	.0008	.01
%RSD	1.535	.2344	13.95	.0766	33.58	.2836	138.2	.0437
#1	1.066	.0169	.0012	234.4	.0008	.1215	.0003	19.68
#2	1.043	.0169	.0010	234.7	.0016	.1218	-.0011	19.70
#3	1.035	.0169	.0009	234.7	.0011	.1222	-.0009	19.68

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0003**	**3.515**	**-.0005**	**.0048**	**.0002**	**-.0026**	**.0011**
Stddev	.0013	.0011	.003	.0002	.0002	.0000	.0009	.0002
%RSD	405.4	389.0	.0788	31.77	3.349	17.10	32.33	22.78
#1	-.0004	-.0010	3.517	-.0005	.0050	.0002	-.0019	.0013
#2	-.0016	.0009	3.512	-.0007	.0047	.0002	-.0025	.0008
#3	.0010	.0009	3.516	-.0003	.0048	.0001	-.0036	.0011

Zoom In Zoom Out

Sample Name: JE4718-6 Acquired: 1/29/2025 17:42:02 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0045**	**.0015**	**-.0029**
Stddev	.0011	.0002	.0002
%RSD	24.57	12.49	7.598
#1	.0040	.0016	-.0031
#2	.0057	.0016	-.0027
#3	.0037	.0013	-.0029

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5814.6**	**99929.**	**10133.**	**2237.6**
Stddev	9.6	138.	51.	1.5
%RSD	.16428	.13788	.50287	.06788
#1	5803.7	99777.	10079.	2235.8
#2	5821.5	100050.	10179.	2238.4
#3	5818.6	99965.	10142.	2238.5

Zoom In Zoom Out

Sample Name: JE4718-7 Acquired: 1/29/2025 17:47:03 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.6038**	**.0019**	**.0550**	**.0029**	**.0001**	**-.0010**	**1.385**
Stddev	.0004	.0098	.0007	.0011	.0003	.0000	.0012	.012
%RSD	122.8	1.616	36.86	2.029	10.75	43.16	113.7	.8371
#1	-.0006	.6150	.0012	.0558	.0031	.0000	-.0024	1.393
#2	-.0006	.5986	.0026	.0537	.0031	.0001	-.0004	1.391
#3	.0001	.5976	.0019	.0555	.0025	.0001	-.0003	1.372

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**-.0067**	**.0001**	**.0028**	**.0004**	**.0288**	**106.2**	**.0051**
Stddev	.0002	.0037	.0001	.0002	.0002	.0017	.1	.0023
%RSD	2582.	55.83	120.0	6.983	39.61	5.819	.1326	44.36
#1	-.0002	-.0086	.0001	.0030	.0002	.0300	106.0	.0072
#2	.0001	-.0024	-.0000	.0026	.0005	.0295	106.3	.0027
#3	.0002	-.0091	.0001	.0028	.0006	.0269	106.3	.0055

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.010**	**.0266**	**.0011**	W **245.0**	**.0012**	**.1372**	**.0011**	**19.82**
Stddev	.012	.0000	.0002	1.6	.0001	.0009	.0008	.10
%RSD	1.178	.0462	14.17	.6396	12.04	.6551	77.55	.4847
#1	1.024	.0266	.0012	244.5	.0013	.1367	.0016	19.90
#2	1.002	.0266	.0010	243.7	.0011	.1367	.0015	19.83
#3	1.003	.0266	.0010	246.7	.0014	.1382	.0001	19.71

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**-.0005**	**3.870**	**-.0004**	**.0068**	**.0003**	**-.0028**	**.0010**
Stddev	.0001	.0013	.019	.0003	.0001	.0001	.0009	.0004
%RSD	361.6	239.3	.4820	72.09	1.744	35.69	33.25	37.98
#1	-.0001	-.0001	3.888	-.0005	.0068	.0003	-.0019	.0013
#2	-.0001	-.0020	3.871	-.0005	.0069	.0002	-.0037	.0006
#3	.0001	.0005	3.851	-.0001	.0067	.0004	-.0027	.0011

Zoom In Zoom Out

Sample Name: JE4718-7 Acquired: 1/29/2025 17:47:03 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0041**	**.0001**	**-.0030**
Stddev	.0007	.0001	.0001
%RSD	18.06	36.89	1.801
#1	.0050	.0001	-.0030
#2	.0040	.0001	-.0030
#3	.0035	.0002	-.0030

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5792.0**	**99393.**	**10075.**	**2233.4**
Stddev	19.1	506.	18.	7.5
%RSD	.32916	.50940	.17620	.33395
#1	5776.4	98887.	10055.	2227.0
#2	5786.3	99393.	10088.	2231.6
#3	5813.3	99900.	10083.	2241.6

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 17:52:04 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2474**	**39.42**	**1.954**	**1.999**	**1.935**	**1.990**	**2.031**	**40.26**	**2.013**
Stddev	.0007	.08	.001	.003	.002	.002	.002	.10	.003
%RSD	.2652	.2092	.0533	.1388	.1200	.0864	.0753	.2487	.1606
#1	.2470	39.52	1.955	1.999	1.937	1.992	2.032	40.38	2.016
#2	.2482	39.37	1.953	2.002	1.935	1.989	2.029	40.19	2.011
#3	.2471	39.38	1.954	1.997	1.932	1.989	2.031	40.22	2.011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.043**	**1.995**	**2.004**	**1.939**	**39.67**	**39.55**	**1.956**	**39.39**	**2.066**
Stddev	.003	.001	.003	.003	.06	.11	.003	.10	.001
%RSD	.1468	.0481	.1295	.1554	.1402	.2817	.1273	.2457	.0689
#1	2.043	1.996	2.006	1.942	39.72	39.66	1.958	39.49	2.067
#2	2.040	1.995	2.006	1.936	39.61	39.44	1.953	39.36	2.066
#3	2.046	1.994	2.001	1.938	39.67	39.55	1.958	39.31	2.064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.983**	**39.47**	**2.002**	**1.960**	**1.997**	**1.957**	**1.970**	**1.970**	**4.833**
Stddev	.004	.05	.003	.003	.003	.004	.003	.004	.002
%RSD	.2065	.1387	.1324	.1456	.1432	.2020	.1574	.1972	.0306
#1	1.987	39.53	2.005	1.963	2.000	1.961	1.966	1.971	4.834
#2	1.984	39.42	2.000	1.958	1.998	1.956	1.972	1.966	4.831
#3	1.979	39.46	2.000	1.960	1.994	1.954	1.971	1.974	4.833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 17:52:04 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.045**	**1.962**	**2.029**	**2.042**	**2.025**	**1.998**	**2.033**	**2.031**
Stddev	.004	.002	.002	.008	.002	.004	.004	.001
%RSD	.1905	.0814	.0773	.3807	.1119	.1774	.2149	.0339
#1	2.048	1.963	2.030	2.033	2.028	2.002	2.037	2.032
#2	2.046	1.961	2.030	2.048	2.025	1.996	2.034	2.031
#3	2.040	1.960	2.027	2.046	2.023	1.995	2.028	2.031
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5911.5**	**99336.**	**10060.**	**2268.4**
Stddev	8.5	356.	63.	4.9
%RSD	.14420	.35854	.62482	.21801
#1	5907.0	99124.	9996.3	2266.5
#2	5906.1	99137.	10122.	2264.6
#3	5921.3	99747.	10062.	2274.0

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 17:56:38 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0014**	**-.0007**	**-.0017**	**-.0000**	**.0001**	**-.0001**	**.0054**	**.0002**
Stddev	.0007	.0107	.0004	.0006	.0001	.0000	.0008	.0038	.0002
%RSD	293.0	736.2	55.33	35.06	505.8	62.10	704.9	69.76	123.4
#1	-.0005	.0042	-.0008	-.0023	-.0001	.0001	.0008	.0087	.0001
#2	.0003	.0105	-.0003	-.0014	-.0000	.0001	-.0008	.0013	.0000
#3	.0009	-.0103	-.0011	-.0013	.0001	.0000	-.0004	.0063	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0080**	**.0001**	**.0002**	**-.0003**	**.0031**	**.0694**	**.0011**	**.0001**	**.0001**
Stddev	.0033	.0001	.0002	.0004	.0010	.0376	.0019	.0314	.0000
%RSD	41.67	60.10	115.1	143.3	32.08	54.23	176.5	34090.	31.67
#1	-.0088	.0001	.0001	-.0007	.0042	.0366	-.0011	.0358	.0001
#2	-.0044	.0001	.0001	-.0003	.0026	.0611	.0026	-.0235	.0000
#3	-.0109	.0002	.0004	.0001	.0024	.1105	.0018	-.0120	.0001
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0712**	**.0003**	**-.0007**	**.0003**	**.0063**	**-.0000**	**.0020**	**.0009**
Stddev	.0001	.0145	.0002	.0004	.0013	.0044	.0013	.0030	.0016
%RSD	83.56	20.30	85.15	60.09	436.6	69.99	2600.	149.2	166.4
#1	-.0000	.0815	.0005	-.0005	-.0011	.0012	.0002	.0036	.0005
#2	-.0003	.0775	.0002	-.0012	.0014	.0089	.0011	-.0015	.0027
#3	-.0002	.0547	.0001	-.0005	.0006	.0088	-.0014	.0039	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 17:56:38 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0002**	**-.0003**	**.0025**	**.0002**	**.0005**	**.0006**	**.0000**
Stddev	.0010	.0001	.0003	.0018	.0003	.0006	.0000	.0001
%RSD	192.8	32.93	91.25	74.93	130.2	115.2	5.516	307.6
#1	-.0004	.0002	-.0005	.0015	.0006	.0005	.0006	.0001
#2	.0004	.0002	-.0005	.0013	.0002	-.0001	.0005	.0001
#3	.0016	.0001	.0000	.0046	-.0001	.0011	.0006	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6281.4**	**101080.**	**10057.**	**2303.6**
Stddev	3.5	260.	58.	4.7
%RSD	.05585	.25740	.57820	.20350
#1	6284.2	101030.	10107.	2302.3
#2	6277.5	101360.	9993.3	2299.6
#3	6282.4	100840.	10070.	2308.7

Zoom In Zoom Out

Sample Name: JE4718-2F Acquired: 1/29/2025 18:01:34 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**.0888**	**.0005**	**.0492**	**.0003**	**.0002**	**-.0010**	**.8280**
Stddev	.0003	.0164	.0009	.0003	.0002	.0000	.0015	.0029
%RSD	42.41	18.43	167.4	.6657	70.15	26.76	152.9	.3506
#1	-.0007	.1062	.0014	.0491	.0002	.0002	.0007	.8305
#2	-.0009	.0865	-.0004	.0489	.0005	.0001	-.0013	.8248
#3	-.0004	.0737	.0007	.0495	.0001	.0001	-.0023	.8286

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0094**	**.0002**	**.0004**	**.0001**	**.0242**	**84.40**	**.0053**
Stddev	.0005	.0042	.0002	.0001	.0001	.0004	.09	.0009
%RSD	355.5	44.52	93.27	30.76	120.3	1.669	.1058	16.39
#1	.0003	-.0051	.0001	.0005	-.0000	.0241	84.48	.0053
#2	-.0004	-.0135	.0004	.0003	.0002	.0247	84.42	.0044
#3	.0005	-.0095	.0001	.0004	.0001	.0239	84.30	.0061

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5707**	**.0004**	**.0012**	W **215.2**	**.0011**	**.0273**	**.0002**	**19.06**
Stddev	.0188	.0001	.0002	4.3	.0002	.0011	.0018	.07
%RSD	3.302	13.82	17.17	1.999	20.26	3.882	861.7	.3816
#1	.5913	.0005	.0012	219.0	.0014	.0285	.0008	19.11
#2	.5666	.0004	.0015	216.0	.0011	.0264	.0016	18.97
#3	.5543	.0004	.0010	210.5	.0009	.0272	-.0018	19.08

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0003**	**3.192**	**.0000**	**.0008**	**.0010**	**-.0039**	**.0004**
Stddev	.0005	.0012	.003	.0008	.0002	.0002	.0015	.0002
%RSD	55.60	340.2	.1031	5956.	21.07	19.45	39.90	61.53
#1	.0015	.0016	3.189	.0002	.0010	.0012	-.0029	.0006
#2	.0008	.0001	3.196	.0007	.0008	.0008	-.0057	.0002
#3	.0005	-.0007	3.192	-.0009	.0007	.0011	-.0030	.0003

Zoom In Zoom Out

Sample Name: JE4718-2F Acquired: 1/29/2025 18:01:34 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0027**	**.0001**	**-.0024**
Stddev	.0004	.0003	.0001
%RSD	15.39	422.2	2.211
#1	.0022	.0002	-.0024
#2	.0029	.0003	-.0024
#3	.0030	-.0003	-.0025

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5805.6**	**99656.**	**10096.**	**2223.6**
Stddev	2.6	279.	82.	6.1
%RSD	.04496	.28025	.81227	.27341
#1	5805.3	99340.	10001.	2219.4
#2	5808.4	99758.	10139.	2230.6
#3	5803.2	99871.	10147.	2220.8

Zoom In Zoom Out

Sample Name: JE4718-3F Acquired: 1/29/2025 18:06:36 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0503**	**.0026**	**.0529**	**.0010**	**.0002**	**-.0022**	**.7881**
Stddev	.0003	.0074	.0003	.0014	.0003	.0000	.0005	.0020
%RSD	43.59	14.66	9.965	2.689	28.39	19.57	24.45	.2483
#1	.0008	.0543	.0025	.0545	.0010	.0002	-.0019	.7860
#2	.0008	.0548	.0029	.0517	.0007	.0002	-.0029	.7899
#3	.0003	.0418	.0025	.0525	.0013	.0002	-.0019	.7883

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**-.0059**	**.0003**	**.0003**	**.0002**	**.0225**	**88.87**	**.0057**
Stddev	.0003	.0039	.0004	.0001	.0001	.0016	.12	.0023
%RSD	857.9	66.83	143.2	36.74	36.63	7.023	.1364	40.53
#1	.0001	-.0080	.0001	.0002	.0003	.0215	89.01	.0041
#2	.0003	-.0013	.0007	.0003	.0002	.0217	88.77	.0083
#3	-.0003	-.0082	-.0000	.0004	.0001	.0244	88.84	.0046

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5848**	**.0003**	**.0013**	W **221.8**	**.0011**	**.0286**	**.0003**	**19.51**
Stddev	.0191	.0001	.0002	2.1	.0004	.0006	.0006	.04
%RSD	3.263	15.35	14.51	.9643	36.35	2.256	198.6	.2231
#1	.6064	.0003	.0011	223.7	.0007	.0291	.0008	19.55
#2	.5775	.0004	.0013	219.5	.0011	.0279	-.0003	19.47
#3	.5704	.0003	.0015	222.1	.0016	.0288	.0004	19.53

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.0009**	**3.268**	**-.0002**	**.0007**	**-.0001**	**-.0044**	**.0006**
Stddev	.0004	.0024	.006	.0004	.0001	.0002	.0004	.0003
%RSD	49.87	280.0	.1858	214.8	16.54	360.4	8.583	50.52
#1	-.0009	-.0019	3.269	.0001	.0007	-.0003	-.0041	.0006
#2	-.0012	.0020	3.262	.0000	.0008	.0001	-.0042	.0003
#3	-.0004	.0025	3.274	-.0007	.0006	.0000	-.0048	.0010

Zoom In Zoom Out

Sample Name: JE4718-3F Acquired: 1/29/2025 18:06:36 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0027**	**.0004**	**-.0031**
Stddev	.0011	.0002	.0001
%RSD	39.82	57.53	4.364
#1	.0025	.0006	-.0030
#2	.0039	.0005	-.0030
#3	.0017	.0001	-.0032

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5820.5**	**99537.**	**10154.**	**2232.1**
Stddev	9.8	133.	42.	2.4
%RSD	.16913	.13377	.41397	.10793
#1	5812.6	99414.	10127.	2231.2
#2	5831.5	99519.	10132.	2234.9
#3	5817.3	99678.	10202.	2230.3

Zoom In Zoom Out

Sample Name: JE4718-4F Acquired: 1/29/2025 18:11:38 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0890**	**.0016**	**.0564**	**.0027**	**.0002**	**.0005**	**.8408**
Stddev	.0004	.0022	.0009	.0014	.0002	.0000	.0008	.0053
%RSD	509.8	2.492	54.77	2.478	6.160	24.21	153.7	.6247
#1	-.0001	.0898	.0006	.0576	.0026	.0001	.0007	.8350
#2	.0003	.0907	.0017	.0549	.0029	.0001	.0012	.8451
#3	-.0004	.0865	.0023	.0568	.0027	.0002	-.0004	.8424

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0085**	**.0002**	**.0009**	**.0000**	**.0242**	**96.65**	**.0052**
Stddev	.0002	.0022	.0002	.0002	.0001	.0015	.23	.0026
%RSD	216.8	26.29	104.4	25.51	189.8	6.246	.2328	49.64
#1	.0004	-.0071	.0003	.0011	.0000	.0225	96.45	.0047
#2	-.0000	-.0074	.0002	.0007	-.0000	.0252	96.90	.0029
#3	-.0000	-.0111	-.0000	.0010	.0001	.0249	96.61	.0080

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8126**	**.0013**	**.0012**	W **233.8**	**.0013**	**.0375**	**-.0002**	**20.40**
Stddev	.0076	.0001	.0003	.5	.0003	.0002	.0017	.03
%RSD	.9402	4.597	28.27	.2280	21.24	.6053	769.7	.1673
#1	.8160	.0013	.0008	233.3	.0014	.0377	.0008	20.37
#2	.8179	.0012	.0013	233.7	.0016	.0375	.0007	20.43
#3	.8038	.0013	.0014	234.4	.0010	.0372	-.0021	20.39

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.0005**	**3.452**	**.0008**	**.0012**	**-.0001**	**-.0026**	**.0003**
Stddev	.0018	.0016	.008	.0007	.0001	.0004	.0026	.0002
%RSD	207.0	293.5	.2306	87.13	7.691	678.7	100.0	54.26
#1	-.0001	.0001	3.449	.0000	.0012	-.0002	.0003	.0003
#2	.0004	.0023	3.461	.0011	.0011	-.0003	-.0045	.0002
#3	-.0029	-.0008	3.446	.0013	.0012	.0004	-.0034	.0005

Zoom In Zoom Out

Sample Name: JE4718-4F Acquired: 1/29/2025 18:11:38 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0029**	**.0005**	**-.0027**
Stddev	.0015	.0002	.0001
%RSD	50.18	44.89	3.752
#1	.0023	.0005	-.0026
#2	.0018	.0008	-.0028
#3	.0046	.0003	-.0026

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5816.6**	**99954.**	**10176.**	**2237.1**
Stddev	6.3	70.	93.	5.9
%RSD	.10800	.06999	.91487	.26591
#1	5814.0	99969.	10281.	2237.7
#2	5812.2	99877.	10103.	2230.9
#3	5823.8	100010.	10143.	2242.7

Zoom In Zoom Out

Sample Name: JE4718-5F Acquired: 1/29/2025 18:16:39 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.2286**	**.0016**	**.0503**	**.0038**	**.0001**	**-.0018**	**.8336**
Stddev	.0004	.0070	.0008	.0014	.0003	.0001	.0012	.0019
%RSD	312.4	3.068	49.08	2.722	8.858	89.47	63.34	.2336
#1	.0003	.2271	.0008	.0516	.0038	.0000	-.0018	.8351
#2	.0004	.2225	.0023	.0505	.0034	.0002	-.0007	.8314
#3	-.0003	.2363	.0015	.0488	.0041	.0001	-.0030	.8343

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0095**	**-.0001**	**.0019**	**-.0001**	**.0289**	**100.0**	**.0044**
Stddev	.0002	.0009	.0003	.0001	.0005	.0014	.2	.0003
%RSD	206.2	9.591	439.5	5.378	647.0	4.992	.1579	7.065
#1	-.0002	-.0090	-.0001	.0020	.0003	.0302	99.98	.0047
#2	-.0002	-.0089	-.0004	.0018	.0002	.0292	100.2	.0045
#3	.0001	-.0106	.0003	.0018	-.0007	.0274	99.85	.0041

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9711**	**.0066**	**.0008**	W **234.6**	**.0017**	**.1051**	**.0014**	**19.68**
Stddev	.0150	.0000	.0002	5.4	.0001	.0005	.0011	.05
%RSD	1.544	.5580	20.94	2.294	3.660	.5050	80.79	.2727
#1	.9658	.0066	.0009	232.2	.0018	.1057	.0026	19.72
#2	.9880	.0066	.0007	240.7	.0017	.1046	.0012	19.70
#3	.9595	.0065	.0010	230.8	.0016	.1051	.0004	19.62

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**.0001**	**3.487**	**-.0002**	**.0032**	**.0002**	**-.0043**	**.0006**
Stddev	.0012	.0015	.004	.0008	.0000	.0002	.0024	.0002
%RSD	98.54	1135.	.1297	342.0	1.408	99.75	56.03	36.22
#1	.0003	.0011	3.490	.0007	.0031	.0000	-.0015	.0008
#2	.0008	.0009	3.490	-.0004	.0032	.0003	-.0052	.0004
#3	.0026	-.0016	3.482	-.0009	.0032	.0001	-.0060	.0007

Zoom In Zoom Out

Sample Name: JE4718-5F Acquired: 1/29/2025 18:16:39 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0029**	**.0022**	**-.0027**
Stddev	.0014	.0000	.0001
%RSD	47.75	2.182	2.108
#1	.0042	.0022	-.0027
#2	.0014	.0023	-.0027
#3	.0031	.0022	-.0028

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5800.7**	**99080.**	**10195.**	**2233.3**
Stddev	13.5	351.	58.	6.5
%RSD	.23245	.35458	.56891	.29214
#1	5787.0	99200.	10191.	2227.9
#2	5801.2	98685.	10139.	2231.4
#3	5814.0	99356.	10255.	2240.6

Zoom In Zoom Out

Sample Name: JE4718-6F Acquired: 1/29/2025 18:21:40 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.3333**	**.0023**	**.0459**	**.0025**	**.0001**	**-.0007**	**1.006**
Stddev	.0005	.0071	.0021	.0008	.0001	.0001	.0015	.008
%RSD	169.3	2.140	94.67	1.825	5.732	51.80	205.7	.7625
#1	-.0003	.3260	.0007	.0468	.0024	.0002	.0002	.9973
#2	-.0007	.3335	.0047	.0454	.0025	.0001	-.0024	1.010
#3	.0002	.3403	.0014	.0454	.0027	.0001	.0000	1.011

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0061**	**.0001**	**.0025**	**.0008**	**.0346**	**100.8**	**.0030**
Stddev	.0002	.0028	.0002	.0001	.0001	.0029	.1	.0007
%RSD	89.18	45.26	173.6	5.260	16.59	8.393	.0856	22.67
#1	.0002	-.0029	.0003	.0026	.0007	.0380	100.7	.0032
#2	.0003	-.0074	-.0001	.0025	.0007	.0330	100.8	.0035
#3	-.0000	-.0079	.0001	.0023	.0009	.0329	100.7	.0022

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9965**	**.0158**	**.0010**	W **234.6**	**.0013**	**.1173**	**-.0002**	**19.19**
Stddev	.0095	.0001	.0004	1.7	.0002	.0012	.0007	.02
%RSD	.9512	.3857	41.74	.7449	13.61	1.054	320.2	.0850
#1	.9856	.0158	.0006	232.6	.0011	.1170	.0000	19.19
#2	1.003	.0159	.0009	236.0	.0015	.1163	.0003	19.21
#3	1.001	.0158	.0014	235.1	.0014	.1187	-.0010	19.17

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020**	**.0013**	**3.446**	**.0002**	**.0046**	**.0002**	**.0046**	**.0006**
Stddev	.0001	.0018	.007	.0009	.0001	.0003	.0021	.0003
%RSD	4.961	145.4	.1924	509.5	1.775	213.8	45.24	46.67
#1	.0019	-.0006	3.446	-.0001	.0045	.0001	.0036	.0008
#2	.0021	.0014	3.452	.0012	.0046	-.0001	.0069	.0003
#3	.0020	.0030	3.439	-.0006	.0047	.0005	.0031	.0009

Zoom In Zoom Out

Sample Name: JE4718-6F Acquired: 1/29/2025 18:21:40 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0032**	**.0002**	**-.0028**
Stddev	.0014	.0002	.0002
%RSD	44.65	81.30	7.163
#1	.0028	.0005	-.0026
#2	.0019	.0002	-.0030
#3	.0047	.0001	-.0028

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5810.7**	**99455.**	**10151.**	**2236.7**
Stddev	4.6	330.	61.	2.2
%RSD	.07954	.33206	.60182	.09979
#1	5805.8	99664.	10217.	2235.5
#2	5811.2	99074.	10142.	2235.3
#3	5815.0	99626.	10095.	2239.3

Zoom In Zoom Out

Sample Name: JE4718-7F Acquired: 1/29/2025 18:26:43 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.5990**	**.0018**	**.0559**	**.0031**	**.0001**	**-.0021**	**1.435**
Stddev	.0005	.0116	.0016	.0010	.0004	.0000	.0025	.001
%RSD	75.03	1.937	87.79	1.865	12.33	44.40	120.6	.0819
#1	-.0010	.5909	.0026	.0563	.0035	.0002	-.0033	1.435
#2	-.0010	.5939	.0029	.0567	.0028	.0001	.0008	1.437
#3	-.0001	.6123	-.0000	.0547	.0030	.0001	-.0038	1.435

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0160**	**-.0001**	**.0025**	**.0030**	**.0475**	**108.0**	**.0038**
Stddev	.0001	.0020	.0003	.0004	.0001	.0017	.1	.0010
%RSD	91.01	12.53	241.8	17.12	4.327	3.615	.0673	26.95
#1	-.0000	-.0142	-.0004	.0030	.0031	.0482	108.0	.0040
#2	-.0001	-.0181	-.0001	.0022	.0030	.0455	107.9	.0047
#3	-.0000	-.0157	.0002	.0024	.0029	.0488	108.0	.0027

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.031**	**.0267**	**.0012**	W **244.8**	**.0012**	**.1463**	**-.0010**	**19.78**
Stddev	.013	.0002	.0003	1.3	.0002	.0013	.0005	.07
%RSD	1.260	.5950	21.63	.5387	16.00	.9039	51.67	.3385
#1	1.045	.0269	.0011	246.3	.0014	.1478	-.0007	19.85
#2	1.019	.0266	.0015	244.3	.0012	.1456	-.0015	19.72
#3	1.028	.0266	.0011	243.8	.0010	.1454	-.0006	19.76

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**.0013**	**3.854**	**-.0013**	**.0070**	**.0004**	**-.0015**	**.0007**
Stddev	.0007	.0017	.019	.0005	.0002	.0002	.0026	.0003
%RSD	50.10	127.0	.4977	40.32	2.612	55.89	169.5	39.07
#1	.0019	.0021	3.875	-.0015	.0071	.0007	.0007	.0008
#2	.0006	-.0006	3.838	-.0007	.0069	.0004	-.0009	.0004
#3	.0018	.0025	3.848	-.0017	.0068	.0002	-.0044	.0009

Zoom In Zoom Out

Sample Name: JE4718-7F Acquired: 1/29/2025 18:26:43 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0039**	**.0025**	**-.0031**
Stddev	.0013	.0002	.0002
%RSD	32.99	7.923	6.282
#1	.0043	.0028	-.0031
#2	.0050	.0024	-.0033
#3	.0025	.0025	-.0029

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5851.7**	**100390.**	**10214.**	**2261.0**
Stddev	16.6	247.	56.	9.1
%RSD	.28347	.24606	.55035	.40466
#1	5839.4	100440.	10278.	2251.7
#2	5845.0	100130.	10175.	2261.5
#3	5870.5	100610.	10188.	2269.9

Zoom In Zoom Out

Sample Name: MP52431-B1 Acquired: 1/29/2025 18:31:44 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2556**	**24.94**	**1.918**	**2.004**	**1.971**	**2.070**	**.0074**	**25.55**
Stddev	.0004	.03	.005	.004	.001	.002	.0011	.01
%RSD	.1756	.1343	.2752	.1817	.0512	.0786	14.78	.0344
#1	.2552	24.98	1.921	2.007	1.971	2.071	.0073	25.54
#2	.2554	24.91	1.912	2.000	1.972	2.071	.0085	25.55
#3	.2561	24.95	1.922	2.006	1.970	2.068	.0063	25.56

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.059**	**.0104**	**2.053**	**2.059**	**1.976**	**25.28**	**24.77**	**.0089**
Stddev	.002	.0019	.004	.003	.002	.02	.05	.0013
%RSD	.0742	18.74	.2087	.1196	.1048	.0608	.2072	14.15
#1	2.061	.0082	2.058	2.058	1.978	25.29	24.71	.0075
#2	2.058	.0120	2.051	2.062	1.977	25.27	24.80	.0100
#3	2.059	.0109	2.050	2.058	1.974	25.26	24.79	.0093

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.04**	**2.116**	**1.999**	**25.11**	**2.038**	**1.993**	**2.021**	**.0154**
Stddev	.02	.001	.004	.01	.004	.003	.002	.0035
%RSD	.0720	.0213	.1891	.0429	.1988	.1349	.1062	22.65
#1	25.05	2.115	2.002	25.12	2.042	1.991	2.022	.0165
#2	25.02	2.116	1.995	25.12	2.037	1.992	2.021	.0181
#3	25.06	2.115	2.001	25.10	2.034	1.996	2.018	.0115

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.984**	**1.983**	**-.0303**	**2.102**	**2.010**	**2.082**	W **1.928**	**2.084**
Stddev	.006	.009	.0010	.005	.001	.002	.006	.001
%RSD	.2800	.4438	3.469	.2528	.0461	.0992	.3214	.0650
#1	1.984	1.993	-.0313	2.097	2.009	2.083	1.933	2.085
#2	1.978	1.975	-.0292	2.102	2.011	2.084	1.930	2.084
#3	1.989	1.983	-.0303	2.108	2.010	2.080	1.921	2.083

Zoom In Zoom Out

Sample Name: MP52431-B1 Acquired: 1/29/2025 18:31:44 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.965**	**2.096**	**2.088**
Stddev	.003	.004	.002
%RSD	.1566	.2091	.0749
#1	1.966	2.098	2.089
#2	1.962	2.091	2.088
#3	1.968	2.100	2.086

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6096.1**	**100780.**	**10214.**	**2320.5**
Stddev	9.0	269.	28.	7.4
%RSD	.14715	.26705	.27430	.31688
#1	6091.6	100950.	10193.	2319.9
#2	6106.4	100470.	10246.	2328.2
#3	6090.2	100920.	10204.	2313.5

Zoom In Zoom Out

Sample Name: MP52431-MB1 Acquired: 1/29/2025 18:37:20 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0122**	**-.0009**	**-.0021**	**.0003**	**-.0001**	**.0010**	**.0229**	**.0003**
Stddev	.0002	.0053	.0011	.0015	.0004	.0000	.0016	.0017	.0001
%RSD	105.8	43.16	129.3	72.01	152.7	39.19	158.1	7.548	45.06
#1	.0000	.0176	-.0019	-.0005	.0007	-.0001	.0024	.0247	.0005
#2	-.0002	.0118	-.0011	-.0035	.0003	-.0001	-.0007	.0225	.0003
#3	-.0004	.0071	.0003	-.0021	-.0002	-.0002	.0013	.0213	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0095**	**-.0002**	**.0003**	**-.0003**	**.0057**	**.0107**	**.0014**	**-.0039**	**.0003**
Stddev	.0038	.0001	.0002	.0002	.0004	.0218	.0012	.0132	.0000
%RSD	40.54	59.15	74.76	50.47	7.378	204.6	85.41	336.4	10.45
#1	-.0136	-.0003	.0005	-.0003	.0053	.0357	.0001	-.0067	.0002
#2	-.0060	-.0003	.0002	-.0002	.0061	.0007	.0025	.0104	.0002
#3	-.0088	-.0001	.0001	-.0005	.0058	-.0044	.0018	-.0154	.0003

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0973**	**.0003**	**.0076**	**.0008**	**.0066**	**-.0005**	**-.0009**	**-.0014**
Stddev	.0003	.0065	.0003	.0017	.0004	.0028	.0006	.0019	.0001
%RSD	160.8	6.653	99.92	22.68	51.35	41.82	110.2	225.2	10.67
#1	-.0005	.1023	-.0000	.0094	.0011	.0072	-.0006	-.0018	-.0016
#2	-.0000	.0900	.0003	.0076	.0010	.0091	-.0010	-.0022	-.0013
#3	-.0000	.0997	.0005	.0059	.0003	.0036	.0001	.0014	-.0013

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0003**	**.0001**	**.0004**	**-.0000**	**.0021**	**.0024**	**.0000**
Stddev	.0004	.0000	.0004	.0024	.0002	.0007	.0002	.0001
%RSD	176.6	14.48	311.8	546.3	614.1	34.32	9.136	12150.
#1	-.0002	.0004	.0002	.0026	-.0003	.0028	.0027	-.0001
#2	.0003	.0003	.0005	-.0022	.0000	.0015	.0022	-.0001
#3	.0007	.0003	-.0003	.0009	.0001	.0018	.0023	.0001

Zoom In Zoom Out

Sample Name: MP52431-MB1 Acquired: 1/29/2025 18:37:20 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6377.6**	**102400.**	**10220.**	**2340.5**
Stddev	10.8	166.	11.	2.7
%RSD	.17001	.16185	.10287	.11343
#1	6365.1	102590.	10215.	2338.6
#2	6383.5	102340.	10232.	2339.3
#3	6384.2	102280.	10213.	2343.5

Zoom In Zoom Out

Sample Name: MP52431-S1conf Acquired: 1/29/2025 18:42:17 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2504**	**24.33**	**1.896**	**1.931**	**1.904**	**1.996**	**.0083**	**41.38**
Stddev	.0002	.01	.005	.006	.000	.002	.0014	.04
%RSD	.0939	.0464	.2536	.3065	.0233	.0831	17.29	.1080
#1	.2507	24.32	1.897	1.936	1.904	1.997	.0097	41.43
#2	.2502	24.33	1.900	1.933	1.905	1.997	.0068	41.34
#3	.2503	24.34	1.891	1.925	1.904	1.994	.0085	41.38

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.010**	**.0168**	**2.020**	**1.959**	**1.934**	**24.92**	**43.59**	**.0089**
Stddev	.003	.0029	.001	.004	.003	.04	.06	.0022
%RSD	.1544	17.21	.0685	.2186	.1726	.1792	.1341	24.82
#1	2.013	.0197	2.021	1.961	1.937	24.95	43.63	.0076
#2	2.009	.0140	2.021	1.954	1.934	24.94	43.62	.0075
#3	2.007	.0166	2.018	1.961	1.930	24.87	43.53	.0114

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**29.13**	**2.011**	**1.912**	W **290.9**	**2.000**	F **9.049**	**1.965**	**7.188**
Stddev	.01	.004	.006	3.1	.003	.025	.002	.017
%RSD	.0291	.2180	.3376	1.077	.1320	.2804	.1072	.2350
#1	29.13	2.015	1.919	288.1	2.003	9.072	1.966	7.202
#2	29.12	2.007	1.911	290.4	1.999	9.053	1.966	7.192
#3	29.13	2.009	1.906	294.3	1.998	9.022	1.962	7.169

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.922**	**1.955**	**1.764**	**1.984**	**1.985**	**1.990**	W **1.787**	**1.976**
Stddev	.003	.003	.004	.004	.002	.004	.003	.003
%RSD	.1450	.1512	.2209	.2198	.0769	.2224	.1891	.1263
#1	1.924	1.956	1.769	1.989	1.984	1.995	1.788	1.979
#2	1.922	1.957	1.763	1.980	1.986	1.988	1.783	1.974
#3	1.919	1.951	1.761	1.983	1.984	1.987	1.789	1.975

Zoom In Zoom Out

Sample Name: MP52431-S1conf Acquired: 1/29/2025 18:42:17 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.943**	**2.182**	**1.949**
Stddev	.005	.003	.002
%RSD	.2437	.1387	.0832
#1	1.948	2.185	1.950
#2	1.943	2.179	1.949
#3	1.939	2.183	1.947

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5799.2**	**100590.**	**10359.**	**2294.6**
Stddev	6.9	526.	48.	4.9
%RSD	.11870	.52305	.46212	.21531
#1	5792.4	100180.	10325.	2289.4
#2	5806.2	101180.	10414.	2299.1
#3	5799.2	100400.	10338.	2295.4

Zoom In Zoom Out

Sample Name: MP52431-S2conf Acquired: 1/29/2025 18:47:00 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2552	24.88	1.913	1.952	1.931	2.018	.0076	42.59
Stddev	.0008	.03	.009	.011	.002	.003	.0006	.04
%RSD	.3134	.1316	.4496	.5561	.1243	.1438	8.239	.1048
#1	.2558	24.85	1.923	1.964	1.928	2.015	.0083	42.54
#2	.2543	24.91	1.911	1.950	1.933	2.020	.0071	42.62
#3	.2554	24.86	1.906	1.943	1.931	2.019	.0073	42.60

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.020	.0215	2.031	1.982	1.960	25.51	44.88	.0113
Stddev	.011	.0013	.011	.002	.001	.02	.10	.0011
%RSD	.5518	5.946	.5411	.0815	.0523	.0766	.2269	10.13
#1	2.031	.0229	2.040	1.983	1.961	25.48	44.84	.0121
#2	2.020	.0203	2.033	1.980	1.960	25.51	45.00	.0100
#3	2.009	.0213	2.019	1.983	1.959	25.52	44.81	.0117

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.96	2.028	1.934	W 298.7	2.014	F 9.272	1.976	7.382
Stddev	.01	.001	.009	3.1	.011	.051	.014	.044
%RSD	.0390	.0710	.4900	1.033	.5654	.5479	.6885	.5907
#1	29.97	2.030	1.943	300.6	2.022	9.324	1.986	7.422
#2	29.95	2.027	1.936	295.1	2.019	9.270	1.981	7.389
#3	29.95	2.028	1.924	300.4	2.001	9.222	1.960	7.336

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.936	1.970	1.832	2.002	2.012	2.018	W 1.788	1.999
Stddev	.012	.015	.010	.012	.002	.000	.014	.003
%RSD	.6025	.7365	.5454	.6031	.0921	.0152	.7909	.1339
#1	1.947	1.986	1.842	2.015	2.010	2.018	1.804	2.000
#2	1.937	1.964	1.830	2.001	2.013	2.018	1.783	1.996
#3	1.924	1.959	1.822	1.990	2.013	2.019	1.777	2.001

Zoom In Zoom Out

Sample Name: MP52431-S2conf Acquired: 1/29/2025 18:47:00 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	1.961	2.204	1.980
Stddev	.011	.013	.001
%RSD	.5798	.5935	.0410
#1	1.972	2.217	1.981
#2	1.962	2.204	1.979
#3	1.949	2.190	1.980

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5775.6	100030.	10347.	2285.1
Stddev	28.8	184.	21.	10.1
%RSD	.49922	.18427	.19920	.44306
#1	5750.6	99886.	10344.	2274.7
#2	5769.0	100240.	10369.	2285.5
#3	5807.2	99968.	10328.	2294.9

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 18:51:43 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2485	39.88	1.944	2.024	1.942	2.019	2.036	40.70	2.038
Stddev	.0007	.03	.002	.004	.002	.003	.002	.04	.003
%RSD	.2832	.0681	.1139	.2060	.1220	.1259	.0714	.1051	.1235
#1	.2486	39.86	1.946	2.028	1.943	2.020	2.036	40.66	2.041
#2	.2491	39.88	1.941	2.024	1.940	2.017	2.037	40.75	2.038
#3	.2477	39.91	1.944	2.020	1.945	2.021	2.034	40.69	2.036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.088	2.019	2.022	1.936	39.96	39.83	1.953	40.10	2.057
Stddev	.011	.004	.003	.002	.03	.05	.002	.11	.003
%RSD	.5366	.1953	.1225	.1186	.0751	.1224	.1066	.2785	.1214
#1	2.095	2.024	2.019	1.938	39.93	39.79	1.952	40.04	2.058
#2	2.093	2.016	2.023	1.936	39.98	39.88	1.952	40.23	2.058
#3	2.075	2.019	2.023	1.934	39.98	39.80	1.956	40.03	2.054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.966	39.85	1.999	1.984	1.974	1.932	1.957	1.966	4.833
Stddev	.002	.06	.003	.001	.003	.007	.001	.007	.010
%RSD	.1157	.1557	.1256	.0386	.1544	.3543	.0691	.3623	.2083
#1	1.967	39.78	2.002	1.985	1.978	1.935	1.959	1.974	4.844
#2	1.967	39.87	1.998	1.984	1.972	1.937	1.956	1.960	4.826
#3	1.963	39.90	1.997	1.983	1.973	1.924	1.957	1.965	4.829
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 18:51:43 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.064	2.000	2.042	2.137	2.030	2.006	2.065	2.046
Stddev	.003	.003	.003	.002	.004	.002	.003	.002
%RSD	.1454	.1441	.1478	.0923	.1748	.1201	.1344	.0882
#1	2.066	1.999	2.045	2.137	2.034	2.009	2.066	2.047
#2	2.064	1.999	2.040	2.134	2.028	2.005	2.068	2.047
#3	2.060	2.004	2.040	2.138	2.027	2.004	2.063	2.044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5952.4	98970.	10042.	2277.7
Stddev	7.4	291.	135.	4.3
%RSD	.12476	.29374	1.3440	.19021
#1	5953.6	99300.	10141.	2279.8
#2	5944.4	98750.	9888.5	2272.7
#3	5959.1	98861.	10097.	2280.5

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 18:56:17 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0124**	**-.0004**	**-.0009**	**.0002**	**.0001**	**-.0009**	**.0114**	**-.0001**
Stddev	.0002	.0116	.0013	.0005	.0003	.0000	.0010	.0015	.0001
%RSD	20.34	93.88	336.8	57.71	131.6	79.07	109.2	13.29	223.4
#1	-.0009	.0214	.0010	-.0004	.0005	.0001	-.0020	.0108	-.0001
#2	-.0013	-.0008	-.0015	-.0009	.0000	.0000	.0000	.0102	.0001
#3	-.0009	.0166	-.0006	-.0015	.0001	.0001	-.0008	.0131	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0052**	**.0002**	**.0002**	**-.0001**	**.0045**	**.0778**	**.0022**	**.0029**	**.0001**
Stddev	.0011	.0001	.0004	.0004	.0006	.0256	.0024	.0159	.0000
%RSD	21.09	52.84	183.0	550.9	13.63	32.95	111.0	551.6	32.16
#1	-.0039	.0001	-.0001	-.0004	.0038	.1072	.0024	.0089	.0002
#2	-.0057	.0002	.0006	-.0003	.0048	.0599	.0045	-.0151	.0001
#3	-.0060	.0003	.0001	.0004	.0049	.0663	-.0003	.0149	.0001
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0743**	**.0006**	**.0007**	**.0001**	**.0006**	**.0006**	**.0011**	**.0006**
Stddev	.0003	.0040	.0001	.0013	.0005	.0021	.0019	.0031	.0005
%RSD	100.4	5.407	25.70	191.8	457.4	320.0	296.4	280.6	83.64
#1	-.0004	.0732	.0004	.0001	.0006	-.0005	.0013	.0044	.0003
#2	.0000	.0709	.0007	.0022	.0001	-.0006	-.0015	-.0019	.0012
#3	-.0006	.0787	.0006	-.0002	-.0003	.0030	.0021	.0009	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 18:56:17 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0001**	**.0003**	**-.0011**	**.0002**	**.0008**	**.0006**	**.0002**
Stddev	.0009	.0002	.0004	.0013	.0001	.0005	.0002	.0001
%RSD	408.7	225.6	132.7	125.0	62.60	64.79	40.17	39.13
#1	-.0012	.0002	.0001	.0004	.0001	.0003	.0008	.0003
#2	.0004	.0001	.0001	-.0013	.0003	.0007	.0006	.0001
#3	.0002	-.0001	.0008	-.0023	.0003	.0013	.0003	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6331.8**	**101520.**	**10083.**	**2322.1**
Stddev	6.4	672.	54.	2.9
%RSD	.10096	.66178	.53656	.12670
#1	6326.9	101680.	10027.	2323.0
#2	6329.6	102100.	10135.	2318.8
#3	6339.1	100790.	10087.	2324.5

Zoom In Zoom Out

Sample Name: JE4767-1conf Acquired: 1/29/2025 19:01:13 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.1928**	**.0008**	**.0249**	**.0098**	**-.0001**	**-.0005**	**17.60**
Stddev	.0003	.0110	.0016	.0006	.0001	.0001	.0026	.03
%RSD	34.39	5.724	189.3	2.444	.8311	117.8	514.0	.1558
#1	-.0013	.1885	-.0005	.0244	.0099	-.0001	.0025	17.59
#2	-.0009	.2053	.0026	.0255	.0098	-.0000	-.0019	17.62
#3	-.0007	.1846	.0005	.0247	.0098	-.0000	-.0020	17.57

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0117**	**.0003**	**.0071**	**.0212**	**.6483**	**19.68**	**.0037**
Stddev	.0003	.0009	.0002	.0003	.0002	.0055	.02	.0018
%RSD	148.2	7.756	78.58	4.755	.7356	.8428	.1089	49.15
#1	-.0003	-.0106	.0003	.0073	.0212	.6546	19.69	.0042
#2	.0001	-.0123	.0001	.0067	.0214	.6448	19.66	.0017
#3	-.0006	-.0121	.0005	.0073	.0211	.6455	19.70	.0052

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.549**	**.0172**	**.0025**	W **283.3**	**.0049**	**7.637**	**.0009**	**7.515**
Stddev	.033	.0001	.0003	7.0	.0005	.043	.0003	.013
%RSD	.5853	.3590	13.39	2.475	10.12	.5660	35.64	.1704
#1	5.587	.0173	.0025	286.1	.0046	7.687	.0007	7.527
#2	5.527	.0172	.0028	288.4	.0047	7.618	.0012	7.516
#3	5.534	.0171	.0022	275.3	.0055	7.607	.0007	7.501

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0010**	**1.926**	**.0001**	**.0561**	**.0010**	**.0042**	**-.0000**
Stddev	.0020	.0004	.002	.0007	.0002	.0005	.0014	.0002
%RSD	288.9	37.76	.1223	1017.	.3938	49.39	33.52	1197.
#1	.0024	.0007	1.928	-.0007	.0563	.0005	.0039	.0001
#2	-.0015	.0015	1.926	.0001	.0558	.0010	.0056	.0001
#3	.0011	.0010	1.924	.0008	.0561	.0014	.0029	-.0003

Zoom In Zoom Out

Sample Name: JE4767-1conf Acquired: 1/29/2025 19:01:13 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0024**	**.1857**	**-.0012**
Stddev	.0008	.0008	.0001
%RSD	35.01	.4041	11.23
#1	.0032	.1864	-.0012
#2	.0016	.1858	-.0010
#3	.0024	.1849	-.0013

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5846.9**	**100740.**	**10222.**	**2258.1**
Stddev	19.1	497.	44.	10.9
%RSD	.32646	.49373	.42823	.48093
#1	5825.4	100720.	10173.	2246.0
#2	5853.3	100250.	10234.	2261.5
#3	5862.0	101240.	10258.	2266.9

Zoom In Zoom Out

Sample Name: MP52431-SD1conf Acquired: 1/29/2025 19:06:10 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0034**	**.1973**	**.0000**	**.0237**	**.0084**	**-.0003**	**-.0036**	**17.36**	**-.0011**
Stddev	.0007	.0387	.0092	.0027	.0008	.0002	.0019	.06	.0012
%RSD	19.36	19.61	18970.	11.55	9.470	68.31	52.94	.3436	110.2
#1	-.0031	.2412	-.0105	.0220	.0093	-.0004	-.0044	17.38	-.0003
#2	-.0029	.1683	.0054	.0223	.0083	-.0002	-.0014	17.29	-.0026
#3	-.0041	.1823	.0052	.0269	.0077	-.0001	-.0048	17.41	-.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0213**	**.0000**	**.0075**	**.0204**	**.6259**	**18.84**	**.0129**	**5.415**	**.0173**
Stddev	.0066	.0011	.0012	.0023	.0150	.27	.0112	.152	.0001
%RSD	30.92	3695.	16.42	11.44	2.396	1.417	86.40	2.806	.5957
#1	-.0254	-.0011	.0063	.0223	.6259	18.53	.0095	5.503	.0174
#2	-.0247	.0000	.0088	.0178	.6109	18.96	.0039	5.239	.0172
#3	-.0137	.0011	.0075	.0210	.6409	19.03	.0254	5.503	.0173

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0026**	**282.2**	**.0062**	**7.462**	**.0041**	**7.312**	**-.0063**	**.0095**	**1.905**
Stddev	.0011	.6	.0012	.002	.0026	.029	.0023	.0054	.002
%RSD	40.62	.2286	19.44	.0277	64.66	.4015	36.89	56.70	.0775
#1	.0014	282.4	.0051	7.462	.0053	7.292	-.0076	.0157	1.904
#2	.0034	281.4	.0061	7.460	.0059	7.345	-.0036	.0054	1.906
#3	.0032	282.6	.0075	7.464	.0011	7.297	-.0076	.0075	1.904

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0022**	**.0554**	**.0017**	**-.0229**	**.0000**	**.0035**	**.1823**	**-.0017**
Stddev	.0036	.0003	.0015	.0093	.0016	.0032	.0013	.0003
%RSD	169.4	.5892	85.87	40.54	3209.	90.24	.7022	15.41
#1	.0021	.0553	.0005	-.0133	-.0017	.0057	.1824	-.0014
#2	-.0041	.0552	.0033	-.0318	.0004	.0051	.1836	-.0017
#3	-.0044	.0558	.0013	-.0235	.0014	-.0001	.1810	-.0019

Zoom In Zoom Out

Sample Name: MP52431-SD1conf Acquired: 1/29/2025 19:06:10 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6156.6**	**101240.**	**10192.**	**2302.7**
Stddev	11.8	220.	3.	4.6
%RSD	.19159	.21737	.03023	.20153
#1	6161.5	101440.	10194.	2304.6
#2	6143.1	101000.	10189.	2297.4
#3	6165.1	101290.	10194.	2306.1

Zoom In Zoom Out

Sample Name: JE4739-1 Acquired: 1/29/2025 19:11:03 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0276**	**-.0009**	**.0167**	**.0054**	**-.0001**	**-.0004**	**3.755**	**.0001**
Stddev	.0001	.0044	.0014	.0011	.0006	.0000	.0012	.006	.0002
%RSD	7.614	15.81	149.9	6.663	12.04	28.88	279.3	.1519	209.2
#1	-.0011	.0230	.0004	.0178	.0050	-.0001	.0009	3.749	-.0001
#2	-.0011	.0282	-.0024	.0167	.0051	-.0001	-.0008	3.754	.0001
#3	-.0012	.0316	-.0009	.0156	.0061	-.0001	-.0014	3.761	.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0037**	**.0029**	**.0004**	**.0066**	**.0094**	**.6424**	**.0007**	**1.464**	**.0015**
Stddev	.0027	.0005	.0001	.0005	.0014	.0113	.0016	.016	.0001
%RSD	72.54	19.17	18.18	8.001	14.74	1.765	244.8	1.088	4.144
#1	-.0045	.0027	.0003	.0072	.0089	.6296	.0010	1.476	.0015
#2	-.0060	.0035	.0004	.0062	.0083	.6514	.0021	1.470	.0016
#3	-.0007	.0024	.0005	.0063	.0109	.6461	-.0011	1.446	.0015

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**10.51**	**.0035**	**.0085**	**.0002**	**.4703**	**-.0002**	**.0016**	**3.306**
Stddev	.0004	.02	.0004	.0024	.0009	.0037	.0006	.0023	.012
%RSD	420.4	.2324	11.05	27.71	542.9	.7824	377.0	145.6	.3497
#1	-.0004	10.49	.0035	.0093	.0011	.4724	-.0008	-.0008	3.313
#2	-.0002	10.52	.0031	.0104	-.0003	.4725	.0002	.0038	3.313
#3	.0003	10.54	.0039	.0059	-.0003	.4661	.0001	.0018	3.293

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0174**	**-.0001**	**-.0055**	**.0005**	**.0028**	**.0476**	**-.0024**
Stddev	.0004	.0000	.0004	.0023	.0001	.0008	.0002	.0001
%RSD	38.09	.1830	753.8	41.03	20.53	29.00	.3704	3.707
#1	-.0012	.0174	.0001	-.0043	.0004	.0030	.0478	-.0023
#2	-.0006	.0175	.0003	-.0041	.0005	.0019	.0476	-.0025
#3	-.0014	.0175	-.0005	-.0081	.0005	.0036	.0474	-.0025

Zoom In Zoom Out

Sample Name: JE4739-1 Acquired: 1/29/2025 19:11:03 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6348.1**	**102460.**	**10159.**	**2340.4**
Stddev	20.5	419.	80.	9.9
%RSD	.32338	.40893	.78986	.42453
#1	6334.9	102070.	10196.	2332.2
#2	6337.6	102410.	10215.	2337.6
#3	6371.7	102900.	10067.	2351.4

Zoom In Zoom Out

Sample Name: JE4739-2 Acquired: 1/29/2025 19:15:57 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.1631**	**-.0009**	**.0091**	**.0050**	**-.0001**	**-.0011**	**3.492**	**.0001**
Stddev	.0002	.0124	.0004	.0005	.0003	.0001	.0006	.011	.0004
%RSD	20.50	7.584	43.31	5.035	6.007	112.9	53.47	.3195	336.7
#1	-.0010	.1773	-.0013	.0096	.0051	-.0000	-.0007	3.496	-.0002
#2	-.0008	.1574	-.0005	.0089	.0053	-.0000	-.0018	3.480	.0001
#3	-.0012	.1545	-.0011	.0088	.0047	-.0002	-.0008	3.501	.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0051**	**.0023**	**.0006**	**.0026**	**.0243**	**.6691**	**.0005**	**1.383**	**.0009**
Stddev	.0023	.0003	.0002	.0004	.0013	.0526	.0009	.020	.0001
%RSD	44.81	15.17	39.29	13.63	5.529	7.856	195.3	1.429	5.519
#1	-.0036	.0025	.0005	.0025	.0229	.6769	-.0001	1.364	.0009
#2	-.0077	.0019	.0005	.0030	.0255	.7174	.0016	1.403	.0009
#3	-.0039	.0024	.0009	.0023	.0245	.6131	-.0000	1.382	.0010

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**14.47**	**.0033**	**.0175**	**.0005**	**2.355**	**-.0002**	**-.0006**	**3.528**
Stddev	.0002	.01	.0007	.0014	.0008	.018	.0008	.0017	.021
%RSD	2878.	.0860	19.82	8.254	142.5	.7581	369.1	292.8	.5924
#1	-.0001	14.48	.0031	.0158	-.0003	2.374	.0001	.0011	3.538
#2	-.0000	14.45	.0040	.0183	.0007	2.353	-.0012	-.0022	3.542
#3	.0002	14.46	.0028	.0183	.0012	2.338	.0004	-.0006	3.504

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0160**	**.0003**	**.0013**	**.0004**	**.0022**	**.0137**	**-.0027**
Stddev	.0010	.0001	.0003	.0015	.0001	.0008	.0001	.0001
%RSD	255.8	.5399	80.73	121.7	31.10	36.96	.8504	2.286
#1	.0007	.0160	.0000	.0017	.0005	.0013	.0137	-.0028
#2	-.0006	.0161	.0004	.0025	.0003	.0024	.0136	-.0027
#3	-.0013	.0160	.0005	-.0005	.0005	.0029	.0138	-.0028

Zoom In Zoom Out

Sample Name: JE4739-2 Acquired: 1/29/2025 19:15:57 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6354.9**	**102310.**	**10199.**	**2343.0**
Stddev	26.2	291.	14.	14.4
%RSD	.41239	.28461	.13715	.61517
#1	6331.4	102360.	10212.	2332.7
#2	6350.3	102000.	10202.	2336.9
#3	6383.2	102580.	10184.	2359.5

Zoom In Zoom Out

Sample Name: JE4739-3 Acquired: 1/29/2025 19:20:49 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0171**	**-.0012**	**.0051**	**.0031**	**-.0002**	**-.0028**	**3.094**	**-.0000**
Stddev	.0002	.0186	.0008	.0005	.0003	.0000	.0018	.005	.0004
%RSD	13.50	108.8	67.93	8.904	10.51	9.214	64.48	.1769	85670.
#1	-.0013	.0209	-.0019	.0056	.0035	-.0001	-.0026	3.099	-.0000
#2	-.0012	.0336	-.0014	.0048	.0029	-.0002	-.0048	3.095	.0004
#3	-.0010	-.0031	-.0003	.0050	.0030	-.0002	-.0011	3.088	-.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0153**	**.0027**	**.0004**	**.0019**	**.0082**	**.5469**	**.0011**	**1.202**	**.0025**
Stddev	.0027	.0003	.0002	.0003	.0034	.0154	.0017	.005	.0000
%RSD	17.99	9.501	44.99	14.45	41.34	2.810	158.7	.3793	.6350
#1	-.0184	.0026	.0006	.0021	.0055	.5353	.0003	1.199	.0025
#2	-.0142	.0025	.0003	.0016	.0120	.5411	-.0001	1.207	.0026
#3	-.0133	.0030	.0003	.0019	.0072	.5643	.0030	1.199	.0025

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**7.905**	**.0033**	**.0163**	**.0001**	**.5590**	**-.0005**	**.0011**	**3.280**
Stddev	.0004	.004	.0003	.0013	.0007	.0039	.0010	.0009	.008
%RSD	250.8	.0516	10.04	7.849	611.7	.7054	180.8	82.41	.2558
#1	-.0003	7.906	.0035	.0153	-.0006	.5577	.0006	.0020	3.286
#2	.0005	7.908	.0030	.0177	.0002	.5635	-.0014	.0010	3.284
#3	.0002	7.900	.0036	.0158	.0007	.5559	-.0008	.0002	3.270

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0153**	**-.0002**	**-.0053**	**.0001**	**.0031**	**.0042**	**-.0027**
Stddev	.0015	.0001	.0003	.0020	.0003	.0007	.0003	.0001
%RSD	1303.	.8870	108.3	36.94	345.6	23.19	6.011	4.767
#1	-.0016	.0152	.0001	-.0055	-.0000	.0022	.0044	-.0027
#2	.0008	.0152	-.0004	-.0071	.0005	.0036	.0039	-.0028
#3	.0012	.0154	-.0004	-.0032	-.0001	.0034	.0043	-.0026

Zoom In Zoom Out

Sample Name: JE4739-3 Acquired: 1/29/2025 19:20:49 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6393.1**	**102760.**	**10257.**	**2354.4**
Stddev	13.9	542.	44.	5.8
%RSD	.21745	.52769	.42617	.24691
#1	6380.4	102980.	10207.	2349.9
#2	6391.1	102150.	10272.	2352.2
#3	6408.0	103170.	10291.	2361.0

Zoom In Zoom Out

Sample Name: JE4738-1 1 Acquired: 1/29/2025 19:25:43 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: MP52427/MN

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.0168**	**-.0006**	**.0267**	**.0623**	**.0000**	**.0011**	**14.66**	**-.0002**
Stddev	.0004	.0126	.0008	.0007	.0004	.0000	.0016	.03	.0002
%RSD	34.39	74.90	133.4	2.498	.6184	229.3	145.3	.1995	122.4
#1	-.0016	.0303	-.0014	.0268	.0627	.0001	.0008	14.66	-.0003
#2	-.0010	.0146	-.0003	.0260	.0622	-.0000	.0028	14.69	-.0002
#3	-.0009	.0054	.0001	.0273	.0619	.0000	-.0003	14.64	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0152**	**.0027**	**.0012**	**.0012**	**.1902**	**2.146**	**-.0006**	**3.432**	**.0530**
Stddev	.0020	.0001	.0002	.0003	.0006	.017	.0028	.004	.0002
%RSD	13.39	3.239	14.12	20.38	.3126	.7940	441.3	.1227	.3504
#1	-.0143	.0028	.0012	.0013	.1906	2.146	-.0028	3.437	.0529
#2	-.0138	.0027	.0013	.0010	.1895	2.162	-.0016	3.431	.0532
#3	-.0175	.0027	.0010	.0015	.1905	2.128	.0025	3.428	.0528

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**131.4**	**.0064**	**.0036**	**.0006**	**6.744**	**-.0008**	**-.0023**	**3.115**
Stddev	.0003	.3	.0003	.0009	.0005	.013	.0006	.0024	.006
%RSD	695.8	.2075	4.305	24.21	73.58	.1887	70.54	106.2	.1826
#1	.0003	131.4	.0065	.0038	.0011	6.743	-.0014	-.0050	3.115
#2	.0002	131.6	.0066	.0043	.0005	6.731	-.0002	-.0006	3.109
#3	-.0003	131.1	.0061	.0026	.0003	6.757	-.0008	-.0012	3.121

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0019**	**.1121**	**-.0000**	**-.0031**	**.0001**	**.0024**	**.0102**	**-.0022**
Stddev	.0018	.0003	.0003	.0022	.0003	.0006	.0003	.0003
%RSD	93.22	.2396	19870.	69.74	336.0	24.74	3.061	12.12
#1	-.0013	.1120	.0003	-.0016	.0002	.0026	.0106	-.0023
#2	-.0005	.1124	-.0001	-.0021	.0003	.0018	.0100	-.0023
#3	-.0039	.1119	-.0003	-.0056	-.0003	.0029	.0100	-.0019

Zoom In Zoom Out

Sample Name: JE4738-1 1 Acquired: 1/29/2025 19:25:43 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: MP52427/MN

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6084.1**	**100530.**	**10104.**	**2294.9**
Stddev	14.5	357.	87.	2.7
%RSD	.23912	.35550	.86123	.11746
#1	6075.2	100210.	10140.	2292.6
#2	6100.9	100480.	10004.	2297.9
#3	6076.2	100910.	10167.	2294.2

Zoom In Zoom Out

Sample Name: MP52374-S1 7 Acquired: 1/29/2025 19:30:36 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2241**	**73.35**	**1.934**	**1.740**	**2.751**	**1.794**	**-.0147**	**55.00**
Stddev	.0006	.11	.003	.003	.003	.001	.0017	.05
%RSD	.2752	.1539	.1277	.1778	.1230	.0610	11.72	.0922
#1	.2248	73.32	1.937	1.740	2.748	1.795	-.0135	55.00
#2	.2236	73.48	1.935	1.737	2.755	1.795	-.0140	55.05
#3	.2239	73.26	1.932	1.743	2.751	1.793	-.0167	54.95

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.813**	**.2627**	**1.808**	**1.872**	**2.569**	F **243.3**	**24.88**	**.0543**
Stddev	.001	.0044	.006	.002	.003	.3	.04	.0006
%RSD	.0623	1.671	.3495	.0853	.1096	.1352	.1784	1.166
#1	1.815	.2672	1.813	1.872	2.572	243.3	24.91	.0541
#2	1.812	.2584	1.809	1.874	2.567	243.7	24.83	.0538
#3	1.813	.2626	1.801	1.871	2.567	243.0	24.91	.0550

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**26.74**	**3.193**	**1.669**	**23.01**	**1.888**	**3.961**	**3.529**	**4.784**
Stddev	.09	.031	.001	.02	.005	.002	.010	.009
%RSD	.3282	.9708	.0556	.0672	.2694	.0516	.2850	.1834
#1	26.79	3.218	1.669	22.99	1.892	3.963	3.539	4.778
#2	26.79	3.158	1.670	23.02	1.889	3.961	3.530	4.794
#3	26.64	3.202	1.668	23.01	1.882	3.959	3.519	4.780

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.287**	**1.659**	**1.640**	**1.865**	**2.286**	**3.803**	W **1.584**	**1.917**
Stddev	.002	.001	.005	.001	.002	.003	.003	.002
%RSD	.1688	.0324	.2987	.0493	.0848	.0891	.1907	.0903
#1	1.285	1.658	1.639	1.865	2.284	3.806	1.586	1.918
#2	1.286	1.659	1.636	1.865	2.288	3.803	1.581	1.917
#3	1.289	1.659	1.646	1.864	2.285	3.799	1.586	1.915

Zoom In Zoom Out

Sample Name: MP52374-S1 7 Acquired: 1/29/2025 19:30:36 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.247**	**5.041**	**1.771**
Stddev	.002	.004	.002
%RSD	.1699	.0806	.1277
#1	1.247	5.045	1.774
#2	1.250	5.042	1.771
#3	1.245	5.037	1.769

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6228.3**	**104330.**	**10682.**	**2385.4**
Stddev	7.9	283.	28.	2.4
%RSD	.12753	.27078	.26121	.10159
#1	6223.1	104510.	10672.	2388.2
#2	6224.5	104010.	10661.	2384.2
#3	6237.5	104480.	10713.	2383.9

Zoom In Zoom Out

Sample Name: MP52374-S2 Acquired: 1/29/2025 19:35:20 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2310**	**66.43**	**1.954**	**1.786**	**2.827**	**1.848**	**-.0124**	**56.92**
Stddev	.0004	.09	.002	.002	.005	.002	.0004	.06
%RSD	.1728	.1387	.1147	.1065	.1946	.1219	3.380	.0976
#1	.2309	66.41	1.952	1.786	2.824	1.848	-.0119	56.98
#2	.2314	66.52	1.956	1.788	2.833	1.850	-.0127	56.89
#3	.2306	66.34	1.955	1.785	2.824	1.846	-.0124	56.88

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.876**	**.2421**	**1.872**	**1.917**	**2.470**	F **213.8**	**25.15**	**.0445**
Stddev	.002	.0045	.001	.002	.004	.1	.03	.0014
%RSD	.0821	1.879	.0518	.0821	.1406	.0280	.1223	3.191
#1	1.877	.2385	1.871	1.919	2.470	213.8	25.12	.0440
#2	1.875	.2405	1.871	1.917	2.474	213.9	25.15	.0435
#3	1.875	.2472	1.873	1.916	2.467	213.8	25.18	.0461

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**28.51**	**3.015**	**1.715**	**23.40**	**1.938**	**3.785**	**3.270**	**7.389**
Stddev	.09	.043	.002	.01	.002	.008	.003	.008
%RSD	.3138	1.427	.1311	.0335	.1179	.2040	.0772	.1120
#1	28.60	3.025	1.717	23.40	1.939	3.789	3.269	7.380
#2	28.42	2.968	1.716	23.41	1.935	3.790	3.268	7.389
#3	28.51	3.053	1.713	23.40	1.940	3.776	3.273	7.397

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.323**	**1.711**	**1.299**	**1.897**	**2.326**	**3.619**	W **1.661**	**1.970**
Stddev	.006	.003	.001	.005	.004	.005	.004	.002
%RSD	.4512	.1626	.0451	.2782	.1558	.1312	.2303	.1158
#1	1.327	1.715	1.299	1.902	2.324	3.623	1.663	1.972
#2	1.325	1.710	1.298	1.898	2.330	3.619	1.662	1.968
#3	1.316	1.710	1.300	1.892	2.323	3.614	1.656	1.968

Zoom In Zoom Out

Sample Name: MP52374-S2 Acquired: 1/29/2025 19:35:20 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.207**	**4.316**	**1.819**
Stddev	.004	.006	.001
%RSD	.3014	.1464	.0741
#1	1.207	4.321	1.820
#2	1.211	4.319	1.820
#3	1.204	4.309	1.817

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6202.5**	**104020.**	**10682.**	**2380.3**
Stddev	12.2	290.	89.	7.3
%RSD	.19733	.27907	.82906	.30755
#1	6189.1	103940.	10632.	2373.7
#2	6205.5	104350.	10784.	2378.9
#3	6213.0	103790.	10630.	2388.1

Zoom In Zoom Out

Sample Name: JE4559-4 Acquired: 1/29/2025 19:40:03 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0049**	**67.87**	**.2166**	**.0700**	**.9363**	**.0080**	W **-.0191**	**51.40**
Stddev	.0001	.03	.0014	.0018	.0008	.0001	.0009	.07
%RSD	2.735	.0383	.6298	2.548	.0868	1.612	4.762	.1346
#1	.0048	67.89	.2152	.0696	.9371	.0080	-.0201	51.44
#2	.0048	67.84	.2165	.0684	.9362	.0082	-.0188	51.32
#3	.0050	67.89	.2180	.0719	.9355	.0079	-.0184	51.45

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0161**	**.2624**	**.0491**	**.1660**	**1.423**	F **227.5**	**4.911**	**.0356**
Stddev	.0001	.0031	.0002	.0003	.002	.2	.037	.0007
%RSD	.7168	1.178	.3682	.1529	.1096	.1047	.7506	1.837
#1	.0163	.2600	.0493	.1657	1.424	227.5	4.952	.0364
#2	.0161	.2659	.0490	.1661	1.425	227.3	4.903	.0353
#3	.0161	.2613	.0489	.1662	1.422	227.7	4.880	.0352

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.24**	**1.881**	**.0262**	**3.920**	**.1824**	**2.572**	**2.273**	**5.847**
Stddev	.08	.005	.0002	.003	.0005	.001	.002	.011
%RSD	.6289	.2712	.8732	.0816	.2677	.0177	.0756	.1834
#1	12.24	1.877	.0260	3.919	.1825	2.572	2.272	5.859
#2	12.33	1.880	.0262	3.918	.1819	2.572	2.272	5.838
#3	12.17	1.887	.0264	3.924	.1829	2.573	2.275	5.844

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0244**	**.0044**	**1.171**	**.0988**	**.4245**	**1.692**	**.0085**	**.1769**
Stddev	.0007	.0035	.003	.0013	.0006	.004	.0015	.0008
%RSD	2.994	79.83	.2529	1.315	.1380	.2136	17.96	.4743
#1	.0246	.0084	1.171	.0978	.4247	1.688	.0095	.1760
#2	.0251	.0024	1.174	.0984	.4238	1.692	.0068	.1770
#3	.0236	.0023	1.169	.1003	.4249	1.695	.0093	.1777

Zoom In Zoom Out

Sample Name: JE4559-4 Acquired: 1/29/2025 19:40:03 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0476**	**2.923**	**.0512**
Stddev	.0003	.005	.0000
%RSD	.6842	.1563	.0426
#1	.0473	2.926	.0512
#2	.0479	2.926	.0512
#3	.0475	2.918	.0512

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6290.7**	**103750.**	**10569.**	**2384.9**
Stddev	12.4	735.	28.	4.7
%RSD	.19783	.70884	.26866	.19668
#1	6302.4	104380.	10573.	2388.1
#2	6277.6	103910.	10595.	2379.5
#3	6292.1	102940.	10539.	2387.0

Zoom In Zoom Out

Sample Name: MP52374-SD1 Acquired: 1/29/2025 19:44:49 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0027**	**-.2177**	**.0084**	**-.0316**	**-.0041**	**-.0011**	**-.0181**	**.0210**
Stddev	.0018	.0579	.0020	.0023	.0010	.0000	.0053	.0022
%RSD	65.13	26.59	23.44	7.218	24.48	4.187	29.01	10.42
#1	-.0026	-.2076	.0098	-.0302	-.0031	-.0011	-.0123	.0235
#2	-.0010	-.2800	.0094	-.0304	-.0051	-.0010	-.0198	.0194
#3	-.0045	-.1656	.0062	-.0342	-.0041	-.0011	-.0224	.0200

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0021**	**.0084**	**-.0018**	**.0008**	F **-.0541**	**-.0064**	**-.3744**	**.0018**
Stddev	.0006	.0097	.0007	.0014	.0005	.0049	.2035	.0001
%RSD	28.24	115.5	39.57	165.3	.9552	76.55	54.36	6.290
#1	-.0021	.0038	-.0010	.0014	-.0538	-.0118	-.2574	.0018
#2	-.0015	.0019	-.0025	.0018	-.0539	-.0024	-.6094	.0018
#3	-.0027	.0195	-.0020	-.0007	-.0547	-.0049	-.2564	.0020

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0785**	**.0000**	**-.0005**	**-.2658**	**-.0012**	**.0092**	**-.0022**	**.0070**
Stddev	.0660	.0000	.0008	.0147	.0014	.0062	.0043	.0023
%RSD	84.06	133.0	166.6	5.517	114.9	67.39	194.1	33.54
#1	-.0025	.0000	-.0013	-.2497	.0003	.0157	-.0022	.0097
#2	-.1117	-.0000	.0004	-.2784	-.0015	.0084	.0021	.0053
#3	-.1213	.0000	-.0007	-.2694	-.0024	.0034	-.0066	.0060

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0137**	**-.0061**	**-.0798**	**-.0004**	**-.0003**	**-.0022**	**-.0189**	**-.0002**
Stddev	.0029	.0044	.0022	.0013	.0004	.0002	.0093	.0004
%RSD	21.50	71.34	2.813	301.2	139.8	10.86	49.20	182.6
#1	.0107	-.0023	-.0784	.0003	.0001	-.0024	-.0098	-.0007
#2	.0166	-.0052	-.0823	-.0019	-.0007	-.0020	-.0284	.0001
#3	.0139	-.0109	-.0786	.0004	-.0003	-.0021	-.0187	-.0000

Zoom In Zoom Out

Sample Name: MP52374-SD1 Acquired: 1/29/2025 19:44:49 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0084**	**.0006**	**-.0023**
Stddev	.0020	.0002	.0001
%RSD	24.15	32.84	5.576
#1	-.0066	.0004	-.0021
#2	-.0079	.0007	-.0022
#3	-.0106	.0007	-.0024

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15269.**	**238500.**	**18249.**	**5808.7**
Stddev	30.	1698.	84.	7.7
%RSD	.19466	.71191	.45761	.13238
#1	15265.	237500.	18232.	5808.5
#2	15241.	240460.	18175.	5801.1
#3	15300.	237540.	18340.	5816.4

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 19:49:51 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2487**	**40.09**	**1.926**	**2.024**	**1.948**	**2.034**	**2.019**	**40.85**	**2.044**
Stddev	.0004	.07	.002	.002	.002	.001	.003	.04	.003
%RSD	.1688	.1759	.1187	.1022	.1087	.0470	.1600	.0932	.1454
#1	.2491	40.04	1.926	2.026	1.946	2.035	2.021	40.85	2.046
#2	.2482	40.17	1.924	2.021	1.948	2.035	2.016	40.89	2.040
#3	.2487	40.05	1.928	2.024	1.950	2.033	2.022	40.81	2.045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.111**	**2.032**	**2.035**	**1.927**	**40.15**	**39.78**	**1.947**	**40.78**	**2.049**
Stddev	.000	.003	.001	.002	.07	.12	.002	.18	.003
%RSD	.0171	.1639	.0572	.1244	.1782	.3133	.1065	.4532	.1611
#1	2.111	2.034	2.034	1.929	40.17	39.70	1.947	40.88	2.051
#2	2.110	2.033	2.036	1.927	40.21	39.92	1.950	40.90	2.049
#3	2.111	2.028	2.036	1.925	40.07	39.72	1.946	40.57	2.045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.946**	**40.07**	**1.994**	**1.986**	**1.961**	**1.903**	**1.936**	**1.944**	**4.800**
Stddev	.004	.04	.004	.006	.004	.001	.002	.010	.007
%RSD	.1832	.1008	.1900	.2959	.2258	.0618	.1033	.5051	.1412
#1	1.947	40.07	1.996	1.991	1.963	1.905	1.938	1.945	4.803
#2	1.941	40.11	1.996	1.979	1.964	1.903	1.935	1.933	4.792
#3	1.948	40.03	1.990	1.987	1.956	1.903	1.934	1.953	4.805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 19:49:51 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.072**	**2.026**	**2.047**	**2.174**	**2.026**	**2.006**	**2.086**	**2.051**
Stddev	.003	.002	.004	.009	.004	.004	.001	.003
%RSD	.1214	.1105	.2046	.4139	.2211	.1865	.0504	.1295
#1	2.073	2.023	2.049	2.175	2.030	2.010	2.086	2.054
#2	2.069	2.027	2.049	2.183	2.027	2.002	2.084	2.051
#3	2.074	2.027	2.042	2.165	2.021	2.007	2.086	2.049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5972.6**	**98343.**	**9916.0**	**2286.4**
Stddev	11.4	131.	65.3	2.0
%RSD	.19014	.13319	.65834	.08657
#1	5966.4	98455.	9915.6	2284.2
#2	5965.6	98199.	9850.9	2288.0
#3	5985.7	98376.	9981.5	2286.9

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 19:54:25 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0059**	**-.0015**	**-.0009**	**.0002**	**-.0000**	**-.0000**	**.0167**	**-.0001**
Stddev	.0004	.0114	.0009	.0012	.0004	.0001	.0021	.0003	.0003
%RSD	36.33	193.2	61.27	128.9	220.3	316.7	5947.	1.910	342.3
#1	-.0016	.0020	-.0016	.0004	.0001	-.0000	.0012	.0169	-.0003
#2	-.0009	.0188	-.0025	-.0018	.0006	.0001	.0011	.0163	-.0002
#3	-.0009	-.0030	-.0006	-.0014	-.0002	-.0002	-.0025	.0168	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0179**	**.0001**	**.0003**	**-.0001**	**.0024**	**.0379**	**.0005**	**.0009**	**.0002**
Stddev	.0053	.0002	.0004	.0001	.0016	.0367	.0010	.0039	.0001
%RSD	29.39	180.9	128.0	96.51	67.05	96.77	227.3	426.5	24.86
#1	-.0151	-.0001	-.0001	-.0002	.0041	.0648	-.0006	.0035	.0002
#2	-.0146	.0001	.0004	-.0002	.0023	-.0039	.0015	.0029	.0001
#3	-.0240	.0003	.0006	.0000	.0009	.0527	.0004	-.0036	.0002
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0049**	**.0004**	**.0000**	**.0005**	**.0018**	**.0005**	**.0005**	**.0008**
Stddev	.0003	.0101	.0002	.0005	.0006	.0011	.0009	.0031	.0007
%RSD	550.0	206.3	48.29	1086.	110.9	60.41	178.8	592.1	91.56
#1	.0002	-.0017	.0003	-.0005	.0007	.0006	.0014	.0004	.0014
#2	.0003	.0165	.0003	.0006	.0010	.0026	.0006	.0036	.0000
#3	-.0003	-.0001	.0006	.0001	-.0001	.0021	-.0004	-.0025	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 19:54:25 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0002**	**.0001**	**-.0004**	**.0002**	**.0008**	**.0003**	**.0002**
Stddev	.0009	.0001	.0002	.0020	.0001	.0014	.0001	.0001
%RSD	1968.	56.73	163.3	513.8	64.52	178.1	18.38	38.36
#1	.0000	.0003	-.0000	.0018	.0003	-.0006	.0004	.0003
#2	.0009	.0002	.0001	-.0021	.0001	.0008	.0003	.0001
#3	-.0008	.0001	.0003	-.0009	.0001	.0021	.0004	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6349.3**	**100800.**	**9994.1**	**2326.5**
Stddev	10.8	227.	64.4	4.7
%RSD	.16939	.22549	.64403	.20268
#1	6358.6	100670.	9926.1	2331.6
#2	6351.9	101070.	10054.	2325.9
#3	6337.5	100670.	10002.	2322.2

Zoom In Zoom Out

Sample Name: MP52374-PS1 Acquired: 1/29/2025 19:59:21 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2549**	**91.00**	**2.085**	**2.039**	**2.814**	**2.007**	**-.0080**	**74.70**
Stddev	.0004	.02	.021	.015	.002	.001	.0012	.04
%RSD	.1713	.0214	1.009	.7291	.0760	.0435	14.45	.0524
#1	.2554	91.02	2.095	2.040	2.816	2.008	-.0068	74.74
#2	.2546	90.99	2.061	2.023	2.813	2.006	-.0081	74.70
#3	.2546	90.98	2.098	2.053	2.812	2.007	-.0091	74.66

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.045**	**.2620**	**2.025**	**2.134**	**3.333**	F **242.9**	**29.73**	**.0403**
Stddev	.019	.0037	.015	.004	.003	.0	.05	.0011
%RSD	.9209	1.401	.7583	.1901	.0994	.0192	.1706	2.612
#1	2.053	.2653	2.031	2.130	3.329	242.9	29.76	.0414
#2	2.024	.2626	2.008	2.137	3.335	242.8	29.67	.0393
#3	2.059	.2581	2.038	2.137	3.335	242.9	29.76	.0401

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**36.63**	**3.756**	**1.931**	**28.71**	**2.110**	**4.474**	**4.056**	**5.608**
Stddev	.03	.033	.016	.01	.016	.040	.030	.058
%RSD	.0889	.8901	.8155	.0436	.7778	.8916	.7456	1.026
#1	36.66	3.738	1.937	28.70	2.115	4.483	4.073	5.625
#2	36.62	3.794	1.913	28.70	2.091	4.430	4.021	5.543
#3	36.60	3.735	1.943	28.72	2.123	4.508	4.074	5.654

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.947**	**1.906**	**1.123**	**2.131**	**2.381**	**3.679**	W **1.875**	**2.159**
Stddev	.017	.019	.011	.018	.003	.002	.019	.003
%RSD	.8703	1.017	1.009	.8584	.1099	.0654	1.035	.1497
#1	1.961	1.915	1.124	2.140	2.383	3.676	1.889	2.156
#2	1.928	1.884	1.111	2.110	2.383	3.680	1.853	2.162
#3	1.951	1.920	1.133	2.142	2.378	3.680	1.884	2.158

Zoom In Zoom Out

Sample Name: MP52374-PS1 Acquired: 1/29/2025 19:59:21 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.967**	**4.784**	**2.093**
Stddev	.018	.044	.002
%RSD	.9427	.9218	.0698
#1	1.972	4.796	2.092
#2	1.946	4.736	2.094
#3	1.982	4.822	2.094

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6131.8**	**102120.**	**10366.**	**2344.5**
Stddev	36.2	318.	29.	18.2
%RSD	.59026	.31136	.28294	.77749
#1	6128.2	102460.	10392.	2342.9
#2	6169.6	101830.	10371.	2363.4
#3	6097.5	102080.	10334.	2327.1

Zoom In Zoom Out

Sample Name: MP52374-S3 Acquired: 1/29/2025 20:04:03 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2269**	**78.08**	**1.778**	**1.748**	**2.591**	**1.815**	**-.0128**	**64.06**
Stddev	.0002	.08	.002	.001	.008	.004	.0024	.12
%RSD	.0893	.1009	.1088	.0756	.2919	.2478	19.03	.1941
#1	.2271	77.99	1.775	1.747	2.582	1.810	-.0100	63.92
#2	.2269	78.11	1.779	1.747	2.594	1.817	-.0143	64.09
#3	.2267	78.14	1.778	1.749	2.596	1.818	-.0142	64.17

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.845**	**.2425**	**1.814**	**1.932**	**2.458**	F **277.5**	**24.93**	**.0486**
Stddev	.001	.0014	.002	.002	.003	.9	.03	.0025
%RSD	.0642	.5860	.0961	.0979	.1333	.3305	.1060	5.067
#1	1.847	.2410	1.812	1.932	2.460	277.8	24.95	.0457
#2	1.845	.2427	1.815	1.934	2.461	276.5	24.94	.0497
#3	1.844	.2438	1.815	1.930	2.455	278.2	24.90	.0503

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**33.37**	**3.039**	**1.707**	**23.78**	**1.897**	**3.777**	**3.407**	**4.849**
Stddev	.11	.004	.003	.06	.002	.005	.001	.006
%RSD	.3275	.1462	.1576	.2343	.0966	.1269	.0323	.1306
#1	33.25	3.042	1.705	23.72	1.896	3.781	3.406	4.849
#2	33.42	3.041	1.710	23.83	1.899	3.778	3.408	4.843
#3	33.45	3.034	1.707	23.80	1.895	3.772	3.406	4.856

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.449**	**1.668**	**1.462**	**1.948**	**2.316**	**3.377**	W **1.654**	**1.899**
Stddev	.001	.004	.002	.004	.006	.001	.000	.002
%RSD	.0969	.2316	.1421	.2016	.2445	.0230	.0211	.0785
#1	1.451	1.672	1.462	1.950	2.310	3.376	1.654	1.899
#2	1.448	1.668	1.464	1.950	2.320	3.377	1.654	1.900
#3	1.449	1.664	1.460	1.943	2.319	3.377	1.655	1.898

Zoom In Zoom Out

Sample Name: MP52374-S3 Acquired: 1/29/2025 20:04:03 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.296**	**4.845**	**1.808**
Stddev	.002	.003	.001
%RSD	.1202	.0690	.0728
#1	1.298	4.841	1.807
#2	1.296	4.847	1.810
#3	1.295	4.846	1.807

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6155.4**	**100920.**	**10331.**	**2321.2**
Stddev	8.8	101.	36.	3.0
%RSD	.14289	.10010	.34368	.13108
#1	6156.9	100850.	10327.	2322.3
#2	6163.3	101040.	10368.	2323.6
#3	6145.9	100870.	10297.	2317.8

Zoom In Zoom Out

Sample Name: MP52374-S4 Acquired: 1/29/2025 20:08:55 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2369**	**85.26**	**1.738**	**1.739**	**2.637**	**1.814**	**-.0168**	**114.1**
Stddev	.0006	.06	.006	.004	.004	.002	.0034	.0
%RSD	.2459	.0694	.3338	.2503	.1652	.1212	19.93	.0431
#1	.2364	85.21	1.744	1.742	2.632	1.812	-.0202	114.2
#2	.2376	85.33	1.733	1.734	2.640	1.817	-.0167	114.1
#3	.2368	85.24	1.738	1.742	2.637	1.814	-.0135	114.1

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.845**	**.2813**	**1.788**	**1.883**	**2.781**	F **330.0**	**24.90**	**.0553**
Stddev	.002	.0022	.004	.002	.005	7.0	.05	.0010
%RSD	.0980	.7745	.2082	.1214	.1984	2.111	.2170	1.862
#1	1.846	.2833	1.792	1.886	2.776	337.6	24.87	.0559
#2	1.843	.2816	1.787	1.883	2.787	328.8	24.97	.0541
#3	1.847	.2790	1.785	1.881	2.779	323.8	24.88	.0560

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**41.42**	**2.818**	**1.689**	**25.41**	**1.859**	**3.388**	**3.711**	**7.571**
Stddev	.07	.032	.002	.03	.003	.005	.008	.014
%RSD	.1611	1.125	.1445	.0992	.1829	.1379	.2200	.1885
#1	41.49	2.833	1.692	25.38	1.863	3.393	3.721	7.582
#2	41.39	2.781	1.688	25.43	1.858	3.384	3.709	7.555
#3	41.37	2.839	1.688	25.41	1.856	3.388	3.705	7.575

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.470**	**1.662**	**1.577**	**2.023**	**2.792**	**3.461**	W **1.621**	**1.880**
Stddev	.007	.002	.005	.003	.004	.002	.003	.001
%RSD	.4565	.1190	.3255	.1489	.1298	.0675	.1515	.0370
#1	1.468	1.663	1.582	2.025	2.788	3.463	1.619	1.881
#2	1.465	1.662	1.572	2.019	2.794	3.459	1.623	1.879
#3	1.478	1.659	1.577	2.023	2.793	3.460	1.622	1.881

Zoom In Zoom Out

Sample Name: MP52374-S4 Acquired: 1/29/2025 20:08:55 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.307**	**4.652**	**1.851**
Stddev	.004	.011	.002
%RSD	.2861	.2412	.0826
#1	1.311	4.665	1.851
#2	1.308	4.645	1.853
#3	1.304	4.645	1.850

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6116.9**	**100510.**	**10251.**	**2307.1**
Stddev	14.5	475.	52.	5.3
%RSD	.23761	.47227	.50719	.22885
#1	6104.2	100040.	10194.	2301.0
#2	6113.7	100990.	10264.	2310.1
#3	6132.8	100510.	10296.	2310.3

Zoom In Zoom Out

Sample Name: JE4559-7 Acquired: 1/29/2025 20:13:46 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0022**	**41.41**	**.1016**	**.0501**	**.8696**	**.0043**	W **-.0200**	**48.61**
Stddev	.0003	.06	.0011	.0006	.0012	.0001	.0012	.06
%RSD	15.69	.1372	1.095	1.278	.1376	1.246	5.888	.1196
#1	-.0021	41.34	.1003	.0504	.8690	.0043	-.0187	48.55
#2	-.0026	41.42	.1024	.0505	.8689	.0044	-.0204	48.65
#3	-.0019	41.45	.1019	.0494	.8710	.0043	-.0209	48.64

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0168**	**.1978**	**.0377**	**.1258**	**.6969**	F **251.0**	**2.105**	**.0371**
Stddev	.0003	.0039	.0002	.0003	.0007	.5	.036	.0009
%RSD	1.945	1.953	.5382	.2279	.1074	.1832	1.736	2.425
#1	.0171	.1977	.0379	.1262	.6975	250.5	2.100	.0381
#2	.0167	.1940	.0377	.1258	.6961	251.3	2.143	.0364
#3	.0164	.2018	.0375	.1256	.6970	251.2	2.071	.0367

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.61**	**1.368**	**.0155**	**1.131**	**.1704**	**2.141**	**2.678**	**5.555**
Stddev	.03	.001	.0005	.009	.0004	.008	.002	.018
%RSD	.3169	.0846	3.001	.8266	.2511	.3845	.0690	.3334
#1	10.57	1.368	.0150	1.139	.1699	2.135	2.677	5.541
#2	10.62	1.369	.0155	1.134	.1707	2.138	2.680	5.549
#3	10.64	1.366	.0159	1.120	.1706	2.150	2.677	5.576

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0297**	**-.0021**	**1.277**	**.1441**	**.5028**	**1.585**	**.0014**	**.1012**
Stddev	.0013	.0033	.004	.0009	.0008	.001	.0037	.0002
%RSD	4.473	158.5	.3285	.6518	.1504	.0692	270.6	.2440
#1	.0289	-.0026	1.272	.1432	.5026	1.586	.0053	.1013
#2	.0312	.0015	1.279	.1450	.5021	1.585	-.0020	.1009
#3	.0289	-.0052	1.280	.1440	.5036	1.584	.0008	.1012

Zoom In Zoom Out

Sample Name: JE4559-7 Acquired: 1/29/2025 20:13:46 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0164**	**3.079**	**.0470**
Stddev	.0009	.003	.0002
%RSD	5.557	.0995	.4003
#1	.0161	3.079	.0472
#2	.0174	3.082	.0468
#3	.0157	3.076	.0470

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6271.9**	**101600.**	**10204.**	**2347.5**
Stddev	19.3	296.	64.	4.4
%RSD	.30729	.29127	.62713	.18848
#1	6273.5	101620.	10248.	2348.4
#2	6251.9	101290.	10131.	2342.7
#3	6290.3	101880.	10234.	2351.5

Zoom In Zoom Out

Sample Name: MP52374-SD2 Acquired: 1/29/2025 20:18:32 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0030**	**-.1791**	**.0050**	**-.0261**	**-.0040**	**-.0013**	**-.0154**	**.0255**
Stddev	.0021	.0400	.0022	.0029	.0012	.0002	.0015	.0121
%RSD	70.29	22.36	44.73	10.91	28.98	14.93	9.869	47.50
#1	-.0053	-.1357	.0069	-.0284	-.0027	-.0014	-.0166	.0126
#2	-.0011	-.1870	.0025	-.0271	-.0050	-.0011	-.0160	.0366
#3	-.0026	-.2146	.0057	-.0229	-.0043	-.0014	-.0137	.0274

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0020**	**-.0030**	**-.0018**	**.0002**	F **-.0552**	**.0015**	**-.0626**	**-.0025**
Stddev	.0005	.0177	.0010	.0004	.0004	.0066	.0614	.0074
%RSD	26.61	583.0	57.80	152.2	.7423	432.5	98.01	301.4
#1	-.0026	.0132	-.0013	.0005	-.0555	.0090	-.0038	.0053
#2	-.0017	-.0005	-.0030	-.0002	-.0554	-.0008	-.1263	-.0034
#3	-.0017	-.0219	-.0012	.0005	-.0547	-.0036	-.0577	-.0093

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0412**	**-.0002**	**-.0000**	**-.3423**	**-.0018**	**.0061**	**-.0042**	**.0134**
Stddev	.0144	.0002	.0005	.0237	.0015	.0021	.0017	.0037
%RSD	35.03	113.7	44330.	6.915	84.39	35.23	40.82	27.73
#1	-.0560	-.0003	.0005	-.3576	-.0008	.0060	-.0046	.0158
#2	-.0403	-.0003	-.0006	-.3542	-.0035	.0040	-.0023	.0152
#3	-.0272	.0000	.0001	-.3150	-.0010	.0083	-.0056	.0091

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0096**	**-.0087**	**-.0773**	**-.0022**	**.0009**	**-.0015**	**-.0222**	**-.0015**
Stddev	.0030	.0037	.0027	.0011	.0005	.0003	.0071	.0004
%RSD	31.72	42.98	3.488	50.98	53.04	22.31	31.78	25.08
#1	.0063	-.0116	-.0798	-.0012	.0013	-.0011	-.0168	-.0015
#2	.0124	-.0045	-.0777	-.0020	.0004	-.0018	-.0302	-.0019
#3	.0100	-.0100	-.0745	-.0034	.0012	-.0016	-.0197	-.0011

Zoom In Zoom Out

Sample Name: MP52374-SD2 Acquired: 1/29/2025 20:18:32 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0041**	**.0008**	**-.0020**
Stddev	.0017	.0002	.0003
%RSD	41.08	21.90	17.05
#1	-.0025	.0007	-.0016
#2	-.0059	.0010	-.0022
#3	-.0039	.0007	-.0021

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15118.**	**233840.**	**17921.**	**5746.8**
Stddev	23.	2768.	236.	8.8
%RSD	.15118	1.1837	1.3178	.15399
#1	15101.	230660.	17991.	5737.9
#2	15110.	235690.	17658.	5746.9
#3	15144.	235170.	18115.	5755.6

Zoom In Zoom Out

Sample Name: MP52374-PS2 Acquired: 1/29/2025 20:23:35 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2430**	**65.26**	**1.964**	**2.000**	**2.729**	**1.982**	**-.0105**	**72.47**
Stddev	.0007	.17	.005	.002	.005	.005	.0020	.19
%RSD	.2790	.2565	.2572	.1137	.1997	.2409	19.10	.2655
#1	.2425	65.19	1.961	2.001	2.728	1.983	-.0103	72.49
#2	.2428	65.45	1.970	2.002	2.735	1.987	-.0127	72.64
#3	.2438	65.13	1.961	1.997	2.724	1.977	-.0087	72.26

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.031**	**.2099**	**1.970**	**2.086**	**2.617**	F **266.5**	**26.54**	**.0451**
Stddev	.005	.0028	.002	.011	.015	.7	.16	.0003
%RSD	.2421	1.352	.0889	.5401	.5660	.2689	.6074	.6621
#1	2.032	.2076	1.972	2.095	2.605	266.7	26.44	.0448
#2	2.035	.2091	1.970	2.089	2.613	267.1	26.73	.0454
#3	2.025	.2131	1.969	2.073	2.634	265.7	26.46	.0450

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**34.66**	**3.282**	**1.918**	**25.64**	**2.053**	**4.049**	**4.425**	**5.461**
Stddev	.23	.030	.003	.06	.003	.012	.004	.021
%RSD	.6570	.9233	.1675	.2473	.1222	.2834	.0791	.3749
#1	34.81	3.304	1.920	25.67	2.056	4.060	4.427	5.460
#2	34.77	3.248	1.920	25.69	2.052	4.050	4.426	5.482
#3	34.40	3.295	1.914	25.57	2.052	4.037	4.421	5.441

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.939**	**1.873**	**1.252**	**2.176**	**2.432**	**3.598**	W **1.830**	**2.087**
Stddev	.010	.007	.004	.004	.005	.007	.002	.005
%RSD	.4948	.3824	.3494	.1992	.2182	.2042	.0968	.2591
#1	1.939	1.875	1.254	2.175	2.429	3.605	1.832	2.089
#2	1.949	1.879	1.256	2.181	2.438	3.599	1.830	2.091
#3	1.930	1.865	1.247	2.172	2.429	3.590	1.828	2.081

Zoom In Zoom Out

Sample Name: MP52374-PS2 Acquired: 1/29/2025 20:23:35 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.930**	**4.921**	**2.081**
Stddev	.004	.003	.002
%RSD	.1961	.0661	.1111
#1	1.927	4.922	2.083
#2	1.934	4.923	2.081
#3	1.930	4.917	2.078

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6158.0**	**100020.**	**10031.**	**2312.4**
Stddev	8.9	1273.	66.	3.5
%RSD	.14384	1.2731	.66011	.14974
#1	6164.7	99071.	9982.1	2316.2
#2	6161.3	99526.	10005.	2309.5
#3	6148.0	101470.	10107.	2311.4

Zoom In Zoom Out

Sample Name: JE4587-1 Acquired: 1/29/2025 20:28:17 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0040**	**168.4**	**.0140**	**-.0007**	**.8202**	**.0128**	F **-.0365**	**8.504**
Stddev	.0002	.3	.0018	.0003	.0013	.0000	.0019	.015
%RSD	4.831	.1826	13.00	42.65	.1613	.1582	5.199	.1740
#1	-.0038	168.0	.0159	-.0005	.8188	.0128	-.0378	8.497
#2	-.0042	168.4	.0139	-.0011	.8213	.0128	-.0343	8.494
#3	-.0040	168.7	.0122	-.0005	.8206	.0128	-.0374	8.521

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.6536**	**.1852**	**.1954**	**.2198**	**194.9**	**53.01**	**.1224**
Stddev	.0002	.0008	.0006	.0005	.0004	.4	.07	.0008
%RSD	33.55	.1225	.3321	.2520	.1959	.2276	.1250	.6483
#1	.0005	.6545	.1845	.1949	.2197	194.4	52.95	.1217
#2	.0009	.6535	.1854	.1958	.2194	195.0	52.99	.1232
#3	.0006	.6529	.1858	.1955	.2203	195.3	53.08	.1223

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**52.07**	**5.749**	**.0026**	**1.875**	**.2436**	**2.492**	**.6091**	**.2750**
Stddev	.12	.047	.0003	.004	.0005	.007	.0012	.0021
%RSD	.2241	.8180	10.72	.2307	.2237	.2787	.2011	.7739
#1	51.95	5.796	.0026	1.873	.2442	2.485	.6077	.2765
#2	52.07	5.702	.0029	1.873	.2434	2.491	.6099	.2759
#3	52.18	5.749	.0023	1.880	.2432	2.499	.6098	.2726

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0046**	**-.0020**	**.2192**	**.0165**	**.0843**	F **9.531**	W **.0225**	**.2327**
Stddev	.0034	.0008	.0031	.0012	.0002	.161	.0031	.0007
%RSD	73.90	38.08	1.397	7.097	.1808	1.687	13.80	.3216
#1	-.0083	-.0020	.2179	.0164	.0844	9.705	.0194	.2332
#2	-.0016	-.0028	.2227	.0177	.0845	9.388	.0226	.2331
#3	-.0039	-.0013	.2170	.0153	.0842	9.501	.0256	.2318

Zoom In Zoom Out

Sample Name: JE4587-1 Acquired: 1/29/2025 20:28:17 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/SE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0101**	**.5712**	**.0188**
Stddev	.0010	.0007	.0001
%RSD	10.27	.1171	.6947
#1	.0113	.5707	.0189
#2	.0096	.5720	.0186
#3	.0094	.5710	.0188

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6084.4**	**129500.**	**13211.**	**3005.6**
Stddev	10.0	646.	71.	7.7
%RSD	.16461	.49848	.53415	.25491
#1	6084.1	129030.	13276.	3008.8
#2	6094.5	130230.	13221.	3011.1
#3	6074.5	129220.	13136.	2996.9

Zoom In Zoom Out

Sample Name: MP52374-S1 Acquired: 1/29/2025 20:33:19 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2227**	**73.55**	**1.950**	**1.786**	**2.757**	**1.814**	**-.0180**	**56.02**
Stddev	.0007	.03	.003	.002	.005	.002	.0044	.06
%RSD	.3086	.0357	.1603	.1239	.1843	.1136	24.55	.1107
#1	.2221	73.58	1.953	1.788	2.760	1.817	-.0129	56.09
#2	.2235	73.54	1.950	1.784	2.760	1.813	-.0210	55.98
#3	.2225	73.53	1.947	1.785	2.751	1.813	-.0200	55.99

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.847**	**.2636**	**1.849**	**1.914**	**2.529**	**249.8**	**24.83**	**.0527**
Stddev	.003	.0018	.006	.002	.002	.1	.07	.0058
%RSD	.1465	.6816	.3453	.1022	.0621	.0433	.2843	10.93
#1	1.848	.2656	1.852	1.916	2.529	249.9	24.91	.0537
#2	1.850	.2632	1.854	1.912	2.528	249.7	24.79	.0464
#3	1.845	.2621	1.842	1.913	2.531	249.8	24.79	.0578

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**27.26**	**3.337**	**1.706**	**22.89**	**1.928**	**3.981**	**3.609**	**4.800**
Stddev	.03	.004	.003	.01	.004	.010	.009	.004
%RSD	.1005	.1079	.1787	.0425	.2126	.2588	.2505	.0749
#1	27.28	3.340	1.708	22.90	1.931	3.979	3.618	4.797
#2	27.26	3.333	1.707	22.88	1.929	3.993	3.610	4.798
#3	27.23	3.338	1.703	22.89	1.923	3.973	3.600	4.804

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.293**	**1.673**	**1.698**	**1.935**	**2.301**	**3.885**	W **1.659**	**1.950**
Stddev	.004	.011	.003	.002	.003	.005	.009	.003
%RSD	.3429	.6835	.1967	.1024	.1438	.1307	.5553	.1311
#1	1.296	1.673	1.702	1.936	2.303	3.887	1.654	1.950
#2	1.288	1.662	1.695	1.936	2.302	3.879	1.669	1.947
#3	1.295	1.685	1.699	1.932	2.297	3.888	1.653	1.952

Zoom In Zoom Out

Sample Name: MP52374-S1 Acquired: 1/29/2025 20:33:19 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.285**	**5.246**	**1.800**
Stddev	.001	.020	.002
%RSD	.1069	.3741	.0827
#1	1.286	5.263	1.800
#2	1.287	5.251	1.798
#3	1.284	5.224	1.801

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6249.0**	**102810.**	**10402.**	**2366.5**
Stddev	16.8	291.	23.	7.7
%RSD	.26908	.28291	.21995	.32404
#1	6234.1	102480.	10417.	2360.1
#2	6245.5	103020.	10412.	2364.2
#3	6267.2	102930.	10375.	2375.0

Zoom In Zoom Out

Sample Name: MP52374-S2 Acquired: 1/29/2025 20:37:55 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2378**	**69.01**	**2.044**	**1.881**	**2.932**	**1.935**	**-.0144**	**60.14**
Stddev	.0001	.11	.004	.002	.001	.001	.0056	.01
%RSD	.0486	.1560	.1689	.0947	.0417	.0699	38.98	.0098
#1	.2377	69.04	2.044	1.883	2.934	1.935	-.0087	60.14
#2	.2379	69.10	2.047	1.881	2.932	1.937	-.0199	60.14
#3	.2377	68.89	2.040	1.880	2.932	1.934	-.0147	60.13

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.975**	**.2504**	**1.978**	**2.027**	**2.524**	**226.7**	**25.91**	**.0447**
Stddev	.005	.0077	.004	.003	.002	.2	.17	.0020
%RSD	.2765	3.082	.1767	.1490	.0701	.0867	.6660	4.400
#1	1.976	.2588	1.978	2.027	2.524	226.4	25.71	.0459
#2	1.979	.2436	1.981	2.029	2.522	226.8	25.98	.0458
#3	1.968	.2488	1.974	2.023	2.525	226.7	26.03	.0424

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**30.07**	**3.243**	**1.813**	**24.24**	**2.048**	**3.968**	**3.455**	**7.693**
Stddev	.07	.004	.005	.03	.003	.003	.004	.007
%RSD	.2310	.1310	.2739	.1336	.1304	.0802	.1274	.0962
#1	29.99	3.247	1.815	24.22	2.049	3.970	3.459	7.701
#2	30.08	3.243	1.817	24.27	2.050	3.965	3.456	7.693
#3	30.13	3.239	1.807	24.22	2.045	3.971	3.450	7.686

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.379**	**1.786**	**1.380**	**2.035**	**2.424**	**3.841**	W **1.778**	**2.080**
Stddev	.006	.004	.004	.009	.002	.004	.009	.004
%RSD	.4259	.2016	.2807	.4266	.0816	.0960	.5168	.2180
#1	1.382	1.785	1.378	2.043	2.423	3.844	1.788	2.085
#2	1.382	1.790	1.384	2.036	2.426	3.841	1.777	2.078
#3	1.372	1.782	1.377	2.026	2.422	3.836	1.770	2.077

Zoom In Zoom Out

Sample Name: MP52374-S2 Acquired: 1/29/2025 20:37:55 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.285**	**4.645**	**1.921**
Stddev	.004	.012	.003
%RSD	.3536	.2479	.1276
#1	1.288	4.642	1.921
#2	1.287	4.657	1.923
#3	1.280	4.634	1.918

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6232.4**	**103050.**	**10453.**	**2368.3**
Stddev	7.1	93.	67.	4.5
%RSD	.11399	.09005	.63865	.19022
#1	6240.5	103130.	10502.	2371.4
#2	6227.1	102950.	10480.	2363.1
#3	6229.7	103080.	10377.	2370.4

Zoom In Zoom Out

Sample Name: JE4559-4 Acquired: 1/29/2025 20:42:30 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**71.52**	**.2270**	**.0734**	**.9847**	**.0083**	**-.0220**	**54.89**	**.0161**
Stddev	.0005	.16	.0032	.0013	.0010	.0001	.0015	.11	.0004
%RSD	23.69	.2244	1.404	1.778	.0987	1.054	6.969	.2072	2.491
#1	.0017	71.50	.2260	.0739	.9841	.0083	-.0232	54.77	.0158
#2	.0022	71.69	.2305	.0744	.9858	.0084	-.0203	55.00	.0165
#3	.0027	71.37	.2244	.0719	.9842	.0083	-.0225	54.90	.0159

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2829**	**.0527**	**.1778**	**1.470**	**244.3**	**5.129**	**.0410**	**13.04**	**2.042**
Stddev	.0105	.0008	.0005	.001	.4	.076	.0011	.01	.003
%RSD	3.712	1.487	.2611	.0377	.1646	1.486	2.727	.0892	.1440
#1	.2710	.0536	.1780	1.471	244.0	5.195	.0413	13.04	2.043
#2	.2909	.0521	.1773	1.470	244.7	5.045	.0398	13.03	2.045
#3	.2869	.0525	.1782	1.470	244.1	5.146	.0420	13.05	2.039

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0289**	**4.017**	**.1949**	**2.728**	**2.456**	**6.115**	**.0292**	**-.0014**	**1.226**
Stddev	.0005	.009	.0007	.016	.004	.010	.0033	.0067	.001
%RSD	1.684	.2174	.3592	.5964	.1793	.1626	11.24	486.1	.0793
#1	.0292	4.023	.1948	2.714	2.461	6.125	.0307	.0003	1.226
#2	.0292	4.022	.1942	2.746	2.453	6.115	.0254	-.0088	1.227
#3	.0283	4.007	.1956	2.724	2.454	6.105	.0315	.0043	1.226

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1049**	**.4492**	**1.812**	**.0063**	**.1919**	**.0565**	**3.165**	**.0550**
Stddev	.0024	.0009	.001	.0020	.0008	.0003	.003	.0007
%RSD	2.309	.1953	.0564	32.60	.4058	.5942	.1083	1.257
#1	.1037	.4486	1.813	.0047	.1912	.0566	3.167	.0558
#2	.1077	.4502	1.812	.0086	.1927	.0567	3.167	.0545
#3	.1034	.4489	1.811	.0055	.1917	.0561	3.161	.0548

Zoom In Zoom Out

Sample Name: JE4559-4 Acquired: 1/29/2025 20:42:30 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6274.2**	**101880.**	**10387.**	**2361.1**
Stddev	5.1	277.	32.	2.6
%RSD	.08195	.27237	.30746	.10989
#1	6274.0	102060.	10420.	2363.1
#2	6279.4	101560.	10356.	2362.0
#3	6269.1	102010.	10386.	2358.2

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 20:47:16 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2461**	**39.68**	**1.898**	**2.007**	**1.914**	**2.017**	**2.000**	**40.64**	**2.034**
Stddev	.0008	.10	.005	.003	.002	.003	.005	.09	.003
%RSD	.3316	.2508	.2425	.1505	.1242	.1346	.2335	.2275	.1498
#1	.2454	39.70	1.902	2.006	1.916	2.019	2.005	40.68	2.036
#2	.2459	39.77	1.900	2.010	1.914	2.017	2.001	40.71	2.035
#3	.2470	39.58	1.893	2.005	1.911	2.014	1.995	40.54	2.030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.128**	**2.020**	**2.006**	**1.911**	**39.49**	**39.61**	**1.931**	**39.73**	**2.045**
Stddev	.009	.002	.003	.003	.08	.08	.004	.17	.004
%RSD	.4080	.0986	.1503	.1566	.2044	.2116	.2142	.4179	.2006
#1	2.131	2.018	2.007	1.911	39.48	39.68	1.935	39.66	2.049
#2	2.118	2.022	2.007	1.907	39.57	39.63	1.930	39.92	2.045
#3	2.134	2.020	2.002	1.913	39.41	39.52	1.927	39.60	2.041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.918**	**39.47**	**1.976**	**1.974**	**1.941**	**1.878**	**1.910**	**1.925**	**4.743**
Stddev	.002	.05	.001	.002	.003	.004	.003	.001	.008
%RSD	.1040	.1195	.0525	.0920	.1296	.2050	.1325	.0633	.1734
#1	1.916	39.46	1.975	1.976	1.939	1.877	1.907	1.924	4.745
#2	1.920	39.52	1.977	1.974	1.940	1.882	1.912	1.924	4.750
#3	1.918	39.43	1.976	1.972	1.944	1.874	1.910	1.926	4.734
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 20:47:16 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.058**	**1.994**	**2.052**	**2.179**	**2.034**	**1.984**	**2.065**	**2.048**
Stddev	.003	.002	.004	.003	.003	.002	.002	.000
%RSD	.1287	.0943	.1856	.1245	.1406	.0873	.0821	.0182
#1	2.060	1.996	2.056	2.177	2.037	1.982	2.063	2.048
#2	2.059	1.994	2.053	2.182	2.035	1.985	2.065	2.048
#3	2.055	1.992	2.048	2.178	2.031	1.984	2.066	2.048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6033.0**	**99784.**	**10134.**	**2315.6**
Stddev	4.7	426.	132.	1.4
%RSD	.07833	.42715	1.3045	.05850
#1	6032.3	99591.	10200.	2315.9
#2	6038.0	99488.	9981.5	2316.8
#3	6028.6	100270.	10220.	2314.2

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 20:51:50 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**.0061**	**-.0003**	**-.0024**	**.0001**	**-.0001**	**-.0013**	**.0119**	**.0001**
Stddev	.0005	.0150	.0010	.0005	.0003	.0001	.0012	.0021	.0002
%RSD	35.32	244.8	371.2	22.74	362.3	96.71	98.71	17.57	152.2
#1	-.0009	.0211	-.0013	-.0022	.0001	.0000	-.0023	.0139	.0000
#2	-.0019	.0062	.0008	-.0030	-.0002	-.0001	.0001	.0098	.0003
#3	-.0017	-.0089	-.0003	-.0020	.0004	-.0001	-.0016	.0121	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0204**	**.0004**	**.0004**	**.0004**	**.0046**	**-.0179**	**.0002**	**.0080**	**.0001**
Stddev	.0044	.0002	.0004	.0002	.0022	.0478	.0007	.0101	.0001
%RSD	21.59	45.67	106.4	37.93	48.05	266.9	457.2	126.0	57.26
#1	-.0153	.0003	.0008	.0003	.0034	.0357	-.0006	.0196	.0001
#2	-.0228	.0003	.0002	.0006	.0071	-.0563	.0008	.0026	.0001
#3	-.0230	.0006	.0001	.0005	.0032	-.0332	.0003	.0017	.0002
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0251**	**.0002**	**.0015**	**-.0007**	**.0034**	**-.0007**	**.0000**	**.0011**
Stddev	.0001	.0148	.0002	.0007	.0008	.0041	.0012	.0040	.0017
%RSD	104.1	58.95	62.01	44.48	117.7	119.0	167.9	8992.	154.4
#1	.0002	-.0243	.0002	.0010	.0002	.0073	.0004	-.0040	.0023
#2	.0002	-.0403	.0001	.0023	-.0009	-.0008	-.0019	.0001	-.0008
#3	-.0000	-.0107	.0004	.0012	-.0014	.0037	-.0006	.0040	.0018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 20:51:50 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0000**	**-.0001**	**.0018**	**.0002**	**.0016**	**.0006**	**.0003**
Stddev	.0014	.0000	.0003	.0020	.0002	.0016	.0001	.0001
%RSD	11230.	174.4	342.4	112.7	134.4	101.7	22.76	23.78
#1	.0009	.0001	-.0002	.0039	.0003	-.0001	.0006	.0002
#2	-.0016	.0000	-.0003	-.0001	-.0001	.0018	.0005	.0003
#3	.0008	-.0000	.0002	.0016	.0004	.0031	.0007	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6406.2**	**101450.**	**10134.**	**2350.4**
Stddev	12.5	112.	38.	4.0
%RSD	.19505	.11017	.37755	.16990
#1	6416.6	101380.	10091.	2353.6
#2	6409.6	101580.	10145.	2351.6
#3	6392.3	101390.	10165.	2345.9

Zoom In Zoom Out

Sample Name: MP52374-SD1 Acquired: 1/29/2025 20:56:45 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0084**	**69.60**	**.1932**	**.0537**	**.9556**	**.0059**	**-.0235**	**53.39**	**.0166**
Stddev	.0016	.28	.0083	.0101	.0042	.0006	.0068	.09	.0030
%RSD	19.50	.3993	4.301	18.77	.4429	9.796	28.96	.1761	17.81
#1	-.0070	69.63	.2002	.0435	.9514	.0054	-.0207	53.43	.0146
#2	-.0102	69.32	.1953	.0636	.9555	.0065	-.0185	53.46	.0152
#3	-.0081	69.87	.1840	.0540	.9598	.0058	-.0312	53.28	.0200

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2019**	**.0529**	**.1759**	**1.380**	**240.0**	**4.414**	**.0542**	**12.63**	**1.984**
Stddev	.0116	.0026	.0028	.005	.2	.685	.0134	.14	.002
%RSD	5.750	4.887	1.576	.3639	.1006	15.52	24.82	1.091	.0857
#1	.2139	.0500	.1785	1.379	240.0	5.083	.0633	12.67	1.983
#2	.2010	.0539	.1730	1.375	239.8	4.446	.0387	12.48	1.983
#3	.1907	.0549	.1760	1.385	240.3	3.714	.0605	12.74	1.986

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0290**	**3.508**	**.1914**	**2.562**	**2.383**	**5.812**	**.0236**	**-.0325**	**1.190**
Stddev	.0038	.096	.0004	.009	.015	.083	.0239	.0133	.010
%RSD	13.20	2.736	.2053	.3605	.6112	1.433	101.4	40.76	.8238
#1	.0303	3.525	.1910	2.564	2.387	5.804	.0406	-.0253	1.201
#2	.0320	3.405	.1915	2.552	2.367	5.733	-.0038	-.0245	1.187
#3	.0247	3.595	.1917	2.570	2.395	5.899	.0339	-.0478	1.182

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1024**	**.4429**	**1.757**	**.0116**	**.1862**	**.0725**	**3.143**	**.0529**
Stddev	.0101	.0044	.004	.0113	.0043	.0087	.004	.0025
%RSD	9.879	.9869	.2144	97.80	2.297	12.00	.1394	4.685
#1	.1014	.4384	1.755	.0034	.1861	.0629	3.147	.0538
#2	.1130	.4471	1.761	.0245	.1905	.0800	3.138	.0548
#3	.0928	.4432	1.754	.0068	.1819	.0744	3.145	.0501

Zoom In Zoom Out

Sample Name: MP52374-SD1 Acquired: 1/29/2025 20:56:45 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6353.7**	**101420.**	**10249.**	**2369.8**
Stddev	15.8	195.	51.	5.8
%RSD	.24933	.19222	.49638	.24448
#1	6335.6	101450.	10305.	2363.7
#2	6365.0	101210.	10238.	2375.3
#3	6360.5	101590.	10205.	2370.3

Zoom In Zoom Out

Sample Name: MP52374-S3 Acquired: 1/29/2025 21:01:37 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2251**	**77.83**	**1.792**	**1.785**	**2.578**	**1.833**	**-.0190**	**65.10**
Stddev	.0002	.10	.006	.004	.004	.003	.0063	.09
%RSD	.0850	.1320	.3577	.2250	.1535	.1662	32.89	.1423
#1	.2254	77.95	1.796	1.781	2.582	1.836	-.0203	65.16
#2	.2250	77.75	1.796	1.789	2.574	1.831	-.0246	64.99
#3	.2251	77.79	1.785	1.785	2.579	1.831	-.0122	65.15

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.886**	**.2394**	**1.863**	**1.966**	**2.432**	**286.7**	**24.81**	**.0492**
Stddev	.004	.0035	.005	.002	.003	.5	.16	.0021
%RSD	.2197	1.450	.2484	.1148	.1393	.1616	.6383	4.333
#1	1.885	.2381	1.867	1.964	2.428	287.0	24.75	.0485
#2	1.891	.2368	1.863	1.968	2.432	286.1	24.69	.0476
#3	1.883	.2433	1.858	1.967	2.435	286.9	24.99	.0517

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**33.36**	**3.149**	**1.735**	**23.52**	**1.945**	**3.802**	**3.504**	**4.857**
Stddev	.13	.003	.005	.06	.005	.007	.010	.013
%RSD	.3802	.0989	.2866	.2677	.2589	.1755	.2769	.2623
#1	33.50	3.148	1.736	23.55	1.948	3.805	3.515	4.869
#2	33.24	3.153	1.739	23.45	1.947	3.808	3.501	4.859
#3	33.35	3.147	1.730	23.56	1.939	3.795	3.497	4.844

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.460**	**1.693**	**1.452**	**2.014**	**2.317**	**3.471**	W **1.740**	**1.947**
Stddev	.007	.011	.006	.006	.004	.004	.007	.002
%RSD	.4883	.6329	.3912	.2958	.1680	.1086	.3980	.0913
#1	1.454	1.691	1.452	2.017	2.320	3.471	1.732	1.945
#2	1.468	1.705	1.458	2.017	2.313	3.475	1.746	1.948
#3	1.460	1.684	1.447	2.007	2.318	3.467	1.741	1.947

Zoom In Zoom Out

Sample Name: MP52374-S3 Acquired: 1/29/2025 21:01:37 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.314**	**4.982**	**1.844**
Stddev	.002	.011	.002
%RSD	.1499	.2125	.1220
#1	1.314	4.984	1.842
#2	1.315	4.991	1.844
#3	1.311	4.970	1.846

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6242.4**	**101380.**	**10430.**	**2347.4**
Stddev	8.8	494.	64.	3.5
%RSD	.14127	.48735	.61640	.14926
#1	6233.1	101290.	10470.	2347.9
#2	6243.7	100940.	10464.	2343.7
#3	6250.5	101920.	10356.	2350.7

Zoom In Zoom Out

Sample Name: MP52374-S4 Acquired: 1/29/2025 21:06:12 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2357**	**84.80**	**1.753**	**1.791**	**2.617**	**1.832**	**-.0190**	**116.5**
Stddev	.0011	.14	.006	.003	.002	.003	.0022	.1
%RSD	.4575	.1648	.3642	.1471	.0752	.1570	11.53	.1128
#1	.2354	84.96	1.758	1.794	2.616	1.835	-.0201	116.6
#2	.2348	84.68	1.746	1.789	2.617	1.830	-.0164	116.3
#3	.2369	84.77	1.755	1.792	2.620	1.830	-.0203	116.5

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.888**	**.2909**	**1.840**	**1.915**	**2.771**	**338.3**	**24.73**	**.0526**
Stddev	.005	.0019	.004	.000	.003	.5	.11	.0037
%RSD	.2573	.6422	.1999	.0150	.1143	.1451	.4579	7.014
#1	1.888	.2927	1.840	1.915	2.772	338.9	24.76	.0516
#2	1.884	.2910	1.836	1.915	2.773	337.9	24.83	.0567
#3	1.893	.2889	1.844	1.915	2.767	338.2	24.61	.0496

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**41.27**	**2.940**	**1.721**	**25.05**	**1.909**	**3.428**	**3.830**	**7.585**
Stddev	.13	.003	.003	.04	.003	.020	.011	.010
%RSD	.3265	.1102	.1865	.1571	.1445	.5803	.2911	.1337
#1	41.40	2.942	1.724	25.09	1.909	3.428	3.830	7.597
#2	41.14	2.941	1.718	25.01	1.906	3.408	3.819	7.577
#3	41.26	2.936	1.723	25.04	1.911	3.447	3.841	7.583

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.483**	**1.680**	**1.576**	**2.096**	**2.784**	**3.573**	W **1.728**	**1.936**
Stddev	.004	.011	.011	.007	.000	.005	.003	.001
%RSD	.2816	.6568	.7048	.3516	.0156	.1380	.1948	.0506
#1	1.478	1.692	1.582	2.103	2.785	3.576	1.730	1.937
#2	1.484	1.671	1.564	2.088	2.784	3.575	1.724	1.935
#3	1.487	1.676	1.584	2.096	2.784	3.567	1.730	1.936

Zoom In Zoom Out

Sample Name: MP52374-S4 Acquired: 1/29/2025 21:06:12 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.332**	**4.812**	**1.892**
Stddev	.005	.017	.000
%RSD	.3672	.3457	.0173
#1	1.337	4.825	1.892
#2	1.327	4.793	1.892
#3	1.331	4.817	1.892

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6194.4**	**100960.**	**10355.**	**2326.4**
Stddev	16.7	348.	71.	8.8
%RSD	.27026	.34458	.69019	.37736
#1	6179.6	101350.	10282.	2317.9
#2	6212.6	100680.	10424.	2335.4
#3	6191.1	100850.	10359.	2325.9

Zoom In Zoom Out

Sample Name: JE4559-7 Acquired: 1/29/2025 21:10:46 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0039**	**41.37**	**.1010**	**.0464**	**.8614**	**.0040**	**-.0196**	**49.04**	**.0165**
Stddev	.0003	.04	.0002	.0018	.0014	.0001	.0011	.05	.0006
%RSD	7.861	.1023	.2116	3.901	.1575	2.365	5.806	.0932	3.849
#1	-.0036	41.37	.1013	.0467	.8599	.0041	-.0188	49.02	.0162
#2	-.0042	41.41	.1009	.0444	.8619	.0039	-.0209	49.09	.0172
#3	-.0039	41.32	.1009	.0480	.8625	.0041	-.0192	49.01	.0160

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1957**	**.0372**	**.1275**	**.6959**	**254.2**	**2.054**	**.0394**	**10.42**	**1.411**
Stddev	.0049	.0005	.0003	.0006	.2	.048	.0032	.02	.002
%RSD	2.521	1.334	.2026	.0924	.0677	2.358	8.179	.2099	.1393
#1	.2014	.0376	.1273	.6961	254.1	2.086	.0408	10.44	1.410
#2	.1931	.0367	.1274	.6964	254.4	2.078	.0417	10.42	1.413
#3	.1926	.0374	.1277	.6952	254.1	1.998	.0357	10.39	1.409

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0158**	**1.015**	**.1737**	**2.175**	**2.735**	**5.547**	**.0269**	**-.0068**	**1.255**
Stddev	.0010	.003	.0012	.003	.012	.013	.0021	.0056	.001
%RSD	6.304	.2808	.7166	.1282	.4401	.2413	7.946	82.92	.0926
#1	.0164	1.011	.1741	2.176	2.748	5.532	.0269	-.0031	1.255
#2	.0165	1.017	.1747	2.177	2.735	5.558	.0247	-.0132	1.254
#3	.0147	1.016	.1723	2.172	2.723	5.553	.0290	-.0040	1.256

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1467**	**.5019**	**1.626**	**-.0155**	**.1051**	**.0157**	**3.141**	**.0483**
Stddev	.0011	.0004	.004	.0047	.0007	.0007	.005	.0002
%RSD	.7788	.0748	.2318	30.52	.6954	4.158	.1723	.5010
#1	.1461	.5023	1.623	-.0102	.1059	.0156	3.136	.0481
#2	.1480	.5019	1.630	-.0192	.1051	.0151	3.147	.0484
#3	.1461	.5016	1.624	-.0170	.1044	.0164	3.140	.0485

Zoom In Zoom Out

Sample Name: JE4559-7 Acquired: 1/29/2025 21:10:46 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6332.0**	**101690.**	**10449.**	**2367.2**
Stddev	6.9	152.	42.	4.3
%RSD	.10863	.14898	.40241	.18220
#1	6335.5	101660.	10411.	2372.1
#2	6324.1	101560.	10443.	2363.9
#3	6336.6	101860.	10494.	2365.7

Zoom In Zoom Out

Sample Name: MP52374-SD2 Acquired: 1/29/2025 21:15:33 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0190**	**41.15**	**.0772**	**.0345**	**.8481**	**.0024**	**-.0327**	**48.55**	**.0173**
Stddev	.0057	.24	.0019	.0035	.0034	.0002	.0141	.15	.0012
%RSD	29.88	.5875	2.423	10.07	.4047	6.703	43.11	.3021	6.669
#1	-.0130	40.88	.0786	.0335	.8499	.0022	-.0435	48.53	.0176
#2	-.0243	41.34	.0779	.0383	.8503	.0025	-.0167	48.70	.0160
#3	-.0196	41.23	.0750	.0316	.8441	.0025	-.0379	48.41	.0183

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1107**	**.0395**	**.1280**	**.7674**	**254.4**	**.8603**	**.0329**	**10.43**	**1.386**
Stddev	.0293	.0075	.0030	.0033	.6	.0382	.0033	.18	.008
%RSD	26.47	18.93	2.371	.4255	.2291	4.444	10.14	1.765	.5463
#1	.1254	.0356	.1305	.7678	254.3	.8535	.0331	10.63	1.394
#2	.1299	.0347	.1290	.7705	255.0	.9015	.0295	10.39	1.385
#3	.0770	.0481	.1246	.7640	253.8	.8259	.0362	10.27	1.379

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0122**	**.5451**	**.1731**	**2.091**	**2.732**	**5.426**	**.0133**	**-.0210**	**1.188**
Stddev	.0033	.0235	.0013	.021	.011	.033	.0154	.0093	.014
%RSD	26.84	4.313	.7466	.9956	.3895	.6160	115.5	44.24	1.188
#1	.0125	.5664	.1737	2.098	2.732	5.424	.0262	-.0222	1.198
#2	.0088	.5491	.1716	2.107	2.721	5.393	-.0037	-.0297	1.172
#3	.0153	.5199	.1739	2.067	2.742	5.460	.0174	-.0112	1.195

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1505**	**.5037**	**1.581**	**.0045**	**.0997**	**.0207**	**3.169**	**.0483**
Stddev	.0024	.0020	.002	.0122	.0009	.0094	.008	.0011
%RSD	1.580	.3874	.1351	268.7	.9337	45.34	.2520	2.336
#1	.1488	.5024	1.583	.0099	.1000	.0144	3.178	.0485
#2	.1496	.5060	1.581	-.0094	.0987	.0315	3.162	.0494
#3	.1532	.5028	1.579	.0132	.1005	.0163	3.169	.0471

Zoom In Zoom Out

Sample Name: MP52374-SD2 Acquired: 1/29/2025 21:15:33 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6371.4**	**101070.**	**10295.**	**2367.5**
Stddev	4.0	327.	87.	2.8
%RSD	.06212	.32351	.84349	.11979
#1	6367.1	100730.	10311.	2364.6
#2	6374.8	101100.	10202.	2370.2
#3	6372.4	101390.	10373.	2367.8

Zoom In Zoom Out

Sample Name: JE4587-1 Acquired: 1/29/2025 21:20:25 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0054**	**188.5**	**.0145**	**-.0048**	**.9108**	**.0142**	F **-.0416**	**9.700**
Stddev	.0018	.2	.0020	.0001	.0019	.0001	.0037	.027
%RSD	32.47	.1113	14.11	2.582	.2047	.7985	8.819	.2765
#1	-.0034	188.8	.0165	-.0047	.9116	.0142	-.0403	9.731
#2	-.0064	188.4	.0145	-.0047	.9086	.0141	-.0388	9.682
#3	-.0065	188.5	.0124	-.0049	.9121	.0143	-.0458	9.687

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**.7451**	**.1881**	**.2221**	**.2431**	**222.4**	**59.06**	**.1380**
Stddev	.0004	.0046	.0021	.0005	.0008	.3	.02	.0025
%RSD	45.05	.6124	1.140	.2047	.3346	.1300	.0361	1.813
#1	.0013	.7399	.1906	.2226	.2429	222.6	59.04	.1384
#2	.0005	.7475	.1867	.2216	.2439	222.1	59.08	.1403
#3	.0012	.7480	.1871	.2221	.2423	222.6	59.06	.1353

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**58.19**	**6.694**	**.0020**	**2.019**	**.2499**	**2.853**	**.6241**	**.2985**
Stddev	.10	.093	.0008	.026	.0017	.020	.0038	.0018
%RSD	.1730	1.392	40.26	1.301	.6824	.6991	.6012	.6047
#1	58.31	6.801	.0015	2.040	.2518	2.876	.6283	.2996
#2	58.13	6.633	.0016	1.989	.2486	2.845	.6228	.2964
#3	58.14	6.647	.0029	2.028	.2493	2.839	.6211	.2994

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0011**	**.2402**	**.0195**	**.0952**	**11.09**	W **.0259**	**.2680**
Stddev	.0045	.0066	.0053	.0011	.0003	.01	.0010	.0003
%RSD	2303.	617.2	2.215	5.447	.2646	.1019	3.822	.1231
#1	.0040	.0062	.2464	.0190	.0954	11.10	.0253	.2681
#2	-.0050	-.0068	.2372	.0207	.0949	11.10	.0252	.2683
#3	.0004	-.0026	.2371	.0187	.0954	11.08	.0270	.2676

Zoom In Zoom Out

Sample Name: JE4587-1 Acquired: 1/29/2025 21:20:25 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: FE

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0005**	**.6681**	**.0205**
Stddev	.0020	.0054	.0003
%RSD	426.6	.8118	1.568
#1	.0027	.6740	.0207
#2	-.0010	.6666	.0206
#3	-.0004	.6635	.0201

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6153.4**	**115240.**	**11953.**	**2681.5**
Stddev	43.9	634.	51.	20.1
%RSD	.71418	.55047	.42328	.74980
#1	6104.2	115280.	11895.	2660.0
#2	6167.2	114580.	11981.	2684.7
#3	6188.7	115850.	11984.	2699.9

Zoom In Zoom Out

Sample Name: crconf Acquired: 1/29/2025 21:25:20 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0084**	**-.0001**	**-.0047**	**.0001**	**-.0002**	**.0014**	**.0166**	**.0006**
Stddev	.0001	.0062	.0014	.0007	.0003	.0001	.0011	.0003	.0002
%RSD	223.8	73.39	2589.	14.50	291.0	49.57	80.12	1.847	34.42
#1	-.0001	.0114	.0009	-.0040	-.0000	-.0001	.0022	.0169	.0005
#2	.0001	.0013	-.0016	-.0047	-.0001	-.0003	.0001	.0165	.0006
#3	.0001	.0125	.0005	-.0054	.0004	-.0003	.0017	.0163	.0009

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0132**	**-.0016**	F **10.13**	**.0014**	**.0134**	**-.0617**	**.0018**	**-.0045**	**.0010**
Stddev	.0029	.0001	.02	.0003	.0020	.0295	.0015	.0088	.0000
%RSD	22.31	5.610	.1707	18.65	15.15	47.82	83.09	195.6	2.024
#1	-.0108	-.0016	10.14	.0017	.0144	-.0303	.0009	.0034	.0010
#2	-.0165	-.0017	10.14	.0012	.0111	-.0660	.0035	-.0029	.0010
#3	-.0122	-.0016	10.11	.0012	.0148	-.0888	.0010	-.0141	.0010

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**-.0477**	**.0019**	**-.0011**	**.0008**	**-.0086**	**.0010**	**.0002**	**.0169**
Stddev	.0003	.0111	.0003	.0015	.0015	.0030	.0012	.0014	.0020
%RSD	56.26	23.35	16.66	138.6	200.5	34.46	113.3	769.7	11.63
#1	.0007	-.0355	.0022	-.0025	-.0004	-.0066	.0020	.0017	.0191
#2	.0002	-.0501	.0019	.0005	.0025	-.0071	.0013	-.0002	.0161
#3	.0006	-.0573	.0015	-.0013	.0002	-.0120	-.0003	-.0010	.0154

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**.0001**	**.0015**	**.0043**	**.0048**	**.0049**	**.0051**	**.0022**
Stddev	.0006	.0002	.0001	.0023	.0006	.0006	.0002	.0001
%RSD	105.6	250.1	9.505	52.41	13.32	12.35	3.831	6.544
#1	-.0006	.0001	.0017	.0052	.0046	.0042	.0053	.0020
#2	.0000	-.0001	.0014	.0017	.0055	.0054	.0051	.0023
#3	-.0012	.0004	.0014	.0060	.0042	.0050	.0050	.0023

Zoom In Zoom Out

Sample Name: crconf Acquired: 1/29/2025 21:25:20 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6400.9**	**101120.**	**10237.**	**2335.4**
Stddev	6.5	564.	72.	5.3
%RSD	.10184	.55816	.70562	.22503
#1	6406.8	100890.	10301.	2334.8
#2	6402.0	100710.	10159.	2340.9
#3	6393.9	101770.	10252.	2330.4

Zoom In Zoom Out

Sample Name: ticonf Acquired: 1/29/2025 21:30:13 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0007**	**-.0001**	**-.0024**	**-.0001**	**.0015**	**-.0147**	**.0106**	**.0002**
Stddev	.0001	.0066	.0019	.0010	.0003	.0000	.0020	.0013	.0001
%RSD	26.72	957.8	1303.	42.45	303.7	2.252	13.60	12.59	36.84
#1	-.0007	-.0067	-.0001	-.0018	-.0005	.0015	-.0138	.0121	.0002
#2	-.0005	.0058	-.0021	-.0018	-.0001	.0015	-.0133	.0103	.0003
#3	-.0004	.0030	.0017	-.0036	.0002	.0015	-.0170	.0095	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**-.0034**	**.0013**	**.0018**	**.0196**	**-.0450**	**.0090**	**-.0094**	**.0002**
Stddev	.0011	.0002	.0004	.0001	.0011	.0349	.0015	.0032	.0000
%RSD	81.36	6.304	30.72	6.396	5.411	77.56	16.62	34.55	14.21
#1	.0019	-.0032	.0013	.0019	.0190	-.0815	.0079	-.0126	.0002
#2	.0001	-.0035	.0009	.0018	.0208	-.0118	.0083	-.0062	.0002
#3	.0020	-.0037	.0016	.0017	.0190	-.0418	.0107	-.0093	.0002

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**-.0484**	**.0003**	**-.0003**	**-.0000**	**-.0112**	**-.0002**	**-.0007**	**-.0263**
Stddev	.0002	.0180	.0004	.0001	.0011	.0011	.0020	.0007	.0008
%RSD	40.48	37.11	114.4	42.76	2517.	9.998	998.7	106.3	3.012
#1	-.0007	-.0513	.0000	-.0003	.0004	-.0104	-.0021	.0001	-.0272
#2	-.0003	-.0648	.0007	-.0005	.0007	-.0125	-.0004	-.0012	-.0257
#3	-.0004	-.0292	.0002	-.0002	-.0012	-.0107	.0019	-.0010	-.0260

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.0003**	F **10.21**	**.0017**	**-.0006**	**.0008**	**.0002**	**-.0015**
Stddev	.0009	.0001	.04	.0010	.0003	.0001	.0001	.0000
%RSD	76.88	20.86	.3567	63.04	55.71	16.84	73.50	2.852
#1	-.0001	.0002	10.17	.0023	-.0004	.0008	.0000	-.0016
#2	-.0018	.0004	10.23	.0022	-.0010	.0009	.0003	-.0016
#3	-.0017	.0003	10.23	.0005	-.0005	.0006	.0002	-.0015

Zoom In Zoom Out

Sample Name: ticonf Acquired: 1/29/2025 21:30:13 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6421.8**	**101410.**	**10200.**	**2367.9**
Stddev	8.7	415.	23.	4.3
%RSD	.13513	.40903	.22502	.18001
#1	6427.1	101890.	10178.	2368.2
#2	6426.5	101220.	10198.	2372.1
#3	6411.8	101130.	10224.	2363.5

Zoom In Zoom Out

Sample Name: mnconf Acquired: 1/29/2025 21:35:18 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0115**	**.0009**	**-.0046**	**-.0001**	**.0002**	**.0015**	**.0103**	**-.0002**
Stddev	.0003	.0047	.0003	.0002	.0003	.0000	.0007	.0025	.0002
%RSD	373.6	40.76	36.95	3.256	386.0	27.77	49.24	24.51	94.99
#1	.0001	.0150	.0007	-.0044	.0003	.0001	.0015	.0116	-.0005
#2	-.0002	.0132	.0008	-.0047	-.0003	.0002	.0022	.0120	-.0000
#3	.0004	.0062	.0013	-.0047	-.0002	.0001	.0007	.0074	-.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0140**	**.0001**	**.0023**	**.0039**	**.0151**	**-.0574**	**.0011**	**.0090**	F **10.20**
Stddev	.0032	.0002	.0002	.0002	.0022	.0612	.0021	.0051	.08
%RSD	22.59	279.8	9.224	4.798	14.84	106.6	202.1	57.08	.7847
#1	.0132	-.0001	.0021	.0037	.0136	-.0412	.0019	.0031	10.12
#2	.0112	.0001	.0022	.0041	.0176	-.0059	-.0014	.0117	10.28
#3	.0174	.0002	.0025	.0038	.0139	-.1251	.0026	.0121	10.21

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**-.0764**	**.0004**	**.0332**	**-.0000**	**.0086**	**-.0001**	**.0041**	**.0117**
Stddev	.0003	.0088	.0001	.0010	.0015	.0026	.0017	.0026	.0003
%RSD	64.95	11.54	25.35	3.027	12720.	30.89	3366.	64.88	2.531
#1	-.0002	-.0857	.0003	.0321	.0017	.0069	.0018	.0067	.0114
#2	-.0005	-.0682	.0004	.0332	-.0011	.0116	-.0016	.0015	.0119
#3	-.0009	-.0753	.0005	.0341	-.0006	.0072	-.0003	.0039	.0119

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0003**	**.0010**	**.0059**	**.0016**	**-.0033**	**.0017**	**.0003**
Stddev	.0007	.0001	.0001	.0034	.0001	.0006	.0000	.0001
%RSD	106.9	17.85	12.17	56.97	6.285	18.08	2.764	40.36
#1	.0001	.0003	.0009	.0079	.0016	-.0028	.0017	.0002
#2	-.0013	.0004	.0010	.0077	.0016	-.0031	.0018	.0005
#3	-.0008	.0003	.0012	.0020	.0017	-.0040	.0018	.0004

Zoom In Zoom Out

Sample Name: mnconf Acquired: 1/29/2025 21:35:18 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6393.1**	**100070.**	**10225.**	**2338.8**
Stddev	5.2	584.	47.	6.0
%RSD	.08172	.58333	.46439	.25744
#1	6398.7	100640.	10254.	2345.7
#2	6388.5	99471.	10170.	2336.0
#3	6392.0	100110.	10251.	2334.7

Zoom In Zoom Out

Sample Name: asconf Acquired: 1/29/2025 21:40:20 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0026**	**.0052**	**4.608**	**-.0038**	**.0000**	**-.0002**	**-.0005**	**.0128**	**.0003**
Stddev	.0004	.0074	.041	.0005	.0002	.0001	.0007	.0011	.0004
%RSD	17.29	142.1	.8810	13.70	951.8	25.28	158.3	8.458	140.2
#1	-.0028	.0002	4.633	-.0032	.0003	-.0002	-.0005	.0121	.0006
#2	-.0028	.0017	4.629	-.0041	.0000	-.0003	.0003	.0140	.0002
#3	-.0021	.0138	4.561	-.0041	-.0002	-.0002	-.0012	.0122	-.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0110**	**-.0006**	**.0014**	**.0001**	**.0014**	**-.0950**	**.0009**	**-.0062**	**.0002**
Stddev	.0022	.0002	.0004	.0004	.0016	.0423	.0009	.0153	.0001
%RSD	19.77	25.06	29.26	332.7	117.4	44.52	97.84	245.9	77.27
#1	-.0086	-.0005	.0017	.0004	.0002	-.0898	.0016	-.0207	.0002
#2	-.0113	-.0007	.0009	.0003	.0032	-.0556	-.0001	-.0077	.0000
#3	-.0129	-.0008	.0014	-.0003	.0007	-.1397	.0012	.0098	.0003

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**-.0572**	**.0003**	**.0003**	**-.0014**	**.0032**	**-.0006**	**.0037**	**-.0009**
Stddev	.0002	.0111	.0004	.0004	.0005	.0005	.0017	.0023	.0008
%RSD	1044.	19.46	117.9	100.8	37.90	16.80	267.6	61.90	80.73
#1	.0001	-.0686	.0000	.0006	-.0008	.0038	-.0022	.0014	-.0004
#2	-.0002	-.0463	.0008	-.0000	-.0017	.0027	.0011	.0037	-.0018
#3	.0001	-.0567	.0002	.0004	-.0018	.0031	-.0008	.0059	-.0006

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0003**	**-.0001**	**-.0056**	**-.0002**	**.0019**	**.0004**	**.0001**
Stddev	.0001	.0001	.0005	.0007	.0004	.0008	.0001	.0002
%RSD	20.05	24.40	632.4	13.40	231.4	40.10	24.50	376.7
#1	.0007	.0002	.0004	-.0052	-.0005	.0012	.0003	-.0002
#2	.0008	.0004	.0000	-.0051	-.0002	.0018	.0003	.0002
#3	.0005	.0004	-.0006	-.0064	.0002	.0028	.0005	.0002

Zoom In Zoom Out

Sample Name: asconf Acquired: 1/29/2025 21:40:20 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6457.6**	**100670.**	**10262.**	**2374.4**
Stddev	47.7	237.	32.	19.9
%RSD	.73834	.23545	.30931	.83764
#1	6432.1	100840.	10297.	2364.3
#2	6428.2	100760.	10237.	2361.6
#3	6512.6	100400.	10251.	2397.3

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 21:45:14 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2540**	**39.58**	**1.875**	**2.012**	**1.884**	**2.020**	**1.991**	**40.74**	**2.049**
Stddev	.0079	.03	.002	.003	.001	.001	.003	.03	.002
%RSD	3.109	.0872	.0897	.1655	.0459	.0475	.1418	.0797	.0728
#1	.2556	39.54	1.874	2.016	1.883	2.019	1.995	40.74	2.050
#2	.2454	39.60	1.877	2.009	1.885	2.020	1.990	40.77	2.047
#3	.2609	39.60	1.874	2.012	1.883	2.020	1.989	40.71	2.050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **2.262**	**2.030**	**2.077**	**1.963**	**39.22**	**39.54**	**1.905**	**39.32**	**2.128**
Stddev	.075	.004	.067	.066	.04	.01	.002	.10	.069
%RSD	3.317	.2039	3.208	3.371	.1044	.0159	.0943	.2544	3.262
#1	2.274	2.034	2.088	1.977	39.17	39.54	1.903	39.22	2.143
#2	2.182	2.030	2.005	1.891	39.25	39.54	1.906	39.32	2.052
#3	2.330	2.026	2.137	2.021	39.23	39.53	1.905	39.42	2.189
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	2.000								
Range	10.00%								

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.892**	**39.13**	**1.956**	**1.971**	**1.911**	**1.840**	**1.879**	**1.904**	**4.705**
Stddev	.001	.03	.002	.004	.003	.003	.002	.008	.004
%RSD	.0589	.0842	.1214	.2261	.1785	.1781	.1013	.4348	.0822
#1	1.892	39.10	1.958	1.976	1.912	1.843	1.879	1.913	4.706
#2	1.891	39.12	1.956	1.967	1.913	1.836	1.877	1.898	4.700
#3	1.893	39.16	1.954	1.970	1.907	1.840	1.881	1.900	4.707
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 21:45:14 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.067**	**1.990**	**2.166**	F **2.224**	**2.138**	**1.980**	**2.083**	**2.141**
Stddev	.003	.002	.072	.006	.070	.005	.002	.072
%RSD	.1217	.1161	3.344	.2662	3.294	.2541	.0953	3.351
#1	2.066	1.987	2.181	2.221	2.154	1.984	2.081	2.157
#2	2.065	1.991	2.087	2.231	2.061	1.980	2.082	2.062
#3	2.069	1.992	2.230	2.221	2.199	1.974	2.085	2.203
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				2.000				
Range				10.00%				

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6068.2**	**96069.**	**10286.**	**2322.1**
Stddev	13.8	2420.	7.	5.1
%RSD	.22726	2.5188	.06490	.22088
#1	6074.4	95752.	10288.	2327.4
#2	6052.4	98631.	10292.	2317.1
#3	6077.8	93823.	10279.	2321.8

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 21:49:48 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0023**	**-.0020**	**-.0005**	**-.0031**	**.0000**	**-.0001**	**.0018**	**.0148**	**.0002**
Stddev	.0002	.0115	.0004	.0014	.0003	.0001	.0012	.0037	.0002
%RSD	9.712	576.8	77.85	43.37	1690.	201.6	65.10	24.93	67.11
#1	-.0023	.0093	-.0009	-.0022	.0001	-.0001	.0005	.0186	.0001
#2	-.0024	-.0138	-.0002	-.0026	-.0003	.0001	.0021	.0112	.0002
#3	-.0020	-.0015	-.0003	-.0047	.0003	-.0002	.0028	.0146	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0114**	**.0003**	**.0005**	**.0000**	**.0014**	**-.0450**	**.0013**	**.0057**	**.0001**
Stddev	.0046	.0005	.0002	.0001	.0022	.0082	.0009	.0089	.0000
%RSD	40.23	168.7	40.10	382.0	157.5	18.15	65.09	156.0	18.26
#1	-.0068	.0008	.0003	.0000	-.0011	-.0430	.0012	.0157	.0001
#2	-.0160	.0002	.0006	-.0001	.0024	-.0381	.0023	.0027	.0001
#3	-.0113	-.0001	.0007	.0002	.0030	-.0541	.0006	-.0013	.0001
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0439**	**.0003**	**-.0001**	**-.0001**	**.0021**	**.0003**	**.0030**	**.0001**
Stddev	.0003	.0075	.0004	.0002	.0003	.0037	.0008	.0012	.0011
%RSD	198.5	17.16	139.2	484.2	288.9	176.1	277.1	39.75	1194.
#1	.0001	-.0426	.0006	-.0000	.0002	-.0022	.0003	.0025	.0011
#2	-.0001	-.0371	.0005	-.0003	-.0004	.0043	-.0005	.0044	-.0011
#3	.0005	-.0520	-.0002	.0002	-.0001	.0041	.0011	.0022	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 21:49:48 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**.0002**	**.0001**	**-.0064**	**.0002**	**.0016**	**.0006**	**.0003**
Stddev	.0002	.0002	.0004	.0017	.0003	.0012	.0001	.0001
%RSD	367.3	99.81	518.1	26.17	143.7	71.34	13.58	17.64
#1	-.0001	.0004	.0005	-.0054	.0005	.0030	.0007	.0003
#2	.0001	.0001	.0001	-.0054	-.0001	.0011	.0006	.0003
#3	-.0001	.0000	-.0003	-.0083	.0001	.0008	.0006	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6445.9**	**101380.**	**10272.**	**2369.4**
Stddev	10.4	596.	58.	6.5
%RSD	.16091	.58775	.56898	.27330
#1	6456.3	101280.	10210.	2376.8
#2	6435.6	100840.	10325.	2365.2
#3	6445.7	102020.	10282.	2366.1

Zoom In Zoom Out

Sample Name: MP52394-S1 Acquired: 1/29/2025 21:54:43 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: ZN

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2378**	**62.23**	**1.989**	**1.759**	**4.804**	**1.907**	**.0000**	**132.8**
Stddev	.0008	.07	.002	.004	.007	.002	.0045	.2
%RSD	.3276	.1101	.0758	.2419	.1497	.0967	36650.	.1616
#1	.2372	62.29	1.991	1.760	4.812	1.908	.0037	133.0
#2	.2387	62.25	1.988	1.763	4.798	1.907	.0014	132.8
#3	.2376	62.15	1.990	1.754	4.803	1.905	-.0051	132.5

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.941**	**.1433**	**1.947**	**2.524**	**2.959**	**115.3**	**26.73**	**.0389**
Stddev	.002	.0085	.001	.001	.002	.1	.06	.0040
%RSD	.0765	5.963	.0370	.0525	.0731	.0846	.2297	10.24
#1	1.942	.1374	1.946	2.524	2.959	115.4	26.72	.0365
#2	1.940	.1531	1.948	2.523	2.962	115.2	26.79	.0435
#3	1.942	.1395	1.946	2.526	2.958	115.2	26.67	.0368

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**65.65**	**2.780**	**1.784**	**25.46**	**2.036**	**4.656**	**6.227**	**66.07**
Stddev	.19	.001	.001	.04	.002	.007	.005	.07
%RSD	.2824	.0414	.0433	.1421	.0766	.1585	.0852	.1101
#1	65.78	2.780	1.784	25.51	2.037	4.664	6.222	66.14
#2	65.44	2.778	1.783	25.44	2.036	4.651	6.232	66.09
#3	65.74	2.781	1.784	25.45	2.034	4.652	6.226	65.99

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.431**	**1.736**	**2.300**	**2.000**	**2.032**	**3.748**	W **1.859**	**2.123**
Stddev	.006	.012	.004	.006	.002	.003	.003	.003
%RSD	.4239	.7061	.1952	.2808	.1004	.0868	.1509	.1202
#1	1.437	1.747	2.300	2.005	2.034	3.749	1.858	2.125
#2	1.433	1.738	2.304	2.001	2.031	3.744	1.862	2.120
#3	1.425	1.723	2.295	1.994	2.030	3.750	1.856	2.123

Zoom In Zoom Out

Sample Name: MP52394-S1 Acquired: 1/29/2025 21:54:43 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: ZN

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.628**	**10.33**	**1.919**
Stddev	.004	.00	.002
%RSD	.2302	.0465	.0945
#1	1.631	10.33	1.921
#2	1.629	10.33	1.919
#3	1.624	10.34	1.917

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6194.6**	**101860.**	**10581.**	**2375.4**
Stddev	8.5	172.	12.	3.4
%RSD	.13770	.16901	.11453	.14201
#1	6199.7	102000.	10574.	2376.9
#2	6199.3	101900.	10595.	2377.7
#3	6184.7	101670.	10574.	2371.5

Zoom In Zoom Out

Sample Name: MP52394-S2 Acquired: 1/29/2025 21:59:17 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: ZN

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2322**	**57.89**	**1.905**	**1.753**	**4.632**	**1.875**	**-.0021**	**114.2**
Stddev	.0007	.15	.005	.007	.010	.005	.0024	.4
%RSD	.3069	.2529	.2620	.4237	.2244	.2849	114.8	.3072
#1	.2326	58.03	1.907	1.757	4.641	1.879	-.0043	114.5
#2	.2327	57.88	1.909	1.758	4.635	1.876	.0004	114.2
#3	.2314	57.74	1.900	1.745	4.621	1.869	-.0024	113.8

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.902**	**.1270**	**1.912**	**2.346**	**2.757**	**106.1**	**26.13**	**.0373**
Stddev	.005	.0071	.003	.002	.005	.2	.05	.0041
%RSD	.2812	5.573	.1560	.0831	.1674	.2310	.1834	11.09
#1	1.904	.1347	1.914	2.345	2.762	106.3	26.13	.0402
#2	1.905	.1209	1.914	2.348	2.756	106.2	26.17	.0326
#3	1.895	.1253	1.909	2.346	2.753	105.9	26.08	.0392

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**59.07**	**2.689**	**1.753**	**24.68**	**1.991**	**4.408**	**6.029**	**59.97**
Stddev	.13	.003	.005	.05	.006	.016	.011	.20
%RSD	.2235	.1138	.3004	.2072	.2960	.3620	.1831	.3375
#1	59.09	2.686	1.759	24.71	1.993	4.421	6.033	60.12
#2	59.18	2.690	1.751	24.71	1.995	4.413	6.037	60.05
#3	58.92	2.692	1.749	24.62	1.984	4.390	6.016	59.74

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.457**	**1.686**	**2.432**	**1.948**	**1.979**	**3.602**	W **1.840**	**2.078**
Stddev	.009	.010	.004	.004	.004	.004	.012	.002
%RSD	.5937	.6136	.1685	.2218	.2236	.1084	.6569	.0886
#1	1.463	1.697	2.436	1.946	1.984	3.598	1.852	2.076
#2	1.460	1.684	2.432	1.952	1.980	3.606	1.838	2.077
#3	1.447	1.677	2.427	1.944	1.975	3.601	1.828	2.080

Zoom In Zoom Out

Sample Name: MP52394-S2 Acquired: 1/29/2025 21:59:17 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: ZN

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.618**	**9.623**	**1.887**
Stddev	.005	.028	.001
%RSD	.3425	.2914	.0270
#1	1.623	9.631	1.887
#2	1.619	9.646	1.888
#3	1.613	9.592	1.887

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6241.1**	**102000.**	**10667.**	**2393.4**
Stddev	3.8	216.	21.	4.6
%RSD	.06062	.21131	.19700	.19407
#1	6244.7	102250.	10682.	2392.7
#2	6237.1	101890.	10643.	2389.1
#3	6241.3	101870.	10677.	2398.3

Zoom In Zoom Out

Sample Name: JE4646-1 Acquired: 1/29/2025 22:03:52 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: ZN

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**28.64**	**.2244**	**.0276**	**3.219**	**.0007**	**-.0051**	**150.1**	**.0151**
Stddev	.0010	.05	.0030	.0016	.004	.0003	.0024	.2	.0003
%RSD	231.4	.1719	1.322	5.861	.1149	42.24	46.53	.1291	2.253
#1	.0013	28.60	.2226	.0285	3.214	.0005	-.0061	150.0	.0155
#2	.0005	28.69	.2278	.0285	3.221	.0010	-.0024	150.3	.0150
#3	-.0006	28.62	.2227	.0257	3.220	.0005	-.0068	150.0	.0149

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1116**	**.0380**	**.5468**	**1.026**	**84.79**	**2.622**	**.0262**	**43.16**	**.7819**
Stddev	.0080	.0005	.0005	.001	.05	.145	.0030	.03	.0013
%RSD	7.207	1.261	.0848	.0949	.0644	5.526	11.44	.0801	.1616
#1	.1201	.0384	.5472	1.027	84.76	2.543	.0239	43.12	.7834
#2	.1108	.0375	.5470	1.025	84.86	2.789	.0296	43.19	.7813
#3	.1040	.0382	.5463	1.026	84.76	2.534	.0252	43.18	.7811

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0340**	**1.542**	**.1856**	**3.021**	**4.152**	**63.80**	**.0092**	**-.0024**	**.5741**
Stddev	.0004	.003	.0008	.005	.002	.10	.0018	.0087	.0033
%RSD	1.172	.1883	.4104	.1667	.0489	.1510	19.48	364.9	.5711
#1	.0337	1.546	.1856	3.026	4.155	63.74	.0105	.0017	.5746
#2	.0338	1.541	.1864	3.019	4.151	63.91	.0099	-.0124	.5705
#3	.0345	1.540	.1849	3.017	4.152	63.74	.0071	.0035	.5770

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0950**	**.3320**	**1.551**	**.0032**	**.1811**	**.0221**	**7.977**	**.0297**
Stddev	.0021	.0001	.003	.0085	.0013	.0019	.008	.0005
%RSD	2.218	.0288	.1779	262.2	.6987	8.450	.0993	1.766
#1	.0965	.3321	1.555	.0112	.1819	.0215	7.976	.0300
#2	.0959	.3319	1.551	.0042	.1818	.0206	7.985	.0299
#3	.0926	.3320	1.549	-.0057	.1796	.0242	7.970	.0291

Zoom In Zoom Out

Sample Name: JE4646-1 Acquired: 1/29/2025 22:03:52 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: ZN

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6213.4**	**100780.**	**10534.**	**2360.8**
Stddev	3.7	239.	55.	4.0
%RSD	.05958	.23738	.52000	.17101
#1	6216.4	100790.	10566.	2364.6
#2	6209.3	100540.	10471.	2356.5
#3	6214.6	101020.	10565.	2361.3

Zoom In Zoom Out

Sample Name: MP52394-SD1 Acquired: 1/29/2025 22:08:39 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: ZN

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0194**	**28.29**	**.2085**	**-.0183**	**3.151**	**-.0014**	**-.0135**	**147.2**	**.0146**
Stddev	.0050	.15	.0101	.0072	.002	.0006	.0047	.1	.0018
%RSD	25.79	.5277	4.858	39.47	.0693	46.88	35.08	.0670	12.43
#1	-.0180	28.47	.2145	-.0178	3.152	-.0011	-.0119	147.1	.0156
#2	-.0153	28.22	.2143	-.0114	3.148	-.0021	-.0098	147.2	.0158
#3	-.0250	28.20	.1968	-.0258	3.151	-.0009	-.0188	147.3	.0125

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0500**	**.0305**	**.5474**	**.9833**	**84.73**	**2.142**	**.0239**	**42.75**	**.7755**
Stddev	.0767	.0023	.0039	.0066	.09	.445	.0222	.14	.0019
%RSD	153.5	7.563	.7156	.6754	.1038	20.78	92.78	.3232	.2514
#1	.1385	.0292	.5484	.9801	84.66	1.633	.0045	42.85	.7733
#2	.0058	.0332	.5507	.9788	84.83	2.335	.0481	42.79	.7770
#3	.0056	.0292	.5431	.9909	84.70	2.458	.0192	42.59	.7762

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0331**	**.9536**	**.1811**	**2.863**	**4.144**	**62.65**	**.0028**	**-.0401**	**.5235**
Stddev	.0042	.0323	.0047	.018	.006	.13	.0102	.0257	.0103
%RSD	12.61	3.387	2.600	.6288	.1483	.2006	359.6	64.11	1.959
#1	.0309	.9728	.1856	2.843	4.140	62.70	-.0070	-.0682	.5147
#2	.0379	.9163	.1816	2.866	4.142	62.74	.0021	-.0178	.5347
#3	.0305	.9717	.1762	2.878	4.151	62.50	.0134	-.0343	.5210

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0864**	**.3314**	**1.519**	**-.0466**	**.1732**	**.0240**	**8.043**	**.0302**
Stddev	.0026	.0018	.003	.0107	.0013	.0084	.017	.0010
%RSD	2.964	.5384	.2107	22.98	.7454	35.18	.2146	3.230
#1	.0852	.3322	1.522	-.0423	.1746	.0299	8.047	.0313
#2	.0893	.3293	1.516	-.0388	.1721	.0143	8.057	.0295
#3	.0846	.3326	1.520	-.0588	.1730	.0277	8.024	.0299

Zoom In Zoom Out

Sample Name: MP52394-SD1 Acquired: 1/29/2025 22:08:39 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: ZN

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6384.4**	**101130.**	**10472.**	**2385.4**
Stddev	14.3	204.	6.	6.2
%RSD	.22464	.20130	.05539	.26022
#1	6373.4	100900.	10471.	2381.6
#2	6379.3	101270.	10478.	2382.1
#3	6400.7	101230.	10467.	2392.6

Zoom In Zoom Out

Sample Name: JE4646-2 Acquired: 1/29/2025 22:13:28 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/ZN

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**28.21**	**.2662**	**.0187**	**7.061**	**.0007**	**-.0026**	**83.24**	**.0170**
Stddev	.0007	.08	.0055	.0024	.012	.0001	.0067	.08	.0009
%RSD	80.48	.2883	2.062	13.10	.1734	11.11	259.7	.1020	5.423
#1	.0007	28.12	.2704	.0186	7.048	.0007	-.0054	83.14	.0179
#2	.0003	28.24	.2681	.0211	7.073	.0006	.0051	83.30	.0169
#3	.0018	28.27	.2600	.0163	7.063	.0007	-.0074	83.28	.0161

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1060**	**.0396**	**.6121**	**1.216**	**88.46**	**2.716**	**.0291**	**34.55**	**.7234**
Stddev	.0117	.0010	.0008	.002	.12	.149	.0036	.10	.0004
%RSD	11.02	2.506	.1332	.1391	.1405	5.479	12.30	.2913	.0582
#1	.1046	.0401	.6126	1.217	88.32	2.654	.0284	34.43	.7236
#2	.0952	.0402	.6112	1.218	88.54	2.608	.0330	34.59	.7236
#3	.1184	.0384	.6125	1.215	88.52	2.886	.0259	34.61	.7229

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0347**	**1.421**	**.1907**	**3.092**	**5.547**	**71.86**	**.0135**	**.0013**	**.4707**
Stddev	.0006	.031	.0032	.059	.105	1.58	.0057	.0034	.0106
%RSD	1.849	2.153	1.700	1.907	1.896	2.203	42.20	268.6	2.255
#1	.0342	1.456	.1926	3.127	5.616	72.74	.0070	.0042	.4764
#2	.0354	1.404	.1925	3.125	5.600	72.80	.0158	.0020	.4772
#3	.0345	1.402	.1869	3.024	5.426	70.03	.0178	-.0024	.4584

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1228**	**.2236**	**1.512**	**.0038**	**.1692**	**.0268**	**10.28**	**.0285**
Stddev	.0036	.0004	.003	.0034	.0006	.0018	.22	.0007
%RSD	2.962	.1931	.2036	88.09	.3431	6.858	2.144	2.575
#1	.1262	.2235	1.512	.0040	.1692	.0264	10.41	.0292
#2	.1234	.2232	1.515	.0071	.1687	.0253	10.40	.0284
#3	.1190	.2240	1.509	.0004	.1698	.0289	10.03	.0278

Zoom In Zoom Out

Sample Name: JE4646-2 Acquired: 1/29/2025 22:13:28 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: BA/ZN

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6361.2**	**100970.**	**10557.**	**2387.9**
Stddev	102.9	455.	26.	46.7
%RSD	1.6177	.45104	.24950	1.9552
#1	6300.7	101320.	10562.	2362.8
#2	6302.9	101150.	10528.	2359.1
#3	6480.0	100460.	10580.	2441.8

Zoom In Zoom Out

Sample Name: JE4559-3 Acquired: 1/29/2025 22:18:15 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 50.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: MP52374/PB

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0825**	**56.77**	**.1869**	**-.1379**	**1.309**	**-.0074**	**.2236**	**196.0**	**.0613**
Stddev	.0240	.44	.0277	.0388	.010	.0010	.0498	.4	.0149
%RSD	29.12	.7736	14.81	28.14	.7316	13.72	22.27	.2235	24.39
#1	-.0917	57.23	.1555	-.1417	1.318	-.0064	.2025	196.3	.0729
#2	-.1005	56.74	.2077	-.0973	1.299	-.0084	.2805	195.5	.0444
#3	-.0552	56.36	.1976	-.1747	1.311	-.0073	.1879	196.2	.0665

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0422**	**.0899**	**.6100**	**5.329**	**761.8**	**1.316**	**.1215**	**67.27**	**4.114**
Stddev	.1399	.0232	.0025	.036	2.0	2.528	.0151	.60	.004
%RSD	331.8	25.81	.4176	.6745	.2667	192.1	12.39	.8869	.0948
#1	.0517	.0654	.6129	5.363	764.0	3.251	.1137	67.96	4.113
#2	.0247	.1116	.6088	5.334	760.1	2.241	.1120	67.00	4.112
#3	-.2029	.0927	.6082	5.291	761.4	-1.544	.1389	66.87	4.119

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0297**	**-2.585**	**.3912**	**4.085**	**197.9**	**7.910**	**28.54**	**-.0076**	**.2293**
Stddev	.0145	.217	.0219	.064	.3	.081	.08	.0365	.0029
%RSD	48.76	8.382	5.593	1.569	.1346	1.018	.2911	477.5	1.255
#1	.0140	-2.452	.3980	4.023	197.9	7.824	28.52	.0236	.2325
#2	.0326	-2.468	.4089	4.151	198.2	7.984	28.64	.0013	.2287
#3	.0425	-2.835	.3668	4.080	197.7	7.921	28.48	-.0477	.2268

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.78**	**.4492**	**.5168**	**-.2832**	**.0316**	**.0739**	**8.852**	**.0287**
Stddev	.07	.0030	.0039	.1379	.0047	.0138	.011	.0096
%RSD	.4925	.6653	.7492	48.69	14.99	18.65	.1190	33.44
#1	13.84	.4469	.5191	-.1958	.0284	.0891	8.861	.0346
#2	13.80	.4481	.5123	-.2117	.0293	.0705	8.854	.0339
#3	13.71	.4526	.5190	-.4422	.0370	.0622	8.840	.0176

Zoom In Zoom Out

Sample Name: JE4559-3 Acquired: 1/29/2025 22:18:15 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 50.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: MP52374/PB

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6410.9**	**100850.**	**10430.**	**2369.5**
Stddev	7.8	422.	54.	2.4
%RSD	.12174	.41801	.51668	.09971
#1	6403.2	100650.	10378.	2366.9
#2	6410.8	101330.	10428.	2370.2
#3	6418.8	100560.	10485.	2371.5

Zoom In Zoom Out

Sample Name: JE4559-6 Acquired: 1/29/2025 22:23:06 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: PB

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0224**	**28.26**	**.1142**	**.0285**	**.4234**	**.0001**	**-.0306**	**328.1**	**.0554**
Stddev	.0010	.03	.0131	.0030	.0021	.0001	.0020	.5	.0009
%RSD	4.521	.1127	11.47	10.50	.4874	121.0	6.472	.1383	1.626
#1	-.0235	28.27	.1155	.0250	.4244	-.0000	-.0284	328.6	.0543
#2	-.0222	28.29	.1266	.0303	.4247	.0002	-.0315	328.0	.0560
#3	-.0215	28.23	.1005	.0301	.4210	.0002	-.0320	327.7	.0557

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3557**	**.0687**	**.4544**	**5.393**	**997.2**	**1.529**	**.0354**	**116.8**	**5.364**
Stddev	.0115	.0012	.0010	.001	.9	.354	.0026	.4	.001
%RSD	3.222	1.742	.2257	.0228	.0858	23.19	7.341	.3323	.0131
#1	.3447	.0698	.4535	5.392	997.4	1.911	.0339	117.3	5.364
#2	.3676	.0674	.4541	5.393	997.8	1.211	.0339	116.7	5.365
#3	.3548	.0689	.4555	5.394	996.2	1.464	.0384	116.5	5.364

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0849**	**.3269**	**1.787**	**1.586**	**17.60**	**4.723**	**.1190**	**-.0354**	**1.220**
Stddev	.0019	.0339	.000	.020	.00	.005	.0066	.0098	.005
%RSD	2.199	10.36	.0158	1.266	.0031	.1027	5.530	27.63	.4220
#1	.0836	.3486	1.787	1.601	17.60	4.727	.1227	-.0381	1.224
#2	.0841	.3443	1.787	1.594	17.60	4.717	.1230	-.0436	1.221
#3	.0870	.2879	1.787	1.563	17.60	4.725	.1114	-.0246	1.214

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.123**	**.4622**	**.6110**	**.0105**	**.0309**	**.0203**	**5.559**	**.0399**
Stddev	.016	.0002	.0057	.0101	.0010	.0061	.006	.0002
%RSD	.5041	.0490	.9293	95.76	3.218	29.87	.1164	.5250
#1	3.139	.4623	.6167	.0187	.0318	.0182	5.566	.0401
#2	3.124	.4624	.6111	-.0008	.0298	.0156	5.559	.0397
#3	3.107	.4620	.6053	.0137	.0310	.0272	5.553	.0398

Zoom In Zoom Out

Sample Name: JE4559-6 Acquired: 1/29/2025 22:23:06 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: PB

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6285.2**	**98436.**	**10293.**	**2293.9**
Stddev	2.8	102.	15.	4.4
%RSD	.04455	.10366	.14890	.19154
#1	6282.1	98502.	10278.	2289.1
#2	6287.5	98488.	10293.	2294.9
#3	6286.0	98319.	10309.	2297.8

Zoom In Zoom Out

Sample Name: JE4559-11 Acquired: 1/29/2025 22:27:54 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: PB

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0146**	**50.66**	**.1474**	**.0238**	**1.088**	**.0034**	**-.0202**	**194.5**	**.0249**
Stddev	.0007	.10	.0040	.0049	.002	.0003	.0089	.3	.0007
%RSD	4.919	.1923	2.725	20.37	.1733	8.008	43.99	.1293	2.698
#1	-.0137	50.63	.1443	.0248	1.086	.0035	-.0298	194.2	.0256
#2	-.0150	50.58	.1460	.0281	1.089	.0035	-.0123	194.6	.0249
#3	-.0149	50.77	.1519	.0186	1.089	.0030	-.0185	194.6	.0242

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2460**	**.0369**	**.1270**	**5.327**	**308.5**	**2.904**	**.0527**	**33.98**	**2.892**
Stddev	.0327	.0008	.0011	.013	.5	.057	.0092	.18	.008
%RSD	13.30	2.258	.8713	.2349	.1676	1.951	17.48	.5351	.2719
#1	.2528	.0360	.1270	5.337	308.0	2.957	.0633	33.79	2.895
#2	.2104	.0370	.1258	5.313	308.6	2.844	.0482	33.98	2.883
#3	.2747	.0377	.1280	5.330	309.0	2.910	.0465	34.16	2.898

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0136**	**1.058**	**.1472**	**2.084**	**24.20**	**19.42**	**.0941**	**-.0164**	**1.771**
Stddev	.0010	.055	.0014	.010	.03	.03	.0131	.0073	.010
%RSD	7.600	5.215	.9174	.4918	.1253	.1308	13.89	44.72	.5649
#1	.0125	1.087	.1457	2.074	24.21	19.44	.1090	-.0181	1.761
#2	.0146	.9946	.1483	2.094	24.22	19.40	.0890	-.0227	1.772
#3	.0135	1.093	.1476	2.084	24.16	19.44	.0844	-.0083	1.780

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.053**	**.9557**	**1.732**	**.0111**	**.1241**	**.0239**	**11.05**	**.0706**
Stddev	.004	.0025	.007	.0091	.0011	.0020	.01	.0004
%RSD	.4241	.2575	.4017	81.93	.8861	8.231	.1096	.4982
#1	1.052	.9531	1.729	.0120	.1228	.0220	11.05	.0708
#2	1.049	.9580	1.727	.0016	.1248	.0239	11.04	.0708
#3	1.058	.9561	1.740	.0197	.1247	.0259	11.07	.0702

Zoom In Zoom Out

Sample Name: JE4559-11 Acquired: 1/29/2025 22:27:54 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: PB

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6314.7**	**100570.**	**10521.**	**2370.8**
Stddev	4.6	394.	38.	4.8
%RSD	.07222	.39151	.36491	.20060
#1	6309.6	100400.	10549.	2371.1
#2	6318.5	101020.	10537.	2375.4
#3	6315.9	100290.	10478.	2365.9

Zoom In Zoom Out

Sample Name: JE4559-14 Acquired: 1/29/2025 22:32:42 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: PB

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0049**	**54.68**	**.1875**	**.0133**	**1.631**	**.0025**	**.0020**	**76.15**
Stddev	.0005	.12	.0026	.0038	.003	.0001	.0067	.18
%RSD	9.616	.2135	1.378	28.46	.1966	5.629	342.5	.2389
#1	.0055	54.54	.1845	.0102	1.628	.0025	.0091	75.95
#2	.0049	54.73	.1888	.0122	1.634	.0026	.0011	76.20
#3	.0045	54.76	.1891	.0176	1.632	.0023	-.0043	76.31

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0507**	**.3733**	**.0765**	**.4020**	F **35.30**	F **825.0**	**2.106**	**.0425**
Stddev	.0005	.0076	.0005	.0008	.06	5.6	.047	.0020
%RSD	.9279	2.031	.6061	.1956	.1575	.6827	2.229	4.796
#1	.0505	.3820	.0761	.4027	35.33	818.7	2.084	.0432
#2	.0504	.3682	.0763	.4012	35.34	826.7	2.160	.0441
#3	.0513	.3696	.0770	.4020	35.24	829.6	2.074	.0402

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.22**	**4.967**	**.0658**	**.7665**	**.7236**	**4.707**	**8.146**	**4.394**
Stddev	.13	.006	.0009	.0239	.0014	.003	.006	.002
%RSD	.5844	.1139	1.364	3.115	.1940	.0723	.0781	.0483
#1	22.12	4.962	.0652	.7475	.7251	4.709	8.154	4.396
#2	22.18	4.964	.0654	.7933	.7233	4.708	8.142	4.392
#3	22.37	4.973	.0668	.7585	.7224	4.703	8.143	4.395

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2137**	W **-.0188**	**.4452**	**1.177**	**.3003**	**.5689**	**-.0025**	**.0643**
Stddev	.0037	.0070	.0047	.002	.0005	.0015	.0011	.0008
%RSD	1.722	37.40	1.057	.1363	.1533	.2688	43.09	1.315
#1	.2176	-.0163	.4504	1.179	.2998	.5697	-.0027	.0646
#2	.2133	-.0267	.4439	1.176	.3005	.5671	-.0013	.0649
#3	.2103	-.0133	.4412	1.177	.3007	.5699	-.0034	.0633

Zoom In Zoom Out

Sample Name: JE4559-14 Acquired: 1/29/2025 22:32:42 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: PB

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.1508**	F **27.36**	**.0437**
Stddev	.0018	.03	.0003
%RSD	1.182	.1050	.7259
#1	.1495	27.37	.0433
#2	.1528	27.38	.0438
#3	.1499	27.33	.0439

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6459.4**	**98807.**	**10457.**	**2314.7**
Stddev	8.0	269.	61.	2.8
%RSD	.12433	.27189	.58135	.12249
#1	6450.2	99018.	10527.	2314.2
#2	6462.7	98898.	10424.	2312.2
#3	6465.2	98504.	10420.	2317.8

Zoom In Zoom Out

Sample Name: JE4559-15 Acquired: 1/29/2025 22:37:42 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: PB

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0353**	**80.95**	**.2116**	**.0333**	**.6079**	**.0001**	**.0904**	**55.81**	**.1120**
Stddev	.0014	.12	.0027	.0030	.0006	.0000	.0078	.12	.0012
%RSD	3.948	.1474	1.278	8.881	.1000	35.78	8.586	.2196	1.055
#1	.0354	80.96	.2112	.0366	.6086	.0000	.0884	55.83	.1112
#2	.0366	81.06	.2091	.0323	.6076	.0001	.0839	55.92	.1114
#3	.0338	80.82	.2145	.0310	.6076	.0001	.0990	55.68	.1134

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3803**	**.0816**	**.4702**	F **187.9**	F **828.7**	**3.351**	**.0613**	**26.08**	**4.559**
Stddev	.0012	.0008	.0006	1.6	2.8	.110	.0021	.03	.003
%RSD	.3078	1.037	.1378	.8481	.3389	3.283	3.437	.1195	.0713
#1	.3806	.0824	.4707	188.1	831.6	3.478	.0618	26.06	4.559
#2	.3790	.0807	.4705	189.5	826.0	3.280	.0590	26.12	4.556
#3	.3812	.0818	.4695	186.3	828.4	3.295	.0631	26.06	4.562

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1741**	**.8227**	**.6071**	**-.3321**	**9.527**	**6.475**	**.0806**	**-.0029**	**1.573**
Stddev	.0009	.0213	.0039	.0086	.057	.035	.0065	.0104	.017
%RSD	.4946	2.584	.6410	2.593	.5960	.5473	8.082	356.0	1.089
#1	.1736	.8471	.6085	-.3404	9.540	6.487	.0876	-.0046	1.579
#2	.1736	.8080	.6027	-.3232	9.465	6.435	.0794	.0082	1.554
#3	.1751	.8131	.6101	-.3326	9.576	6.502	.0748	-.0123	1.587

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.824**	**.3769**	**.4729**	**.0076**	**.1139**	**.1808**	F **17.43**	**.0378**
Stddev	.010	.0004	.0012	.0069	.0003	.0013	.13	.0003
%RSD	.5645	.1027	.2443	91.48	.3025	.7414	.7492	.7486
#1	1.825	.3772	.4718	.0041	.1135	.1810	17.49	.0378
#2	1.813	.3770	.4741	.0031	.1138	.1820	17.28	.0374
#3	1.834	.3764	.4727	.0156	.1142	.1793	17.51	.0380

Zoom In Zoom Out

Sample Name: JE4559-15 Acquired: 1/29/2025 22:37:42 Type: Unk
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment: PB

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6491.1**	**99590.**	**10534.**	**2319.7**
Stddev	35.3	267.	50.	14.1
%RSD	.54424	.26787	.47563	.60963
#1	6474.6	99429.	10545.	2312.8
#2	6531.6	99898.	10479.	2336.0
#3	6467.0	99444.	10577.	2310.4

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 22:42:41 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2448**	**39.77**	**1.866**	**2.027**	**1.871**	**2.042**	**1.990**	**41.31**	**2.067**
Stddev	.0004	.02	.006	.003	.001	.002	.006	.06	.006
%RSD	.1721	.0449	.3449	.1626	.0254	.1119	.2927	.1546	.3085
#1	.2445	39.78	1.872	2.029	1.871	2.044	1.997	41.38	2.074
#2	.2447	39.79	1.867	2.029	1.871	2.043	1.988	41.29	2.065
#3	.2453	39.75	1.859	2.023	1.872	2.040	1.986	41.26	2.062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **2.265**	**2.049**	**2.004**	**1.886**	**39.20**	**40.00**	**1.898**	**39.07**	**2.080**
Stddev	.003	.001	.003	.001	.00	.05	.003	.08	.004
%RSD	.1340	.0249	.1400	.0377	.0074	.1251	.1305	.2003	.1837
#1	2.263	2.049	2.005	1.887	39.21	40.02	1.898	39.15	2.085
#2	2.268	2.049	2.001	1.886	39.20	40.03	1.900	39.08	2.077
#3	2.264	2.048	2.006	1.886	39.20	39.94	1.895	38.99	2.079
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	2.000								
Range	10.00%								

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.878**	**39.11**	**1.958**	**2.001**	**1.899**	**1.818**	**1.866**	**1.894**	**4.693**
Stddev	.001	.02	.001	.007	.002	.002	.002	.006	.005
%RSD	.0722	.0418	.0537	.3770	.0993	.1308	.1200	.3281	.1159
#1	1.879	39.13	1.957	2.010	1.897	1.820	1.869	1.899	4.697
#2	1.877	39.09	1.957	1.997	1.900	1.817	1.866	1.895	4.696
#3	1.877	39.11	1.959	1.996	1.901	1.815	1.864	1.887	4.687
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 1/29/2025 22:42:41 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.082**	**1.999**	**2.139**	F **2.289**	**2.113**	**1.986**	**2.099**	**2.096**
Stddev	.004	.001	.005	.004	.004	.002	.003	.002
%RSD	.1918	.0453	.2188	.1971	.1991	.0955	.1221	.0894
#1	2.086	2.000	2.144	2.284	2.118	1.987	2.102	2.098
#2	2.080	1.999	2.136	2.289	2.110	1.983	2.097	2.095
#3	2.079	1.998	2.136	2.293	2.112	1.987	2.099	2.095
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				2.000				
Range				10.00%				

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6069.9**	**98141.**	**10335.**	**2327.0**
Stddev	7.1	387.	26.	5.5
%RSD	.11658	.39477	.24770	.23650
#1	6064.6	97983.	10313.	2321.1
#2	6078.0	98583.	10330.	2332.0
#3	6067.2	97858.	10363.	2328.0

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 22:47:15 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0029**	**.0124**	**-.0017**	**-.0015**	**.0002**	**-.0002**	**-.0007**	**.0194**	**-.0000**
Stddev	.0011	.0046	.0005	.0006	.0001	.0000	.0026	.0051	.0002
%RSD	37.35	36.96	30.49	37.63	43.92	16.51	390.4	26.24	325.2
#1	-.0038	.0178	-.0011	-.0020	.0001	-.0002	.0020	.0228	.0001
#2	-.0034	.0095	-.0020	-.0017	.0003	-.0002	-.0009	.0136	.0000
#3	-.0017	.0101	-.0020	-.0009	.0002	-.0001	-.0032	.0220	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0105**	**.0003**	**.0004**	**-.0003**	**.0025**	**-.0227**	**.0020**	**-.0097**	**.0002**
Stddev	.0015	.0003	.0001	.0003	.0020	.0111	.0010	.0160	.0000
%RSD	13.89	114.7	30.22	130.1	79.29	49.13	50.73	165.7	20.25
#1	-.0121	.0004	.0006	.0001	.0039	-.0344	.0020	-.0276	.0002
#2	-.0099	-.0001	.0003	-.0004	.0002	-.0214	.0030	-.0047	.0002
#3	-.0094	.0005	.0004	-.0006	.0034	-.0122	.0010	.0033	.0001
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0455**	**.0006**	**.0001**	**.0002**	**.0013**	**.0008**	**-.0008**	**.0014**
Stddev	.0003	.0044	.0001	.0035	.0009	.0012	.0010	.0039	.0007
%RSD	260.7	9.656	17.10	3562.	493.7	96.83	124.4	494.6	48.89
#1	.0003	-.0464	.0005	.0042	-.0001	.0021	-.0001	.0034	.0007
#2	.0001	-.0407	.0007	-.0022	-.0005	-.0001	.0018	-.0042	.0021
#3	-.0002	-.0493	.0007	-.0016	.0012	.0019	.0006	-.0016	.0015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 1/29/2025 22:47:15 Type: QC
Method: SGS 092523(v316) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0002**	**.0002**	**-.0056**	**.0002**	**-.0006**	**.0006**	**.0003**
Stddev	.0002	.0001	.0004	.0017	.0001	.0007	.0001	.0001
%RSD	54.70	21.01	165.2	30.66	76.26	106.5	17.17	43.89
#1	.0001	.0003	.0007	-.0048	.0003	.0001	.0008	.0003
#2	.0003	.0002	-.0001	-.0045	.0001	-.0009	.0005	.0004
#3	.0004	.0003	.0002	-.0076	.0001	-.0012	.0006	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6440.3**	**100370.**	**10450.**	**2371.9**
Stddev	3.0	314.	32.	3.9
%RSD	.04634	.31328	.30875	.16305
#1	6443.7	100130.	10416.	2376.4
#2	6438.0	100730.	10454.	2369.8
#3	6439.4	100260.	10480.	2369.5

NOTE: The remaining raw data for this batch is not relevant to this job. As such it has been omitted.

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Ag 328.068 {103}	☒	20	Mn	-0.000210	0.000000	No
			Mo	-0.000438	0.000000	No
			Ti	-0.000213	0.000000	No
			Fe	0.000008	0.000000	No
			V	0.000060	0.000000	No
			Zn	0.000010	0.000000	No
			Ca	-0.000001	0.000000	No
			Al	0.000001	0.000000	No
			Mg	-0.000003	0.000000	No
			Ba	-0.000089	0.000000	No
			Cr	-0.000228	0.000000	No
			Zr	0.005942	0.000000	No
			Sn	0.000090	0.000000	No
			W	-0.000100	0.000000	No
			K	-0.000000	0.000000	No
			Ce	-0.000115	0.000000	No
			Ni	0.000000	0.000000	No
			S	-0.000010	0.000000	No
			Co	0.000035	0.000000	No
			Cu	-0.000220	0.000000	No
Al 396.152 { 85}	☒	8	Si	0.000913	0.000000	No
			Ca	-0.000182	0.000000	No
			Mo	0.046440	0.000000	No
			Ti	-0.000017	0.000000	No
			Ce	-0.007490	0.000000	No
			Zr	0.011761	0.000000	No
			Fe	0.000023	0.000000	No
			S	-0.000074	0.000000	No
As 189.042 {478}	☒	26	Al	0.000003	0.000000	No
			Fe	-0.000021	0.000000	No
			Ca	-0.000005	0.000000	No
			Mn	-0.000200	0.000000	No
			Mo	0.001360	0.000000	No
			Cr	0.001070	0.000000	No
			V	0.000015	0.000000	No
			Co	-0.000570	0.000000	No
			W	0.001378	0.000000	No
			Sn	-0.000023	0.000000	No
			Cd	-0.000060	0.000000	No
			Tl	0.000052	0.000000	No
			Be	-0.000017	0.000000	No
			Mg	0.000004	0.000000	No
			Si	-0.000013	0.000000	No
			Zn	-0.000130	0.000000	No
			Sr	-0.000080	0.000000	No
			Zr	0.000023	0.000000	No
			Ti	-0.000030	0.000000	No
			Cu	0.000079	0.000000	No
			K	0.000000	0.000000	No
			B	0.000220	0.000000	No
			S	0.000004	0.000000	No
			Ce	-0.000600	0.000000	No
			Ba	0.000190	0.000000	No
			P	-0.000174	0.000000	No
B 208.959 {462}	☒	5	Mo	0.049322	0.000000	No
			Ti	0.000004	0.000000	No
			V	0.000250	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Zr	-0.001880	0.000000	No
			Al	0.000009	0.000000	No
Ba 455.403 { 74}	☒	3	Mg	-0.000001	0.000000	No
			Al	0.000009	0.000000	No
			Zr	0.000007	0.000000	No
Be 313.042 {108}	☒	11	V	0.001160	0.000000	No
			Mo	-0.000030	0.000000	No
			Ti	-0.000186	0.000000	No
			Mn	-0.000036	0.000000	No
			Ni	0.000001	0.000000	No
			Ca	0.000000	0.000000	No
			Cu	0.000014	0.000000	No
			Zn	-0.000010	0.000000	No
			Fe	0.000000	0.000000	No
			W	-0.000010	0.000000	No
			K	-0.000002	0.000000	No
Bi 223.061 {451}	☒	11	V	-0.000680	0.000000	No
			Co	-0.004144	0.000000	No
			Ca	0.000003	0.000000	No
			Mg	-0.000002	0.000000	No
			W	-0.002676	0.000000	No
			Cu	-0.001186	0.000000	No
			Fe	0.000165	0.000000	No
			Cr	0.001500	0.000000	No
			Ti	-0.000300	0.000000	No
			Ce	-0.000577	0.000000	No
			Al	-0.000010	0.000000	No
Ca 317.933 {106}	☒	13	Fe	0.000130	0.000000	No
			W	0.003960	0.000000	No
			Tl	0.004950	0.000000	No
			Be	0.001840	0.000000	No
			Ba	0.003500	0.000000	No
			Cu	-0.001800	0.000000	No
			Cd	0.003700	0.000000	No
			Ni	0.001513	0.000000	No
			B	-0.000210	0.000000	No
			Se	0.002000	0.000000	No
			Co	0.000540	0.000000	No
			Cr	0.000640	0.000000	No
			Al	0.000026	0.000000	No
Cd 228.802 {448}	☒	14	As	0.006320	0.000000	No
			Ni	-0.000107	0.000000	No
			Fe	-0.000010	0.000000	No
			V	0.000091	0.000000	No
			Ba	0.000054	0.000000	No
			Co	-0.001330	0.000000	No
			Ca	0.000010	0.000000	No
			Mn	0.000006	0.000000	No
			Cr	-0.000093	0.000000	No
			Cu	0.000024	0.000000	No
			Al	-0.000000	0.000000	No
			Mo	0.000014	0.000000	No
			W	-0.000367	0.000000	No
			Mg	0.000000	0.000000	No
Ce 404.076 { 83}	☒	9	V	-0.000600	0.000000	No
			Mn	-0.002040	0.000000	No
			Ca	0.000015	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Ti	-0.001800	0.000000	No
			Cr	0.000022	0.000000	No
			As	-0.000459	0.000000	No
			Mo	-0.002500	0.000000	No
			Fe	0.000218	0.000000	No
			Zr	-0.001080	0.000000	No
Co 228.616 {448}	☒	9	Fe	0.000007	0.000000	No
			Cr	0.000100	0.000000	No
			Mo	-0.000180	0.000000	No
			Ni	0.000084	0.000000	No
			Ti	0.002198	0.000000	No
			W	0.000160	0.000000	No
			Cd	-0.000188	0.000000	No
			Ca	0.000000	0.000000	No
			As	0.000150	0.000000	No
Cr 267.716 {126}	☒	13	Mn	0.000180	0.000000	No
			Mo	-0.000022	0.000000	No
			Fe	0.000001	0.000000	No
			Cd	-0.000050	0.000000	No
			Al	-0.000001	0.000000	No
			Ca	0.000002	0.000000	No
			Mg	0.000001	0.000000	No
			Ti	-0.000053	0.000000	No
			Ba	0.000013	0.000000	No
			Cu	0.000100	0.000000	No
			Sr	-0.000100	0.000000	No
			V	0.000035	0.000000	No
			As	-0.000260	0.000000	No
Cu 324.754 {104}2	☒	21	Cr	-0.000141	0.000000	No
			V	-0.000148	0.000000	No
			Mo	0.000675	0.000000	No
			Ti	-0.000186	0.000000	No
			Fe	-0.000094	0.000000	No
			Al	0.000003	0.000000	No
			Sn	0.000103	0.000000	No
			Co	-0.000931	0.000000	No
			Zr	0.000110	0.000000	No
			Si	-0.000002	0.000000	No
			Mn	-0.000354	0.000000	No
			Se	0.000050	0.000000	No
			Ag	0.000166	0.000000	No
			Sb	0.000024	0.000000	No
			Pb	-0.000260	0.000000	No
			Be	-0.000031	0.000000	No
			W	-0.000990	0.000000	No
			Ce	-0.000260	0.000000	No
			Ca	0.000002	0.000000	No
			Mg	0.000003	0.000000	No
			Zn	-0.000270	0.000000	No
Fe 259.940 {130}	☒	18	Co	0.000004	0.000000	No
			Si	0.000000	0.000000	No
			Tl	-0.002590	0.000000	No
			Se	-0.000050	0.000000	No
			Cr	-0.001222	0.000000	No
			Mn	-0.001433	0.000000	No
			V	-0.001062	0.000000	No
			Cu	0.000953	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			K	-0.000200	0.000000	No
			Zn	0.000046	0.000000	No
			Ti	-0.001701	0.000000	No
			Ca	0.000007	0.000000	No
			Ba	0.001000	0.000000	No
			Al	0.000005	0.000000	No
			Na	0.000000	0.000000	No
			Ce	0.000067	0.000000	No
			Mo	0.000000	0.000000	No
			Li	0.012000	0.000000	No
K 766.490 { 44}	☒	11	Fe	-0.000523	0.000000	No
			Al	-0.000168	0.000000	No
			Ca	-0.000196	0.000000	No
			Mn	0.001430	0.000000	No
			Si	-0.000300	0.000000	No
			V	0.000000	0.000000	No
			Sn	-0.004700	0.000000	No
			Na	0.000000	0.000000	No
			Mo	-0.000850	0.000000	No
			Cu	0.000000	0.000000	No
			Mg	0.000076	0.000000	No
Li 670.784 { 50}	☒	4	Ca	0.000039	0.000000	No
			Ti	-0.001040	0.000000	No
			Co	-0.001140	0.000000	No
			Mo	-0.001190	0.000000	No
Mg 279.079 {121}	☒	2	Mo	-0.006280	0.000000	No
			Fe	-0.000095	0.000000	No
Mn 257.610 {131}	☒	9	Fe	-0.000029	0.000000	No
			Si	0.000044	0.000000	No
			Ba	0.000012	0.000000	No
			Ni	0.000028	0.000000	No
			Mo	0.000040	0.000000	No
			Cr	-0.000114	0.000000	No
			Mg	0.000004	0.000000	No
			Ca	0.000006	0.000000	No
			Al	-0.000018	0.000000	No
Mo 202.030 {467}	☒	5	Fe	-0.000010	0.000000	No
			Mg	-0.000001	0.000000	No
			Ca	-0.000003	0.000000	No
			W	0.000000	0.000000	No
			V	-0.000230	0.000000	No
Na 589.592 { 57}	☒	4	K	0.000000	0.000000	No
			Ba	0.000090	0.000000	No
			Ca	0.000055	0.000000	No
			V	0.000000	0.000000	No
Ni 231.604 {446}	☒	12	Fe	0.000022	0.000000	No
			Zn	-0.000100	0.000000	No
			Be	-0.000112	0.000000	No
			Co	-0.000239	0.000000	No
			Tl	0.000209	0.000000	No
			V	-0.000032	0.000000	No
			Cu	-0.000043	0.000000	No
			Cr	-0.000154	0.000000	No
			Si	-0.000003	0.000000	No
			Sn	0.000079	0.000000	No
			W	-0.000317	0.000000	No
			Al	-0.000003	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
P 177.495 {490}	☒	5	Mn	-0.003196	0.000000	No
			Ca	-0.000024	0.000000	No
			Fe	0.000000	0.000000	No
			Cu	-0.001296	0.000000	No
			V	-0.002330	0.000000	No
Pb 220.353 {453}	☒	24	Al	-0.000075	0.000000	No
			Fe	0.000034	0.000000	No
			Ca	-0.000006	0.000000	No
			Mn	0.000112	0.000000	No
			Zn	0.000073	0.000000	No
			Mo	-0.001728	0.000000	No
			Cu	0.000008	0.000000	No
			V	-0.000103	0.000000	No
			Co	-0.000472	0.000000	No
			Ti	-0.000113	0.000000	No
			Si	0.000016	0.000000	No
			Ba	-0.000012	0.000000	No
			Sb	0.000006	0.000000	No
			Sr	0.000078	0.000000	No
			W	-0.000782	0.000000	No
			Mg	0.000011	0.000000	No
			Cd	0.000076	0.000000	No
			Zr	-0.000204	0.000000	No
			Ni	0.000138	0.000000	No
			S	0.000006	0.000000	No
			Se	0.000036	0.000000	No
			As	0.000176	0.000000	No
			Cr	-0.000116	0.000000	No
			Ce	0.000438	0.000000	No
S 182.034 {485}	☒	15	Ca	0.000033	0.000000	No
			Al	-0.000016	0.000000	No
			Fe	-0.000096	0.000000	No
			W	0.000833	0.000000	No
			Mn	0.003898	0.000000	No
			Mo	-0.005840	0.000000	No
			Ce	-0.002630	0.000000	No
			Co	0.000018	0.000000	No
			Cr	0.001140	0.000000	No
			As	-0.000420	0.000000	No
			Ti	0.001090	0.000000	No
			Zr	-0.003050	0.000000	No
			V	-0.000310	0.000000	No
			Mg	-0.000031	0.000000	No
			Ba	-0.001220	0.000000	No
Sb 206.833 {463}	☒	18	Fe	0.000045	0.000000	No
			Al	-0.000017	0.000000	No
			Ca	-0.000006	0.000000	No
			Ni	0.000095	0.000000	No
			Cr	0.022830	0.000000	No
			V	-0.001864	0.000000	No
			Zn	-0.000021	0.000000	No
			Mo	-0.000760	0.000000	No
			Ti	0.000760	0.000000	No
			Sn	-0.000909	0.000000	No
			Mg	-0.000000	0.000000	No
			Zr	-0.000306	0.000000	No
			Sr	0.000132	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
				W	0.001291	0.000000	No
				Si	0.000000	0.000000	No
				Ce	-0.001883	0.000000	No
				As	0.000002	0.000000	No
				Cu	0.000003	0.000000	No
	Se 196.090 {472}	☒	24	Al	-0.000007	0.000000	No
				Ca	0.000005	0.000000	No
				Mn	0.000199	0.000000	No
				Mo	0.000280	0.000000	No
				Fe	-0.000152	0.000000	No
				Co	-0.000019	0.000000	No
				V	0.000094	0.000000	No
				Sr	-0.000008	0.000000	No
				Cu	-0.000113	0.000000	No
				W	0.011403	0.000000	No
				Si	0.000037	0.000000	No
				Tl	-0.000080	0.000000	No
				Be	-0.000143	0.000000	No
				Zn	0.000190	0.000000	No
				B	-0.000141	0.000000	No
				Ti	-0.000043	0.000000	No
				Cd	0.000090	0.000000	No
				Zr	-0.000280	0.000000	No
				Ba	-0.000220	0.000000	No
				Mg	0.000004	0.000000	No
				Cr	0.000212	0.000000	No
				S	-0.000011	0.000000	No
				Ce	-0.002308	0.000000	No
				As	-0.000590	0.000000	No
	Si 212.412 {459}	☒	20	Sr	0.000366	0.000000	No
				Ni	0.000106	0.000000	No
				Mo	0.035250	0.000000	No
				Ti	0.003870	0.000000	No
				Al	-0.000021	0.000000	No
				Cd	0.001043	0.000000	No
				Ba	0.000170	0.000000	No
				Fe	-0.000042	0.000000	No
				Sn	0.002213	0.000000	No
				Zn	0.000385	0.000000	No
				As	0.000560	0.000000	No
				Pb	0.000471	0.000000	No
				V	0.011584	0.000000	No
				W	0.004566	0.000000	No
				Ca	-0.000007	0.000000	No
				Mg	-0.000036	0.000000	No
				Cr	-0.002090	0.000000	No
				Mn	-0.002270	0.000000	No
				Co	0.000482	0.000000	No
				S	-0.000199	0.000000	No
	Sn 189.989 {478}	☒	13	Ti	-0.001880	0.000000	No
				Mo	0.000011	0.000000	No
				Fe	0.000005	0.000000	No
				Mn	0.000060	0.000000	No
				Si	0.000089	0.000000	No
				W	-0.000046	0.000000	No
				V	0.000000	0.000000	No
				Mg	-0.000001	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			As	-0.000156	0.000000	No
			Cr	0.000058	0.000000	No
			Al	-0.000005	0.000000	No
			Zr	0.000800	0.000000	No
			Ca	-0.000008	0.000000	No
Sr 407.771 { 83}	☒	3	Fe	-0.000003	0.000000	No
			Ca	0.000007	0.000000	No
			Mg	0.000000	0.000000	No
Ti 334.904 {101}	☒	4	Cr	-0.000084	0.000000	No
			Mo	0.001460	0.000000	No
			Si	0.000035	0.000000	No
			Ca	-0.000003	0.000000	No
Tl 190.856 {477}	☒	28	Cr	-0.000039	0.000000	No
			Mo	-0.001200	0.000000	No
			Al	0.000009	0.000000	No
			Fe	0.000006	0.000000	No
			V	-0.010200	0.000000	No
			Mn	0.001488	0.000000	No
			Si	-0.000026	0.000000	No
			Ca	-0.000001	0.000000	No
			Ti	-0.002280	0.000000	No
			Mg	0.000000	0.000000	No
			Co	0.005660	0.000000	No
			Sr	0.000114	0.000000	No
			B	0.000130	0.000000	No
			Ba	-0.000020	0.000000	No
			Zn	0.000081	0.000000	No
			As	0.000097	0.000000	No
			Ni	-0.000120	0.000000	No
			Cu	-0.000056	0.000000	No
			W	-0.005067	0.000000	No
			Sn	-0.000080	0.000000	No
			Se	-0.000040	0.000000	No
			S	0.000000	0.000000	No
			K	-0.000025	0.000000	No
			P	0.000000	0.000000	No
			Ce	-0.000195	0.000000	No
			Zr	0.000150	0.000000	No
			Na	0.000000	0.000000	No
			Pb	0.000050	0.000000	No
V 292.402 {115}	☒	7	Ti	0.000780	0.000000	No
			Mo	-0.000757	0.000000	No
			Fe	0.000045	0.000000	No
			Sr	0.000000	0.000000	No
			Cr	-0.001789	0.000000	No
			Mn	-0.000164	0.000000	No
			W	0.000050	0.000000	No
W 207.911 {462}	☒	25	Al	0.000002	0.000000	No
			Si	-0.000900	0.000000	No
			Fe	0.000003	0.000000	No
			As	-0.000200	0.000000	No
			Mg	-0.000007	0.000000	No
			Mn	0.000420	0.000000	No
			Mo	-0.000300	0.000000	No
			Ti	0.000080	0.000000	No
			Sr	0.000400	0.000000	No
			V	-0.000140	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Cd	-0.000650	0.000000	No
			Cr	-0.000390	0.000000	No
			Zn	0.009926	0.000000	No
			Sn	0.000078	0.000000	No
			Zr	-0.000000	0.000000	No
			B	-0.001000	0.000000	No
			Sb	-0.000019	0.000000	No
			Co	0.000041	0.000000	No
			Ni	0.000567	0.000000	No
			Be	-0.000130	0.000000	No
			Se	-0.000080	0.000000	No
			Cu	-0.000118	0.000000	No
			Ba	-0.000090	0.000000	No
			Tl	-0.000110	0.000000	No
			Ca	0.000001	0.000000	No
Zn 206.200 {464}	☒	30	Cr	-0.000026	0.000000	No
			Mo	0.000341	0.000000	No
			Fe	0.000003	0.000000	No
			Al	0.000005	0.000000	No
			Si	0.000016	0.000000	No
			Ba	-0.000060	0.000000	No
			Ca	-0.000005	0.000000	No
			Sr	0.000115	0.000000	No
			Sn	0.000561	0.000000	No
			Cu	-0.000001	0.000000	No
			As	0.000000	0.000000	No
			Be	0.000099	0.000000	No
			Bi	-0.000023	0.000000	No
			W	0.000757	0.000000	No
			Ti	0.000207	0.000000	No
			Mg	0.000004	0.000000	No
			Mn	-0.000073	0.000000	No
			Ni	0.000101	0.000000	No
			Pb	0.000093	0.000000	No
			S	-0.000013	0.000000	No
			Sb	-0.000086	0.000000	No
			Se	0.000040	0.000000	No
			Tl	0.000234	0.000000	No
			V	0.000120	0.000000	No
			Ag	0.000799	0.000000	No
			B	0.000063	0.000000	No
			Ce	-0.000012	0.000000	No
			Co	0.000217	0.000000	No
			Zr	-0.000030	0.000000	No
			Na	0.000009	0.000000	No
Zr 339.198 { 99}	☒	12	Mo	0.001536	0.000000	No
			Ti	0.000216	0.000000	No
			Fe	-0.000017	0.000000	No
			Si	0.000792	0.000000	No
			Cr	-0.000200	0.000000	No
			W	0.000450	0.000000	No
			S	0.000000	0.000000	No
			V	0.000100	0.000000	No
			As	0.000000	0.000000	No
			Sn	0.000000	0.000000	No
			Sb	0.000000	0.000000	No
			Ce	0.000000	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
	In 230.606 {446}*	☒	None				
	Y 360.073 { 94}*	☒	None				
	Y 371.030 { 91}*	☒	None				
	Y 224.306 {451}*	☒	None				

Element, Wavelength and Order	Date of Fit	Date of Cal.	Type of Fit	Weighting	A0	A1	A2	n (Exponent)
Ag 328.068 {103}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	-0.001347	0.155753	0.000000	1.000000
Al 396.152 { 85}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.006321	0.048482	0.000000	1.000000
As 189.042 {478}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	-0.000408	0.179519	0.000000	1.000000
B 208.959 {462}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.002095	0.231067	0.000000	1.000000
Ba 455.403 { 74}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.005342	1.986814	0.000000	1.000000
Be 313.042 {108}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.001002	3.744098	0.000000	1.000000
Bi 223.061 {451}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.002419	0.324496	0.000000	1.000000
Ca 317.933 {106}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.005506	0.099808	0.000000	1.000000
Cd 228.802 {448}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000838	1.153769	0.000000	1.000000
Ce 404.076 { 83}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	-0.000360	0.028663	0.000000	1.000000
Co 228.616 {448}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000505	0.540804	0.000000	1.000000
Cr 267.716 {126}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000008	0.147534	0.000000	1.000000
Cu 324.754 {104}2	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.005311	0.290502	0.000000	1.000000
Fe 259.940 {130}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000162	0.065042	0.000000	1.000000
K 766.490 { 44}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.002364	0.024194	0.000000	1.000000
Li 670.784 { 50}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.002131	0.764350	0.000000	1.000000
Mg 279.079 {121}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000259	0.012129	0.000000	1.000000
Mn 257.610 {131}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000004	0.672629	0.000000	1.000000
Mo 202.030 {467}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	-0.000017	1.070125	0.000000	1.000000
Na 589.592 { 57}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	None	0.007135	0.116230	0.000000	1.000000
Ni 231.604 {446}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000427	0.449710	0.000000	1.000000
P 177.495 {490}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	-0.000589	0.133173	0.000000	1.000000
Pb 220.353 {453}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000359	0.220267	0.000000	1.000000
S 182.034 {485}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	-0.000394	0.077609	0.000000	1.000000
Sb 206.833 {463}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	-0.001056	0.230710	0.000000	1.000000
Se 196.090 {472}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000353	0.108654	0.000000	1.000000
Si 212.412 {459}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.006362	0.294596	0.000000	1.000000
Sn 189.989 {478}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000138	0.203353	0.000000	1.000000
Sr 407.771 { 83}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000362	4.000433	0.000000	1.000000
Ti 334.904 {101}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000121	0.150690	0.000000	1.000000
Tl 190.856 {477}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000101	0.038598	0.000000	1.000000
V 292.402 {115}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000119	0.162853	0.000000	1.000000
W 207.911 {462}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.002729	0.653249	0.000000	1.000000
Zn 206.200 {464}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	-0.000217	1.522669	0.000000	1.000000
Zr 339.198 { 99}	1/30/2025 7:58:49	1/29/2025 14:55:22	Linear	1/Conc	0.000517	0.472658	0.000000	1.000000
In 230.606 {446}*	1/30/2025 7:58:49	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
Y 360.073 { 94}*	1/30/2025 7:58:49	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
Y 371.030 { 91}*	1/30/2025 7:58:49	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
Y 224.306 {451}*	1/30/2025 7:58:49	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000

Element, Wavelength and Order	Correlation	Std Error of Est	Predicted MDL	Predicted MQL	Status	Reslope		QC Norm	
						Slope	Y-int	Slope factor	Offset
Ag 328.068 {103}	1.000000	0.000000	0.000522	0.001741	OK.	1.000000	0.000000	1	0
Al 396.152 { 85}	1.000000	0.000000	0.014576	0.048586	OK.	1.000000	0.000000	1	0
As 189.042 {478}	1.000000	0.000000	0.001493	0.004977	OK.	1.000000	0.000000	1	0
B 208.959 {462}	1.000000	0.000000	0.001238	0.004126	OK.	1.000000	0.000000	1	0
Ba 455.403 { 74}	1.000000	0.000000	0.000370	0.001235	OK.	1.000000	0.000000	1	0
Be 313.042 {108}	1.000000	0.000000	0.000083	0.000276	OK.	1.000000	0.000000	1	0
Bi 223.061 {451}	1.000000	0.000000	0.001981	0.006602	OK.	1.000000	0.000000	1	0
Ca 317.933 {106}	1.000000	0.000000	0.003646	0.012153	OK.	1.000000	0.000000	1	0
Cd 228.802 {448}	1.000000	0.000000	0.000334	0.001113	OK.	1.000000	0.000000	1	0
Ce 404.076 { 83}	1.000000	0.000000	0.004270	0.014234	OK.	1.000000	0.000000	1	0
Co 228.616 {448}	1.000000	0.000000	0.000430	0.001433	OK.	1.000000	0.000000	1	0
Cr 267.716 {126}	1.000000	0.000000	0.000347	0.001156	OK.	1.000000	0.000000	1	0
Cu 324.754 {104}2	1.000000	0.000000	0.000423	0.001409	OK.	1.000000	0.000000	1	0
Fe 259.940 {130}	1.000000	0.000000	0.002971	0.009904	OK.	1.000000	0.000000	1	0
K 766.490 { 44}	1.000000	0.000000	0.060941	0.203138	OK.	1.000000	0.000000	1	0
Li 670.784 { 50}	1.000000	0.000000	0.001962	0.006538	OK.	1.000000	0.000000	1	0
Mg 279.079 {121}	1.000000	0.000000	0.020456	0.068188	OK.	1.000000	0.000000	1	0
Mn 257.610 {131}	1.000000	0.000000	0.000063	0.000209	OK.	1.000000	0.000000	1	0
Mo 202.030 {467}	1.000000	0.000000	0.000356	0.001188	OK.	1.000000	0.000000	1	0
Na 589.592 { 57}	1.000000	0.000000	0.012044	0.040147	OK.	1.000000	0.000000	1	0
Ni 231.604 {446}	1.000000	0.000000	0.000458	0.001527	OK.	1.000000	0.000000	1	0
P 177.495 {490}	1.000000	0.000000	0.001673	0.005578	OK.	1.000000	0.000000	1	0
Pb 220.353 {453}	1.000000	0.000000	0.001420	0.004732	OK.	1.000000	0.000000	1	0
S 182.034 {485}	1.000000	0.000000	0.003490	0.011632	OK.	1.000000	0.000000	1	0
Sb 206.833 {463}	1.000000	0.000000	0.001998	0.006659	OK.	1.000000	0.000000	1	0
Se 196.090 {472}	1.000000	0.000000	0.003124	0.010414	OK.	1.000000	0.000000	1	0
Si 212.412 {459}	1.000000	0.000000	0.001499	0.004996	OK.	1.000000	0.000000	1	0
Sn 189.989 {478}	1.000000	0.000000	0.001156	0.003853	OK.	1.000000	0.000000	1	0
Sr 407.771 { 83}	1.000000	0.000000	0.000152	0.000508	OK.	1.000000	0.000000	1	0
Ti 334.904 {101}	1.000000	0.000000	0.000428	0.001428	OK.	1.000000	0.000000	1	0
Tl 190.856 {477}	1.000000	0.000000	0.002684	0.008946	OK.	1.000000	0.000000	1	0
V 292.402 {115}	1.000000	0.000000	0.000366	0.001221	OK.	1.000000	0.000000	1	0
W 207.911 {462}	1.000000	0.000000	0.001255	0.004183	OK.	1.000000	0.000000	1	0
Zn 206.200 {464}	1.000000	0.000000	0.000213	0.000709	OK.	1.000000	0.000000	1	0
Zr 339.198 { 99}	1.000000	0.000000	0.000200	0.000666	OK.	1.000000	0.000000	1	0
In 230.606 {446}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
Y 360.073 { 94}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
Y 371.030 { 91}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
Y 224.306 {451}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0

SGS

Mercury Hot Block Digestion Log

Product **HG / HGTCLP**
Matrix: Aq / Liq / DW

Methods (Circle as appropriate)
EPA 245.1 **SW846 7470A**
Required corrected Temp. Range is 90-95 C.

MA Batch #: MA57767
Analyst: MK
Date: 1/27/2025
Balance ID: N/A
Reagents: See attached sheet
Auto pipet ID: M-110

Hot Block # HG-8 Start Time: 09:00 End Time: 11:00 Tube # 1-25.
Start Temp: 94 Corrected Start Temp: 94 Correction: 0 Thermometer ID: 995363
End Temp: 95 Corrected End Temp: 95 Correction: 0 Thermometer ID: 995363
Hot Block # HG-8 Start Time: 12:15 End Time: 14:15 Tube # 26-54.
Start Temp: 95 Corrected Start Temp: 95 Correction: 0 Thermometer ID: 995363
End Temp: 93 Corrected End Temp: 93 Correction: 0 Thermometer ID: 995363

*** A final volume of 30ml is used for calculation purposes for graphite heating block digestion.**

Bot #	Sample ID	pH <2 Y/N	Initial Sample Vol ml	Final* Samp Vol ml	Spiked Used Amount Spiked	Spiked Used Added- Y or N	Spikelot and Conc (mg/L)	MP Number	Comments/Lot # and Vendor
1	MP52377-MB1	N	30	30				MP52377	TCLP
2	MP52377-LB1	N*	30	30					LB39
3	MP52377-B1	N	30	30	2.0ml	Y	0.03		HG-24-178-342-HGA3, IN. V.
4	MP52377-LS1	N*	30	30	2.0ml	Y	0.03		HG-24-178-342-HGA3, IN. V.
5	MP52377-S1	N*	30	30	2.0ml	Y	0.03		JE4528-1, HG-24-178-342-HGA3, IN. V.
6	MP52377-S2	N*	30	30	2.0ml	Y	0.03		JE4528-1, HG-24-178-342-HGA3, IN. V.
7	JE4528-1	N*	30	30					*0.5mL of HNO3 added at 8:00 for pH<2
8	JE4528-2	Y	5	30					GEQC; TURBID
9	MP52401-MB1	N	30	30				MP52401	
10	MP52401-B1	N	30	30	2.0ml	Y	0.03		HG-24-178-342-HGA3, IN. V.
11	MP52401-S1	Y	30	30	2.0ml	Y	0.03		JE4604-1, HG-24-178-342-HGA3, IN. V.
12	MP52401-S2	Y	30	30	2.0ml	Y	0.03		JE4604-1, HG-24-178-342-HGA3, IN. V.
13	JE4604-1	Y	30	30					
14	JE4604-2	Y	30	30					
15	JE4604-3	Y	5	30					TURBID
16	JE4604-4	Y	5	30					TURBID
17	JE4604-5	Y	5	30					TURBID
18	JE4604-6	Y	5	30					TURBID
19	JE4604-1F	Y	30	30					
20	JE4604-2F	Y	30	30					
21	JE4604-3F	Y	5	30					TURBID
22	JE4604-4F	Y	5	30					TURBID
23	JE4604-5F	Y	5	30					TURBID
24	JE4604-6F	Y	30	30					
25	JE4646-6	Y	30	30					
26	MP52402-MB1	N	30	30				MP52402	TCLP
27	MP52402-LB1	N*	30	30					LB42
28	MP52402-B1	N	30	30	2.0ml	Y	0.03		HG-24-178-342-HGA3, IN. V.
29	MP52402-LS1	N*	30	30	2.0ml	Y	0.03		HG-24-178-342-HGA3, IN. V.
30	MP52402-S1	N*	30	30	2.0ml	Y	0.03		JE4569-1, HG-24-178-342-HGA3, IN. V.
31	MP52402-S2	N*	30	30	2.0ml	Y	0.03		JE4569-1, HG-24-178-342-HGA3, IN. V.
32	JE4569-1	N*	30	30					*0.5mL of HNO3 added at 9:00 for pH<2
33	JE4569-3	Y	5	30					GEQC
34	JE4569-5	Y	30	30					GEQC
35	JE4552-1A	Y	5	30					DIFFICULT MATRIX

ANALYST: MK DATE: 1/27/25
Spike witness: DATE:
QC: REVIEWER: DATE:

DAYT-MET-0113-01-FORM-HGWATERPREP
Revision Date: 8/28/18

SGS

Mercury Hot Block Digestion Log

Product **HG / HGTCLP**
Matrix: Aq / Liq / DW

MA Batch #: MA57767
Analyst: MK
Date: 1/27/2025
Balance ID: N/A
Reagents: See attached sheet
Auto pipet ID: M-110

Methods (Circle as appropriate)
EPA 245.1 **SW846 7470A**
Required corrected Temp. Range is 90-95 C.

Hot Block # HG-8 Start Time: 09:00 End Time: 11:00 Tube # 1-25.
Start Temp: 94 Corrected Start Temp: 94 Correction: 0 Thermometer ID: 995363
End Temp: 95 Corrected End Temp: 95 Correction: 0 Thermometer ID: 995363
Hot Block # HG-8 Start Time: 12:15 End Time: 14:15 Tube # 26-54.
Start Temp: 95 Corrected Start Temp: 95 Correction: 0 Thermometer ID: 995363
End Temp: 93 Corrected End Temp: 93 Correction: 0 Thermometer ID: 995363

*** A final volume of 30ml is used for calculation purposes for graphite heating block digestion.**

Bot #	Sample ID	pH <2 Y/N	Initial Sample Vol ml	Final* Samp Vol ml	Spiked Used Amount Spiked	Spiked Used Added-Y or N	Spikelot and Conc (mg/L)	MP Number	Comments/Lot # and Vendor
36	JE4552-2A	Y	5	30					DIFFICULT MATRIX
37	JE4552-3	Y	5	30					DIFFICULT MATRIX
38	JE4552-4A	Y	5	30					DIFFICULT MATRIX
39	JE4552-5	Y	30	30					
40	JE4546-1	Y	30	30					
41	MP52403-MB1	N	30	30				MP52403	TCLP
42	MP52403-LB1	N*	30	30					LB45
43	MP52403-B1	N	30	30	2.0ml	Y	0.03		HG-24-178-342-HGA3, IN. V.
44	MP52403-LS1	N*	30	30	2.0ml	Y	0.03		HG-24-178-342-HGA3, IN. V.
45	MP52403-S1	N*	30	30	2.0ml	Y	0.03		JE4615-1, HG-24-178-342-HGA3, IN. V.
46	MP52403-S2	N*	30	30	2.0ml	Y	0.03		JE4615-1, HG-24-178-342-HGA3, IN. V.
47	JE4615-1	N*	30	30					*0.5mL of HNO3 added at 9:00 for pH<2
48	JE4649-10A	Y	5	30					
49	JE4649-11A	Y	30	30					
50	JE4649-12A	Y	30	30					
51	JE4650-5A	Y	30	30					
52	JE4650-6A	Y	30	30					
53	JE4651-7A	Y	30	30					
54	JE4651-8A	Y	30	30					
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									
67									
68									
69									
70									

ANALYST:_____ DATE:_____
Spike witness:_____ DATE:_____
QC: REVIEWER:_____ DATE:_____

DAYT-MET-0113-01-FORM-HGWATERPREP
Revision Date: 8/28/18

SGS

Mercury Hot Block Digestion Log

Product **HG / EHG / HGTCLP**
Matrix: Aq / Liq / DW

MA Batch #: MA57767
Analyst: MK
Date: 1/27/2025
Balance ID: N/A
Reagents: See attached sheet
Auto pipet ID M-103

Methods (Circle as appropriate)
EPA 245.1 **SW846 7470A**

Required corrected Temp. Range is 90-95 C.
Hot Block # HG-8 Start Time: 09:00 End Time: 11:00 Tube # S1-CRI.

Start Temp: 94 Corrected Start Temp: 94 Correction: 0 Thermometer ID: 995363 .
End Temp: 95 Corrected End Temp: 95 Correction: 0 Thermometer ID: 995363 .

Bot #	Sample ID	pH <2 Y/N	Initial Sample Vol ml	Final Samp Vol ml	Spiked Used Amount Spiked	Spiked Used Added- Y or N	Spikelot and Conc (mg/L)	MP Number	Comments/Lot # and Vendor
S-1	Calibration Blank	N	30 ml	30 ml	0.0 ml	N			
S-2	0.2 ug/l Standard	N	30 ml	30 ml	2.0 ml	Y	0.003		HG-24-178-343-HGA4, IN. V.
S-3	0.5 ug/l Standard	N	30 ml	30 ml	5.0 ml	Y	0.003		HG-24-178-343-HGA4, IN. V.
S-4	1.0 ug/l Standard	N	30 ml	30 ml	1.0 ml	Y	0.030		HG-24-178-342-HGA3, IN. V.
S-5	2.5 ug/l Standard	N	30 ml	30 ml	2.5 ml	Y	0.030		HG-24-178-342-HGA3, IN. V.
S-6	5.0 ug/l Standard	N	30 ml	30 ml	5.0 ml	Y	0.030		HG-24-178-342-HGA3, IN. V.
ICV	ICV_MA57767 (Externa	N	30 ml	30 ml	3.0 ml	Y	0.03		HG-24-178-344-HGB3, AGILENT
ICB	ICB	N	30 ml	30 ml	0.0 ml	N			
CCV	CCV_MA57767	N	30 ml	30 ml	2.5 ml	Y	0.03		HG-24-178-342-HGA3, IN. V.
ICCV	ICCV_MA57767	N	30 ml	30 ml	2.5 ml	Y	0.03		HG-24-178-342-HGA3, IN. V.
CCB	CCB	N	30 ml	30 ml	0.0 ml	N			
CRI	CRI	N	30 ml	30 ml	2.0 ml	Y	0.003		HG-24-178-343-HGA4, IN. V.

Form HG022-03
Revision Date: 8/24/15

ANALYST:_____ DATE:_____
QC: REVIEWER:_____ DATE:_____

SGS

Reagent Information Log- Hg Waters

MA # 57767

Reagents	Exp. Date	Reagent # or
Conc. Sulfuric Acid	1/17/2027	Fisher 243428
Conc. Nitric Acid	9/24/2026	Fisher 1124085
Sodium Chloride-Hydroxylamine Hydrochloride	7/17/2025	HG-24-178 320 -HGHCL
Potassium Permanganate 5%	7/17/2025	HG-24-178 318 -HGKM1
Potassium Persulfate	7/17/2025	HG-24-178 319 -HGKS
Stannous Chloride	1/28/2025	HG-24-178 345 -HGS
STD Hg standard solution 1000 ppm	2/12/2025	Inorganic Ventures S2-HG711246
STD Hg standard solution 30 ppb	1/28/2025	HG-24-178- 342 -HGA3
STD Hg standard solution 3ppb	1/28/2025	HG-24-178- 343 -HGA4
ICV Hg standard solution 1000 ppm	10/31/2030	Agilent 0006757888
ICV Hg standard solution 30ppb	1/28/2025	HG-24-178- 344 -HGB3
Dilution Acid	3/5/2025	HG-24-175- 333 HGD2
Digestion Tubes	N/A	Environmental Express LV24010606
pH Paper	9/15/2025	Hydrion 226322

Form:GN087A79-03
Rev. Date: 6/6/17

SGS

Mercury Digestion Log

Product: **HG /HGLIQ**
Matrix: **Soil / Oil / SL / Wipes**

Method: SW846 7471B
Required corrected Temp. Range is 95C. +/- 3C.

MA Batch #: MA57768
Analyst: MK
Date: 1/27/2025
Balance ID: B-101
Reagents: See attached sheet
Auto pipet ID: M-110

Hot Block # HG-7 Start Time: 10:15 End Time: 10:45 Tube # 1-29.
Start Temp: 91 Corrected Start Temp: 92 Correction: +1 Thermometer ID: 697263.
End Temp: 91 Corrected End Temp: 92 Correction: +1 Thermometer ID: 697263.
Hot Block #_____ Start Time:_____ End Time:_____ Tube #_____.
Start Temp:_____ Corrected Start Temp:_____ Correction:_____ Thermometer ID:_____.
End Temp:_____ Corrected End Temp:_____ Correction:_____ Thermometer ID:_____.

Bot #	Sample ID	Initial Sample Wt. (gm)	Final Vol. (ml)	Spike Used		Spikelot and Conc. (mg/L)	MP Number	Comments/Lot # and Vendor
				Amount Spiked	Added Y or N			
1	MP52404-MB1	0.6000	100				MP52404	
2	MP52404-B1	0.6000	100	2.0ml	Y	0.1		HG-25-179-32-HGA1, IN. V.
3	MP52404-S1	0.6824	100	2.0ml	Y	0.1		JE4646-1, HG-25-179-32-HGA1, IN. V.
4	MP52404-S2	0.6743	100	2.0ml	Y	0.1		JE4646-1, HG-25-179-32-HGA1, IN. V.
5	JE4646-1	0.7133	100					
6	JE4646-2	0.7339	100					
7	JE4646-3	0.7431	100					
8	JE4646-5	0.6581	100					
9	JE4649-10	0.6507	100					
10	JE4649-11	0.7263	100					
11	JE4649-12	0.7345	100					
12	JE4650-5	0.6679	100					
13	JE4650-6	0.7930	100					
14	JE4651-7	0.7033	100					
15	JE4651-8	0.7259	100					
16	JE4663-1	0.6878	100					
17	JE4663-3	0.7519	100					
18	JE4664-1	0.7994	100					
19	JE4664-3	0.7225	100					
20	JE4665-1	0.7383	100					
21	JE4665-3	0.6997	100					
22	JE4666-1	0.6738	100					
23	JE4666-3	0.7378	100					
24	JE4667-1	0.7253	100					
25	MP52405-MB1	0.6000	100				MP52405	
26	MP52405-B1	0.6000	100	2.0ml	Y	0.1		HG-25-179-32-HGA1, IN. V.
27	MP52405-S1	0.7175	100	2.0ml	Y	0.1		JE4655-1, HG-25-179-32-HGA1, IN. V.
28	MP52405-S2	0.7172	100	2.0ml	Y	0.1		JE4655-1, HG-25-179-32-HGA1, IN. V.
29	JE4655-1	0.7291	100					
30	MP52404-PS1	0.7133	50	1.0ml	Y	0.1	MP52404	JE4646-1, HG-25-179-32-HGA1, IN. V.
31			100					
32			100					
33			100					
34			100					
35			100					

Form: HG-022F-02
Revision Date:08/24/15

ANALYST: MK
SPIKE WITNESS:_____
QC REVIERER:_____

DATE: 1/27/25
DATE:_____
DATE:_____

SGS

Mercury Digestion Log

Product: **HG /HGLIQ**
Matrix: **Soil / Oil / SL / Wipes**

MA Batch #: MA57768
Analyst: MK
Date: 1/27/2025
Balance ID: B-101
Reagents: See attached sheet
Auto pipet ID: M-110

Method: SW846 7471B
Required corrected Temp. Range is 95C. +/- 3 C.

Hot Block # HG-7 Start Time: 10:15 End Time: 10:45 Tube # S1-CRI.
Start Temp: 91 Corrected Start Temp: 92 Correction: +1 Thermometer ID: 697263
End Temp: 91 Corrected End Temp: 92 Correction: +1 Thermometer ID: 697263

Bot #	Sample ID	Initial Sample Wt. (gm)	Final Vol. (ml)	Spike Used		Spikelot and Conc.	MP Number	Comments/Lot # and Vendor
				Amount Spiked	Added Y or N	(mg/L)		
S-1	Calibration Blank	0.6	100 ml	0.0 ml	N	N/A	N/A	N/A
S-2	0.20 ug/l standard	0.6	100 ml	2.0 ml	Y	0.0100	N/A	HG-25-179-33-HGA2, IN. V.
S-3	0.50 ug/l standard	0.6	100 ml	5.0 ml	Y	0.0100	N/A	HG-25-179-33-HGA2, IN. V.
S-4	1.00 ug/l standard	0.6	100 ml	1.0 ml	Y	0.1000	N/A	HG-25-179-32-HGA1, IN. V.
S-5	2.50 ug/l standard	0.6	100 ml	2.5 ml	Y	0.1000	N/A	HG-25-179-32-HGA1, IN. V.
S-6	5.00 ug/l standard	0.6	100 ml	5.0 ml	Y	0.1000	N/A	HG-25-179-32-HGA1, IN. V.
ICV	ICV_MA57768 (Extern	0.6	100 ml	3.0 ml	Y	0.1		HG-25-179-34-HGB1, AGILENT
ICB	ICB	0.6	100 ml	0.0 ml	N	N/A	N/A	
CCV	CCV_MA57768	0.6	100 ml	2.5 ml	Y	0.1		HG-25-179-32-HGA1, IN. V.
CCB	CCB	0.6	100 ml	0.0 ml	N	N/A	N/A	
CRI	CRI	0.6	100 ml	2.0 ml	Y	0.01		HG-25-179-33-HGA2, IN. V.

9.6.2 9

SGS

Reagent Information Log- Hg Soil

MA # 57768

Reagents	Exp. Date	Reagent # or manufacturer lot #
Conc. Hydrochloric Acid	1/23/2027	Fisher 4124070
Conc. Nitric Acid	9/24/2026	Fisher 1124085
Sodium Chloride-Hydroxylamine Hydrochloride	7/17/2025	HG-24-178- 320 -HGHCL
Potassium Permanganate	7/17/2025	HG-24-178- 318 -HGKM1
Stannous Chloride	1/28/2025	HG-25-179- 35 -HGS
STD Hg standard solution 1000 ppm	2/12/2025	Inorganic Ventures S2-HG711246
STD Hg standard solution 100 ppb	1/28/2025	HG-25-179- 32 -HGA1
STD Hg standard solution 10 ppb	1/28/2025	HG-25-179- 33 -HGA2
ICV Hg standard solution 1000 ppm	10/31/2030	Agilent 0006757888
ICV Hg standard solution 100 ppb	1/28/2025	HG-25-179- 34 -HGB1
Solid Lab control/Soil LC	11/25/2025	ERA 681022m
Aqua Regia	1/28/2025	HG-25-179- 36 -HGKAQ
Dilution acid	7/24/2025	HG-25-179- 31 -HGD1
Digestion Tubes (50ml)	N/A	Environmental Express LV24010606
Digestion Tubes (100ml)	N/A	Environmental Express LV23120108
Teflon Chips (For Soil MB)	N/A	Chemware 29273875
Q8 Filter Paper	N/A	Fisherbrand 09-790-D

Form: GN087A80-04
Rev.Date: 06/06/17

SGS North America Inc.

Aqueous Metals Digestion Form

Batch Information

Batch ID	Start Date	Start Time	End Date	End time	QC Samp 1	QC Samp 2
MP52380	1/25/2025	11:30	1/25/2025	14:30	JE4629-2	

Temperature

		Block ID1	Therm. ID#	Temperature	Correction	Corrected Temp
1	Start	MP-16	5624477	94	1	95
1	End	MP-16	5624477	94	1	95
2	Start					
2	End					

Methods and Equipment

	Dig. Method	Heating Method		Auto Pipette #	Digestion Tube Lot #	
	SW846 3010A	Digestion Block		M-108	LV24080204	

Sample ID	Bottle Number	pH<2 (Y/N)_	Initial Sample Volume	Final Volume in ML	Reagent Groups Added	Spike Groups Added	Comments
MP52380-MB1	N/A	N	50	50	AB		
MP52380-B1	N/A	N	50	50	AB	ABCD	
MP52380-S1	1	Y	50	50	AB	ABCD	
MP52380-S2	1	Y	50	50	AB	ABCD	
MP52380-SD1	1	Y	50	50	AB		
JE4562-1	1	Y	50	50	AB		
JE4562-2	1	Y	50	50	AB		
JE4570-12	1	Y	50	50	AB		
JE4598-1F	7	Y	50	50	AB		
JE4598-2F	7	Y	50	50	AB		
JE4598-3F	7	Y	50	50	AB		
JE4629-1	1	Y	50	50	AB		
JE4629-2	1	Y	50	50	AB		
JE4629-3	1	Y	50	50	AB		
JE4629-4	1	Y	50	50	AB		
JE4629-5	1	Y	50	50	AB		
JE4629-6	1	Y	50	50	AB		
JE4646-6	3	Y	50	50	AB		

Reagents Groups

Group	Description	MLs Used
A	CONC HNO3	3
B	1:1 HCL	5
C		
D		
E		
F		
G		
H		

Spike Groups

Group	Description	MLs Used
A	ACCUTEST 13A REV1	0.5
B	ACCUTEST 14A REV1	0.5
C	MINERALS 5000 PPM	0.25
D	AG 20 PPM	0.625
E		
F		
G		
H		
I		

Comments:

Analyst SENAK **Approved by** MELVINA **Approved on** 1/27/2025

Note: Reagent traceability for batch Start Date can be seen on the reagent traceability page for this batch.
Serial Dilution samples shown for QC purposes only.
Acceptable Temperature range is 90-95 degrees C unless otherwise noted

SGS

Metals Digestion Reagents Information Log

Digestion Batch ID: MP52380 **DATE:01/26/25**

Matrix: ALL

Standard/Reagent Type	Exp. Date	Standard/Reagent ID
Spiking Solution- (ACCUTEST 13A REV1)	06/25/2025	MP-21-58-227
Spiking Solution- (ACCUTEST 14A REV1)	6/25/2025	MP-21-58-226
Spiking Solution - 5000 mg/l Minerals	11/13/2025	2322102-ILEE MFG: ENVI EXPRESS
Spiking Solution - Sulfur 1000ppm	4/17/2026	LOT: 0630226 MFG: ABS STANDARDS
Spiking Solution - Si 1000ppm	7/23/2025	LOT: U2-SI732342 MFG: INO. VENT.
Spiking Solution - Bi 1000ppm	6/19/2025	LOT: T2-BI721403 MFG: INO.VENT.
Spiking Solution - Se 20ppm	2/21/2025	MP-21-58-199
Spiking Solution - Li 1000ppm	2/28/2026	LOT: UN3264 MFG: RICCA
Spiking Solution- Ag 20 ppm	6/11/2025	MP-21-58-191
Spiking Solution - (ACCUTEST 13B REV1)	7/10/2025	MP-21-58-228
Spiking Solution - (ACCUTEST 14B REV1)	6/5/2025	MP-21-58-219
Spiking Solution - 1000ppm Minerals	3/31/2025	MP-21-58-178
Nitric Acid	12/30/2025	LOT:24007769 MFG: FISHER
Nitric Acid (1:1)	7/23/2025	MP-21-60-353 MFG: FISHER
Hydrochloric Acid	3/17/2029	LOT:24D1562005 MFG: J.T BAKER
Hydrochloric Acid (1:1)	7/23/2025	MP-21-60-354 1:1 HCL MFG: FISHER
Hydrogen Peroxide	7/30/2026	LOT: 233975 MFG: FISHER
Soil Lab Control/Soil LC	6/10/2025	LOT: 681022m MFG: ERA
Teflon Chips(For Soil MB and Blank Spike)	N/A	LOT: 27407287 MFG: SAINT-GOBAIN
Digestion Tubes 50mL	N/A	LOT: LV24010607 MFG: ENV. EXPRESS
Digestion Tubes 100mL	N/A	LOT: 2206050 MFG: ENV. EXPRESS
pH Paper	9/15/2025	LOT: 226322 MFG: HYDRION
Filter paper Q8	N/A	LOT: 17607330 MFG: FISHER

Spike witnessed By: SENAK

metals digestion reagents information log 2022
1/17/18

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SGS North America Inc.

Solids/Soil Metals Digestion Form

Batch Information

Batch ID	Start Date	Start Time	End Date	End time	QC Samp 1	QC Samp 2
MP52394	1/25/2025	13:00	1/25/2025	15:30	JE4646-1	

Temperature

		Block ID	Therm. ID#	Balance ID	Temperature	Correction	Corrected Temp
1	Start	MP-13	1034252	B-107	94	-1	93
1	End	MP-13	1034252	NA	94	-1	93
2	Start						
2	End			NA			

Methods and Equipment

	Dig. Method	Heating Method		Auto Pipette #	Digestion Tube Lot #	
	SW846 3050B	Digestion Block		M-108	LV24080204	

Sample ID	Bottle ID	Final Volume (ML)	Wet Weight (G)	Reagent Groups Added	Spike Groups Added	Comments
MP52394-MB1	N/A	100	1.00	ABCD		
MP52394-B1	N/A	100	1.00	ABCD	ABCD	
MP52394-S1	3	100	1.494	ABCD	ABCD	WET
MP52394-S2	3	100	1.528	ABCD	ABCD	WET
MP52394-SD1	3	100	1.507	ABCD		WET
JE4646-1	3	100	1.507	ABCD		WET
JE4646-2	1	100	1.53	ABCD		WET
JE4646-3	1	100	0.95	ABCD		
JE4646-5	1	100	1.509	ABCD		WET
JE4649-10	1	100	0.983	ABCD		
JE4649-11	2	100	1.028	ABCD		
JE4649-12	2	100	0.952	ABCD		
JE4650-5	2	100	0.978	ABCD		
JE4650-6	1	100	1.00	ABCD		
JE4651-7	2	100	0.985	ABCD		
JE4651-8	2	100	0.95	ABCD		
JE4655-1	1	100	0.992	ABCD		

Reagents Groups

Group	Description	MLs Used
A	1:1 HNO3	10
B	CONC HNO3	5
C	30% H2O2	5
D	CONC HCL	10
E		
F		
G		
H		

Spike Groups

Group	Description	MLs Used
A	ACCUTEST 13A REV1	1
B	ACCUTEST 14A REV1	1
C	MINERALS 5000 PPM	0.5
D	AG 20 PPM	1.25
E		
F		
G		
H		

Comments:

Analyst SENAK **Approved by** MELVINA **Approved on** 1/27/2025

Note: Reagent traceability for batch Start Date can be seen on the reagent traceability page for this batch.
Serial Dilution samples shown for QC purposes only.
Acceptable Temperature range is 90-95 degrees C unless otherwise noted

SGS

Metals Digestion Reagents Information Log

Digestion Batch ID: MP52394 DATE:01/26/25

Matrix: ALL

Standard/Reagent Type	Exp. Date	Standard/Reagent ID
Spiking Solution- (ACCUTEST 13A REV1)	06/25/2025	MP-21-58-227
Spiking Solution- (ACCUTEST 14A REV1)	6/25/2025	MP-21-58-226
Spiking Solution - 5000 mg/l Minerals	11/13/2025	2322102-ILEE MFG: ENVI EXPRESS
Spiking Solution - Sulfur 1000ppm	4/17/2026	LOT: 0630226 MFG: ABS STANDARDS
Spiking Solution - Si 1000ppm	7/23/2025	LOT: U2-SI732342 MFG: INO. VENT.
Spiking Solution - Bi 1000ppm	6/19/2025	LOT: T2-BI721403 MFG: INO.VENT.
Spiking Solution - Se 20ppm	2/21/2025	MP-21-58-199
Spiking Solution - Li 1000ppm	2/28/2026	LOT: UN3264 MFG: RICCA
Spiking Solution- Ag 20 ppm	6/11/2025	MP-21-58-191
Spiking Solution - (ACCUTEST 13B REV1)	7/10/2025	MP-21-58-228
Spiking Solution - (ACCUTEST 14B REV1)	6/5/2025	MP-21-58-219
Spiking Solution - 1000ppm Minerals	3/31/2025	MP-21-58-178
Nitric Acid	12/30/2025	LOT:24007769 MFG: FISHER
Nitric Acid (1:1)	7/23/2025	MP-21-60-353 MFG: FISHER
Hydrochloric Acid	3/17/2029	LOT:24D1562005 MFG: J.T BAKER
Hydrochloric Acid (1:1)	7/23/2025	MP-21-60-354 1:1 HCL MFG: FISHER
Hydrogen Peroxide	7/30/2026	LOT: 233975 MFG: FISHER
Soil Lab Control/Soil LC	6/10/2025	LOT: 681022m MFG: ERA
Teflon Chips(For Soil MB and Blank Spike)	N/A	LOT: 27407287 MFG: SAINT-GOBAIN
Digestion Tubes 50mL	N/A	LOT: LV24010607 MFG: ENV. EXPRESS
Digestion Tubes 100mL	N/A	LOT: 2206050 MFG: ENV. EXPRESS
pH Paper	9/15/2025	LOT: 226322 MFG: HYDRION
Filter paper Q8	N/A	LOT: 17607330 MFG: FISHER

Spike witnessed By: SENAK

metals digestion reagents information log 2022
1/17/18

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Percent Solids Raw Data Summary

Percent Solids Raw Data Summary

Job Number: JE4646
Account: ENVTRAC EnviroTrac Ltd.
Project: 1301 Metropolitan Avenue, Brooklyn, NY

Sample: JE4646-1 **Analyzed:** 27-JAN-25 by DP **Method:** SM2540 G 18TH ED MOD
ClientID: S-1

Wet Weight (Total)	31.49	g
Tare Weight	26.3	g
Dry Weight (Total)	27.51	g
Solids, Percent	23.3	%

Sample: JE4646-2 **Analyzed:** 27-JAN-25 by DP **Method:** SM2540 G 18TH ED MOD
ClientID: S-2

Wet Weight (Total)	39.73	g
Tare Weight	30.21	g
Dry Weight (Total)	32.9	g
Solids, Percent	28.3	%

Sample: JE4646-3 **Analyzed:** 27-JAN-25 by DP **Method:** SM2540 G 18TH ED MOD
ClientID: S-3

Wet Weight (Total)	25.51	g
Tare Weight	17.53	g
Dry Weight (Total)	24.49	g
Solids, Percent	87.2	%

Sample: JE4646-4 **Analyzed:** 27-JAN-25 by DP **Method:** SM2540 G 18TH ED MOD
ClientID: S-5

Wet Weight (Total)	34.27	g
Tare Weight	27.22	g
Dry Weight (Total)	30.71	g
Solids, Percent	49.5	%

Sample: JE4646-5 **Analyzed:** 27-JAN-25 by DP **Method:** SM2540 G 18TH ED MOD
ClientID: BLIND DUP

Wet Weight (Total)	35.89	g
Tare Weight	28.3	g
Dry Weight (Total)	31.19	g
Solids, Percent	38.1	%

APPENDIX D

US EPA UIC Registration

Underground Injection Control Home

Class I Industrial and Municipal Waste Disposal Wells

Class II Oil and Gas Related Injection Wells

Class III Injection Wells for Solution Mining

Class IV Shallow Hazardous and Radioactive Injection Wells

Class V Wells for Injection of Non-Hazardous Fluids into or Above Underground Sources of Drinking Water

Class VI Wells Used for Geologic Sequestration of CO2

Owner or Operator Online Form for Inventory of Injection Wells (7520-16)

Print PDF | Submit a New 7520-16 Form Online

1.Date Prepared (Year, Month, Day)
2025,04,24

FACILITY ID NUMBER (To be completed by the permitting authority)

3. FACILITY INFORMATION

Facility Name **1301 Metropolitan Avenue**

Address **1301 Metropolitan Avenue**
Brooklyn, NY 11237

Email Address **Tjuliano@jljiv.com**

Phone Number

Indian Country **No**

4. LEGAL CONTACT INFORMATION

Owner/ Operator **James Juliano**

Organization **1301 Metro-255, LLC**

Address **213-19 99th Avenue**
Queens Village, NY 11429

Email Address **Tjuliano@jljiv.com**

Phone Number

Type

☐ Operator ☑ Owner

5. LOCATIONAL INFORMATION

Latitude **40.7144152**

Longitude **-73.925219**

---

* **Surface Location**

1/4 of | 1/4 of | Section | Township **Yapha** | Range

ft. from (N/S) | Line of quarter section

ft. from (E/W) | Line of quarter section

6. WELL INFORMATION

Description Of Wells And Activitie(s) **5 Class V UICs for stormwater recharge/drainage, subtype 5X, non-community, all active**

Well Information

A. Class V Subtype		B. Number of Wells		C. Total Number of Wells	D. Well Operation Status				
		Comm	Non-Comm		UC	AC	TA	PA	AN

No data found

Key:
AC = Active
PA = Permanently Abandoned and Approved by State
AN = Permanently Abandoned and not Approved by State

6. WELL INFORMATION

Description Of Wells And Activitie(s) **5 Class V UICs for stormwater recharge/drainage, subtype 5X, non-community, all active**

Well Information

A. Class V Subtype		B. Number of Wells		C. Total Number of Wells	D. Well Operation Status				
		Comm	Non-Comm		UC	AC	TA	PA	AN

No data found

Key:
AC = Active
PA = Permanently Abandoned and Approved by State
AN = Permanently Abandoned and not Approved by State
UC = Under Construction
TA = Temporarily Abandoned

Comments (Optional)

Name **Tracy Garthwaite**

Official Title **Senior Project Manager**

Date Submitted **04/24/2025**

US EPA UIC Injection Well Information
1301 Metropolitan Avenue
Brooklyn, NY

ADDITIONAL INFORMATION

(1) A brief description characterizing your Facility and the types of activities conducted; fluids and waste fluids generated, transported, stored, disposed:
The facility is an asphalt-paved parking area. The facility is currently vacant, but was will soon be utilized for the storage of cranes and associated equipment. Fluids include automotive virgin oils stored in the cranes and other vehicles. Fluid wastes include waste oils removed from the cranes, which will be temporarily stored in drums, and properly disposed off-site, as needed. The Underground Injection Control (UIC) wells are Class V wells utilized to accept stormwater runoff from 1301 Metropolitan Avenue, Brooklyn, NY (the Site).

The facility is active.

- All SIC and NAICS codes and descriptive code names for the Facility:
  - Standard Industrial Classification (SIC) – 5084 – Industrial Machinery and Equipment
  - North American Industry Classification System (NAICS) – 493190 Warehousing and Storage Facilities
- No known active Resource Conservation and Recovery Act (RCRA) facilities are operating at the Site. A former RCRA generator of hazardous waste includes NYD157709486, Mione Transit Mix, which last occupied the Site in 2007. No violations were reported for the former RCRA facility.
- The Site is a New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C224344. Active NYSDEC Spill # 2102352 is also listed for the Site, but is being addressed under the BCP. The NYSDEC Case Manager is Kyle Forster, (518) 402-8644, kyle.forster@dec.ny.gov
- No relevant local or state permits are required for the facility.

(2) A brief description of your injection well(s), where they are located, and what you use each of your injection well(s) for. (Note: wells with the same information may be grouped.):
A total of five (5) stormwater drywells are located at the Site and are classified as US EPA Class 5H1 wells. Four (4) of the drywells traverse the central portion of the Site from west to east and one (1) drywell is located at the northeastern corner of the Site.
Include:

- NYSDEC SPDES Permit: There are no SPDES permits for the drywells at the Site;
- Well Mechanics: Each drywell is constructed of a traffic bearing steel cover at grade, placed on top of a concrete chimney, placed on top of a concrete dome over eight foot diameter concrete slotted rings. The drywells discharge stormwater runoff from the Site to the subsurface soil. No piping was observed or indicated associated with the drywells during geophysical surveys. The drywells are permanent wells that will continue to be utilized for stormwater disposal
- Depths to the top of the sediment in the drywells range from 7.5 to 13 feet below grade.
- No other permits are required for the drywells at the Site.

EnviroTrac
Environmental Services

US EPA UIC Injection Well Information
1301 Metropolitan Avenue
Brooklyn, NY

(3) A complete description of the types of fluids (nature of the injected fluids) that enter, have entered, or have the potential to enter each of your injection well(s). Describe the source of the fluids into the system; list the types of fluids that can enter the system, describe the kinds of treatment (if any) that the fluids go through before disposal. Be as specific as you can about the kinds of fluids or products that can be drained into the system:

- Stormwater runoff from the Site is disposed of into the five (5) stormwater drywells at the Site. There is no information regarding any other previous fluid disposal into the five (5) stormwater drywells at the Site. There are no treatment system requirements for the drywells at the Site.

(4) No buildings are present at the Site. Therefore, there are no cesspools or septic systems present at the Site. If buildings were present at the Site, they would discharge to the New York City Municipal Sewer System.

(5) There are no Class V (5B6) Beneficial Use wells at the Site.

(6) The ownership of the Facility and Business. The legal contact for the facility:

- Tyler Juliano – 917-439-1028

(7) Depth to ground water, if known: Depth to groundwater beneath the Site ranges from 4.23 to 9.04 feet below grade

EnviroTrac
Environmental Services

APPENDIX E

Contained-In Letter & NYSDEC Approval

EnviroTrac
Environmental Services

EnviroTrac
Environmental Services

February 4, 2025

RCRA Compliance and Technical Support Section
Division of Materials Management
New York State Department of Environmental Conservation
625 Broadway, Albany, NY 12233-7256

Re: Request for a Contained-In Rule Determination Letter (Sediment Wastes)
1301 Metropolitan Avenue
Brooklyn, New York
Site No. C224344

RCRA Compliance and Technical Support Section:

As part of on-going work at the referenced Site, sediments were removed from four (4) stormwater drywells at the above-referenced site as part of the New York State Department of Environmental Conservation (NYSDEC)-approved implementation of the Interim Remedial Measure (IRM). The stormwater drywells were remediated using a guzzler truck and then the removed sediment was placed into a roll-off waste container stored on-site.

Please consider this letter to serve as EnviroTrac Ltd. (EnviroTrac's) formal request for a "contained-in rule" determination for sediments contained in the roll-off. The roll-off will be transported via Aarco Environmental Services, Inc. to Dale Transfer Station of New York, Inc. for proper disposal.

We have attached the following document to help you make your determination:

- Laboratory data for one (1) grab and one (1) composite sediment samples, representative of the removed stormwater drywell sediment currently staged at the Site.

Contained-in rule determinations were previously granted for Site No. C224344. Please do not hesitate to call or email me if you have any questions, comments, or require supporting documentation for the previous contained-in rule determinations.

Sincerely,
EnviroTrac Ltd.

Tracy Garthwaite

Tracy Garthwaite, PG
Senior Project Manager

cc:
Kyle Forster, NYSDEC
Michael Bogin, Esq

Enclosures

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 31, 2025

FOR: Attn: Michael Alliegro
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/21/25	11:45
Location Code:	ENVIROTR	Received by:	SW	01/24/25	15:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS51047
Phoenix ID: CS51047

Project ID: 1301 METRO AVE BROOKLYN
Client ID: ROLL OFF-WASTE CLASS-COMPOSITE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	4590	8.0	mg/Kg	1	01/25/25	TH	SW6010D
Antimony	7.6	5.3	mg/Kg	1	01/25/25	TH	SW6010D
Arsenic	43.9	1.1	mg/Kg	1	01/25/25	TH	SW6010D
Barium	357	0.53	mg/Kg	1	01/25/25	TH	SW6010D
Beryllium	< 0.43	0.43	mg/Kg	1	01/25/25	TH	SW6010D
Calcium	25100	80	mg/Kg	10	01/25/25	TH	SW6010D
Cadmium	1.41	0.53	mg/Kg	1	01/25/25	TH	SW6010D
Chromium	98.3	0.53	mg/Kg	1	01/25/25	TH	SW6010D
Cobalt	6.38	0.53	mg/Kg	1	01/25/25	TH	SW6010D
Copper	247	1.1	mg/kg	1	01/25/25	TH	SW6010D
Iron	15000	80	mg/Kg	10	01/25/25	TH	SW6010D
Lead	414	0.53	mg/Kg	1	01/25/25	TH	SW6010D
Magnesium	7500	8.0	mg/Kg	1	01/25/25	TH	SW6010D
Manganese	103	0.53	mg/Kg	1	01/25/25	TH	SW6010D
Mercury	0.60	0.04	mg/Kg	2	01/27/25	ZT	SW7471B
Nickel	19.6	0.53	mg/Kg	1	01/25/25	TH	SW6010D
Potassium	650	8.0	mg/Kg	1	01/25/25	TH	SW6010D
Selenium	< 2.1	2.1	mg/Kg	1	01/25/25	TH	SW6010D
Silver	< 0.53	0.53	mg/Kg	1	01/25/25	TH	SW6010D
Sodium	524	8.0	mg/Kg	1	01/25/25	TH	SW6010D
TCLP Silver	< 0.10	0.10	mg/L	1	01/27/25	TH	SW846 1311/6010
TCLP Arsenic	< 0.10	0.10	mg/L	1	01/27/25	TH	SW846 1311/6010
TCLP Barium	0.96	0.10	mg/L	1	01/27/25	TH	SW846 1311/6010
TCLP Cadmium	< 0.050	0.050	mg/L	1	01/27/25	TH	SW846 1311/6010
TCLP Chromium	< 0.10	0.10	mg/L	1	01/27/25	TH	SW846 1311/6010
TCLP Mercury	< 0.0002	0.0002	mg/L	1	01/27/25	JM	SW846 1311/7470
TCLP Lead	1.16	0.10	mg/L	1	01/27/25	TH	SW846 1311/6010
TCLP Selenium	< 0.10	0.10	mg/L	1	01/27/25	TH	SW846 1311/6010D

Project ID: 1301 METRO AVE BROOKLYN
Client ID: ROLL OFF-WASTE CLASS-COMPOSITE

Phoenix I.D.: CS51047

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
TCLP Metals Digestion	Completed				01/27/25	AK/AK	SW3010A	
Thallium	< 4.8	4.8	mg/Kg	1	01/25/25	TH	SW6010D	
Vanadium	26.9	0.53	mg/Kg	1	01/25/25	TH	SW6010D	
Zinc	866	1.1	mg/Kg	1	01/25/25	TH	SW6010D	
Percent Solid	60		%		01/24/25	CV	SW846-%Solid	
Corrosivity	Negative		Pos/Neg	1	01/24/25	KL1	SW846-Corr	1
Flash Point	>200	200	Degree F	1	01/27/25	G	SW1010B	
Ignitability	Passed	140	degree F	1	01/27/25	G	SW846-Ignit	1
pH at 25C - Soil	7.70	1.00	pH Units	1	01/24/25 23:27	KL1	SW846 9045D	1
Reactivity Cyanide	< 8	8	mg/Kg	1	01/27/25	NP/GD	SW846 7.3.3.1/90	1
Reactivity Sulfide	< 20	20	mg/Kg	1	01/27/25	NP/GD	SW846 CH7	1
Reactivity	Negative		Pos/Neg	1	01/27/25	NP/GD	SW846-React	1
Total Cyanide (SW9010C Distill.)	< 0.83	0.83	mg/Kg	1	01/27/25	KL1/GD	SW9012B	
Mercury Digestion	Completed				01/27/25	MQ/MQ	SW7471B	
Soil Extraction for PCB	Completed				01/27/25	B/R/F	SW3546	
Soil Extraction for SVOA	Completed				01/24/25	R/H/U	SW3546	
Paint Filter Test	Passed		PASS/FAIL		01/24/25	O	SW9095B	
TCLP Digestion Mercury	Completed				01/27/25	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed				01/24/25	AK	SW1311	
TCLP Extraction for Organics	Completed				01/24/25	AK	SW1311	
TCLP Semi-Volatile Extraction	Completed				01/29/25	P/P	SW3510C	
Total Metals Digest	Completed				01/24/25	P/AG	SW3050B	
Gasoline Range Hydrocarbons (C6-C10)								
GRO (C6-C10)	18	L 11	mg/Kg	50	01/28/25	V	SW8015D GRO	
QA/QC Surrogates								
% 2,5-Dibromotoluene (FID)	83		%	50	01/28/25	V	70 - 130 %	
Polychlorinated Biphenyls								
PCB-1016	ND	820	ug/Kg	10	01/29/25	SC	SW8082A	
PCB-1221	ND	820	ug/Kg	10	01/29/25	SC	SW8082A	
PCB-1232	ND	820	ug/Kg	10	01/29/25	SC	SW8082A	
PCB-1242	ND	820	ug/Kg	10	01/29/25	SC	SW8082A	
PCB-1248	ND	820	ug/Kg	10	01/29/25	SC	SW8082A	
PCB-1254	ND	820	ug/Kg	10	01/29/25	SC	SW8082A	
PCB-1260	ND	820	ug/Kg	10	01/29/25	SC	SW8082A	
PCB-1262	ND	820	ug/Kg	10	01/29/25	SC	SW8082A	
PCB-1268	ND	820	ug/Kg	10	01/29/25	SC	SW8082A	
QA/QC Surrogates								
% DCBP	78		%	10	01/29/25	SC	30 - 150 %	
% DCBP (Confirmation)	63		%	10	01/29/25	SC	30 - 150 %	
% TCMX	80		%	10	01/29/25	SC	30 - 150 %	
% TCMX (Confirmation)	78		%	10	01/29/25	SC	30 - 150 %	
Semivolatiles								
1,1-Biphenyl	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	

Project ID: 1301 METRO AVE BROOKLYN
Client ID: ROLL OFF-WASTE CLASS-COMPOSITE

Phoenix I.D.: CS51047

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,4,5-Trichlorophenol	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
2,4-Dichlorophenol	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
2,4-Dimethylphenol	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
2,4-Dinitrophenol	ND	13000	ug/Kg	10	01/26/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
2-Chloronaphthalene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
2-Chlorophenol	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
2-Methylnaphthalene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
2-Nitroaniline	ND	13000	ug/Kg	10	01/26/25	PS	SW8270E	
2-Nitrophenol	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	8200	ug/Kg	10	01/26/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	9900	ug/Kg	10	01/26/25	PS	SW8270E	
3-Nitroaniline	ND	13000	ug/Kg	10	01/26/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	24000	ug/Kg	10	01/26/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	8200	ug/Kg	10	01/26/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
4-Chloroaniline	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
4-Nitroaniline	ND	13000	ug/Kg	10	01/26/25	PS	SW8270E	
4-Nitrophenol	ND	24000	ug/Kg	10	01/26/25	PS	SW8270E	
Acenaphthene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Acenaphthylene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Acetophenone	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Anthracene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Atrazine	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Benz(a)anthracene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Benzaldehyde	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Benzo(a)pyrene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Benzo(ghi)perylene	6400	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Benzyl butyl phthalate	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	8200	ug/Kg	10	01/26/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	23000	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Caprolactam	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Carbazole	ND	8200	ug/Kg	10	01/26/25	PS	SW8270E	
Chrysene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	4100	ug/Kg	10	01/26/25	PS	SW8270E	
Dibenzofuran	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Diethyl phthalate	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Dimethylphthalate	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Di-n-butylphthalate	ND	16000	ug/Kg	10	01/26/25	PS	SW8270E	
Di-n-octylphthalate	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Fluoranthene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	
Fluorene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Hexachlorobenzene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E
Hexachlorobutadiene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E
Hexachlorocyclopentadiene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E
Hexachloroethane	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E
Indeno(1,2,3-cd)pyrene	5800	5800	ug/Kg	10	01/26/25	PS	SW8270E
Isophorone	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E
Naphthalene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E
Nitrobenzene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E
N-Nitrosodimethylamine	ND	8200	ug/Kg	10	01/26/25	PS	SW8270E
N-Nitrosodi-n-propylamine	ND	4100	ug/Kg	10	01/26/25	PS	SW8270E
N-Nitrosodiphenylamine	ND	8200	ug/Kg	10	01/26/25	PS	SW8270E
Pentachlorophenol	ND	8200	ug/Kg	10	01/26/25	PS	SW8270E
Phenanthrene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E
Phenol	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E
Pyrene	ND	5800	ug/Kg	10	01/26/25	PS	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol (10x)	Interference		%	10	01/26/25	PS	30 - 130 %
% 2-Fluorobiphenyl (10x)	62		%	10	01/26/25	PS	30 - 130 %
% 2-Fluorophenol (10x)	44		%	10	01/26/25	PS	30 - 130 %
% Nitrobenzene-d5 (10x)	51		%	10	01/26/25	PS	30 - 130 %
% Phenol-d5 (10x)	46		%	10	01/26/25	PS	30 - 130 %
% Terphenyl-d14 (10x)	62		%	10	01/26/25	PS	30 - 130 %
TCLP Acid/Base-Neutral							
1,4-Dichlorobenzene	ND	83	ug/L	1	01/30/25	MR	SW-846 1311/8270
2,4,5-Trichlorophenol	ND	83	ug/L	1	01/30/25	MR	SW-846 1311/8270
2,4,6-Trichlorophenol	ND	83	ug/L	1	01/30/25	MR	SW-846 1311/8270
2,4-Dinitrotoluene	ND	83	ug/L	1	01/30/25	MR	SW-846 1311/8270
2-Methylphenol (o-cresol)	ND	83	ug/L	1	01/30/25	MR	SW-846 1311/8270
3&4-Methylphenol (m&p-Cresol)	ND	83	ug/L	1	01/30/25	MR	SW-846 1311/8270
Hexachlorobenzene	ND	83	ug/L	1	01/30/25	MR	SW-846 1311/8270
Hexachlorobutadiene	ND	83	ug/L	1	01/30/25	MR	SW-846 1311/8270
Hexachloroethane	ND	83	ug/L	1	01/30/25	MR	SW-846 1311/8270
Nitrobenzene	ND	83	ug/L	1	01/30/25	MR	SW-846 1311/8270
Pentachlorophenol	ND	83	ug/L	1	01/30/25	MR	SW-846 1311/8270
Pyridine	ND	83	ug/L	1	01/30/25	MR	SW-846 1311/8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	87		%	1	01/30/25	MR	15 - 110 %
% 2-Fluorobiphenyl	72		%	1	01/30/25	MR	30 - 130 %
% 2-Fluorophenol	52		%	1	01/30/25	MR	15 - 110 %
% Nitrobenzene-d5	77		%	1	01/30/25	MR	30 - 130 %
% Phenol-d5	23		%	1	01/30/25	MR	15 - 110 %
% Terphenyl-d14	79		%	1	01/30/25	MR	30 - 130 %
SVOA Library Search Top 15	Completed				01/31/25	MR	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Paint Filter Test:
Pass = no free liquids were detected. Fail = free liquids were detected.

The GRO (C6-C10) is quantitated using an gasoline standard.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the GRO/VPH soil data as biased low.

Corrosivity is based solely on the pH analysis performed above.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide. This method is no longer listed in the current version of SW-846.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

GRO Analysis Comment:
This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
January 31, 2025
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

January 31, 2025

FOR: Attn: Michael Alliegro
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/21/25	11:50
Location Code:	ENVIROTR	Received by:	SW	01/24/25	15:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS51047
Phoenix ID: CS51048

Project ID: 1301 METRO AVE BROOKLYN
Client ID: ROLL OFF-WASTE CLASS-GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	57		%		01/24/25	CV	SW846-%Solid
TCLP Extraction Volatiles	Completed				01/24/25	CV	SW1311
Volatiles (TCL)							
1,1,1-Trichloroethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,1-Dichloroethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,1-Dichloroethene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,2-Dibromoethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,2-Dichloroethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,2-Dichloropropane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
2-Hexanone	ND	44	ug/kg	1	01/29/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	44	ug/kg	1	01/29/25	JLI	SW8260D
Acetone	ND	14000	ug/kg	50	01/29/25	JLI	SW8260D
Benzene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Bromochloromethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Bromodichloromethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Bromoform	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Bromomethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Carbon Disulfide	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Carbon tetrachloride	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Chlorobenzene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Chloroethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Chloroform	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Chloromethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Cyclohexane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Dibromochloromethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Dichlorodifluoromethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Ethylbenzene	14	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Isopropylbenzene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
m&p-Xylene	950	820	ug/kg	50	01/29/25	JLI	SW8260D
Methyl ethyl ketone	2000	1900	ug/kg	50	01/29/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	18	ug/kg	1	01/29/25	JLI	SW8260D
Methylacetate	ND	30	ug/kg	1	01/29/25	JLI	SW8260D
Methylcyclohexane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Methylene chloride	ND	44	ug/kg	1	01/29/25	JLI	SW8260D
o-Xylene	28	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Styrene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Tetrachloroethene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Toluene	2300	1400	ug/kg	50	01/29/25	JLI	SW8260D
Total Xylenes	978.0	8.8	ug/kg	1	01/29/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Trichloroethene	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Trichlorofluoromethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
Vinyl chloride	ND	8.8	ug/kg	1	01/29/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	01/29/25	JLI	70 - 130 %
% Bromofluorobenzene	92		%	1	01/29/25	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	01/29/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	01/29/25	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	01/29/25	JLI	70 - 130 %
% Bromofluorobenzene (50x)	102		%	50	01/29/25	JLI	70 - 130 %
% Dibromofluoromethane (50x)	94		%	50	01/29/25	JLI	70 - 130 %
% Toluene-d8 (50x)	103		%	50	01/29/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	130	ug/kg	1	01/29/25	JLI	SW8260D
TCLP Volatiles							
1,1-Dichloroethene	ND	50	ug/L	10	01/29/25	MH	SW846 1311/8260
1,2-Dichloroethane	ND	50	ug/L	10	01/29/25	MH	SW846 1311/8260
1,4-Dichlorobenzene	ND	50	ug/L	10	01/29/25	MH	SW846 1311/8260
Benzene	ND	50	ug/L	10	01/29/25	MH	SW846 1311/8260
Carbon tetrachloride	ND	50	ug/L	10	01/29/25	MH	SW846 1311/8260
Chlorobenzene	ND	50	ug/L	10	01/29/25	MH	SW846 1311/8260
Chloroform	ND	50	ug/L	10	01/29/25	MH	SW846 1311/8260

Project ID: 1301 METRO AVE BROOKLYN
Client ID: ROLL OFF-WASTE CLASS-GRAB

Phoenix I.D.: CS51048

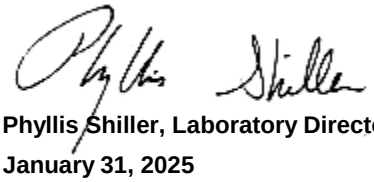
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Methyl ethyl ketone	120	50	ug/L	10	01/29/25	MH	SW846 1311/8260
Tetrachloroethene	ND	50	ug/L	10	01/29/25	MH	SW846 1311/8260
Trichloroethene	ND	50	ug/L	10	01/29/25	MH	SW846 1311/8260
Vinyl chloride	ND	50	ug/L	10	01/29/25	MH	SW846 1311/8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (10x)	99		%	10	01/29/25	MH	70 - 130 %
% Bromofluorobenzene (10x)	96		%	10	01/29/25	MH	70 - 130 %
% Dibromofluoromethane (10x)	101		%	10	01/29/25	MH	70 - 130 %
% Toluene-d8 (10x)	100		%	10	01/29/25	MH	70 - 130 %
Volatile Library Search Top 15	Completed				01/30/25	JLI	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
January 31, 2025
Official Report Release To Follow

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: LL OFF-WASTE CLASS-GF

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS5104

Matrix:(soil/water): SOIL Lab Sample ID: CS51048

Sample wt/vol: 5 (g/mL) g Lab File ID: 0129_13.D

Level: (low/med): Low Date Received: 01/24/25

% Moisture: not dec. 43 Date Analyzed: 01/29/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 23 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
103-65-1	n-Propylbenzene	6.054	14	Q
000620-14-4	Benzene, 1-ethyl-3-methyl-	6.117	67	JN
108-67-8	1,3,5-Trimethylbenzene	6.184	21	Q
000624-42-0	3-Heptanone, 6-methyl-	6.316	69	JN
95-63-6	1,2,4-Trimethylbenzene	6.462	84	Q
135-98-8	sec-Butylbenzene	6.54	7.1	Q
99-87-6	p-Isopropyltoluene	6.64	7.2	Q
526-73-8	1,2,3-Trimethylbenzene	6.776	31	Q
	unknown	6.881	35	J
001120-21-4	Undecane	6.891	160	JN
104-51-8	n-Butylbenzene	6.948	11	Q
000527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	7.158	27	JN
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	7.205	39	JN
	unknown	7.289	39	J
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	7.534	32	JN
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	7.550	25	JN
000544-76-3	Hexadecane	7.655	110	JN
000767-99-7	Benzene, (1-methyl-1-propenyl)-, (Z)-	7.812	41	JN
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	7.916	36	JN
91-20-3	Naphthalene	8.324	15	Q
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl-	8.559	56	JN
	unknown	8.868	26	J
000629-59-4	Tetradecane	8.873	51	JN

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: OFF-WASTE CLASS-COMP

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS5104

Matrix:(soil/water) SOIL Lab Sample ID: CS51047

Sample wt/vol: 10.11 (g/mL) g Lab File ID: 0126_14.D

Level: (low/med) Low Date Received: 01/24/25

% Moisture: not dec. 40 decanted:(Y/N) NA Date Extracted: 01/26/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 1/26/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 10

Injection Volume: 1 (uL)

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown	7.033	36000	J
000483-65-8	Phenanthrene, 1-methyl-7-(1-methyl	8.992	61000	JN
	unknown	9.786	45000	J
	Carbonic acid, hexadecyl phenyl es Isomer	10.004	28000	JN
1000314-58-0	Carbonic acid, hexadecyl phenyl es	10.033	27000	JN
	unknown	10.092	32000	J
	unknown	10.474	40000	J
	unknown	10.604	42000	J
1000314-58-0	Carbonic acid, hexadecyl phenyl es	10.645	31000	JN
	unknown	10.727	33000	J
	unknown	10.810	40000	J
	unknown	10.868	33000	J
	unknown	11.186	35000	J
	unknown	11.380	40000	J
	unknown	11.580	32000	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

Sample Criteria Exceedances Report

GCS51047 - ENVIROTR

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 2 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
☐ Phone:
☐ Fax:
☑ Email: Michael@Envirotrac.com

Customer: ENVIROTRAC LTD.
Address: 5 Old Dock Rd
Yaphank NY 11980

Project: 1301 Metro Ave Brooklyn
Report to: M. De Allegro
Invoice to: M. De Allegro
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature
Date: 1/21/25

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	PAINT FILTER	TCL VOC's 8260	TCLP VOC's	TCL SVOC's 8270	TCLP SVOC's	TAL METALS 6010/7471	TCLP METALS 6010/7470/7471 RCRA	PCB's 8082	GL Amber 8 oz. [ ] w/H2PO4 [ ] methanol [ ] H2O	Soil VOA Vials [ ] methanol [ ] NaHSO4	GL Soil container (8) oz	GL Soil container (2) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/hio	Bacteria Bottle as is
51047 Comp	Roll off - waste class	S	1/21/25	11:45		X	X	X	X	X	X	X	X			5	2								
51048 Grab	Roll-off - waste class	S	1/21/25	11:50			X	X								5									

Relinquished by:	Accepted by:	Date:	Time:
		1/23/25	15:00
		1/24/25	15:00

Comments, Special Requirements or Regulations:

* SEE Attached for Analysis
* VOA Vials in freezer 1/21/25

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☒ Excel ☐ NJ Hazsite EDD
☒ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 4 Days*
☑ 5 Days*
☐ Standard
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

Data Package:
☐ NJ Reduced Deliv. *
☐ Other
☐ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential Restricted Soil
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

PEL-111 Rev 1/2023

GCS 51047

1301 Metro Roll off Waste Class

TCLP RCRA 8 Metals [SW846
1311/6010/SW846
1311/6010D/SW846 1311/7470]

TAL Metals [SW6010D/SW7471B]

Corrosivity [SW846-Corr]

Flash Point [SW1010B]

Ignitability [SW846-Ignit]

Paint Filter Test [SW9095B]

PH at 25C - Soil [SW846 9045D]

Reactivity [SW846-React]

Reactivity Cyanide [SW846 7.3.3.1/90]

Reactivity Sulfide [SW846 CH7]

TCLP Acid/Base-Neutral [SW-846 1311/8270]

TCLP Volatiles [SW846 1311/8260]

1,4-dioxane [SW8260D]

Gasoline Range Hydrocarbons (C6- C10) [SW8015D GRO]

Polychlorinated Biphenyls [SW8082A]

Semivolatiles [SW8270E]

SVOA Library Search Top 15

Volatiles (TCL) [SW8260D]

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

SEAN MAHAR
Interim Commissioner

February 10, 2025

Sent via e-mail, no hard copy to follow

Tracy Wall, PG
Senior Project Manager
EnviroTrac Ltd.
5 Old Dock Rd
Yaphank, NY 11980

Re: Request for a Contained-In Rule Determination Letter (Sediment Wastes)
1301 Metropolitan Avenue
Brooklyn, New York
Site No. C224344

Dear Tracy Wall:

The New York State Department of Environmental Conservation (DEC) has reviewed your letter dated February 4,2025, requesting a “contained-in” determination for sediment contained in the roll-off from four (4) stormwater drywells at the above-referenced site.

Evaluation

Concentrations (Lab Report ID: CS51047, CS51048) detected for individual volatile organic compounds (VOCs), semivolatile organic compounds (SVCOs), PCBs, herbicides and metals were all less than their current NYSDEC "contained in" water action levels and Land Disposal Restriction concentrations. Most of the individual VOCs, SVOCs, herbicides and PCBs were not detected above the reporting limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations (Lab Sample ID: CS51047, CS51048) detected for acetone, 2-butanone (MEK), carbon disulfide and xylene were below the water “contained-in” action level and the Land Disposal Restriction concentration. Therefore, one roll-off containing sediment from 4 stormwater drywells equipment at the above referenced site, do not have to be managed as hazardous waste and can be transported off-site through Aarco Environmental Services, Inc. to Dale Transfer Station of New York, able to accept this environmental media as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9594 or email me at alison.egbon@dec.ny.gov.

Sincerely,



Alison Egbon
Professional Engineer I
Hazardous Waste Compliance and Technical Support Section

ec: K. Forster, DEC

APPENDIX F

Request to Import & NYSDEC Approval

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? yes

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 0-50

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? Choose an item

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? Choose an item

Is this virgin material from a permitted mine or quarry? Choose an item

Is this material recycled concrete or brick from a DEC registered processing facility? Choose an item

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

1 discrete sample was collected and analyzed for VOCs. 1 composite sample was collected and analyzed for SVOCs, Inorganics (TAL metals), PCBs, Pesticides, 1,4-dioxane, and PFAS. The results showed that the analytes were detected at concentrations below their respective NYSDEC Restricted Residential Use Soil Cleanup Objectives.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

See attached table

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Roanoke Sand & Gravel Corp. mines natural sand and gravel products at its Middle Island, NY plant.

Location where fill was obtained:

114 Rocky Point Road, Middle Island, NY 11953

Identification of any state or local approvals as a fill source:

NYSDEC Facility DEC ID: 10005

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Roanoke Sand & Gravel Corp. certified that the natural sand and gravel products mined and processed at the Middle Island, NY plant conform to the Standard Specification for Concrete Aggregates - Designation C33/C33M-18 as published in the annual book of ASTM Standards, and NYSDOT Materials Item 703-07 Concrete Sand. No hazardous materials are known to be contained within the sand.

Provide a list of supporting documentation included with this request:

Aggregate Certification
Laboratory Report

The information provided on this form is accurate and complete.

	01/13/25
Signature	Date
Tracy Garthwaite	
Print Name	
EnviroTrac Ltd.	
Firm	

AGGREGATE CERTIFICATION

January 22, 2024

EnviroTrac Ltd.
5 Old Dock Road
Yaphank, N. Y. 11980

Dear Valued Customer,

Roanoke Sand & Gravel Corp. certifies that the natural sand and gravel products mined and processed at our Middle Island, NY plant conform to the Standard Specification for Concrete Aggregates - Designation C 33 / C33M - 18 as published in the annual book of ASTM Standards, and NYSDOT Materials Item 703-07 Concrete Sand. To the best of our knowledge, our natural sand & gravel products are free of any hazardous materials or contamination and are clean virgin materials.

Our sand and gravel products are also currently approved by the NEW YORK STATE DEPARTMENT OF TRANSPORTATION and appear on their approved list of fine and coarse aggregates. Our current Source Number is 10-16F,G1:our current Sand Test Number is 23AF044.Our Screened Gravel product is approved for Geotechnical applications.

Our mining site operates under the Environmental Conservation Law with a permit authorized by the New York State Department of Environmental Conservation.

If you require any additional technical information or assistance, please contact Tom O'Connor @ 631 924-4100 ext. 110.

We appreciate your business and look forward to continue supplying you with quality aggregates.

Sincerely,

James D Barker

James D. Barker
Roanoke Sand & Gravel Corp.

Table 1

Summary of Import Material Sampling Analytical Results

College Point 3 Site
NYSDEC BCP # 241122
120-24 Rivera Court
College Point, NY

Analytical Parameter	Backfill Sand Grab 12/27/24	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objective
VOCs 8260 (ppm)			
1,1,1-Trichloroethane	ND	0.68	100
1,1-Dichloroethane	ND	0.27	26
1,1-Dichloroethene	ND	0.33	100
1,2,4-Trimethylbenzene	ND	3.6	52
1,2-Dichlorobezene	ND	-	-
1,2-Dichloroethane	ND	0.02	3.1
1,3,5-Trimethylbenzene	ND	8.4	52
1,3-Dichlorobenzene	ND	2.4	49
1,4-Dichlorobenzene	ND	1.8	13
Acetone	ND	0.05	100
Benzene	ND	0.06	4.8
Carbon Tetrachloride	ND	0.76	2.4
Chlorobenzene	ND	1.1	100
Chloroform	ND	0.37	49
cis-1,2-Dichloroethene	ND	0.25	100
Ethylbenzene	ND	1	41
m&p-Xylene	ND	0.26	100
Methyl ethyl ketone	ND	0.12	100
Methyl tert-butyl ether (MTBE)	ND	0.93	100
Methylene chloride	ND	0.05	100
Naphthalene	ND	12	100
n-Butylbenzene	ND	12	100
n-Propylbenzene	ND	3.9	100
o-Xylene	ND	0.26	100
sec-Butylbenzene	ND	11	100
tert-Butylbenzene	ND	5.9	100
Tetrachloroethene	ND	1.3	19
Toluene	ND	0.7	100
Total Xylenes	ND	-	-
trans-1,2-Dichloroethene	ND	0.19	100
Trichloroethene	ND	0.47	21
Vinyl chloride	ND	0.02	0.9

Notes:

NYSDEC = New York State Department of Environmental Conservation
ppm = parts per million (mg/kg)
VOCs = Volatile Organic Compounds
ND = Not Detected above the method detection limit of the laboratory.

EnviroTrac
Environmental Services

Table 1

Summary of Import Material Sampling Analytical Results

College Point 3 Site
NYSDEC BCP # 241122
120-24 Rivera Court
College Point, NY

Analytical Parameter	Fishkill Composite 12/6/24	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objective
SVOCs 8270 (ppm)			
1,4-Dioxane	ND	0.1	13
2-Methylphenol (o-cresol)	ND	0.33	100
3&4-Methylphenol (m&p-cresol)	ND	0.33	100
Acenaphthene	ND	20	100
Acenaphthylene	ND	100	100
Anthracene	ND	100	100
Benzo(a)anthracene	ND	1	1
Benzo(a)pyrene	ND	1	1
Benzo(b)fluoranthene	ND	1	1
Benzo(ghi)perylene	ND	100	100
Benzo(k)fluoranthene	ND	0.8	3.9
Chrysene	ND	1	3.9
Dibenzo(a,h)anthracene	ND	0.33	0.33
Dibenzofuran	ND	-	-
Fluoranthene	ND	100	100
Fluorene	ND	30	100
Hexachlorobenzene	ND	-	-
Indeno(1,2,3-cd)pyrene	ND	0.5	0.5
Naphthalene	ND	12	100
Pentachlorophenol	ND	0.8	6.7
Phenanthrene	ND	100	100
Phenol	ND	0.33	100
Pyrene	ND	100	100

Notes:

NYSDEC = New York State Department of Environmental Conservation
ppm = parts per million (mg/kg)
SVOCs = Semi Volatile Organic Compounds
ND = Not Detected above the method detection limit of the laboratory.

EnviroTrac
Environmental Services

Table 1

Summary of Import Material Sampling Analytical Results

College Point 3 Site
NYSDEC BCP # 241122
120-24 Rivera Court
College Point, NY

Analytical Parameter	Fishkill Composite 12/6/24	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objective
Metals (ppm)			
Arsenic	ND	13	16
Barium	4.71	350	400
Beryllium	ND	7.2	72
Cadmium	ND	2.5	4.3
Chromium, trivalent	1.75	30	180
Chromium, hexavalent	ND	1	110
Copper	1.88	50	270
Lead	1.15	63	400
Manganese	45.2	1,600	2,000
Mercury	ND	0.18	0.81
Nickel	1.3	30	310
Selenium	ND	3.9	180
Silver	ND	2	180
Zinc	3.63	109	10,000
Polychlorinated Biphenyls (ppm)			
PCB-1016	ND	-	-
PCB-1221	ND	-	-
PCB-1232	ND	-	-
PCB-1242	ND	-	-
PCB-1248	ND	-	-
PCB-1254	ND	-	-
PCB-1260	ND	-	-
PCBs total	ND	0.1	1
Pesticides (ppm)			
4,4'-DDD	ND	0.0033	13
4,4'-DDE	ND	0.0033	8.9
4,4'-DDT	ND	0.0033	7.9
a-BHC	ND	0.02	0.48
a-Chlordane	ND	0.09	4.2
Aldrin	ND	0.005	0.097
b-BHC	ND	0.036	0.36
d-BHC	ND	0.04	100
Dieldrin	ND	0.005	0.2
Endosulfan I	ND	2.4	24
Endosulfan II	ND	2.4	24
Endosulfan sulfate	ND	2.4	24
Endrin	ND	0.014	11
g-Chlordane	ND	-	-
2,4,5-TP Silvex	ND	3.8	100
Heptachlor	ND	0.042	2.1

Notes:
NYSDEC = New York State Department of Environmental Conservation
ppm = parts per million (mg/kg)
PCBs = Polychorinated Biphenols
ND = Not Detected above the method detection limit of the laboratory.

EnviroTrac
Environmental Services

Table 1

Summary of Import Material Sampling Analytical Results

College Point 3 Site
NYSDEC BCP # 241122
120-24 Rivera Court
College Point, NY

Analytical Parameter	Fishkill Composite 12/6/24	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objective
PFAS (ppb)			
PFBS	ND	-	-
PFHxA	ND	-	-
PFHpA	ND	-	-
PFHxS	ND	-	-
PFOA	ND	0.66	33
PFOS	ND	0.88	44
PFNA	ND	-	-
PFDA	ND	-	-
PFUnA	ND	-	-
PFDoA	ND	-	-
PFTrDA	ND	-	-
PFTA	ND	-	-
NMeFOSAA	ND	-	-
N-EtFOSAA	ND	-	-
PFPeA	ND	-	-
FOSA	ND	-	-
PFHpS	ND	-	-
PFDS	ND	-	-
6:2 FTS	ND	-	-
8:2 FTS	ND	-	-
PFBA	ND	-	-
PFEESA	ND	-	-
NFDHA	ND	-	-
PFMPA	ND	-	-
PFMBA	ND	-	-
PFPeS	ND	-	-
4:2 FTS	ND	-	-
Gen-X	ND	-	-
11CL-PF3OUdS	ND	-	-
9CL-PF3ONS	ND	-	-
ADONA	ND	-	-
PFDoS	ND	-	-
PFNS	ND	-	-
FPrPA	ND	-	-
FPePA	ND	-	-
FHpPA	ND	-	-
n-MeFOSE	ND	-	-
n-MeFOSA	ND	-	-
N-EtFOSE	ND	-	-
N-EtFOSA	ND	-	-

Notes:
NYSDEC = New York State Department of Environmental Conservation
ppb = parts per billion (ug/kg)
PFAS = Polyfluoroalkyl Substances
ND = Not Detected above the method detection limit of the laboratory.

EnviroTrac
Environmental Services

Technical Report

prepared for:

EnviroTrac
5 Old Dock Road
Yaphank NY, 11980
Attention: Tracy Garthwaite

Report Date: 01/10/2025
Client Project ID: Roanoke Sand
York Project (SDG) No.: 24L1833

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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

Report Date: 01/10/2025
Client Project ID: Roanoke Sand
York Project (SDG) No.: 24L1833

EnviroTrac
5 Old Dock Road
Yaphank NY, 11980
Attention: Tracy Garthwaite

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 30, 2024 and listed below. The project was identified as your project: **Roanoke Sand**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24L1833-01	Backfill Sand	Soil	12/27/2024	12/30/2024
24L1833-02	Field Blank	Water	12/27/2024	12/30/2024

General Notes for York Project (SDG) No.: 24L1833

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Date: 01/10/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **Backfill Sand** **York Sample ID:** **24L1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Soil	December 27, 2024 12:30 pm	12/30/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0056	0.011	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	12/31/2024 09:00	12/31/2024 11:19	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Backfill Sand** **York Sample ID:** **24L1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Soil	December 27, 2024 12:30 pm	12/30/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
91-20-3	Naphthalene	ND		mg/kg dry	0.0028	0.011	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	scb
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	scb
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260D Certifications:	12/31/2024 09:00	12/31/2024 11:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **Backfill Sand** **York Sample ID:** **24L1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Soil	December 27, 2024 12:30 pm	12/30/2024

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND	CCVE	mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND	CCVE	mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	CCVE	mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND	CCVE	mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0421	0.0840	2	EPA 8270E	12/31/2024 08:23	01/02/2025 15:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Backfill Sand** **York Sample ID:** **24L1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Soil	December 27, 2024 12:30 pm	12/30/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E Certifications:	12/31/2024 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/02/2025 15:40	SS
108-95-2	Phenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E Certifications:	12/31/2024 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/02/2025 15:40	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E Certifications:	12/31/2024 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/02/2025 15:40	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*58.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*47.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.6 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.182	1	EPA 1633 Draft 3 Certifications:	01/02/2025 07:53 NELAC-NH2097 ,NJDEP-NY037	01/03/2025 14:25	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0545	0.206	1	EPA 1633 Draft 3 Certifications:	01/02/2025 07:53 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/03/2025 14:25	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.206	1	EPA 1633 Draft 3 Certifications:	01/02/2025 07:53 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/03/2025 14:25	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.188	1	EPA 1633 Draft 3 Certifications:	01/02/2025 07:53 NELAC-NH2097 ,NJDEP-NY037	01/03/2025 14:25	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.177	0.206	1	EPA 1633 Draft 3 Certifications:	01/02/2025 07:53 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/03/2025 14:25	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.172	0.191	1	EPA 1633 Draft 3 Certifications:	01/02/2025 07:53 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/03/2025 14:25	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.194	0.206	1	EPA 1633 Draft 3 Certifications:	01/02/2025 07:53 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/03/2025 14:25	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.196	0.206	1	EPA 1633 Draft 3 Certifications:	01/02/2025 07:53 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/03/2025 14:25	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.203	0.206	1	EPA 1633 Draft 3 Certifications:	01/02/2025 07:53 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/03/2025 14:25	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.206	1	EPA 1633 Draft 3 Certifications:	01/02/2025 07:53 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/03/2025 14:25	AM

Sample Information

Client Sample ID: **Backfill Sand** **York Sample ID:** **24L1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Soil	December 27, 2024 12:30 pm	12/30/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.152	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.199	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.159	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.196	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.771	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.776	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.366	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/02/2025 07:53	01/03/2025 14:25	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.198	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/02/2025 07:53	01/03/2025 14:25	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0637	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/02/2025 07:53	01/03/2025 14:25	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0987	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/02/2025 07:53	01/03/2025 14:25	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.161	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.612	0.771	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.625	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM

Sample Information

Client Sample ID: **Backfill Sand** **York Sample ID:** **24L1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Soil	December 27, 2024 12:30 pm	12/30/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.320	0.777	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.253	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.179	0.777	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.174	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/02/2025 07:53	01/03/2025 14:25	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.127	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/02/2025 07:53	01/03/2025 14:25	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.652	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/02/2025 07:53	01/03/2025 14:25	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.16	5.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/02/2025 07:53	01/03/2025 14:25	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.54	5.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/02/2025 07:53	01/03/2025 14:25	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.628	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/02/2025 07:53	01/03/2025 14:25	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/02/2025 07:53	01/03/2025 14:25	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.716	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/02/2025 07:53	01/03/2025 14:25	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.203	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/02/2025 07:53	01/03/2025 14:25	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*99.9 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*100 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*88.9 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*76.8 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*64.9 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*50.5 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*50.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*46.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.14 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: **Backfill Sand** **York Sample ID:** **24L1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Soil	December 27, 2024 12:30 pm	12/30/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*64.1 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*46.3 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*65.8 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*67.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*80.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*77.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*79.7 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*70.0 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*88.7 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*36.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*32.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*37.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*41.7 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 NELAC-NY10854,NJDEP-CT005	12/31/2024 16:45	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb
319-86-8	delta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb
60-57-1	Dieldrin	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb

Sample Information

Client Sample ID: **Backfill Sand** **York Sample ID:** **24L1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Soil	December 27, 2024 12:30 pm	12/30/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854	12/31/2024 16:45	scb
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb
72-20-8	Endrin	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb
76-44-8	Heptachlor	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	12/31/2024 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	12/31/2024 16:45	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	12/31/2024 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	12/31/2024 18:11	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	12/31/2024 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	12/31/2024 18:11	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	12/31/2024 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	12/31/2024 18:11	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	12/31/2024 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	12/31/2024 18:11	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	12/31/2024 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	12/31/2024 18:11	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	12/31/2024 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	12/31/2024 18:11	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	12/31/2024 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	12/31/2024 18:11	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	12/31/2024 08:26	12/31/2024 18:11	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.0 %*	*30-120*

Sample Information

Client Sample ID: **Backfill Sand** **York Sample ID:** **24L1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Soil	December 27, 2024 12:30 pm	12/30/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0202	1	EPA 8151A	01/03/2025 13:14	01/04/2025 11:19	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*94.8 %*	*21-150*

Metals, NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.28	1	EPA 6010D	01/02/2025 14:44	01/03/2025 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**4.71**		mg/kg dry	2.14	1	EPA 6010D	01/02/2025 14:44	01/03/2025 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		mg/kg dry	0.043	1	EPA 6010D	01/02/2025 14:44	01/03/2025 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.257	1	EPA 6010D	01/02/2025 14:44	01/03/2025 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.75**		mg/kg dry	0.429	1	EPA 6010D	01/02/2025 14:44	01/03/2025 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**1.88**		mg/kg dry	1.71	1	EPA 6010D	01/02/2025 14:44	01/03/2025 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**1.15**		mg/kg dry	0.429	1	EPA 6010D	01/02/2025 14:44	01/03/2025 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**45.2**		mg/kg dry	0.429	1	EPA 6010D	01/02/2025 14:44	01/03/2025 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**1.30**		mg/kg dry	0.853	1	EPA 6010D	01/02/2025 14:44	01/03/2025 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.14	1	EPA 6010D	01/02/2025 14:44	01/03/2025 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.432	1	EPA 6010D	01/02/2025 14:44	01/03/2025 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**3.63**		mg/kg dry	2.13	1	EPA 6010D	01/02/2025 14:44	01/03/2025 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **Backfill Sand** **York Sample ID:** **24L1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Soil	December 27, 2024 12:30 pm	12/30/2024

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0308	1	EPA 7473	01/02/2025 13:31	01/03/2025 13:50	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.514	1	EPA 7196A	01/02/2025 15:03	01/02/2025 22:35	SHS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**1.75**		mg/kg	0.500	1	Calculation	01/06/2025 13:52	01/06/2025 13:54	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.514	1	EPA 9014/9010C	12/31/2024 08:04	12/31/2024 14:15	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.3**		%	0.100	1	SM 2540G	12/31/2024 07:11	12/31/2024 13:32	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24L1833-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Water	December 27, 2024 12:40 pm	12/30/2024

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24L1833-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Water	December 27, 2024 12:40 pm	12/30/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.447	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.333	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.675	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.647	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.399	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.780	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.494	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.713	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.837	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.704	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.656	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.751	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.979	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.219	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.837	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.865	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.26	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.13	7.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24L1833-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Water	December 27, 2024 12:40 pm	12/30/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.95	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.314	7.61	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.475	3.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/03/2025 12:03	01/06/2025 14:07	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.03	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/03/2025 12:03	01/06/2025 14:07	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.238	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/03/2025 12:03	01/06/2025 14:07	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.352	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/03/2025 12:03	01/06/2025 14:07	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.723	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.70	7.13	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.07	7.61	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.31	7.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.666	7.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
919005-14-4	ADONA	ND		ng/L	0.504	7.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ng/L	0.884	1.84	1	EPA 1633 Draft 3 Certifications:	01/03/2025 12:03	01/06/2025 14:07	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.818	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/03/2025 12:03	01/06/2025 14:07	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ng/L	1.93	4.75	1	EPA 1633 Draft 3 Certifications:	01/03/2025 12:03	01/06/2025 14:07	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.97	23.8	1	EPA 1633 Draft 3 Certifications:	01/03/2025 12:03	01/06/2025 14:07	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.01	23.8	1	EPA 1633 Draft 3 Certifications:	01/03/2025 12:03	01/06/2025 14:07	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.79	19.0	1	EPA 1633 Draft 3 Certifications:	01/03/2025 12:03	01/06/2025 14:07	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.50	1.90	1	EPA 1633 Draft 3 Certifications:	01/03/2025 12:03	01/06/2025 14:07	AM

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24L1833-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24L1833	Roanoke Sand	Water	December 27, 2024 12:40 pm	12/30/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ng/L	3.79	19.0	1	EPA 1633 Draft 3 Certifications:	01/03/2025 12:03	01/06/2025 14:07	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.71	1.90	1	EPA 1633 Draft 3 Certifications:	01/03/2025 12:03	01/06/2025 14:07	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*129 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*118 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*128 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*128 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*126 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*121 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*97.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*5.60 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*116 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*80.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*113 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.3 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*105 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*121 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*107 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*107 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*80.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*59.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*132 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*61.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*71.7 %*		*25-150*

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24L1833-01	Backfill Sand	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

YORK Project Number: 2421833

Page 1 of 1

Report To:	Invoice To:
Company: Enviotrac LTD.	Company:
Address: 6 Old Dock Rd. Yaphank NY 11980	Address: Same
Phone.: (631) 924-3001	Phone.:
Contact: Tilly Garthwaite	Contact:
E-mail: Tilly@Enviotrac.com	E-mail:

YOUR Project Name / Number: Roanoke Sand

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

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

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	PAH 8270	PAH 8270 SVOC's	TAL metals 7471/6010	PCB's 8082	PEST 8081	PFAS 1633	Grab or Comp.
Backfill Sand	12/27	12:30	S	X		X							X	X	X	X	X	X	X	G/C
Field Blank	12/27	12:40	DI	X															X	

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) [X]
- PFAS Standard 7-10 Day [X]

Report Type (circle)

- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)

- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative

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

- Field Filtered
- Lab Filtered

Comments: Bottles 12/30/24 20:40

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

	Date/Time
1. Samples Relinquished by / Company	12/27/24 13:30
2. Samples Received by / Company	12/30/24 10:35
3. Samples Relinquished by / Company	
4. Samples Relinquished by / Company: Lyki	12/30/24 18:10

	Date/Time
1. Samples Received by / Company: Enviotrac Refridgerator	12/27/24 13:30
2. Samples Relinquished by / Company	12/30/24 10:35
3. Samples Relinquished by / Company	12/30/24 1510
4. Samples Received by / Company: Bottles	12/30/24 1810

	Date/Time	Temperature
2. Samples Relinquished by / Company	12/30/24 10:35	
3. Samples Received by / Company: Lyki	12/30/24 1810	5.3c
Samples Received in LAB by: Maura	12/30/24 20:40	2.5 Degrees C

From:	Forster, Kyle M (DEC)
To:	Tracy Garthwaite, PG
Cc:	Michael Alliegro; Jeffrey Bohlen, PG
Subject:	RE: 1301 Metropolitan Avenue, Brooklyn, NY NYSDEC BCP # 224344
Date:	Tuesday, January 14, 2025 3:07:22 PM
Attachments:	image001.png image002.png image003.png

Hi Tracy, I found similar info but couldn't find a permit. I believe if this was recycled aggregate we would need it, but considering it's technically soil, the analytical will suffice. This material is approved for use.

Thanks!
Kyle

From: Tracy Garthwaite, PG <tracyg@envirotrac.com>
Sent: Tuesday, January 14, 2025 3:02 PM
To: Forster, Kyle M (DEC) <kyle.forster@dec.ny.gov>
Cc: Michael Alliegro <michaela@envirotrac.com>; Jeffrey Bohlen, PG <jeffb@envirotrac.com>
Subject: RE: 1301 Metropolitan Avenue, Brooklyn, NY NYSDEC BCP # 224344

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

https://extapps.dec.ny.gov/cfmx/extapps/envapps/index.cfm?view=detail&applid=1261735

Kyle,

Attached is a screenshot of the facility on a DEC approved site list with its permit info. I couldn't get the info to print from Chrome, but please see the link above which shows some facility info.

Please let me know if you need anything else.

Thanks,

Tracy

Tracy Garthwaite, PG
Senior Project Manager
Office: Yaphank, New York

phone: 631.924.3001
mobile: 631.905.4259

From: Forster, Kyle M (DEC) <kyle.forster@dec.ny.gov>
Sent: Tuesday, January 14, 2025 2:33 PM
To: Tracy Garthwaite, PG <tracyg@envirotrac.com>
Cc: Michael Alliegro <michaela@envirotrac.com>; Jeffrey Bohlen, PG <jeffb@envirotrac.com>
Subject: RE: 1301 Metropolitan Avenue, Brooklyn, NY NYSDEC BCP # 224344

Hi Tracy, could you please provide a copy of their permit?
Thanks,
Kyle

From: Tracy Garthwaite, PG <tracyg@envirotrac.com>
Sent: Tuesday, January 14, 2025 2:23 PM
To: Forster, Kyle M (DEC) <kyle.forster@dec.ny.gov>
Cc: Michael Alliegro <michaela@envirotrac.com>; Jeffrey Bohlen, PG <jeffb@envirotrac.com>
Subject: 1301 Metropolitan Avenue, Brooklyn, NY NYSDEC BCP # 224344

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Kyle,

Attached is a Request to Import material to be used as backfill at the above-referenced site. Please let me know if you have any questions with the attached materials.

The UST test pitting has been moved up to this Thursday, 1/16. There was an opening in the schedule for the excavator. EnviroTrac will send you photos of the excavation along with the Daily Report.

Thanks,

Tracy

Tracy Garthwaite, PG

Senior Project Manager

EnviroTrac Ltd.
phone: 631.924.3001 | mobile: 631.905.4259 | email: tracyg@envirotrac.com
5 Old Dock Road Yaphank, NY 11980 | https://envirotrac.com

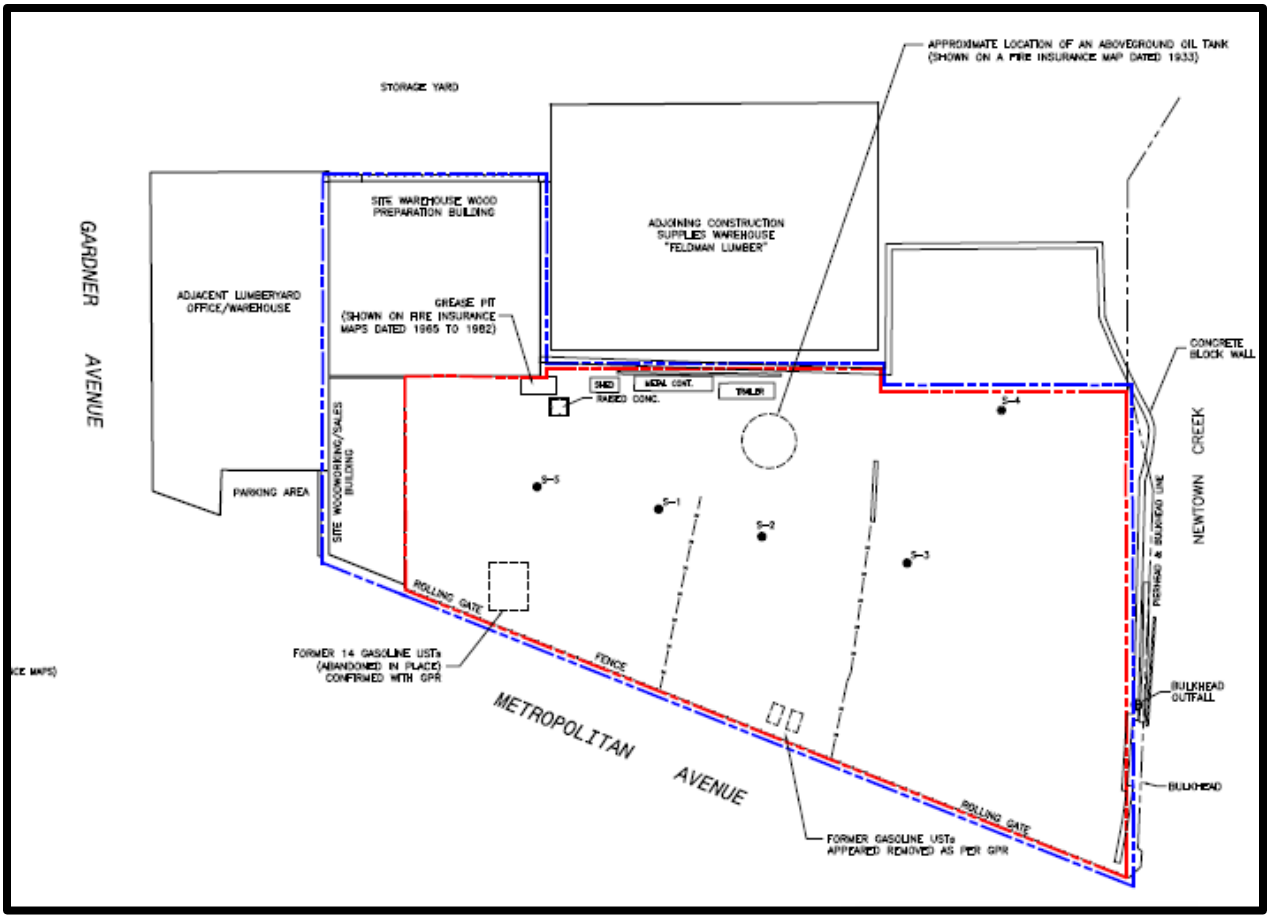
APPENDIX G

Daily & Monthly Reports

Daily Air Monitoring Report

January 14, 2025

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, NY 11237



Prepared for: 1301 Metro- 255, LLC
1301 Metro- Triple JQ, LLC
1301 Metro- Rudolph Q, LLC
213-19 99th Avenue
Queens Village, NY 11429

Prepared by: EnviroTrac Ltd.
5 Old Dock Road, Yaphank, NY 11980

DAILY STATUS REPORT

Prepared By: Dylan Moscarella

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32	x	32-50		50-70		70-85		>85	

Project No.:		Winds From W @ 15 mph	Date:	1/14/2025
Project Name:	1301 Metropolitan Avenue, Brooklyn, New York			

Consultant:
Dylan Moscarella
EnviroTrac Ltd.

Work Activities Performed (Since Last Report):

EnviroTrac personnel provided oversight of the subcontractor, AARCO Environmental Services, Inc. (AARCO), which conducted an enhanced fluid recovery (EFR) event at groundwater monitoring well MW-10. Community Air Monitoring Plan (CAMP) was performed during activities on site. CAMP equipment was placed at an upwind and downwind location in relation to the excavation and 15-minute averages were recorded during this period.

Air Monitoring

	Maximum 15 Minute Average	
	VOC's (ppm)	PM-10 (mg/m^3)
Construction Down Wind	0.3	0.109
Construction Up Wind	0.1	0.0215

Exceedances (Since Last Report): No exceedances.

Problems Encountered: No problems encountered.

Planned Activities for the Next Day/ Week:

- Test pit excavation to locate any former underground storage tanks (USTs) or contamination related to former tanks on the south-central portion of the site.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the EFR event conducted at MW-10 on 1/14/25.

Daily Air Monitoring Log

Project Name: Metro

Date: 1/14/25

Project Location: 1301 Metropolitan Ave

Temperature: 30°

Wind Speed: E 15mph

Wind Direction: E

Background Data: Upwind - PID 0.0 ppm

Upwind Dust Meter 1 - 0.0231 mg/m^3

Downwind - PID 0.0 ppm

Dust Meter 2 - 0.0317 mg/m^3 Downwind

Time	Downwind		Upwind		Workzone	
	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3
7:00	0.0		0.0			
7:15	0.1		0.0			
7:30	0.1		0.1			
7:45	0.2		0.1			
8:00	0.3		0.0			
8:15			0.0			
8:30			0.0			
8:45			0.1			
9:00			0.0			
9:15			0.0			
9:30			0.0			
9:45			0.0			
10:00			0.0			
10:15			0.1			
10:30			0.0			
10:45			0.1			
11:00			0.1			
11:15			0.1			
11:30			0.0			
11:45						
12:00						
12:15						
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
1430						
1445						
1500						

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15 minute average (mg/m^3)
1/14/2025	7:41	12	0.012	
1/14/2025	7:42	20.6	0.0206	
1/14/2025	7:43	19.6	0.0196	
1/14/2025	7:44	24	0.024	
1/14/2025	7:45	63.6	0.0636	
1/14/2025	7:46	19.8	0.0198	
1/14/2025	7:47	14.8	0.0148	
1/14/2025	7:48	14.9	0.0149	
1/14/2025	7:49	23	0.023	
1/14/2025	7:50	19.1	0.0191	
1/14/2025	7:51	22.4	0.0224	
1/14/2025	7:52	14.9	0.0149	
1/14/2025	7:53	16.9	0.0169	
1/14/2025	7:54	13.9	0.0139	
1/14/2025	7:55	12	0.012	0.020766667
1/14/2025	7:56	15.7	0.0157	
1/14/2025	7:57	17.6	0.0176	
1/14/2025	7:58	16.8	0.0168	
1/14/2025	7:59	15.6	0.0156	
1/14/2025	8:00	15.9	0.0159	
1/14/2025	8:01	17.7	0.0177	
1/14/2025	8:02	18.7	0.0187	
1/14/2025	8:03	22.6	0.0226	
1/14/2025	8:04	23.4	0.0234	
1/14/2025	8:05	24.4	0.0244	
1/14/2025	8:06	25.4	0.0254	
1/14/2025	8:07	16.6	0.0166	
1/14/2025	8:08	20.2	0.0202	
1/14/2025	8:09	18.5	0.0185	
1/14/2025	8:10	15.3	0.0153	0.01896
1/14/2025	8:11	15.3	0.0153	
1/14/2025	8:12	11.9	0.0119	
1/14/2025	8:13	25.2	0.0252	
1/14/2025	8:14	21.9	0.0219	
1/14/2025	8:15	15.7	0.0157	
1/14/2025	8:16	22.1	0.0221	
1/14/2025	8:17	16.7	0.0167	
1/14/2025	8:18	14.2	0.0142	
1/14/2025	8:19	14.6	0.0146	
1/14/2025	8:20	16.9	0.0169	
1/14/2025	8:21	25.4	0.0254	

1/14/2025	8:22	20.4	0.0204	
1/14/2025	8:23	14.8	0.0148	
1/14/2025	8:24	18.1	0.0181	
1/14/2025	8:25	19	0.019	0.018146667
1/14/2025	8:26	30.7	0.0307	
1/14/2025	8:27	17.6	0.0176	
1/14/2025	8:28	12.7	0.0127	
1/14/2025	8:29	13.5	0.0135	
1/14/2025	8:30	12.3	0.0123	
1/14/2025	8:31	21.6	0.0216	
1/14/2025	8:32	16.6	0.0166	
1/14/2025	8:33	21.1	0.0211	
1/14/2025	8:34	26.8	0.0268	
1/14/2025	8:35	25	0.025	
1/14/2025	8:36	22.8	0.0228	
1/14/2025	8:37	23.6	0.0236	
1/14/2025	8:38	18.3	0.0183	
1/14/2025	8:39	22.9	0.0229	
1/14/2025	8:40	26.9	0.0269	0.020826667
1/14/2025	8:41	30.4	0.0304	
1/14/2025	8:42	24.6	0.0246	
1/14/2025	8:43	23.1	0.0231	
1/14/2025	8:44	17.1	0.0171	
1/14/2025	8:45	17.2	0.0172	
1/14/2025	8:46	17.6	0.0176	
1/14/2025	8:47	14.5	0.0145	
1/14/2025	8:48	14	0.014	
1/14/2025	8:49	15.8	0.0158	
1/14/2025	8:50	21	0.021	
1/14/2025	8:51	25.3	0.0253	
1/14/2025	8:52	25	0.025	
1/14/2025	8:53	28.8	0.0288	
1/14/2025	8:54	32	0.032	
1/14/2025	8:55	17.3	0.0173	0.02158
1/14/2025	8:56	18.4	0.0184	
1/14/2025	8:57	14.7	0.0147	
1/14/2025	8:58	19.5	0.0195	
1/14/2025	8:59	18.2	0.0182	
1/14/2025	9:00	18.7	0.0187	
1/14/2025	9:01	28.6	0.0286	
1/14/2025	9:02	17.6	0.0176	
1/14/2025	9:03	14.6	0.0146	
1/14/2025	9:04	25.9	0.0259	
1/14/2025	9:05	21.6	0.0216	

1/14/2025	9:06	24.9	0.0249	
1/14/2025	9:07	22	0.022	
1/14/2025	9:08	27.6	0.0276	
1/14/2025	9:09	26	0.026	
1/14/2025	9:10	21.5	0.0215	0.02132
1/14/2025	9:11	19.9	0.0199	
1/14/2025	9:12	16.8	0.0168	
1/14/2025	9:13	17.5	0.0175	
1/14/2025	9:14	18.4	0.0184	
1/14/2025	9:15	19	0.019	
1/14/2025	9:16	18.4	0.0184	
1/14/2025	9:17	16.7	0.0167	
1/14/2025	9:18	20.6	0.0206	
1/14/2025	9:19	15.7	0.0157	
1/14/2025	9:20	23.6	0.0236	
1/14/2025	9:21	26.5	0.0265	
1/14/2025	9:22	18.1	0.0181	
1/14/2025	9:23	22	0.022	
1/14/2025	9:24	17.5	0.0175	
1/14/2025	9:25	17.7	0.0177	0.019226667
1/14/2025	9:26	18	0.018	
1/14/2025	9:27	16.7	0.0167	
1/14/2025	9:28	15.2	0.0152	
1/14/2025	9:29	17.6	0.0176	
1/14/2025	9:30	19.5	0.0195	
1/14/2025	9:31	16.8	0.0168	
1/14/2025	9:32	18	0.018	
1/14/2025	9:33	14.3	0.0143	
1/14/2025	9:34	18	0.018	
1/14/2025	9:35	14.1	0.0141	
1/14/2025	9:36	11.8	0.0118	
1/14/2025	9:37	17.3	0.0173	
1/14/2025	9:38	19	0.019	
1/14/2025	9:39	19.5	0.0195	
1/14/2025	9:40	17.9	0.0179	0.016913333
1/14/2025	9:41	16.8	0.0168	
1/14/2025	9:42	22.3	0.0223	
1/14/2025	9:43	19.4	0.0194	
1/14/2025	9:44	16.3	0.0163	
1/14/2025	9:45	14.3	0.0143	
1/14/2025	9:46	12.9	0.0129	
1/14/2025	9:47	15.9	0.0159	
1/14/2025	9:48	19.2	0.0192	
1/14/2025	9:49	17	0.017	

1/14/2025	9:50	17.5	0.0175	
1/14/2025	9:51	20.1	0.0201	
1/14/2025	9:52	25.3	0.0253	
1/14/2025	9:53	30.6	0.0306	
1/14/2025	9:54	19.9	0.0199	
1/14/2025	9:55	23.4	0.0234	0.019393333
1/14/2025	9:56	17.5	0.0175	
1/14/2025	9:57	15.8	0.0158	
1/14/2025	9:58	16.4	0.0164	
1/14/2025	9:59	13	0.013	
1/14/2025	10:00	10.4	0.0104	
1/14/2025	10:01	11.4	0.0114	
1/14/2025	10:02	17.3	0.0173	
1/14/2025	10:03	14.4	0.0144	
1/14/2025	10:04	16	0.016	
1/14/2025	10:05	15.3	0.0153	
1/14/2025	10:06	16	0.016	
1/14/2025	10:07	16	0.016	
1/14/2025	10:08	26.8	0.0268	
1/14/2025	10:09	19.3	0.0193	
1/14/2025	10:10	18.3	0.0183	0.01626
1/14/2025	10:11	29.9	0.0299	
1/14/2025	10:12	19.9	0.0199	
1/14/2025	10:13	19.8	0.0198	
1/14/2025	10:14	19.4	0.0194	
1/14/2025	10:15	11.5	0.0115	
1/14/2025	10:16	14.8	0.0148	
1/14/2025	10:17	15.4	0.0154	
1/14/2025	10:18	20.8	0.0208	
1/14/2025	10:19	12.6	0.0126	
1/14/2025	10:20	17.4	0.0174	
1/14/2025	10:21	18	0.018	
1/14/2025	10:22	13.3	0.0133	
1/14/2025	10:23	20.9	0.0209	
1/14/2025	10:24	14.5	0.0145	
1/14/2025	10:25	17.3	0.0173	0.0177
1/14/2025	10:26	26.3	0.0263	
1/14/2025	10:27	17.8	0.0178	
1/14/2025	10:28	14	0.014	
1/14/2025	10:29	13.2	0.0132	
1/14/2025	10:30	14.7	0.0147	
1/14/2025	10:31	23.7	0.0237	
1/14/2025	10:32	17.4	0.0174	
1/14/2025	10:33	19.2	0.0192	

1/14/2025	10:34	13.3	0.0133	
1/14/2025	10:35	13	0.013	
1/14/2025	10:36	16	0.016	
1/14/2025	10:37	14.8	0.0148	
1/14/2025	10:38	26.3	0.0263	
1/14/2025	10:39	21.6	0.0216	
1/14/2025	10:40	28.3	0.0283	0.01864
1/14/2025	10:41	23.1	0.0231	
1/14/2025	10:42	22.1	0.0221	
1/14/2025	10:43	35.3	0.0353	
1/14/2025	10:44	28.9	0.0289	
1/14/2025	10:45	16.9	0.0169	
1/14/2025	10:46	12.5	0.0125	
1/14/2025	10:47	13.3	0.0133	
1/14/2025	10:48	10.5	0.0105	
1/14/2025	10:49	10.5	0.0105	
1/14/2025	10:50	12.1	0.0121	
1/14/2025	10:51	15.5	0.0155	
1/14/2025	10:52	43.6	0.0436	
1/14/2025	10:53	25	0.025	
1/14/2025	10:54	25	0.025	
1/14/2025	10:55	13.5	0.0135	0.02052
1/14/2025	10:56	22.4	0.0224	
1/14/2025	10:57	12.5	0.0125	
1/14/2025	10:58	11.9	0.0119	
1/14/2025	10:59	14.7	0.0147	
1/14/2025	11:00	15.2	0.0152	
1/14/2025	11:01	16.1	0.0161	
1/14/2025	11:02	26.1	0.0261	
1/14/2025	11:03	33.2	0.0332	
1/14/2025	11:04	20.6	0.0206	
1/14/2025	11:05	13.4	0.0134	
1/14/2025	11:06	18.6	0.0186	
1/14/2025	11:07	26.2	0.0262	
1/14/2025	11:08	23.4	0.0234	
1/14/2025	11:09	17.7	0.0177	
1/14/2025	11:10	16.7	0.0167	0.019246667
1/14/2025	11:11	20.4	0.0204	
1/14/2025	11:12	21.5	0.0215	
1/14/2025	11:13	34.1	0.0341	
1/14/2025	11:14	24.9	0.0249	
1/14/2025	11:15	25.4	0.0254	
1/14/2025	11:16	25.4	0.0254	
1/14/2025	11:17	19.9	0.0199	

1/14/2025	11:18	15.6	0.0156	
1/14/2025	11:19	16.7	0.0167	
1/14/2025	11:20	14.7	0.0147	
1/14/2025	11:21	26	0.026	
1/14/2025	11:22	18.8	0.0188	
1/14/2025	11:23	15.3	0.0153	
1/14/2025	11:24	22.3	0.0223	
1/14/2025	11:25	20.1	0.0201	0.021406667
1/14/2025	11:26	22	0.022	
1/14/2025	11:27	23.8	0.0238	
1/14/2025	11:28	22.1	0.0221	
1/14/2025	11:29	25.2	0.0252	
1/14/2025	11:30	34.9	0.0349	
1/14/2025	11:31	30.9	0.0309	
1/14/2025	11:32	17.9	0.0179	
1/14/2025	11:33	12.7	0.0127	
1/14/2025	11:34	27.7	0.0277	
1/14/2025	11:35	27.9	0.0279	
1/14/2025	11:36	14	0.014	
1/14/2025	11:37	12.2	0.0122	
1/14/2025	11:38	14.6	0.0146	
1/14/2025	11:39	12.7	0.0127	
1/14/2025	11:40	12	0.012	0.020706667
1/14/2025	11:41	14.2	0.0142	
1/14/2025	11:42	18.5	0.0185	
1/14/2025	11:43	17.8	0.0178	
1/14/2025	11:44	16.5	0.0165	
1/14/2025	11:45	12.3	0.0123	
1/14/2025	11:46	11.6	0.0116	
1/14/2025	11:47	11.9	0.0119	
1/14/2025	11:48	12.9	0.0129	
1/14/2025	11:49	14.4	0.0144	
1/14/2025	11:50	9.5	0.0095	
1/14/2025	11:51	14.4	0.0144	
1/14/2025	11:52	16.2	0.0162	
1/14/2025	11:53	17.1	0.0171	
1/14/2025	11:54	14.7	0.0147	
1/14/2025	11:55	32.4	0.0324	0.015626667
1/14/2025	11:56	21	0.021	
1/14/2025	11:57	19.7	0.0197	
1/14/2025	11:58	24.8	0.0248	
1/14/2025	11:59	14.1	0.0141	
1/14/2025	12:00	11.5	0.0115	
1/14/2025	12:01	9.1	0.0091	

1/14/2025	12:02	13.5	0.0135	
1/14/2025	12:03	13.3	0.0133	
1/14/2025	12:04	16.8	0.0168	
1/14/2025	12:05	17.2	0.0172	
1/14/2025	12:06	15.6	0.0156	
1/14/2025	12:07	12.8	0.0128	
1/14/2025	12:08	29.5	0.0295	
1/14/2025	12:09	28	0.028	
1/14/2025	12:10	21.4	0.0214	0.017886667
1/14/2025	12:11	24	0.024	
1/14/2025	12:12	21.4	0.0214	
1/14/2025	12:13	19.8	0.0198	
1/14/2025	12:14	16.9	0.0169	
1/14/2025	12:15	22.8	0.0228	
1/14/2025	12:16	21.1	0.0211	
1/14/2025	12:17	18.9	0.0189	
1/14/2025	12:18	13.6	0.0136	
1/14/2025	12:19	14	0.014	
1/14/2025	12:20	18.1	0.0181	
1/14/2025	12:21	19.1	0.0191	
1/14/2025	12:22	17.4	0.0174	
1/14/2025	12:23	17.9	0.0179	
1/14/2025	12:24	25.3	0.0253	
1/14/2025	12:25	17.9	0.0179	0.019213333
1/14/2025	12:26	17.8	0.0178	
1/14/2025	12:27	13	0.013	
1/14/2025	12:28	12.6	0.0126	
1/14/2025	12:29	15.4	0.0154	
1/14/2025	12:30	16.5	0.0165	
1/14/2025	12:31	12.6	0.0126	
1/14/2025	12:32	10.9	0.0109	
1/14/2025	12:33	10.2	0.0102	
1/14/2025	12:34	12	0.012	
1/14/2025	12:35	14.6	0.0146	
1/14/2025	12:36	11	0.011	
1/14/2025	12:37	12.2	0.0122	
1/14/2025	12:38	14.9	0.0149	
1/14/2025	12:39	13.8	0.0138	
1/14/2025	12:40	11.5	0.0115	0.013266667
1/14/2025	12:41	17.6	0.0176	
1/14/2025	12:42	15.8	0.0158	
1/14/2025	12:43	18.9	0.0189	
1/14/2025	12:44	13.6	0.0136	
1/14/2025	12:45	15.3	0.0153	

1/14/2025	12:46	11.7	0.0117	
1/14/2025	12:47	16.7	0.0167	
1/14/2025	12:48	14.4	0.0144	
1/14/2025	12:49	15.7	0.0157	
1/14/2025	12:50	18.6	0.0186	
1/14/2025	12:51	20	0.02	
1/14/2025	12:52	21.2	0.0212	
1/14/2025	12:53	17.2	0.0172	
1/14/2025	12:54	12.4	0.0124	
1/14/2025	12:55	28.3	0.0283	0.01716
1/14/2025	12:56	22.7	0.0227	
1/14/2025	12:57	14.2	0.0142	
1/14/2025	12:58	25.2	0.0252	
1/14/2025	12:59	34.9	0.0349	
1/14/2025	13:01	30.9	0.0309	
1/14/2025	13:02	17.9	0.0179	
1/14/2025	13:03	12.7	0.0127	
1/14/2025	13:04	27.7	0.0277	
1/14/2025	13:05	27.9	0.0279	
1/14/2025	13:06	13.6	0.0136	
1/14/2025	13:07	12.2	0.0122	
1/14/2025	13:08	13.5	0.0135	
1/14/2025	13:09	12.8	0.0128	
1/14/2025	13:10	12	0.012	
1/14/2025	13:11	14.2	0.0142	0.019493333
1/14/2025	13:12	16.8	0.0168	
1/14/2025	13:13	17.8	0.0178	
1/14/2025	13:14	15.9	0.0159	
1/14/2025	13:15	12.3	0.0123	
1/14/2025	13:16	11.6	0.0116	
1/14/2025	13:17	11.2	0.0112	
1/14/2025	13:18	12.9	0.0129	
1/14/2025	13:19	14.4	0.0144	
1/14/2025	13:20	9.5	0.0095	
1/14/2025	13:21	13	0.013	
1/14/2025	13:22	16.2	0.0162	
1/14/2025	13:23	17.1	0.0171	
1/14/2025	13:24	14.7	0.0147	
1/14/2025	13:25	13.8	0.0138	
1/14/2025	13:26	21	0.021	0.014546667
1/14/2025	13:27	19.7	0.0197	
1/14/2025	13:28	24.8	0.0248	
1/14/2025	13:29	14.1	0.0141	
1/14/2025	13:30	11.5	0.0115	

1/14/2025	13:31	9.1	0.0091	
1/14/2025	13:32	13.5	0.0135	
1/14/2025	13:33	13.3	0.0133	
1/14/2025	13:34	16.8	0.0168	
1/14/2025	13:35	17.2	0.0172	
1/14/2025	13:36	16.2	0.0162	
1/14/2025	13:37	12.8	0.0128	
1/14/2025	13:38	18.7	0.0187	
1/14/2025	13:39	28	0.028	
1/14/2025	13:40	28.7	0.0287	
1/14/2025	13:41	17.3	0.0173	0.017446667
1/14/2025	13:42	26.3	0.0263	
1/14/2025	13:43	17.8	0.0178	
1/14/2025	13:44	14	0.014	
1/14/2025	13:45	13.7	0.0137	
1/14/2025	13:46	12.4	0.0124	
1/14/2025	13:47	23.7	0.0237	
1/14/2025	13:48	17.4	0.0174	
1/14/2025	13:49	19.2	0.0192	
1/14/2025	13:50	13.3	0.0133	
1/14/2025	13:51	13	0.013	
1/14/2025	13:52	16	0.016	
1/14/2025	13:53	14.8	0.0148	
1/14/2025	13:54	22.5	0.0225	
1/14/2025	13:55	23.9	0.0239	
1/14/2025	13:56	28.3	0.0283	0.01842
1/14/2025	13:57	20.7	0.0207	
1/14/2025	13:58	22.1	0.0221	
1/14/2025	13:59	35.3	0.0353	
1/14/2025	14:00	29.4	0.0294	
1/14/2025	14:01	16.9	0.0169	
1/14/2025	14:02	11.8	0.0118	
1/14/2025	14:03	13.3	0.0133	
1/14/2025	14:04	11.4	0.0114	
1/14/2025	14:05	10.5	0.0105	
1/14/2025	14:06	12.1	0.0121	
1/14/2025	14:07	15.5	0.0155	
1/14/2025	14:08	43.6	0.0436	
1/14/2025	14:09	25	0.025	
1/14/2025	14:10	25	0.025	
1/14/2025	14:11	13.5	0.0135	0.020406667
1/14/2025	14:12	22.4	0.0224	
1/14/2025	14:13	12.5	0.0125	
1/14/2025	14:14	11.9	0.0119	

1/14/2025	14:15	14.7	0.0147	
1/14/2025	14:16	16.8	0.0168	
1/14/2025	14:17	15.6	0.0156	
1/14/2025	14:18	15.9	0.0159	
1/14/2025	14:19	17.7	0.0177	
1/14/2025	14:20	18.7	0.0187	
1/14/2025	14:21	23.8	0.0238	
1/14/2025	14:22	20.7	0.0207	
1/14/2025	14:23	18.5	0.0185	
1/14/2025	14:24	19.9	0.0199	
1/14/2025	14:25	12.5	0.0125	
1/14/2025	14:26	20.2	0.0202	0.017453333
1/14/2025	14:27	18.5	0.0185	
1/14/2025	14:28	15.3	0.0153	
1/14/2025	14:29	15.3	0.0153	
1/14/2025	14:30	11.9	0.0119	
1/14/2025	14:31	20.1	0.0201	
1/14/2025	14:32	21.9	0.0219	
1/14/2025	14:33	15.7	0.0157	
1/14/2025	14:34	22.1	0.0221	
1/14/2025	14:35	15.3	0.0153	
1/14/2025	14:36	14.2	0.0142	
1/14/2025	14:37	13.5	0.0135	
1/14/2025	14:38	20.5	0.0205	
1/14/2025	14:39	22.7	0.0227	
1/14/2025	14:40	16	0.016	
1/14/2025	14:41	16.3	0.0163	0.017286667
1/14/2025	14:42	19.7	0.0197	
1/14/2025	14:43	19	0.019	
1/14/2025	14:44	25.6	0.0256	
1/14/2025	14:45	17.6	0.0176	
1/14/2025	14:46	12.7	0.0127	
1/14/2025	14:47	19.2	0.0192	
1/14/2025	14:48	12.3	0.0123	
1/14/2025	14:49	21.6	0.0216	
1/14/2025	14:50	16.6	0.0166	
1/14/2025	14:51	21.1	0.0211	
1/14/2025	14:52	26.8	0.0268	
1/14/2025	14:53	25	0.025	

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15 minute average (mg/m^3)
1/14/2025	7:43	23.9	0.0239	
1/14/2025	7:44	20.3	0.0203	
1/14/2025	7:45	35.5	0.0355	
1/14/2025	7:46	25	0.025	
1/14/2025	7:47	32	0.032	
1/14/2025	7:48	18.8	0.0188	
1/14/2025	7:49	31.3	0.0313	
1/14/2025	7:50	24.3	0.0243	
1/14/2025	7:51	46.5	0.0465	
1/14/2025	7:52	33	0.033	
1/14/2025	7:53	44.6	0.0446	
1/14/2025	7:54	27.7	0.0277	
1/14/2025	7:55	23.2	0.0232	
1/14/2025	7:56	32.5	0.0325	
1/14/2025	7:57	30.8	0.0308	0.02996
1/14/2025	7:58	30.8	0.0308	
1/14/2025	7:59	33.2	0.0332	
1/14/2025	8:00	40.9	0.0409	
1/14/2025	8:01	51.7	0.0517	
1/14/2025	8:02	30.9	0.0309	
1/14/2025	8:03	38.9	0.0389	
1/14/2025	8:04	72.5	0.0725	
1/14/2025	8:05	55.3	0.0553	
1/14/2025	8:06	34	0.034	
1/14/2025	8:07	50.8	0.0508	
1/14/2025	8:08	51.3	0.0513	
1/14/2025	8:09	55.2	0.0552	
1/14/2025	8:10	30.3	0.0303	
1/14/2025	8:11	54.6	0.0546	
1/14/2025	8:12	65.9	0.0659	0.04642
1/14/2025	8:13	46.8	0.0468	
1/14/2025	8:14	58.6	0.0586	
1/14/2025	8:15	51.4	0.0514	
1/14/2025	8:16	60.8	0.0608	
1/14/2025	8:17	110.8	0.1108	
1/14/2025	8:18	54.8	0.0548	
1/14/2025	8:19	67.7	0.0677	
1/14/2025	8:20	58.2	0.0582	
1/14/2025	8:21	72.5	0.0725	
1/14/2025	8:22	41.7	0.0417	

1/14/2025	8:23	42	0.042	
1/14/2025	8:24	72.4	0.0724	
1/14/2025	8:25	78.6	0.0786	
1/14/2025	8:26	61.1	0.0611	
1/14/2025	8:27	85	0.085	0.06416
1/14/2025	8:28	39.2	0.0392	
1/14/2025	8:29	113.8	0.1138	
1/14/2025	8:30	64.6	0.0646	
1/14/2025	8:31	84.5	0.0845	
1/14/2025	8:32	40.7	0.0407	
1/14/2025	8:33	64.7	0.0647	
1/14/2025	8:34	100.4	0.1004	
1/14/2025	8:35	84.7	0.0847	
1/14/2025	8:36	67.6	0.0676	
1/14/2025	8:37	60.4	0.0604	
1/14/2025	8:38	60	0.06	
1/14/2025	8:39	60.3	0.0603	
1/14/2025	8:40	60.5	0.0605	
1/14/2025	8:41	61.1	0.0611	
1/14/2025	8:42	66	0.066	0.068566667
1/14/2025	8:43	72	0.072	
1/14/2025	8:44	105.9	0.1059	
1/14/2025	8:45	47.7	0.0477	
1/14/2025	8:46	22.6	0.0226	
1/14/2025	8:47	42.1	0.0421	
1/14/2025	8:48	62.9	0.0629	
1/14/2025	8:49	39.4	0.0394	
1/14/2025	8:50	69.7	0.0697	
1/14/2025	8:51	54.8	0.0548	
1/14/2025	8:52	53.2	0.0532	
1/14/2025	8:53	50.9	0.0509	
1/14/2025	8:54	26	0.026	
1/14/2025	8:55	63.8	0.0638	
1/14/2025	8:56	36.7	0.0367	
1/14/2025	8:57	74.7	0.0747	0.054826667
1/14/2025	8:58	78	0.078	
1/14/2025	8:59	76.9	0.0769	
1/14/2025	9:00	92.1	0.0921	
1/14/2025	9:01	81.2	0.0812	
1/14/2025	9:02	66.6	0.0666	
1/14/2025	9:03	63.4	0.0634	
1/14/2025	9:04	46.9	0.0469	
1/14/2025	9:05	43	0.043	
1/14/2025	9:06	57.4	0.0574	

1/14/2025	9:07	63.2	0.0632	
1/14/2025	9:08	126.2	0.1262	
1/14/2025	9:09	50.3	0.0503	
1/14/2025	9:10	68.8	0.0688	
1/14/2025	9:11	44.4	0.0444	
1/14/2025	9:12	96.3	0.0963	0.070313333
1/14/2025	9:13	104.1	0.1041	
1/14/2025	9:14	41.1	0.0411	
1/14/2025	9:15	48.1	0.0481	
1/14/2025	9:16	59.3	0.0593	
1/14/2025	9:17	63	0.063	
1/14/2025	9:18	63.5	0.0635	
1/14/2025	9:19	63.4	0.0634	
1/14/2025	9:20	55.8	0.0558	
1/14/2025	9:21	66.8	0.0668	
1/14/2025	9:22	43	0.043	
1/14/2025	9:23	104.1	0.1041	
1/14/2025	9:24	66.3	0.0663	
1/14/2025	9:25	43.2	0.0432	
1/14/2025	9:26	48.9	0.0489	
1/14/2025	9:27	40.3	0.0403	0.060726667
1/14/2025	9:28	46.9	0.0469	
1/14/2025	9:29	112.2	0.1122	
1/14/2025	9:30	65.2	0.0652	
1/14/2025	9:31	99.2	0.0992	
1/14/2025	9:32	68.7	0.0687	
1/14/2025	9:33	67.8	0.0678	
1/14/2025	9:34	96.5	0.0965	
1/14/2025	9:35	87.2	0.0872	
1/14/2025	9:36	31.6	0.0316	
1/14/2025	9:37	68.2	0.0682	
1/14/2025	9:38	36.2	0.0362	
1/14/2025	9:39	123.7	0.1237	
1/14/2025	9:40	126.8	0.1268	
1/14/2025	9:41	46.3	0.0463	
1/14/2025	9:42	55.6	0.0556	0.075473333
1/14/2025	9:43	107.1	0.1071	
1/14/2025	9:44	63.1	0.0631	
1/14/2025	9:45	24.1	0.0241	
1/14/2025	9:46	139.2	0.1392	
1/14/2025	9:47	131.5	0.1315	
1/14/2025	9:48	40.8	0.0408	
1/14/2025	9:49	143.4	0.1434	
1/14/2025	9:50	121.4	0.1214	

1/14/2025	9:51	95.3	0.0953	
1/14/2025	9:52	51.9	0.0519	
1/14/2025	9:53	167.6	0.1676	
1/14/2025	9:54	36	0.036	
1/14/2025	9:55	44	0.044	
1/14/2025	9:56	148.7	0.1487	
1/14/2025	9:57	88.5	0.0885	0.093506667
1/14/2025	9:58	59.5	0.0595	
1/14/2025	9:59	95.1	0.0951	
1/14/2025	10:00	34.7	0.0347	
1/14/2025	10:01	47.2	0.0472	
1/14/2025	10:02	100.6	0.1006	
1/14/2025	10:03	97.4	0.0974	
1/14/2025	10:04	130.1	0.1301	
1/14/2025	10:05	99.6	0.0996	
1/14/2025	10:06	74.9	0.0749	
1/14/2025	10:07	59	0.059	
1/14/2025	10:08	66.8	0.0668	
1/14/2025	10:09	134.5	0.1345	
1/14/2025	10:10	59.5	0.0595	
1/14/2025	10:11	70.9	0.0709	
1/14/2025	10:12	61.9	0.0619	0.079446667
1/14/2025	10:13	45.9	0.0459	
1/14/2025	10:14	63.7	0.0637	
1/14/2025	10:15	42.9	0.0429	
1/14/2025	10:16	76.4	0.0764	
1/14/2025	10:17	111.1	0.1111	
1/14/2025	10:18	89.4	0.0894	
1/14/2025	10:19	72.8	0.0728	
1/14/2025	10:20	49	0.049	
1/14/2025	10:21	46.4	0.0464	
1/14/2025	10:22	171.9	0.1719	
1/14/2025	10:23	39.8	0.0398	
1/14/2025	10:24	120.4	0.1204	
1/14/2025	10:25	44.4	0.0444	
1/14/2025	10:26	164.8	0.1648	
1/14/2025	10:27	59.6	0.0596	0.0799
1/14/2025	10:28	29.1	0.0291	
1/14/2025	10:29	70.8	0.0708	
1/14/2025	10:30	103	0.103	
1/14/2025	10:31	177.4	0.1774	
1/14/2025	10:32	59.9	0.0599	
1/14/2025	10:33	62.2	0.0622	
1/14/2025	10:34	69.1	0.0691	

1/14/2025	10:35	76.1	0.0761	
1/14/2025	10:36	187.3	0.1873	
1/14/2025	10:37	104.4	0.1044	
1/14/2025	10:38	106.1	0.1061	
1/14/2025	10:39	193.4	0.1934	
1/14/2025	10:40	231.4	0.2314	
1/14/2025	10:41	116.1	0.1161	
1/14/2025	10:42	56.8	0.0568	0.10954
1/14/2025	10:43	93.2	0.0932	
1/14/2025	10:44	76.2	0.0762	
1/14/2025	10:45	88.6	0.0886	
1/14/2025	10:46	79.3	0.0793	
1/14/2025	10:47	116.3	0.1163	
1/14/2025	10:48	179.9	0.1799	
1/14/2025	10:49	174.4	0.1744	
1/14/2025	10:50	94.1	0.0941	
1/14/2025	10:51	80	0.08	
1/14/2025	10:52	169.6	0.1696	
1/14/2025	10:53	75.8	0.0758	
1/14/2025	10:54	119	0.119	
1/14/2025	10:55	46.6	0.0466	
1/14/2025	10:56	84.9	0.0849	
1/14/2025	10:57	19.1	0.0191	0.0998
1/14/2025	10:58	21.7	0.0217	
1/14/2025	10:59	22.5	0.0225	
1/14/2025	11:00	23	0.023	
1/14/2025	11:01	22.7	0.0227	
1/14/2025	11:02	30.8	0.0308	
1/14/2025	11:03	29	0.029	
1/14/2025	11:04	31.2	0.0312	
1/14/2025	11:05	17.7	0.0177	
1/14/2025	11:06	21.7	0.0217	
1/14/2025	11:07	31.4	0.0314	
1/14/2025	11:08	30.1	0.0301	
1/14/2025	11:09	36.4	0.0364	
1/14/2025	11:10	22.9	0.0229	
1/14/2025	11:11	16.4	0.0164	
1/14/2025	11:12	29.7	0.0297	0.025813333
1/14/2025	11:13	26.8	0.0268	
1/14/2025	11:14	58.2	0.0582	
1/14/2025	11:15	52.4	0.0524	
1/14/2025	11:16	50.2	0.0502	
1/14/2025	11:17	44.6	0.0446	
1/14/2025	11:18	47.2	0.0472	

1/14/2025	11:19	34.6	0.0346	
1/14/2025	11:20	68.4	0.0684	
1/14/2025	11:21	45.8	0.0458	
1/14/2025	11:22	51.3	0.0513	
1/14/2025	11:23	87.3	0.0873	
1/14/2025	11:24	116.3	0.1163	
1/14/2025	11:25	64.9	0.0649	
1/14/2025	11:26	56.1	0.0561	
1/14/2025	11:27	74.1	0.0741	0.058546667
1/14/2025	11:28	39.6	0.0396	
1/14/2025	11:29	38.6	0.0386	
1/14/2025	11:30	45.4	0.0454	
1/14/2025	11:31	67.5	0.0675	
1/14/2025	11:32	35.5	0.0355	
1/14/2025	11:33	43.4	0.0434	
1/14/2025	11:34	47	0.047	
1/14/2025	11:35	77.2	0.0772	
1/14/2025	11:36	71	0.071	
1/14/2025	11:37	49	0.049	
1/14/2025	11:38	23.5	0.0235	
1/14/2025	11:39	104.3	0.1043	
1/14/2025	11:40	37.9	0.0379	
1/14/2025	11:41	76	0.076	
1/14/2025	11:42	182.5	0.1825	0.06256
1/14/2025	11:43	37.9	0.0379	
1/14/2025	11:44	52.9	0.0529	
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1/14/2025	11:50	61.6	0.0616	
1/14/2025	11:51	111.9	0.1119	
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1/14/2025	11:59	82.5	0.0825	
1/14/2025	12:00	59	0.059	
1/14/2025	12:01	131.3	0.1313	
1/14/2025	12:02	61.4	0.0614	

1/14/2025	12:03	21.6	0.0216	
1/14/2025	12:04	99.9	0.0999	
1/14/2025	12:05	48.3	0.0483	
1/14/2025	12:06	38.8	0.0388	
1/14/2025	12:07	47	0.047	
1/14/2025	12:08	177.3	0.1773	
1/14/2025	12:09	121.2	0.1212	
1/14/2025	12:10	22.6	0.0226	
1/14/2025	12:11	72.5	0.0725	
1/14/2025	12:12	151	0.151	0.078313333
1/14/2025	12:13	89.5	0.0895	
1/14/2025	12:14	56.8	0.0568	
1/14/2025	12:15	34.4	0.0344	
1/14/2025	12:16	49.1	0.0491	
1/14/2025	12:17	116.2	0.1162	
1/14/2025	12:18	113.9	0.1139	
1/14/2025	12:19	63	0.063	
1/14/2025	12:20	114.3	0.1143	
1/14/2025	12:21	24.4	0.0244	
1/14/2025	12:22	79	0.079	
1/14/2025	12:23	87	0.087	
1/14/2025	12:24	59.1	0.0591	
1/14/2025	12:25	136.4	0.1364	
1/14/2025	12:26	44.5	0.0445	
1/14/2025	12:27	86.5	0.0865	0.07694
1/14/2025	12:28	95.5	0.0955	
1/14/2025	12:29	78.7	0.0787	
1/14/2025	12:30	110.8	0.1108	
1/14/2025	12:31	113.7	0.1137	
1/14/2025	12:32	51.4	0.0514	
1/14/2025	12:33	102.8	0.1028	
1/14/2025	12:34	64.7	0.0647	
1/14/2025	12:35	24.3	0.0243	
1/14/2025	12:36	171.2	0.1712	
1/14/2025	12:37	103.3	0.1033	
1/14/2025	12:38	70.1	0.0701	
1/14/2025	12:39	98.1	0.0981	
1/14/2025	12:40	24.3	0.0243	
1/14/2025	12:41	21.9	0.0219	
1/14/2025	12:42	27.6	0.0276	0.077226667
1/14/2025	12:43	34.6	0.0346	
1/14/2025	12:44	35.1	0.0351	
1/14/2025	12:45	25.4	0.0254	
1/14/2025	12:46	14.6	0.0146	

1/14/2025	12:47	31.4	0.0314	
1/14/2025	12:48	26.1	0.0261	
1/14/2025	12:49	20.3	0.0203	
1/14/2025	12:50	24.3	0.0243	
1/14/2025	12:51	32.2	0.0322	
1/14/2025	12:52	30.3	0.0303	
1/14/2025	12:53	23.6	0.0236	
1/14/2025	12:54	21	0.021	
1/14/2025	12:55	31.9	0.0319	
1/14/2025	12:56	48.5	0.0485	
1/14/2025	12:57	43.7	0.0437	0.029533333
1/14/2025	12:58	23.9	0.0239	
1/14/2025	12:59	26.8	0.0268	
1/14/2025	13:00	29.2	0.0292	
1/14/2025	13:01	25	0.025	
1/14/2025	13:02	30.1	0.0301	
1/14/2025	13:03	25.7	0.0257	
1/14/2025	13:04	31.3	0.0313	
1/14/2025	13:05	24.3	0.0243	
1/14/2025	13:06	39.5	0.0395	
1/14/2025	13:07	38.4	0.0384	
1/14/2025	13:08	37.5	0.0375	
1/14/2025	13:09	22.8	0.0228	
1/14/2025	13:10	23.2	0.0232	
1/14/2025	13:11	32.5	0.0325	
1/14/2025	13:12	30.8	0.0308	0.0294
1/14/2025	13:13	31.2	0.0312	
1/14/2025	13:14	33.2	0.0332	
1/14/2025	13:15	40.9	0.0409	
1/14/2025	13:16	50	0.05	
1/14/2025	13:17	25.6	0.0256	
1/14/2025	13:18	38.9	0.0389	
1/14/2025	13:19	51.8	0.0518	
1/14/2025	13:20	60.5	0.0605	
1/14/2025	13:21	34	0.034	
1/14/2025	13:22	33.8	0.0338	
1/14/2025	13:23	27.4	0.0274	
1/14/2025	13:24	42.1	0.0421	
1/14/2025	13:25	33.8	0.0338	
1/14/2025	13:26	49.2	0.0492	
1/14/2025	13:27	65.9	0.0659	0.04122
1/14/2025	13:28	46.8	0.0468	
1/14/2025	13:29	58.6	0.0586	
1/14/2025	13:30	51.4	0.0514	

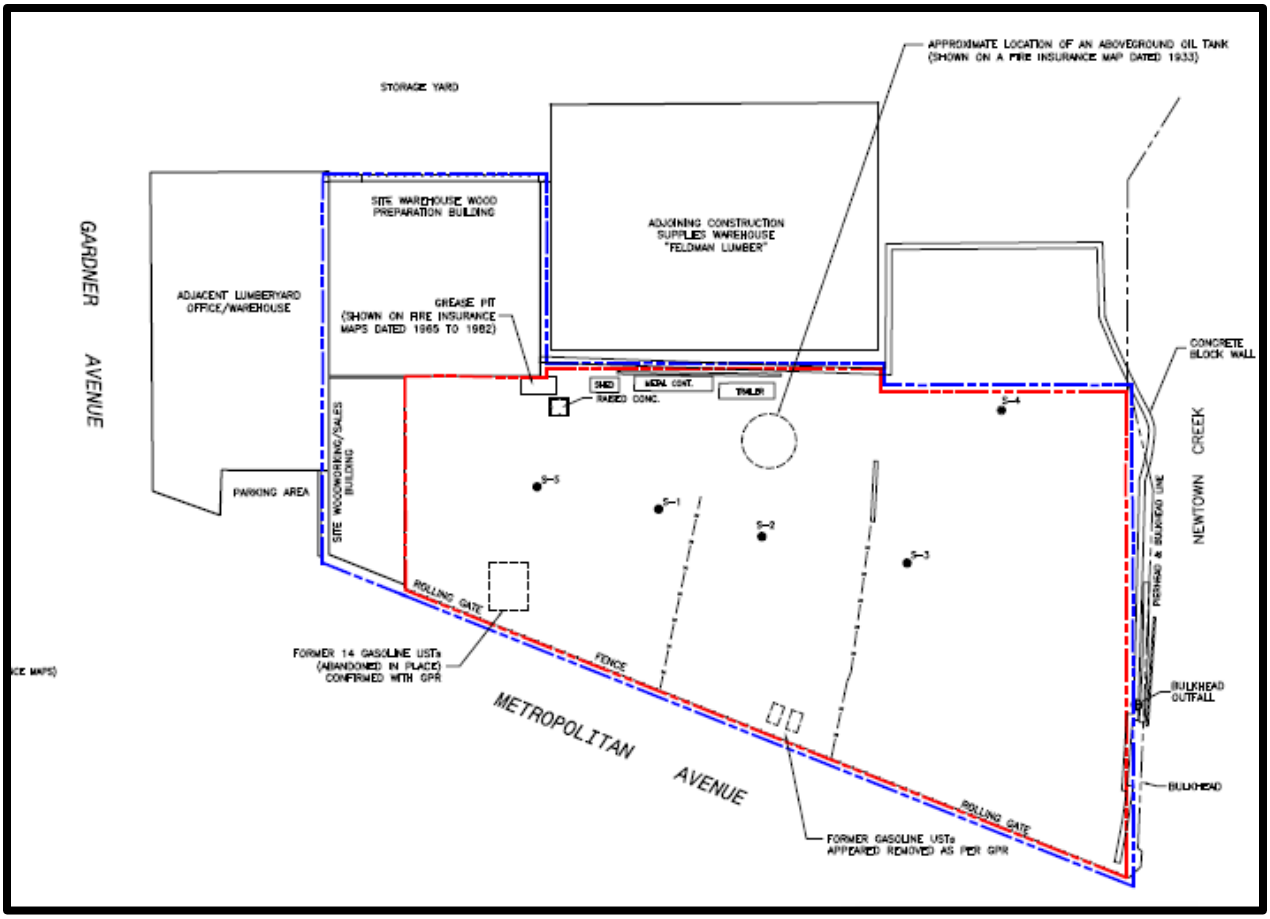
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1/14/2025	13:33	64.2	0.0642	
1/14/2025	13:34	66.3	0.0663	
1/14/2025	13:35	64.9	0.0649	
1/14/2025	13:36	49.7	0.0497	
1/14/2025	13:37	58.1	0.0581	
1/14/2025	13:38	39.6	0.0396	
1/14/2025	13:39	38.6	0.0386	
1/14/2025	13:40	45.4	0.0454	
1/14/2025	13:41	56.2	0.0562	
1/14/2025	13:42	30	0.03	0.052126667
1/14/2025	13:43	43.4	0.0434	
1/14/2025	13:44	47	0.047	
1/14/2025	13:45	77.2	0.0772	
1/14/2025	13:46	72.5	0.0725	
1/14/2025	13:47	49	0.049	
1/14/2025	13:48	20.8	0.0208	
1/14/2025	13:49	64.2	0.0642	
1/14/2025	13:50	59.7	0.0597	
1/14/2025	13:51	76	0.076	
1/14/2025	13:52	94.8	0.0948	
1/14/2025	13:53	64.5	0.0645	
1/14/2025	13:54	33.7	0.0337	
1/14/2025	13:55	31.2	0.0312	
1/14/2025	13:56	64.7	0.0647	
1/14/2025	13:57	70.4	0.0704	0.05794
1/14/2025	13:58	46.5	0.0465	
1/14/2025	13:59	66.6	0.0666	
1/14/2025	14:00	58.4	0.0584	
1/14/2025	14:01	77.2	0.0772	
1/14/2025	14:02	82.5	0.0825	
1/14/2025	14:03	64.9	0.0649	
1/14/2025	14:04	59.4	0.0594	
1/14/2025	14:05	70	0.07	
1/14/2025	14:06	55.3	0.0553	
1/14/2025	14:07	67.2	0.0672	
1/14/2025	14:08	40.3	0.0403	
1/14/2025	14:09	82.5	0.0825	
1/14/2025	14:10	59	0.059	
1/14/2025	14:11	99.4	0.0994	
1/14/2025	14:12	50.7	0.0507	0.065326667
1/14/2025	14:13	31.5	0.0315	
1/14/2025	14:14	87.1	0.0871	

1/14/2025	14:15	48.9	0.0489	
1/14/2025	14:16	38.8	0.0388	
1/14/2025	14:17	47	0.047	
1/14/2025	14:18	59.1	0.0591	
1/14/2025	14:19	62.8	0.0628	
1/14/2025	14:20	91.8	0.0918	
1/14/2025	14:21	88.2	0.0882	
1/14/2025	14:22	90	0.09	
1/14/2025	14:23	89.5	0.0895	
1/14/2025	14:24	74.2	0.0742	
1/14/2025	14:25	78.9	0.0789	
1/14/2025	14:26	49.1	0.0491	
1/14/2025	14:27	44.2	0.0442	0.065406667
1/14/2025	14:28	77.4	0.0774	
1/14/2025	14:29	63	0.063	
1/14/2025	14:30	68.2	0.0682	
1/14/2025	14:31	57.1	0.0571	
1/14/2025	14:32	79	0.079	
1/14/2025	14:33	85.2	0.0852	
1/14/2025	14:34	74.5	0.0745	
1/14/2025	14:35	55.3	0.0553	
1/14/2025	14:36	71	0.071	
1/14/2025	14:37	64.8	0.0648	
1/14/2025	14:38	57.2	0.0572	
1/14/2025	14:39	60	0.06	
1/14/2025	14:40	54.8	0.0548	
1/14/2025	14:41	48.6	0.0486	
1/14/2025	14:42	51.4	0.0514	0.0645
1/14/2025	14:43	71.5	0.0715	
1/14/2025	14:44	64.7	0.0647	
1/14/2025	14:45	45.3	0.0453	
1/14/2025	14:46	50	0.05	
1/14/2025	14:47	64.2	0.0642	
1/14/2025	14:48	70.1	0.0701	
1/14/2025	14:49	57.2	0.0572	
1/14/2025	14:50	57.9	0.0579	
1/14/2025	14:51	21.9	0.0219	

Daily Air Monitoring Report

January 16, 2025

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, NY 11237



Prepared for: 1301 Metro- 255, LLC
1301 Metro- Triple JQ, LLC
1301 Metro- Rudolph Q, LLC
213-19 99th Avenue
Queens Village, NY 11429

Prepared by: EnviroTrac Ltd.
5 Old Dock Road, Yaphank, NY 11980

DAILY STATUS REPORT

Prepared By: Dylan Moscarella

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32	x	32-50		50-70		70-85		>85	

Project No.:	NYSDEC Site # 224344	Winds From W @ 10-15 mph	Date:	1/16/2025
Project Name:	1301 Metropolitan Avenue, Brooklyn, New York			

Consultant:
Dylan Moscarella
EnviroTrac Ltd.

Work Activities Performed (Since Last Report):

EnviroTrac personnel provided environmental oversight of the test pit excavation to locate any former underground storage tanks (USTs) or contamination related to former tanks on the south-central portion of the site. Community Air Monitoring Plan (CAMP) was performed during activities on site. CAMP equipment was placed at an upwind and downwind location in relation to the excavation and 15-minute averages were recorded during this period.

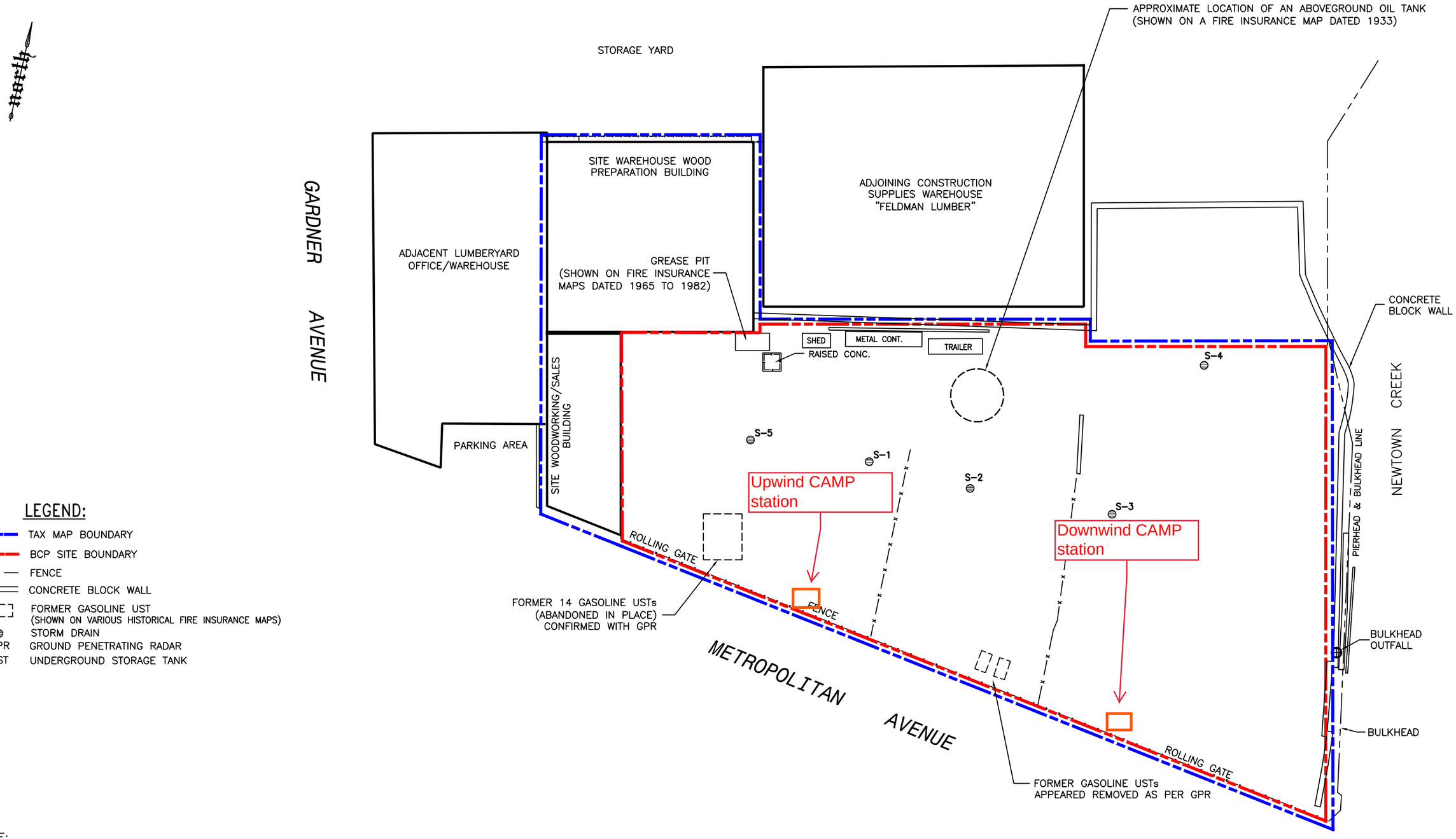
Air Monitoring

	Maximum 15 Minute Average	
	VOC's (ppm)	PM-10 (mg/m^3)
Construction Down Wind	0.0	0.102
Construction Up Wind	0.0	0.0325

Exceedances (Since Last Report): No exceedances.

Problems Encountered: No problems encountered.

Planned Activities for the Next Day/ Week:
- Drywell cleanouts.



LEGEND:

- TAX MAP BOUNDARY
- BCP SITE BOUNDARY
- FENCE
- CONCRETE BLOCK WALL
- FORMER GASOLINE UST (SHOWN ON VARIOUS HISTORICAL FIRE INSURANCE MAPS)
- STORM DRAIN
- GPR GROUND PENETRATING RADAR
- UST UNDERGROUND STORAGE TANK

SOURCE:

SITE PLAN BASED ON A SURVEY PREPARED BY
L.K. McLEAN ASSOCIATES P.C. – APRIL 02, 2024.

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 50
SCALE IN FEET

REVISION DATE: 7/16/2024 REVISED BY: AC

1301 METROPOLITAN AVENUE
BROOKLYN, NEW YORK

SITE PLAN

FIGURE #
2

Daily Air Monitoring Log

Project Name: 130| Metro

Date: 1/16/25

Project Location: 130| Metropolitan Ave

Temperature: 25-30°

Wind Speed: 10-15mph

Wind Direction: E

Background Data: Upwind - PID 0.0 ppm

Upwind
~~Dust Meter~~ 1 - 0.0198 mg/m^3

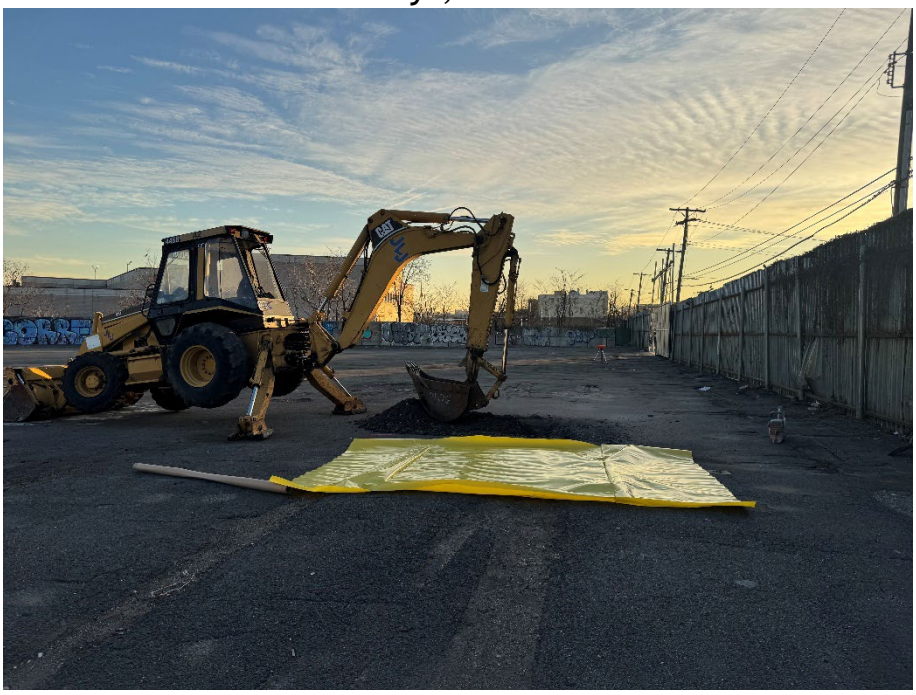
Downwind - PID 0.0 ppm

~~Dust Meter~~ 2 - 0.0265 mg/m^3
Downwind

Time	Downwind		Upwind		Workzone	
	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3
7:00	0.0		0.0			
7:15						
7:30						
7:45						
8:00						
8:15						
8:30						
8:45						
9:00						
9:15						
9:30						
9:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of start of the excavation in the area of the former gasoline tanks shown on historical fire insurance maps on the south-central portion of the Site.



View of the excavation. Within the excavation were cobbles and an apparent concrete footing.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the maximum depth of the excavation to approximately 9 feet below grade.



View of the excavation depth measurement.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



Maximum PID reading for excavation soil.

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15 minute average (mg/m^3)
1/16/2025	7:14	49.5	0.0495	
1/16/2025	7:15	17	0.017	
1/16/2025	7:16	19.9	0.0199	
1/16/2025	7:17	18.7	0.0187	
1/16/2025	7:18	11.9	0.0119	
1/16/2025	7:19	13.8	0.0138	
1/16/2025	7:20	12	0.012	
1/16/2025	7:21	17.5	0.0175	
1/16/2025	7:22	13.3	0.0133	
1/16/2025	7:23	17.1	0.0171	
1/16/2025	7:24	15.9	0.0159	
1/16/2025	7:25	16.7	0.0167	
1/16/2025	7:26	16	0.016	
1/16/2025	7:27	16	0.016	
1/16/2025	7:28	17	0.017	0.018153333
1/16/2025	7:29	28.5	0.0285	
1/16/2025	7:30	15.3	0.0153	
1/16/2025	7:31	16.4	0.0164	
1/16/2025	7:32	10.2	0.0102	
1/16/2025	7:33	12.7	0.0127	
1/16/2025	7:34	23.4	0.0234	
1/16/2025	7:35	27.6	0.0276	
1/16/2025	7:36	26.4	0.0264	
1/16/2025	7:37	15.4	0.0154	
1/16/2025	7:38	17.7	0.0177	
1/16/2025	7:39	18	0.018	
1/16/2025	7:40	28.8	0.0288	
1/16/2025	7:41	27.9	0.0279	
1/16/2025	7:42	21.9	0.0219	
1/16/2025	7:43	18.1	0.0181	0.020553333
1/16/2025	7:44	46.5	0.0465	
1/16/2025	7:45	24.6	0.0246	
1/16/2025	7:46	20.3	0.0203	
1/16/2025	7:47	23.4	0.0234	
1/16/2025	7:48	21.6	0.0216	
1/16/2025	7:49	17.5	0.0175	
1/16/2025	7:50	26.7	0.0267	
1/16/2025	7:51	24.8	0.0248	
1/16/2025	7:52	24.6	0.0246	
1/16/2025	7:53	33.3	0.0333	

1/16/2025	7:54	49.1	0.0491	
1/16/2025	7:55	19.6	0.0196	
1/16/2025	7:56	21.8	0.0218	
1/16/2025	7:57	17.1	0.0171	
1/16/2025	7:58	17.4	0.0174	0.025886667
1/16/2025	7:59	15.5	0.0155	
1/16/2025	8:00	19.3	0.0193	
1/16/2025	8:01	17.3	0.0173	
1/16/2025	8:02	23.7	0.0237	
1/16/2025	8:03	17.1	0.0171	
1/16/2025	8:04	22	0.022	
1/16/2025	8:05	19.8	0.0198	
1/16/2025	8:06	17.8	0.0178	
1/16/2025	8:07	15.7	0.0157	
1/16/2025	8:08	18.3	0.0183	
1/16/2025	8:09	17.5	0.0175	
1/16/2025	8:10	19.7	0.0197	
1/16/2025	8:11	17.6	0.0176	
1/16/2025	8:12	20.4	0.0204	
1/16/2025	8:13	41.9	0.0419	0.02024
1/16/2025	8:14	23.9	0.0239	
1/16/2025	8:15	21.4	0.0214	
1/16/2025	8:16	18.6	0.0186	
1/16/2025	8:17	39.7	0.0397	
1/16/2025	8:18	29.8	0.0298	
1/16/2025	8:19	42.8	0.0428	
1/16/2025	8:20	24.2	0.0242	
1/16/2025	8:21	29.4	0.0294	
1/16/2025	8:22	27.7	0.0277	
1/16/2025	8:23	32.3	0.0323	
1/16/2025	8:24	20.3	0.0203	
1/16/2025	8:25	32.6	0.0326	
1/16/2025	8:26	29	0.029	
1/16/2025	8:27	24	0.024	
1/16/2025	8:28	15.2	0.0152	0.027393333
1/16/2025	8:29	16.8	0.0168	
1/16/2025	8:30	17.3	0.0173	
1/16/2025	8:31	18.4	0.0184	
1/16/2025	8:32	21.4	0.0214	
1/16/2025	8:33	20.1	0.0201	
1/16/2025	8:34	22.4	0.0224	
1/16/2025	8:35	18.9	0.0189	
1/16/2025	8:36	19.9	0.0199	
1/16/2025	8:37	12	0.012	

1/16/2025	8:38	10.8	0.0108	
1/16/2025	8:39	12.1	0.0121	
1/16/2025	8:40	20.4	0.0204	
1/16/2025	8:41	15	0.015	
1/16/2025	8:42	29.8	0.0298	
1/16/2025	8:43	41.2	0.0412	0.019766667
1/16/2025	8:44	25.6	0.0256	
1/16/2025	8:45	28	0.028	
1/16/2025	8:46	20	0.02	
1/16/2025	8:47	21.9	0.0219	
1/16/2025	8:48	24.9	0.0249	
1/16/2025	8:49	21.7	0.0217	
1/16/2025	8:50	22.5	0.0225	
1/16/2025	8:51	34.4	0.0344	
1/16/2025	8:52	28.4	0.0284	
1/16/2025	8:53	31.2	0.0312	
1/16/2025	8:54	25.1	0.0251	
1/16/2025	8:55	29.6	0.0296	
1/16/2025	8:56	25.4	0.0254	
1/16/2025	8:57	24.5	0.0245	
1/16/2025	8:58	23.4	0.0234	0.025773333
1/16/2025	8:59	32.5	0.0325	
1/16/2025	9:00	46.9	0.0469	
1/16/2025	9:01	47.2	0.0472	
1/16/2025	9:02	50.4	0.0504	
1/16/2025	9:03	35.8	0.0358	
1/16/2025	9:04	32.4	0.0324	
1/16/2025	9:05	24.1	0.0241	
1/16/2025	9:06	32.4	0.0324	
1/16/2025	9:07	31.2	0.0312	
1/16/2025	9:08	19	0.019	
1/16/2025	9:09	19.1	0.0191	
1/16/2025	9:10	38.1	0.0381	
1/16/2025	9:11	29.3	0.0293	
1/16/2025	9:12	26.6	0.0266	
1/16/2025	9:13	23.8	0.0238	0.032586667
1/16/2025	9:14	18.7	0.0187	
1/16/2025	9:15	22.1	0.0221	
1/16/2025	9:16	30.5	0.0305	
1/16/2025	9:17	22.4	0.0224	
1/16/2025	9:18	21.7	0.0217	
1/16/2025	9:19	22.9	0.0229	
1/16/2025	9:20	27	0.027	
1/16/2025	9:21	37.3	0.0373	

1/16/2025	9:22	21.6	0.0216	
1/16/2025	9:23	19.2	0.0192	
1/16/2025	9:24	24	0.024	
1/16/2025	9:25	27.4	0.0274	
1/16/2025	9:26	26.9	0.0269	
1/16/2025	9:27	23.8	0.0238	
1/16/2025	9:28	33.6	0.0336	0.025273333
1/16/2025	9:29	25.2	0.0252	
1/16/2025	9:30	17.4	0.0174	
1/16/2025	9:31	26.5	0.0265	
1/16/2025	9:32	20	0.02	
1/16/2025	9:33	18.1	0.0181	
1/16/2025	9:34	20.7	0.0207	
1/16/2025	9:35	17.8	0.0178	
1/16/2025	9:36	17.6	0.0176	
1/16/2025	9:37	15.6	0.0156	
1/16/2025	9:38	28	0.028	
1/16/2025	9:39	13.4	0.0134	
1/16/2025	9:40	20.8	0.0208	
1/16/2025	9:41	23.2	0.0232	
1/16/2025	9:42	32.7	0.0327	
1/16/2025	9:43	20.6	0.0206	0.021173333
1/16/2025	9:44	20.2	0.0202	
1/16/2025	9:45	25.9	0.0259	
1/16/2025	9:46	22.8	0.0228	
1/16/2025	9:47	21.8	0.0218	
1/16/2025	9:48	13.8	0.0138	
1/16/2025	9:49	16	0.016	
1/16/2025	9:50	23	0.023	
1/16/2025	9:51	17.4	0.0174	
1/16/2025	9:52	17.8	0.0178	
1/16/2025	9:53	19.4	0.0194	
1/16/2025	9:54	25.1	0.0251	
1/16/2025	9:55	14.4	0.0144	
1/16/2025	9:56	19.9	0.0199	
1/16/2025	9:57	17.2	0.0172	
1/16/2025	9:58	13	0.013	0.01918
1/16/2025	9:59	15.3	0.0153	
1/16/2025	10:00	23.2	0.0232	
1/16/2025	10:01	19.4	0.0194	
1/16/2025	10:02	18.8	0.0188	
1/16/2025	10:03	36.3	0.0363	
1/16/2025	10:04	18.4	0.0184	
1/16/2025	10:05	17.3	0.0173	

1/16/2025	10:06	25.6	0.0256	
1/16/2025	10:07	19.1	0.0191	
1/16/2025	10:08	23.9	0.0239	
1/16/2025	10:09	25.4	0.0254	
1/16/2025	10:10	21.2	0.0212	
1/16/2025	10:11	24.6	0.0246	
1/16/2025	10:12	30.4	0.0304	
1/16/2025	10:13	18.3	0.0183	0.02248
1/16/2025	10:14	17.4	0.0174	
1/16/2025	10:15	21.3	0.0213	
1/16/2025	10:16	18.3	0.0183	
1/16/2025	10:17	19	0.019	
1/16/2025	10:18	12.9	0.0129	
1/16/2025	10:19	17.8	0.0178	
1/16/2025	10:20	14.6	0.0146	
1/16/2025	10:21	34.4	0.0344	
1/16/2025	10:22	26.6	0.0266	
1/16/2025	10:23	15.8	0.0158	
1/16/2025	10:24	19.6	0.0196	
1/16/2025	10:25	20.6	0.0206	
1/16/2025	10:26	25.2	0.0252	
1/16/2025	10:27	23.5	0.0235	
1/16/2025	10:28	25.2	0.0252	0.020813333
1/16/2025	10:29	31.6	0.0316	
1/16/2025	10:30	25.8	0.0258	
1/16/2025	10:31	32.7	0.0327	
1/16/2025	10:32	21.3	0.0213	
1/16/2025	10:33	22.4	0.0224	
1/16/2025	10:34	28.7	0.0287	
1/16/2025	10:35	17.8	0.0178	
1/16/2025	10:36	22.8	0.0228	
1/16/2025	10:37	30.7	0.0307	
1/16/2025	10:38	26.5	0.0265	
1/16/2025	10:39	33.3	0.0333	
1/16/2025	10:40	16.2	0.0162	
1/16/2025	10:41	26.4	0.0264	
1/16/2025	10:42	21.1	0.0211	
1/16/2025	10:43	24	0.024	0.02542
1/16/2025	10:44	31.8	0.0318	
1/16/2025	10:45	21.1	0.0211	
1/16/2025	10:46	14.8	0.0148	
1/16/2025	10:47	19.8	0.0198	
1/16/2025	10:48	15.3	0.0153	
1/16/2025	10:49	14.7	0.0147	

1/16/2025	10:50	20.8	0.0208	
1/16/2025	10:51	15.9	0.0159	
1/16/2025	10:52	18	0.018	
1/16/2025	10:53	15.8	0.0158	
1/16/2025	10:54	23.2	0.0232	
1/16/2025	10:55	18.3	0.0183	
1/16/2025	10:56	17	0.017	
1/16/2025	10:57	24.2	0.0242	
1/16/2025	10:58	57.7	0.0577	0.021893333
1/16/2025	10:59	35.7	0.0357	
1/16/2025	11:00	52.1	0.0521	
1/16/2025	11:01	19.6	0.0196	
1/16/2025	11:02	28.8	0.0288	
1/16/2025	11:03	30.2	0.0302	
1/16/2025	11:04	38.6	0.0386	
1/16/2025	11:05	25.6	0.0256	
1/16/2025	11:06	19.1	0.0191	
1/16/2025	11:07	21	0.021	
1/16/2025	11:08	30.7	0.0307	
1/16/2025	11:09	24.1	0.0241	
1/16/2025	11:10	34.3	0.0343	
1/16/2025	11:11	29.5	0.0295	
1/16/2025	11:12	29.3	0.0293	
1/16/2025	11:13	31.4	0.0314	0.03
1/16/2025	11:14	44.1	0.0441	
1/16/2025	11:15	47	0.047	
1/16/2025	11:16	23.2	0.0232	
1/16/2025	11:17	25.4	0.0254	
1/16/2025	11:18	21.1	0.0211	
1/16/2025	11:19	20.4	0.0204	
1/16/2025	11:20	20.4	0.0204	
1/16/2025	11:21	16	0.016	
1/16/2025	11:22	35.9	0.0359	
1/16/2025	11:23	24.4	0.0244	
1/16/2025	11:24	26.7	0.0267	
1/16/2025	11:25	29.2	0.0292	
1/16/2025	11:26	64.1	0.0641	
1/16/2025	11:27	43.6	0.0436	
1/16/2025	11:28	29.5	0.0295	0.0314
1/16/2025	11:29	19.3	0.0193	
1/16/2025	11:30	28.7	0.0287	
1/16/2025	11:31	21.6	0.0216	
1/16/2025	11:32	18	0.018	
1/16/2025	11:33	22.2	0.0222	

1/16/2025	11:34	25.8	0.0258
1/16/2025	11:35	24.7	0.0247

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15 minue average (mg/m^3)
1/16/2025	7:14	21.1	0.0211	
1/16/2025	7:15	21.6	0.0216	
1/16/2025	7:16	28.8	0.0288	
1/16/2025	7:17	131.2	0.1312	
1/16/2025	7:18	22.3	0.0223	
1/16/2025	7:19	15.5	0.0155	
1/16/2025	7:20	20	0.02	
1/16/2025	7:21	55.6	0.0556	
1/16/2025	7:22	159.2	0.1592	
1/16/2025	7:23	179.2	0.1792	
1/16/2025	7:24	199.1	0.1991	
1/16/2025	7:25	74.5	0.0745	
1/16/2025	7:26	57.1	0.0571	
1/16/2025	7:27	69.2	0.0692	
1/16/2025	7:28	480.1	0.4801	0.1023
1/16/2025	7:29	38.1	0.0381	
1/16/2025	7:30	284.2	0.2842	
1/16/2025	7:31	99.1	0.0991	
1/16/2025	7:32	49.8	0.0498	
1/16/2025	7:33	192.1	0.1921	
1/16/2025	7:34	57.7	0.0577	
1/16/2025	7:35	83.1	0.0831	
1/16/2025	7:36	114.1	0.1141	
1/16/2025	7:37	55.9	0.0559	
1/16/2025	7:38	153.9	0.1539	
1/16/2025	7:39	76.4	0.0764	
1/16/2025	7:40	37.7	0.0377	
1/16/2025	7:41	35.1	0.0351	
1/16/2025	7:42	73.1	0.0731	
1/16/2025	7:43	83.1	0.0831	0.09556
1/16/2025	7:44	99.9	0.0999	
1/16/2025	7:45	152.2	0.1522	
1/16/2025	7:46	45.7	0.0457	
1/16/2025	7:47	29.4	0.0294	
1/16/2025	7:48	139.7	0.1397	
1/16/2025	7:49	186.5	0.1865	
1/16/2025	7:50	46.6	0.0466	
1/16/2025	7:51	149.1	0.1491	
1/16/2025	7:52	105.1	0.1051	
1/16/2025	7:53	74.3	0.0743	
1/16/2025	7:54	28.6	0.0286	

1/16/2025	7:55	30.3	0.0303	
1/16/2025	7:56	25.3	0.0253	
1/16/2025	7:57	81	0.081	
1/16/2025	7:58	18.2	0.0182	0.080793333
1/16/2025	7:59	59.5	0.0595	
1/16/2025	8:00	16.5	0.0165	
1/16/2025	8:01	25	0.025	
1/16/2025	8:02	25	0.025	
1/16/2025	8:03	20.5	0.0205	
1/16/2025	8:04	25.2	0.0252	
1/16/2025	8:05	17.7	0.0177	
1/16/2025	8:06	21.2	0.0212	
1/16/2025	8:07	24	0.024	
1/16/2025	8:08	18.1	0.0181	
1/16/2025	8:09	17.3	0.0173	
1/16/2025	8:10	14.5	0.0145	
1/16/2025	8:11	18.5	0.0185	
1/16/2025	8:12	28.4	0.0284	
1/16/2025	8:13	32.5	0.0325	0.02426
1/16/2025	8:14	23.3	0.0233	
1/16/2025	8:15	91.8	0.0918	
1/16/2025	8:16	22.9	0.0229	
1/16/2025	8:17	41.4	0.0414	
1/16/2025	8:18	27	0.027	
1/16/2025	8:19	32.5	0.0325	
1/16/2025	8:20	69.6	0.0696	
1/16/2025	8:21	36.5	0.0365	
1/16/2025	8:22	119.4	0.1194	
1/16/2025	8:23	160	0.16	
1/16/2025	8:24	102.9	0.1029	
1/16/2025	8:25	78.5	0.0785	
1/16/2025	8:26	96.3	0.0963	
1/16/2025	8:27	107.2	0.1072	
1/16/2025	8:28	78.8	0.0788	0.07254
1/16/2025	8:29	29.3	0.0293	
1/16/2025	8:30	83.7	0.0837	
1/16/2025	8:31	19.6	0.0196	
1/16/2025	8:32	23.1	0.0231	
1/16/2025	8:33	30.8	0.0308	
1/16/2025	8:34	43.4	0.0434	
1/16/2025	8:35	26.6	0.0266	
1/16/2025	8:36	29	0.029	
1/16/2025	8:37	23.3	0.0233	
1/16/2025	8:38	15.5	0.0155	

1/16/2025	8:39	18.1	0.0181	
1/16/2025	8:40	27.2	0.0272	
1/16/2025	8:41	25.3	0.0253	
1/16/2025	8:42	34.3	0.0343	
1/16/2025	8:43	58.8	0.0588	0.032533333
1/16/2025	8:44	36.8	0.0368	
1/16/2025	8:45	80.3	0.0803	
1/16/2025	8:46	62.9	0.0629	
1/16/2025	8:47	44.5	0.0445	
1/16/2025	8:48	21.9	0.0219	
1/16/2025	8:49	20.5	0.0205	
1/16/2025	8:50	31.8	0.0318	
1/16/2025	8:51	26.6	0.0266	
1/16/2025	8:52	41.3	0.0413	
1/16/2025	8:53	25.2	0.0252	
1/16/2025	8:54	32.9	0.0329	
1/16/2025	8:55	22	0.022	
1/16/2025	8:56	29.3	0.0293	
1/16/2025	8:57	24.6	0.0246	
1/16/2025	8:58	30.1	0.0301	0.03538
1/16/2025	8:59	22.5	0.0225	
1/16/2025	9:00	66.3	0.0663	
1/16/2025	9:01	37.4	0.0374	
1/16/2025	9:02	49.7	0.0497	
1/16/2025	9:03	23.2	0.0232	
1/16/2025	9:04	30.1	0.0301	
1/16/2025	9:05	39.6	0.0396	
1/16/2025	9:06	35.3	0.0353	
1/16/2025	9:07	49.7	0.0497	
1/16/2025	9:08	24.1	0.0241	
1/16/2025	9:09	36.4	0.0364	
1/16/2025	9:10	22.2	0.0222	
1/16/2025	9:11	30.4	0.0304	
1/16/2025	9:12	42.7	0.0427	
1/16/2025	9:13	51.6	0.0516	0.037413333
1/16/2025	9:14	39.5	0.0395	
1/16/2025	9:15	50.9	0.0509	
1/16/2025	9:16	258.9	0.2589	
1/16/2025	9:17	71.9	0.0719	
1/16/2025	9:18	22.2	0.0222	
1/16/2025	9:19	17.5	0.0175	
1/16/2025	9:20	177.3	0.1773	
1/16/2025	9:21	79.5	0.0795	
1/16/2025	9:22	56.7	0.0567	

1/16/2025	9:23	41.2	0.0412	
1/16/2025	9:24	33.3	0.0333	
1/16/2025	9:25	62.5	0.0625	
1/16/2025	9:26	86.1	0.0861	
1/16/2025	9:27	49.6	0.0496	
1/16/2025	9:28	57.5	0.0575	0.07364
1/16/2025	9:29	47.4	0.0474	
1/16/2025	9:30	35.9	0.0359	
1/16/2025	9:31	23.3	0.0233	
1/16/2025	9:32	30.1	0.0301	
1/16/2025	9:33	33.3	0.0333	
1/16/2025	9:34	33.9	0.0339	
1/16/2025	9:35	25.8	0.0258	
1/16/2025	9:36	26.2	0.0262	
1/16/2025	9:37	21.1	0.0211	
1/16/2025	9:38	25.5	0.0255	
1/16/2025	9:39	20.9	0.0209	
1/16/2025	9:40	21.5	0.0215	
1/16/2025	9:41	31.8	0.0318	
1/16/2025	9:42	23.9	0.0239	
1/16/2025	9:43	17.4	0.0174	0.027866667
1/16/2025	9:44	42.5	0.0425	
1/16/2025	9:45	251.7	0.2517	
1/16/2025	9:46	56.4	0.0564	
1/16/2025	9:47	48.1	0.0481	
1/16/2025	9:48	34.6	0.0346	
1/16/2025	9:49	41.7	0.0417	
1/16/2025	9:50	98.9	0.0989	
1/16/2025	9:51	37	0.037	
1/16/2025	9:52	86	0.086	
1/16/2025	9:53	32.3	0.0323	
1/16/2025	9:54	24.9	0.0249	
1/16/2025	9:55	25.6	0.0256	
1/16/2025	9:56	34.4	0.0344	
1/16/2025	9:57	54.3	0.0543	
1/16/2025	9:58	49.2	0.0492	0.061173333
1/16/2025	9:59	26.1	0.0261	
1/16/2025	10:00	44.7	0.0447	
1/16/2025	10:01	33.1	0.0331	
1/16/2025	10:02	45.9	0.0459	
1/16/2025	10:03	29.1	0.0291	
1/16/2025	10:04	36.6	0.0366	
1/16/2025	10:05	23.2	0.0232	
1/16/2025	10:06	25	0.025	

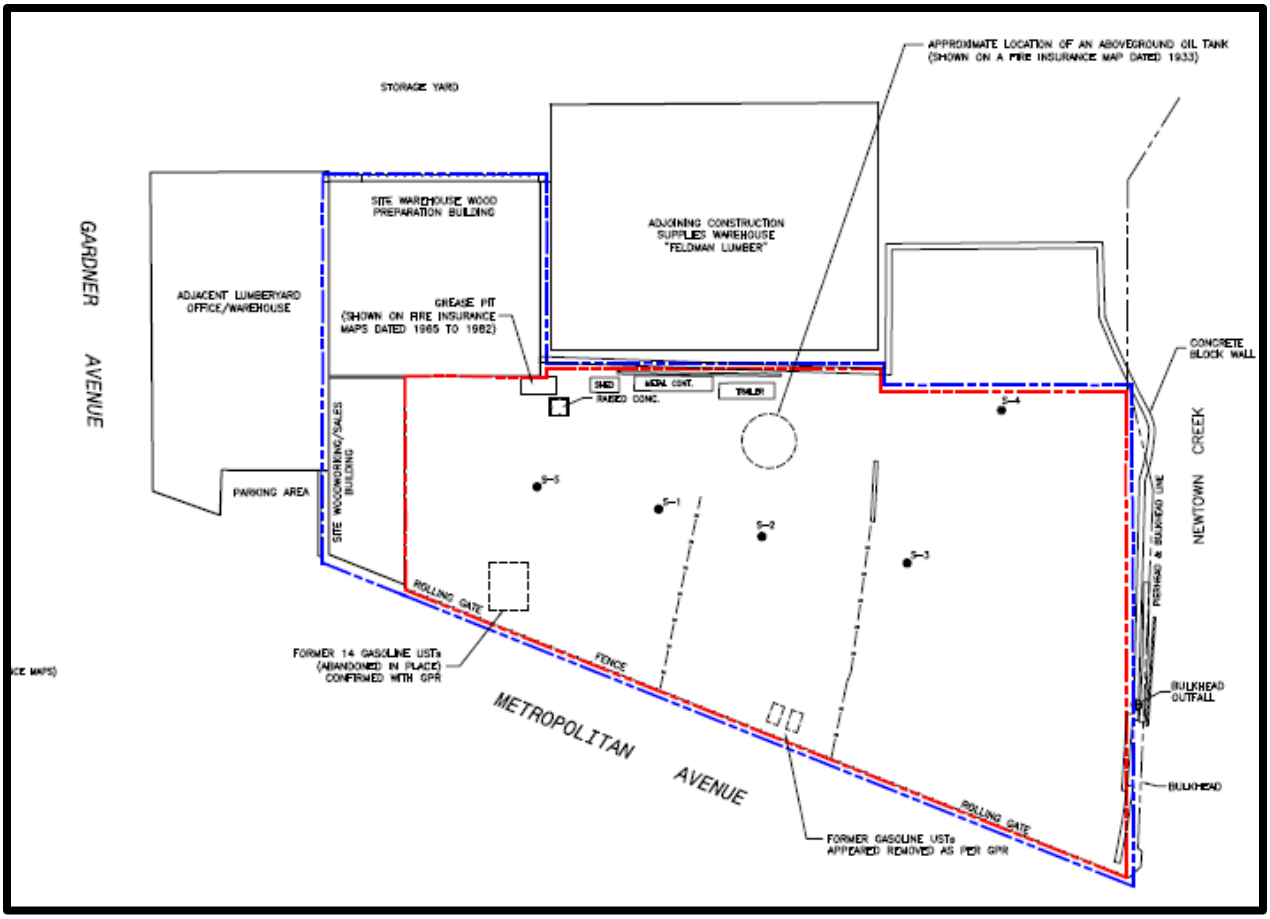
1/16/2025	10:07	27.5	0.0275	
1/16/2025	10:08	20.9	0.0209	
1/16/2025	10:09	23.8	0.0238	
1/16/2025	10:10	29.7	0.0297	
1/16/2025	10:11	31.9	0.0319	
1/16/2025	10:12	36	0.036	
1/16/2025	10:13	26.8	0.0268	0.030686667
1/16/2025	10:14	27.2	0.0272	
1/16/2025	10:15	21.5	0.0215	
1/16/2025	10:16	26.8	0.0268	
1/16/2025	10:17	24.7	0.0247	
1/16/2025	10:18	29.8	0.0298	
1/16/2025	10:19	44.4	0.0444	
1/16/2025	10:20	16.2	0.0162	
1/16/2025	10:21	28.9	0.0289	
1/16/2025	10:22	28.3	0.0283	
1/16/2025	10:23	22.9	0.0229	
1/16/2025	10:24	16.5	0.0165	
1/16/2025	10:25	22.9	0.0229	
1/16/2025	10:26	20.1	0.0201	
1/16/2025	10:27	18	0.018	
1/16/2025	10:28	165.3	0.1653	0.034233333
1/16/2025	10:29	190.8	0.1908	
1/16/2025	10:30	83.1	0.0831	
1/16/2025	10:31	55.7	0.0557	
1/16/2025	10:32	42.1	0.0421	
1/16/2025	10:33	36	0.036	
1/16/2025	10:34	91.7	0.0917	
1/16/2025	10:35	34.9	0.0349	
1/16/2025	10:36	44.4	0.0444	
1/16/2025	10:37	29.4	0.0294	
1/16/2025	10:38	30.9	0.0309	
1/16/2025	10:39	33	0.033	
1/16/2025	10:40	26.5	0.0265	
1/16/2025	10:41	41.3	0.0413	
1/16/2025	10:42	20.4	0.0204	
1/16/2025	10:43	34.9	0.0349	0.053006667
1/16/2025	10:44	225.7	0.2257	
1/16/2025	10:45	60.6	0.0606	
1/16/2025	10:46	54.2	0.0542	
1/16/2025	10:47	25.2	0.0252	
1/16/2025	10:48	26.9	0.0269	
1/16/2025	10:49	24.7	0.0247	
1/16/2025	10:50	33.6	0.0336	

1/16/2025	10:51	35.8	0.0358	
1/16/2025	10:52	49.6	0.0496	
1/16/2025	10:53	24.7	0.0247	
1/16/2025	10:54	40.6	0.0406	
1/16/2025	10:55	48	0.048	
1/16/2025	10:56	151	0.151	
1/16/2025	10:57	32.3	0.0323	
1/16/2025	10:58	60.1	0.0601	0.059533333
1/16/2025	10:59	30.3	0.0303	
1/16/2025	11:00	82.9	0.0829	
1/16/2025	11:01	82.9	0.0829	
1/16/2025	11:02	33.6	0.0336	
1/16/2025	11:03	30.6	0.0306	
1/16/2025	11:04	37.7	0.0377	
1/16/2025	11:05	57.4	0.0574	
1/16/2025	11:06	63	0.063	
1/16/2025	11:07	22.7	0.0227	
1/16/2025	11:08	25.8	0.0258	
1/16/2025	11:09	32	0.032	
1/16/2025	11:10	35.8	0.0358	
1/16/2025	11:11	62	0.062	
1/16/2025	11:12	52.7	0.0527	
1/16/2025	11:13	29.6	0.0296	0.045266667
1/16/2025	11:14	279.1	0.2791	
1/16/2025	11:15	76.2	0.0762	
1/16/2025	11:16	44.4	0.0444	
1/16/2025	11:17	23.5	0.0235	
1/16/2025	11:18	17	0.017	
1/16/2025	11:19	93.5	0.0935	
1/16/2025	11:20	123.9	0.1239	
1/16/2025	11:21	41.2	0.0412	
1/16/2025	11:22	32	0.032	
1/16/2025	11:23	32.8	0.0328	
1/16/2025	11:24	43.8	0.0438	

Daily Air Monitoring Report

January 20, 2025

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, NY 11237



Prepared for: 1301 Metro- 255, LLC
1301 Metro- Triple JQ, LLC
1301 Metro- Rudolph Q, LLC
213-19 99th Avenue
Queens Village, NY 11429

Prepared by: EnviroTrac Ltd.
5 Old Dock Road, Yaphank, NY 11980

DAILY STATUS REPORT

Prepared By: Dylan Moscarella

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32	x	32-50		50-70		70-85		>85	

Project No.:	NYSDEC Site# 224344	Winds From NW @ 5-10 mph	Date:	1/20/2025
Project Name:	1301 Metropolitan Avenue, Brooklyn, New York			

Consultant:
Dylan Moscarella
EnviroTrac Ltd.

Work Activities Performed (Since Last Report):

EnviroTrac personnel provided environmental oversight of the four (4) drywell cleanouts throughout the site. Community Air Monitoring Plan (CAMP) was performed during activities on site. CAMP equipment was placed at an upwind and downwind location in relation to the excavation and 15-minute averages were recorded during this period.

Air Monitoring

	Maximum 15 Minute Average	
	VOC's (ppm)	PM-10 (mg/m^3)
Construction Down Wind	0.0	0.0177
Construction Up Wind	0.0	0.0152

Exceedances (Since Last Report): No exceedances.

Problems Encountered: No problems encountered.

Planned Activities for the Next Day/ Week:
- Drywell cleanouts.

1/20/25

STORAGE YARD

APPROXIMATE LOCATION OF AN ABOVEGROUND OIL TANK (SHOWN ON A FIRE INSURANCE MAP DATED 1933)

SITE WAREHOUSE WOOD PREPARATION BUILDING

ADJOINING CONSTRUCTION SUPPLIES WAREHOUSE "FELDMAN LUMBER"

ADJACENT LUMBERYARD OFFICE/WAREHOUSE

GREASE PIT (SHOWN ON FIRE INSURANCE MAPS DATED 1885 TO 1982)

SHED

MTRL. CONT.

TRAILER

RAISED CONC.

CONCRETE BLOCK WALL

GARDNER AVENUE

PARKING AREA

SITE WOODWORKING/SALES BUILDING

ROLLING GATE

FENCE

FORMER 14 GASOLINE USTs (ABANDONED IN PLACE) CONFIRMED WITH GPR

METROPOLITAN AVENUE

FORMER GASOLINE USTs APPROVED REMOVED AS PER GPR

NEWTOWN CREEK

BULKHEAD OUTFALL

BULKHEAD

Daily Air Monitoring Log

Project Name: ~~Wagon~~ metro Ave

Date: 1/20/25

Project Location: 1301 Metropolitan Ave

Temperature: 28°

Wind Speed: 5-10 mph

Wind Direction: SE

Background Data: Upwind - PID 0.0 ppm

upwind Dust Meter 1 - 0.0052 mg/m^3

Downwind - PID 0.0 ppm

~~Dust Meter~~ 2 - 0.0083 mg/m^3 Downwind

Time	Downwind		Upwind		Workzone	
	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3
7:00	0.0		0.0			
7:15	0.0		0.0			
7:30	0.0					
7:45						
8:00						
8:15						
8:30						
8:45						
9:00						
9:15						
9:30						
9:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of drywell S-3 being cleaned out.

EnviroTrac

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15 minute average (mg/m^3)
1/20/2025	7:19	8.6	0.0086	
1/20/2025	7:20	6	0.006	
1/20/2025	7:21	7.4	0.0074	
1/20/2025	7:22	9	0.009	
1/20/2025	7:23	7.4	0.0074	
1/20/2025	7:24	5.6	0.0056	
1/20/2025	7:25	5.9	0.0059	
1/20/2025	7:26	5.4	0.0054	
1/20/2025	7:27	6.7	0.0067	
1/20/2025	7:28	7.7	0.0077	
1/20/2025	7:29	7	0.007	
1/20/2025	7:30	7.5	0.0075	
1/20/2025	7:31	6.3	0.0063	
1/20/2025	7:32	6.4	0.0064	
1/20/2025	7:33	7.6	0.0076	0.006966667
1/20/2025	7:34	8	0.008	
1/20/2025	7:35	5.7	0.0057	
1/20/2025	7:36	7.9	0.0079	
1/20/2025	7:37	7.4	0.0074	
1/20/2025	7:38	6.1	0.0061	
1/20/2025	7:39	7.4	0.0074	
1/20/2025	7:40	8	0.008	
1/20/2025	7:41	8.1	0.0081	
1/20/2025	7:42	10.3	0.0103	
1/20/2025	7:43	8.8	0.0088	
1/20/2025	7:44	7.8	0.0078	
1/20/2025	7:45	8.4	0.0084	
1/20/2025	7:46	5.9	0.0059	
1/20/2025	7:47	8.3	0.0083	
1/20/2025	7:48	6.5	0.0065	0.00764
1/20/2025	7:49	6.7	0.0067	
1/20/2025	7:50	7.2	0.0072	
1/20/2025	7:51	7.7	0.0077	
1/20/2025	7:52	8	0.008	
1/20/2025	7:53	7.1	0.0071	
1/20/2025	7:54	7.5	0.0075	
1/20/2025	7:55	15.9	0.0159	
1/20/2025	7:56	15.4	0.0154	
1/20/2025	7:57	8.7	0.0087	
1/20/2025	7:58	7.9	0.0079	

1/20/2025	7:59	10	0.01	
1/20/2025	8:00	11.6	0.0116	
1/20/2025	8:01	18.5	0.0185	
1/20/2025	8:02	10.7	0.0107	
1/20/2025	8:03	12.9	0.0129	0.010386667
1/20/2025	8:04	10.8	0.0108	
1/20/2025	8:05	9.6	0.0096	
1/20/2025	8:06	12.1	0.0121	
1/20/2025	8:07	8.8	0.0088	
1/20/2025	8:08	6.4	0.0064	
1/20/2025	8:09	11.1	0.0111	
1/20/2025	8:10	13.1	0.0131	
1/20/2025	8:11	9.9	0.0099	
1/20/2025	8:12	10.9	0.0109	
1/20/2025	8:13	12.1	0.0121	
1/20/2025	8:14	12.4	0.0124	
1/20/2025	8:15	9.4	0.0094	
1/20/2025	8:16	13.7	0.0137	
1/20/2025	8:17	8	0.008	
1/20/2025	8:18	7	0.007	0.010353333
1/20/2025	8:19	9.5	0.0095	
1/20/2025	8:20	7.1	0.0071	
1/20/2025	8:21	8.1	0.0081	
1/20/2025	8:22	6.6	0.0066	
1/20/2025	8:23	5.7	0.0057	
1/20/2025	8:24	5.2	0.0052	
1/20/2025	8:25	6.8	0.0068	
1/20/2025	8:26	6.2	0.0062	
1/20/2025	8:27	6.5	0.0065	
1/20/2025	8:28	6.9	0.0069	
1/20/2025	8:29	7	0.007	
1/20/2025	8:30	8.6	0.0086	
1/20/2025	8:31	5.2	0.0052	
1/20/2025	8:32	7.1	0.0071	
1/20/2025	8:33	8.3	0.0083	0.006986667
1/20/2025	8:34	7.3	0.0073	
1/20/2025	8:35	8.3	0.0083	
1/20/2025	8:36	7.5	0.0075	
1/20/2025	8:37	5.7	0.0057	
1/20/2025	8:38	6.6	0.0066	
1/20/2025	8:39	5.1	0.0051	
1/20/2025	8:40	6	0.006	
1/20/2025	8:41	6.7	0.0067	
1/20/2025	8:42	4.6	0.0046	

1/20/2025	8:43	6.3	0.0063	
1/20/2025	8:44	7	0.007	
1/20/2025	8:45	9.2	0.0092	
1/20/2025	8:46	7	0.007	
1/20/2025	8:47	8.6	0.0086	
1/20/2025	8:48	26	0.026	0.008126667
1/20/2025	8:49	25.5	0.0255	
1/20/2025	8:50	17.4	0.0174	
1/20/2025	8:51	17.1	0.0171	
1/20/2025	8:52	12.5	0.0125	
1/20/2025	8:53	15.4	0.0154	
1/20/2025	8:54	14.5	0.0145	
1/20/2025	8:55	10.8	0.0108	
1/20/2025	8:56	10.9	0.0109	
1/20/2025	8:57	9	0.009	
1/20/2025	8:58	7.3	0.0073	
1/20/2025	8:59	9.8	0.0098	
1/20/2025	9:00	8.7	0.0087	
1/20/2025	9:01	10.1	0.0101	
1/20/2025	9:02	8.3	0.0083	
1/20/2025	9:03	8.2	0.0082	0.012366667
1/20/2025	9:04	8.1	0.0081	
1/20/2025	9:05	6.7	0.0067	
1/20/2025	9:06	6.4	0.0064	
1/20/2025	9:07	8	0.008	
1/20/2025	9:08	8.3	0.0083	
1/20/2025	9:09	6.9	0.0069	
1/20/2025	9:10	7.7	0.0077	
1/20/2025	9:11	6.8	0.0068	
1/20/2025	9:12	8.8	0.0088	
1/20/2025	9:13	7.8	0.0078	
1/20/2025	9:14	8.2	0.0082	
1/20/2025	9:15	8.1	0.0081	
1/20/2025	9:16	8.2	0.0082	
1/20/2025	9:17	8.9	0.0089	
1/20/2025	9:18	8.8	0.0088	0.007846667
1/20/2025	9:19	7.1	0.0071	
1/20/2025	9:20	10.1	0.0101	
1/20/2025	9:21	9.1	0.0091	
1/20/2025	9:22	7.8	0.0078	
1/20/2025	9:23	6.6	0.0066	
1/20/2025	9:24	6.9	0.0069	
1/20/2025	9:25	8.3	0.0083	
1/20/2025	9:26	8	0.008	

1/20/2025	9:27	7.5	0.0075	
1/20/2025	9:28	7.6	0.0076	
1/20/2025	9:29	5.3	0.0053	
1/20/2025	9:30	6.7	0.0067	
1/20/2025	9:31	8.7	0.0087	
1/20/2025	9:32	7.1	0.0071	
1/20/2025	9:33	9.9	0.0099	0.00778
1/20/2025	9:34	11.4	0.0114	
1/20/2025	9:35	9.1	0.0091	
1/20/2025	9:36	7.5	0.0075	
1/20/2025	9:37	8	0.008	
1/20/2025	9:38	7.7	0.0077	
1/20/2025	9:39	7.7	0.0077	
1/20/2025	9:40	4.3	0.0043	
1/20/2025	9:41	7.7	0.0077	
1/20/2025	9:42	6.6	0.0066	
1/20/2025	9:43	8.7	0.0087	
1/20/2025	9:44	8.2	0.0082	
1/20/2025	9:45	8.3	0.0083	
1/20/2025	9:46	11.7	0.0117	
1/20/2025	9:47	6.9	0.0069	
1/20/2025	9:48	7.1	0.0071	0.00806
1/20/2025	9:49	8.5	0.0085	
1/20/2025	9:50	10.5	0.0105	
1/20/2025	9:51	5.8	0.0058	
1/20/2025	9:52	6.9	0.0069	
1/20/2025	9:53	7	0.007	
1/20/2025	9:54	7.8	0.0078	
1/20/2025	9:55	7.5	0.0075	
1/20/2025	9:56	6.2	0.0062	
1/20/2025	9:57	7.2	0.0072	
1/20/2025	9:58	4.5	0.0045	
1/20/2025	9:59	6	0.006	
1/20/2025	10:00	6.6	0.0066	
1/20/2025	10:01	7.4	0.0074	
1/20/2025	10:02	10.7	0.0107	
1/20/2025	10:03	8.8	0.0088	0.007426667
1/20/2025	10:04	8.7	0.0087	
1/20/2025	10:05	7.8	0.0078	
1/20/2025	10:06	8.5	0.0085	
1/20/2025	10:07	9.2	0.0092	
1/20/2025	10:08	12.7	0.0127	
1/20/2025	10:09	12.1	0.0121	
1/20/2025	10:10	12.4	0.0124	

1/20/2025	10:11	13.1	0.0131	
1/20/2025	10:12	11.2	0.0112	
1/20/2025	10:13	11.2	0.0112	
1/20/2025	10:14	10.2	0.0102	
1/20/2025	10:15	12.4	0.0124	
1/20/2025	10:16	10.1	0.0101	
1/20/2025	10:17	9.4	0.0094	
1/20/2025	10:18	11.1	0.0111	0.010673333
1/20/2025	10:19	9.9	0.0099	
1/20/2025	10:20	16.2	0.0162	
1/20/2025	10:21	11.1	0.0111	
1/20/2025	10:22	11.4	0.0114	
1/20/2025	10:23	15.7	0.0157	
1/20/2025	10:24	16.3	0.0163	
1/20/2025	10:25	11.6	0.0116	
1/20/2025	10:26	15.7	0.0157	
1/20/2025	10:27	11.4	0.0114	
1/20/2025	10:28	12.5	0.0125	
1/20/2025	10:29	8.9	0.0089	
1/20/2025	10:30	8.3	0.0083	
1/20/2025	10:31	11.8	0.0118	
1/20/2025	10:32	12.6	0.0126	
1/20/2025	10:33	7.5	0.0075	0.01206
1/20/2025	10:34	12.8	0.0128	
1/20/2025	10:35	18.5	0.0185	
1/20/2025	10:36	16.2	0.0162	
1/20/2025	10:37	11.3	0.0113	
1/20/2025	10:38	8.2	0.0082	
1/20/2025	10:39	22.9	0.0229	
1/20/2025	10:40	17.1	0.0171	
1/20/2025	10:41	17.3	0.0173	
1/20/2025	10:42	19	0.019	
1/20/2025	10:43	20.6	0.0206	
1/20/2025	10:44	23.9	0.0239	
1/20/2025	10:45	23.1	0.0231	
1/20/2025	10:46	13.9	0.0139	
1/20/2025	10:47	14.5	0.0145	
1/20/2025	10:48	16.4	0.0164	0.017046667
1/20/2025	10:49	23.2	0.0232	
1/20/2025	10:50	18	0.018	
1/20/2025	10:51	13.8	0.0138	
1/20/2025	10:52	8	0.008	
1/20/2025	10:53	8.5	0.0085	
1/20/2025	10:54	15.6	0.0156	

1/20/2025	10:55	17.3	0.0173	
1/20/2025	10:56	13.9	0.0139	
1/20/2025	10:57	10.9	0.0109	
1/20/2025	10:58	10.6	0.0106	
1/20/2025	10:59	14.2	0.0142	
1/20/2025	11:00	14	0.014	
1/20/2025	11:01	12.9	0.0129	
1/20/2025	11:02	8.3	0.0083	
1/20/2025	11:03	10	0.01	0.01328
1/20/2025	11:04	18.8	0.0188	
1/20/2025	11:05	12.8	0.0128	
1/20/2025	11:06	7.1	0.0071	
1/20/2025	11:07	9.3	0.0093	
1/20/2025	11:08	9.2	0.0092	
1/20/2025	11:09	9.9	0.0099	
1/20/2025	11:10	13.4	0.0134	
1/20/2025	11:11	10.6	0.0106	
1/20/2025	11:12	15.6	0.0156	
1/20/2025	11:13	17.4	0.0174	
1/20/2025	11:14	12.6	0.0126	
1/20/2025	11:15	29.2	0.0292	
1/20/2025	11:16	21.4	0.0214	
1/20/2025	11:17	15.2	0.0152	
1/20/2025	11:18	15.6	0.0156	0.01454
1/20/2025	11:19	17.1	0.0171	
1/20/2025	11:20	23.3	0.0233	
1/20/2025	11:21	19.7	0.0197	
1/20/2025	11:22	18.2	0.0182	
1/20/2025	11:23	17.9	0.0179	
1/20/2025	11:24	11.1	0.0111	
1/20/2025	11:25	12.2	0.0122	
1/20/2025	11:26	7.6	0.0076	
1/20/2025	11:27	11.2	0.0112	
1/20/2025	11:28	9.2	0.0092	
1/20/2025	11:29	13.4	0.0134	
1/20/2025	11:30	22.2	0.0222	
1/20/2025	11:31	13.3	0.0133	
1/20/2025	11:32	14.8	0.0148	
1/20/2025	11:33	14.9	0.0149	0.015073333
1/20/2025	11:34	16.9	0.0169	
1/20/2025	11:35	16.4	0.0164	
1/20/2025	11:36	14.6	0.0146	
1/20/2025	11:37	10.6	0.0106	
1/20/2025	11:38	9.7	0.0097	

1/20/2025	11:39	11.4	0.0114	
1/20/2025	11:40	19.3	0.0193	
1/20/2025	11:41	17	0.017	
1/20/2025	11:42	10	0.01	
1/20/2025	11:43	12.1	0.0121	
1/20/2025	11:44	10.8	0.0108	
1/20/2025	11:45	13.8	0.0138	
1/20/2025	11:46	15	0.015	
1/20/2025	11:47	13.9	0.0139	
1/20/2025	11:48	12	0.012	0.013566667
1/20/2025	11:49	11.7	0.0117	
1/20/2025	11:50	12.4	0.0124	
1/20/2025	11:51	11.7	0.0117	
1/20/2025	11:52	14.3	0.0143	
1/20/2025	11:53	11.5	0.0115	
1/20/2025	11:54	16.7	0.0167	
1/20/2025	11:55	13	0.013	
1/20/2025	11:56	11.4	0.0114	
1/20/2025	11:57	18.2	0.0182	
1/20/2025	11:58	10.8	0.0108	
1/20/2025	11:59	63.2	0.0632	
1/20/2025	12:00	13.4	0.0134	
1/20/2025	12:01	16.9	0.0169	
1/20/2025	12:02	9.3	0.0093	
1/20/2025	12:03	10.8	0.0108	0.016353333
1/20/2025	12:04	9.6	0.0096	
1/20/2025	12:05	9.4	0.0094	
1/20/2025	12:06	9.6	0.0096	
1/20/2025	12:07	8.5	0.0085	
1/20/2025	12:08	9.2	0.0092	
1/20/2025	12:09	12.7	0.0127	
1/20/2025	12:10	10.1	0.0101	
1/20/2025	12:11	13.7	0.0137	
1/20/2025	12:12	11.4	0.0114	
1/20/2025	12:13	15.9	0.0159	
1/20/2025	12:14	12.6	0.0126	
1/20/2025	12:15	14.5	0.0145	
1/20/2025	12:16	9.2	0.0092	
1/20/2025	12:17	10.9	0.0109	
1/20/2025	12:18	10.8	0.0108	0.011206667
1/20/2025	12:19	15.7	0.0157	
1/20/2025	12:20	12.4	0.0124	
1/20/2025	12:21	15.1	0.0151	
1/20/2025	12:22	12.2	0.0122	

1/20/2025	12:23	13.4	0.0134	
1/20/2025	12:24	15.7	0.0157	
1/20/2025	12:25	13.8	0.0138	
1/20/2025	12:26	22.9	0.0229	
1/20/2025	12:27	20.5	0.0205	
1/20/2025	12:28	22.8	0.0228	
1/20/2025	12:29	27.4	0.0274	
1/20/2025	12:30	29.5	0.0295	
1/20/2025	12:31	14.2	0.0142	
1/20/2025	12:32	17.2	0.0172	
1/20/2025	12:33	14.1	0.0141	0.017793333
1/20/2025	12:34	10.9	0.0109	
1/20/2025	12:35	8.9	0.0089	
1/20/2025	12:36	12.8	0.0128	
1/20/2025	12:37	14.5	0.0145	
1/20/2025	12:38	14.2	0.0142	
1/20/2025	12:39	13.1	0.0131	
1/20/2025	12:40	11.7	0.0117	
1/20/2025	12:41	12.4	0.0124	
1/20/2025	12:42	12.6	0.0126	
1/20/2025	12:43	14.6	0.0146	
1/20/2025	12:44	15.7	0.0157	
1/20/2025	12:45	14.6	0.0146	
1/20/2025	12:46	17	0.017	
1/20/2025	12:47	17.6	0.0176	
1/20/2025	12:48	14.7	0.0147	0.013686667
1/20/2025	12:49	12.7	0.0127	
1/20/2025	12:50	19.9	0.0199	
1/20/2025	12:51	14	0.014	
1/20/2025	12:52	12.4	0.0124	
1/20/2025	12:53	11.6	0.0116	
1/20/2025	12:54	11.3	0.0113	
1/20/2025	12:55	11.2	0.0112	
1/20/2025	12:56	12.3	0.0123	
1/20/2025	12:57	17.1	0.0171	
1/20/2025	12:58	21.5	0.0215	
1/20/2025	12:59	24.6	0.0246	
1/20/2025	13:00	18.5	0.0185	
1/20/2025	13:01	25.4	0.0254	
1/20/2025	13:02	29.3	0.0293	
1/20/2025	13:03	16.9	0.0169	0.017246667
1/20/2025	13:04	28.9	0.0289	
1/20/2025	13:05	17.2	0.0172	
1/20/2025	13:06	15.3	0.0153	

1/20/2025	13:07	15.2	0.0152	
1/20/2025	13:08	17.8	0.0178	
1/20/2025	13:09	10.1	0.0101	
1/20/2025	13:10	11.8	0.0118	
1/20/2025	13:11	12.5	0.0125	
1/20/2025	13:12	10	0.01	
1/20/2025	13:13	10	0.01	
1/20/2025	13:14	12.7	0.0127	
1/20/2025	13:15	12.7	0.0127	
1/20/2025	13:16	11	0.011	
1/20/2025	13:17	13.6	0.0136	
1/20/2025	13:18	14.7	0.0147	0.014233333
1/20/2025	13:19	12.3	0.0123	
1/20/2025	13:20	9.9	0.0099	
1/20/2025	13:21	10.1	0.0101	
1/20/2025	13:22	20.7	0.0207	
1/20/2025	13:23	17.7	0.0177	
1/20/2025	13:24	16.9	0.0169	
1/20/2025	13:25	15.4	0.0154	
1/20/2025	13:26	28.7	0.0287	
1/20/2025	13:27	17.4	0.0174	
1/20/2025	13:28	11.7	0.0117	
1/20/2025	13:29	12	0.012	
1/20/2025	13:30	13.3	0.0133	
1/20/2025	13:31	10.7	0.0107	
1/20/2025	13:32	12	0.012	
1/20/2025	13:33	8.7	0.0087	0.0145
1/20/2025	13:34	9.3	0.0093	
1/20/2025	13:35	11.5	0.0115	
1/20/2025	13:36	10.9	0.0109	
1/20/2025	13:37	11.3	0.0113	
1/20/2025	13:38	15.5	0.0155	
1/20/2025	13:39	12.7	0.0127	
1/20/2025	13:40	11.2	0.0112	
1/20/2025	13:41	12.5	0.0125	
1/20/2025	13:42	19.3	0.0193	
1/20/2025	13:43	14.2	0.0142	
1/20/2025	13:44	12.4	0.0124	
1/20/2025	13:45	12.9	0.0129	
1/20/2025	13:46	14.4	0.0144	
1/20/2025	13:47	7.5	0.0075	
1/20/2025	13:48	9.6	0.0096	0.012346667
1/20/2025	13:49	14.6	0.0146	
1/20/2025	13:50	17	0.017	

1/20/2025	13:51	17	0.017

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15 minute average (mg/m^3)
1/20/2025	7:17	6.1	0.0061	
1/20/2025	7:18	5.7	0.0057	
1/20/2025	7:19	6.3	0.0063	
1/20/2025	7:20	7.5	0.0075	
1/20/2025	7:21	5.4	0.0054	
1/20/2025	7:22	7.3	0.0073	
1/20/2025	7:23	5.2	0.0052	
1/20/2025	7:24	7.9	0.0079	
1/20/2025	7:25	5.9	0.0059	
1/20/2025	7:26	6	0.006	
1/20/2025	7:27	5.8	0.0058	
1/20/2025	7:28	6.5	0.0065	
1/20/2025	7:29	5	0.005	
1/20/2025	7:30	7.3	0.0073	
1/20/2025	7:31	6.6	0.0066	0.0063
1/20/2025	7:32	5.5	0.0055	
1/20/2025	7:33	6.4	0.0064	
1/20/2025	7:34	9	0.009	
1/20/2025	7:35	6.4	0.0064	
1/20/2025	7:36	8.6	0.0086	
1/20/2025	7:37	6.1	0.0061	
1/20/2025	7:38	6	0.006	
1/20/2025	7:39	5.5	0.0055	
1/20/2025	7:40	7.3	0.0073	
1/20/2025	7:41	7.7	0.0077	
1/20/2025	7:42	9	0.009	
1/20/2025	7:43	6.7	0.0067	
1/20/2025	7:44	5.9	0.0059	
1/20/2025	7:45	4.7	0.0047	
1/20/2025	7:46	4.2	0.0042	0.0066
1/20/2025	7:47	5.9	0.0059	
1/20/2025	7:48	6.5	0.0065	
1/20/2025	7:49	6.4	0.0064	
1/20/2025	7:50	5.4	0.0054	
1/20/2025	7:51	5.3	0.0053	
1/20/2025	7:52	4.1	0.0041	
1/20/2025	7:53	4.8	0.0048	
1/20/2025	7:54	5.3	0.0053	
1/20/2025	7:55	4.6	0.0046	

1/20/2025	7:56	5.2	0.0052	
1/20/2025	7:57	7	0.007	
1/20/2025	7:58	5.7	0.0057	
1/20/2025	7:59	8.7	0.0087	
1/20/2025	8:00	7.2	0.0072	
1/20/2025	8:01	5.6	0.0056	0.005846667
1/20/2025	8:02	6.1	0.0061	
1/20/2025	8:03	7.4	0.0074	
1/20/2025	8:04	7.7	0.0077	
1/20/2025	8:05	7.7	0.0077	
1/20/2025	8:06	6.7	0.0067	
1/20/2025	8:07	6.9	0.0069	
1/20/2025	8:08	7.1	0.0071	
1/20/2025	8:09	7	0.007	
1/20/2025	8:10	6.8	0.0068	
1/20/2025	8:11	7.3	0.0073	
1/20/2025	8:12	8.3	0.0083	
1/20/2025	8:13	10.1	0.0101	
1/20/2025	8:14	10.2	0.0102	
1/20/2025	8:15	10	0.01	
1/20/2025	8:16	9.3	0.0093	0.007906667
1/20/2025	8:17	8.2	0.0082	
1/20/2025	8:18	9.1	0.0091	
1/20/2025	8:19	8.4	0.0084	
1/20/2025	8:20	7.2	0.0072	
1/20/2025	8:21	7.1	0.0071	
1/20/2025	8:22	6.9	0.0069	
1/20/2025	8:23	5.7	0.0057	
1/20/2025	8:24	7.2	0.0072	
1/20/2025	8:25	5.9	0.0059	
1/20/2025	8:26	8.1	0.0081	
1/20/2025	8:27	5.9	0.0059	
1/20/2025	8:28	6.9	0.0069	
1/20/2025	8:29	7.5	0.0075	
1/20/2025	8:30	8.4	0.0084	
1/20/2025	8:31	5.7	0.0057	0.007213333
1/20/2025	8:32	6.4	0.0064	
1/20/2025	8:33	7.2	0.0072	
1/20/2025	8:34	7.4	0.0074	
1/20/2025	8:35	9	0.009	
1/20/2025	8:36	6.4	0.0064	
1/20/2025	8:37	6.4	0.0064	
1/20/2025	8:38	6.9	0.0069	
1/20/2025	8:39	5.1	0.0051	

1/20/2025	8:40	6.2	0.0062	
1/20/2025	8:41	4.4	0.0044	
1/20/2025	8:42	4.1	0.0041	
1/20/2025	8:43	4.4	0.0044	
1/20/2025	8:44	6.8	0.0068	
1/20/2025	8:45	7	0.007	
1/20/2025	8:46	9.7	0.0097	0.006493333
1/20/2025	8:47	11.7	0.0117	
1/20/2025	8:48	25.3	0.0253	
1/20/2025	8:49	16.4	0.0164	
1/20/2025	8:50	14.2	0.0142	
1/20/2025	8:51	18.2	0.0182	
1/20/2025	8:52	14.4	0.0144	
1/20/2025	8:53	15.9	0.0159	
1/20/2025	8:54	10.5	0.0105	
1/20/2025	8:55	8.2	0.0082	
1/20/2025	8:56	8.7	0.0087	
1/20/2025	8:57	8.9	0.0089	
1/20/2025	8:58	8	0.008	
1/20/2025	8:59	6.4	0.0064	
1/20/2025	9:00	6.8	0.0068	
1/20/2025	9:01	8.2	0.0082	0.01212
1/20/2025	9:02	5.5	0.0055	
1/20/2025	9:03	8.5	0.0085	
1/20/2025	9:04	7	0.007	
1/20/2025	9:05	6.5	0.0065	
1/20/2025	9:06	5.6	0.0056	
1/20/2025	9:07	7.3	0.0073	
1/20/2025	9:08	7	0.007	
1/20/2025	9:09	4.5	0.0045	
1/20/2025	9:10	7.8	0.0078	
1/20/2025	9:11	5.5	0.0055	
1/20/2025	9:12	9.8	0.0098	
1/20/2025	9:13	8.7	0.0087	
1/20/2025	9:14	6.1	0.0061	
1/20/2025	9:15	7.1	0.0071	
1/20/2025	9:16	5.5	0.0055	0.006826667
1/20/2025	9:17	10.1	0.0101	
1/20/2025	9:18	8.1	0.0081	
1/20/2025	9:19	6.6	0.0066	
1/20/2025	9:20	10.1	0.0101	
1/20/2025	9:21	8.9	0.0089	
1/20/2025	9:22	10.1	0.0101	
1/20/2025	9:23	6.3	0.0063	

1/20/2025	9:24	6.4	0.0064	
1/20/2025	9:25	6.2	0.0062	
1/20/2025	9:26	7.6	0.0076	
1/20/2025	9:27	5.2	0.0052	
1/20/2025	9:28	5.7	0.0057	
1/20/2025	9:29	7.6	0.0076	
1/20/2025	9:30	13.2	0.0132	
1/20/2025	9:31	10.4	0.0104	0.008166667
1/20/2025	9:32	8.2	0.0082	
1/20/2025	9:33	9.7	0.0097	
1/20/2025	9:34	8.3	0.0083	
1/20/2025	9:35	7.6	0.0076	
1/20/2025	9:36	8.1	0.0081	
1/20/2025	9:37	7.8	0.0078	
1/20/2025	9:38	6.6	0.0066	
1/20/2025	9:39	7.1	0.0071	
1/20/2025	9:40	7.7	0.0077	
1/20/2025	9:41	8.9	0.0089	
1/20/2025	9:42	9.7	0.0097	
1/20/2025	9:43	8.9	0.0089	
1/20/2025	9:44	7.8	0.0078	
1/20/2025	9:45	10.6	0.0106	
1/20/2025	9:46	6.9	0.0069	0.00826
1/20/2025	9:47	8.9	0.0089	
1/20/2025	9:48	7.9	0.0079	
1/20/2025	9:49	6.7	0.0067	
1/20/2025	9:50	9	0.009	
1/20/2025	9:51	7.4	0.0074	
1/20/2025	9:52	8.9	0.0089	
1/20/2025	9:53	7.9	0.0079	
1/20/2025	9:54	7.5	0.0075	
1/20/2025	9:55	6.7	0.0067	
1/20/2025	9:56	8.6	0.0086	
1/20/2025	9:57	6	0.006	
1/20/2025	9:58	5.8	0.0058	
1/20/2025	9:59	7.1	0.0071	
1/20/2025	10:00	8.2	0.0082	
1/20/2025	10:01	10.8	0.0108	0.007826667
1/20/2025	10:02	13.3	0.0133	
1/20/2025	10:03	11.1	0.0111	
1/20/2025	10:04	8	0.008	
1/20/2025	10:05	6.6	0.0066	
1/20/2025	10:06	6.2	0.0062	
1/20/2025	10:07	6.8	0.0068	

1/20/2025	10:08	8.6	0.0086	
1/20/2025	10:09	8.9	0.0089	
1/20/2025	10:10	8.4	0.0084	
1/20/2025	10:11	11.2	0.0112	
1/20/2025	10:12	7.9	0.0079	
1/20/2025	10:13	10	0.01	
1/20/2025	10:14	7.7	0.0077	
1/20/2025	10:15	9.9	0.0099	
1/20/2025	10:16	6.3	0.0063	0.008726667
1/20/2025	10:17	9.1	0.0091	
1/20/2025	10:18	8.3	0.0083	
1/20/2025	10:19	8.3	0.0083	
1/20/2025	10:20	10.4	0.0104	
1/20/2025	10:21	10.5	0.0105	
1/20/2025	10:22	10.7	0.0107	
1/20/2025	10:23	10.7	0.0107	
1/20/2025	10:24	12.7	0.0127	
1/20/2025	10:25	16.1	0.0161	
1/20/2025	10:26	8.3	0.0083	
1/20/2025	10:27	9.4	0.0094	
1/20/2025	10:28	10	0.01	
1/20/2025	10:29	10.1	0.0101	
1/20/2025	10:30	7.4	0.0074	
1/20/2025	10:31	12	0.012	0.010266667
1/20/2025	10:32	11.4	0.0114	
1/20/2025	10:33	9.4	0.0094	
1/20/2025	10:34	14.6	0.0146	
1/20/2025	10:35	14.4	0.0144	
1/20/2025	10:36	11.5	0.0115	
1/20/2025	10:37	14.2	0.0142	
1/20/2025	10:38	11.8	0.0118	
1/20/2025	10:39	13.9	0.0139	
1/20/2025	10:40	11.1	0.0111	
1/20/2025	10:41	10.1	0.0101	
1/20/2025	10:42	17.4	0.0174	
1/20/2025	10:43	21.1	0.0211	
1/20/2025	10:44	19.9	0.0199	
1/20/2025	10:45	26	0.026	
1/20/2025	10:46	13.4	0.0134	0.01468
1/20/2025	10:47	12.9	0.0129	
1/20/2025	10:48	15.6	0.0156	
1/20/2025	10:49	17.1	0.0171	
1/20/2025	10:50	12.7	0.0127	
1/20/2025	10:51	12.6	0.0126	

1/20/2025	10:52	9.8	0.0098	
1/20/2025	10:53	9.6	0.0096	
1/20/2025	10:54	13.8	0.0138	
1/20/2025	10:55	18.9	0.0189	
1/20/2025	10:56	15.3	0.0153	
1/20/2025	10:57	16	0.016	
1/20/2025	10:58	22	0.022	
1/20/2025	10:59	16.6	0.0166	
1/20/2025	11:00	11.8	0.0118	
1/20/2025	11:01	11.4	0.0114	0.014406667
1/20/2025	11:02	9.2	0.0092	
1/20/2025	11:03	13.9	0.0139	
1/20/2025	11:04	10.9	0.0109	
1/20/2025	11:05	7.4	0.0074	
1/20/2025	11:06	10.8	0.0108	
1/20/2025	11:07	11.8	0.0118	
1/20/2025	11:08	10	0.01	
1/20/2025	11:09	8.9	0.0089	
1/20/2025	11:10	7.3	0.0073	
1/20/2025	11:11	10.5	0.0105	
1/20/2025	11:12	12.2	0.0122	
1/20/2025	11:13	14	0.014	
1/20/2025	11:14	11.6	0.0116	
1/20/2025	11:15	11.5	0.0115	
1/20/2025	11:16	14.6	0.0146	0.010973333
1/20/2025	11:17	14.5	0.0145	
1/20/2025	11:18	14.3	0.0143	
1/20/2025	11:19	19.4	0.0194	
1/20/2025	11:20	17.8	0.0178	
1/20/2025	11:21	16.3	0.0163	
1/20/2025	11:22	14.8	0.0148	
1/20/2025	11:23	11.8	0.0118	
1/20/2025	11:24	8.2	0.0082	
1/20/2025	11:25	14	0.014	
1/20/2025	11:26	8.8	0.0088	
1/20/2025	11:27	9.2	0.0092	
1/20/2025	11:28	10.2	0.0102	
1/20/2025	11:29	9.5	0.0095	
1/20/2025	11:30	16.6	0.0166	
1/20/2025	11:31	18.1	0.0181	0.013566667
1/20/2025	11:32	20.4	0.0204	
1/20/2025	11:33	13.4	0.0134	
1/20/2025	11:34	12.3	0.0123	
1/20/2025	11:35	11	0.011	

1/20/2025	11:36	18.5	0.0185	
1/20/2025	11:37	7.6	0.0076	
1/20/2025	11:38	7.8	0.0078	
1/20/2025	11:39	12.5	0.0125	
1/20/2025	11:40	27	0.027	
1/20/2025	11:41	20.3	0.0203	
1/20/2025	11:42	12.8	0.0128	
1/20/2025	11:43	11.4	0.0114	
1/20/2025	11:44	9.9	0.0099	
1/20/2025	11:45	11.5	0.0115	
1/20/2025	11:46	9.2	0.0092	0.013706667
1/20/2025	11:47	13.8	0.0138	
1/20/2025	11:48	13.2	0.0132	
1/20/2025	11:49	15.1	0.0151	
1/20/2025	11:50	11.7	0.0117	
1/20/2025	11:51	12.2	0.0122	
1/20/2025	11:52	11.7	0.0117	
1/20/2025	11:53	17.8	0.0178	
1/20/2025	11:54	12.3	0.0123	
1/20/2025	11:55	13.6	0.0136	
1/20/2025	11:56	15.4	0.0154	
1/20/2025	11:57	17.3	0.0173	
1/20/2025	11:58	16.7	0.0167	
1/20/2025	11:59	30.4	0.0304	
1/20/2025	12:00	17.1	0.0171	
1/20/2025	12:01	10.4	0.0104	0.015246667
1/20/2025	12:02	10.6	0.0106	
1/20/2025	12:03	7.1	0.0071	
1/20/2025	12:04	7.7	0.0077	
1/20/2025	12:05	8.6	0.0086	
1/20/2025	12:06	10	0.01	
1/20/2025	12:07	10.4	0.0104	
1/20/2025	12:08	10	0.01	
1/20/2025	12:09	9.7	0.0097	
1/20/2025	12:10	12.2	0.0122	
1/20/2025	12:11	12.7	0.0127	
1/20/2025	12:12	14.8	0.0148	
1/20/2025	12:13	18.5	0.0185	
1/20/2025	12:14	11.5	0.0115	
1/20/2025	12:15	11	0.011	
1/20/2025	12:16	12.3	0.0123	0.01114
1/20/2025	12:17	12.5	0.0125	
1/20/2025	12:18	17.2	0.0172	
1/20/2025	12:19	12	0.012	

1/20/2025	12:20	10.7	0.0107	
1/20/2025	12:21	11.9	0.0119	
1/20/2025	12:22	9.5	0.0095	
1/20/2025	12:23	11.8	0.0118	
1/20/2025	12:24	13.2	0.0132	
1/20/2025	12:25	15.6	0.0156	
1/20/2025	12:26	13.9	0.0139	
1/20/2025	12:27	19.3	0.0193	
1/20/2025	12:28	18.6	0.0186	
1/20/2025	12:29	21.1	0.0211	
1/20/2025	12:30	17.8	0.0178	
1/20/2025	12:31	15	0.015	0.014673333
1/20/2025	12:32	10.5	0.0105	
1/20/2025	12:33	8.7	0.0087	
1/20/2025	12:34	12.5	0.0125	
1/20/2025	12:35	8.5	0.0085	
1/20/2025	12:36	12.3	0.0123	
1/20/2025	12:37	10.4	0.0104	
1/20/2025	12:38	9.7	0.0097	
1/20/2025	12:39	6.8	0.0068	
1/20/2025	12:40	16.3	0.0163	
1/20/2025	12:41	10	0.01	
1/20/2025	12:42	13.4	0.0134	
1/20/2025	12:43	14.3	0.0143	
1/20/2025	12:44	13.3	0.0133	
1/20/2025	12:45	13.5	0.0135	
1/20/2025	12:46	13.2	0.0132	0.01156
1/20/2025	12:47	10.6	0.0106	
1/20/2025	12:48	14.4	0.0144	
1/20/2025	12:49	14.1	0.0141	
1/20/2025	12:50	13.2	0.0132	
1/20/2025	12:51	13.4	0.0134	
1/20/2025	12:52	10.8	0.0108	
1/20/2025	12:53	8.4	0.0084	
1/20/2025	12:54	9.4	0.0094	
1/20/2025	12:55	11	0.011	
1/20/2025	12:56	10.9	0.0109	
1/20/2025	12:57	10.7	0.0107	
1/20/2025	12:58	15.5	0.0155	
1/20/2025	12:59	14.5	0.0145	
1/20/2025	13:00	14.3	0.0143	
1/20/2025	13:01	22.6	0.0226	0.01292
1/20/2025	13:02	25.9	0.0259	
1/20/2025	13:03	16.2	0.0162	

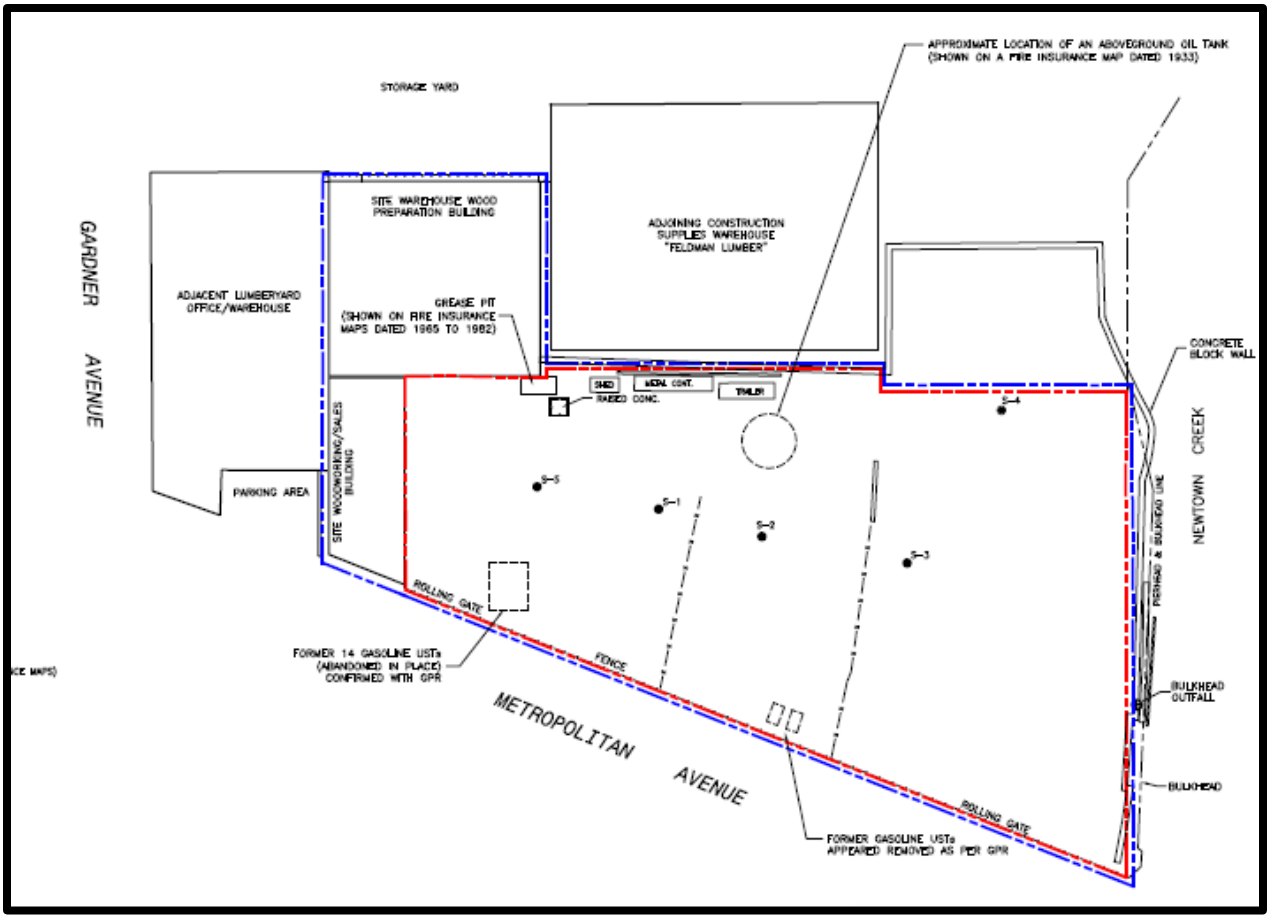
1/20/2025	13:04	10	0.01	
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1/20/2025	13:06	10.8	0.0108	
1/20/2025	13:07	12.8	0.0128	
1/20/2025	13:08	10.4	0.0104	
1/20/2025	13:09	4.8	0.0048	
1/20/2025	13:10	7.8	0.0078	
1/20/2025	13:11	5.3	0.0053	
1/20/2025	13:12	6.9	0.0069	
1/20/2025	13:13	11.9	0.0119	
1/20/2025	13:14	13.2	0.0132	
1/20/2025	13:15	10.5	0.0105	
1/20/2025	13:16	7.5	0.0075	0.010986667
1/20/2025	13:17	7.8	0.0078	
1/20/2025	13:18	12.5	0.0125	
1/20/2025	13:19	9.4	0.0094	
1/20/2025	13:20	10.6	0.0106	
1/20/2025	13:21	14.3	0.0143	
1/20/2025	13:22	18.7	0.0187	
1/20/2025	13:23	17.6	0.0176	
1/20/2025	13:24	19	0.019	
1/20/2025	13:25	20.7	0.0207	
1/20/2025	13:26	16.3	0.0163	
1/20/2025	13:27	16.4	0.0164	
1/20/2025	13:28	10.2	0.0102	
1/20/2025	13:29	11.5	0.0115	
1/20/2025	13:30	10.5	0.0105	
1/20/2025	13:31	13	0.013	0.0139
1/20/2025	13:32	11.9	0.0119	
1/20/2025	13:33	14.4	0.0144	
1/20/2025	13:34	8.2	0.0082	
1/20/2025	13:35	10.3	0.0103	
1/20/2025	13:36	12.9	0.0129	
1/20/2025	13:37	10.9	0.0109	
1/20/2025	13:38	15.1	0.0151	
1/20/2025	13:39	15.3	0.0153	
1/20/2025	13:40	12.3	0.0123	
1/20/2025	13:41	13.6	0.0136	
1/20/2025	13:42	12.3	0.0123	
1/20/2025	13:43	12.4	0.0124	
1/20/2025	13:44	13.2	0.0132	
1/20/2025	13:45	14.5	0.0145	
1/20/2025	13:46	13.7	0.0137	0.012733333
1/20/2025	13:47	8.8	0.0088	

1/20/2025	13:48	9.2	0.0092
1/20/2025	13:49	16.9	0.0169
1/20/2025	13:50	15.5	0.0155

Daily Air Monitoring Report

January 21, 2025

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, NY 11237



Prepared for: 1301 Metro- 255, LLC
1301 Metro- Triple JQ, LLC
1301 Metro- Rudolph Q, LLC
213-19 99th Avenue
Queens Village, NY 11429

Prepared by: EnviroTrac Ltd.
5 Old Dock Road, Yaphank, NY 11980

DAILY STATUS REPORT

Prepared By: Dylan Moscarella

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32	x	32-50		50-70		70-85		>85	

Project No.:	NYSDEC Site # 224344	Winds From W @ 10 mph	Date:	1/21/2025
Project Name:	1301 Metropolitan Avenue, Brooklyn, New York			

Consultant:
Dylan Moscarella
EnviroTrac Ltd.

Work Activities Performed (Since Last Report): EnviroTrac personnel provided environmental oversight of the four (4) drywell cleanouts throughout the site. Community Air Monitoring Plan (CAMP) was performed during activities on site. CAMP equipment was placed at an upwind and downwind location in relation to the excavation and 15-minute averages were recorded during this period. Depth to product and depth to water measurements were collected for MW-10. Light non-aqueous phase liquid (LNAPL) was detected in MW-10. An enhanced fluid recovery (EFR) event was scheduled.

Air Monitoring

	Maximum 15 Minute Average	
	VOC's (ppm)	PM-10 (mg/m^3)
Construction Down Wind	0.0	0.127
Construction Up Wind	0.0	0.0345

Exceedances (Since Last Report): One (1) dust exceedance at the downwind station. Exceedance occurred from 10:25-10:39 (0.127 mg/m^3). Work was paused until dust levels reduced to acceptable levels and then work was restarted.

Problems Encountered: No problems encountered.

Planned Activities for the Next Day/ Week:
- Conduct an enhanced fluid recovery (EFR) event at MW-10.

1/21/25

APPROXIMATE LOCATION OF AN ABOVEGROUND OIL TANK (SHOWN ON A FIRE INSURANCE MAP DATED 1933)

STORAGE YARD

SITE WAREHOUSE WOOD PREPARATION BUILDING

ADJOINING CONSTRUCTION SUPPLIES WAREHOUSE "FELDMAN LUMBER"

ADJACENT LUMBERYARD OFFICE/WAREHOUSE

GREASE PIT (SHOWN ON FIRE INSURANCE MAPS DATED 1965 TO 1982)

SHED

METAL CONT.

TRAILER

RAISED CONC.

CONCRETE BLOCK WALL

GARDNER AVENUE

SITE WOODWORKING/SALES BUILDING

PARKING AREA

CREEK

NEWTOWN

REPAIRED & RELOCATED LINE

ROLLING GATE

FENCE

FORMER 14 GASOLINE USTs (ABANDONED IN PLACE) CONFIRMED WITH GPR

METROPOLITAN AVENUE

BULKHEAD OUTFALL

BULKHEAD

ROLLING GATE

FORMER GASOLINE USTs APPROVED REMOVED AS PER GPR

ICE MAPS)

Daily Air Monitoring Log

Project Name: Metro

Date: 1/21/25

Project Location: 1301 Metropolitan Ave

Temperature: 17°

Wind Speed: 10mph

Wind Direction: E

Background Data: Upwind - PID 0.0 ppm

Upwind

~~Dust Meter 1~~ - 0.0226 mg/m^3

Downwind - PID 0.0 ppm

~~Dust Meter 2~~ - 0.0254 mg/m^3

Downwind

Time	Downwind		Upwind		Workzone	
	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3
7:00	0.0		0.0			
7:15						
7:30						
7:45						
8:00						
8:15						
8:30						
8:45						
9:00						
9:15						
9:30						
9:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of drywell S-1 being cleaned out.



On-site roll-off used for containerizing waste removed from drywells.

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15 minute average (mg/m^3)
1/21/2025	7:25	40.1	0.0401	
1/21/2025	7:26	40.9	0.0409	
1/21/2025	7:27	60.9	0.0609	
1/21/2025	7:28	84.2	0.0842	
1/21/2025	7:29	72.5	0.0725	
1/21/2025	7:30	52.1	0.0521	
1/21/2025	7:31	82.6	0.0826	
1/21/2025	7:32	40.8	0.0408	
1/21/2025	7:33	18.8	0.0188	
1/21/2025	7:34	49.9	0.0499	
1/21/2025	7:35	50.5	0.0505	
1/21/2025	7:36	78.5	0.0785	
1/21/2025	7:37	66.8	0.0668	
1/21/2025	7:38	76.8	0.0768	
1/21/2025	7:39	51.3	0.0513	0.05778
1/21/2025	7:40	38.5	0.0385	
1/21/2025	7:41	48.6	0.0486	
1/21/2025	7:42	91.1	0.0911	
1/21/2025	7:43	64.9	0.0649	
1/21/2025	7:44	38.6	0.0386	
1/21/2025	7:45	31.2	0.0312	
1/21/2025	7:46	46.9	0.0469	
1/21/2025	7:47	75.9	0.0759	
1/21/2025	7:48	56.3	0.0563	
1/21/2025	7:49	59.5	0.0595	
1/21/2025	7:50	71.8	0.0718	
1/21/2025	7:51	49	0.049	
1/21/2025	7:52	42.5	0.0425	
1/21/2025	7:53	38.5	0.0385	
1/21/2025	7:54	34.2	0.0342	0.0525
1/21/2025	7:55	31.6	0.0316	
1/21/2025	7:56	25.5	0.0255	
1/21/2025	7:57	52.6	0.0526	
1/21/2025	7:58	89.6	0.0896	
1/21/2025	7:59	58	0.058	
1/21/2025	8:00	51.9	0.0519	
1/21/2025	8:01	44.5	0.0445	
1/21/2025	8:02	88.3	0.0883	
1/21/2025	8:03	50.3	0.0503	
1/21/2025	8:04	38.6	0.0386	

1/21/2025	8:05	52	0.052	
1/21/2025	8:06	39.4	0.0394	
1/21/2025	8:07	41.8	0.0418	
1/21/2025	8:08	51.2	0.0512	
1/21/2025	8:09	88.7	0.0887	0.0536
1/21/2025	8:10	58.4	0.0584	
1/21/2025	8:11	51.5	0.0515	
1/21/2025	8:12	65.5	0.0655	
1/21/2025	8:13	86.1	0.0861	
1/21/2025	8:14	91.6	0.0916	
1/21/2025	8:15	78.8	0.0788	
1/21/2025	8:16	74	0.074	
1/21/2025	8:17	73.3	0.0733	
1/21/2025	8:18	84.6	0.0846	
1/21/2025	8:19	118.2	0.1182	
1/21/2025	8:20	58.2	0.0582	
1/21/2025	8:21	52.7	0.0527	
1/21/2025	8:22	53.5	0.0535	
1/21/2025	8:23	48.2	0.0482	
1/21/2025	8:24	44.1	0.0441	0.069246667
1/21/2025	8:25	112.2	0.1122	
1/21/2025	8:26	65.8	0.0658	
1/21/2025	8:27	74	0.074	
1/21/2025	8:28	80.8	0.0808	
1/21/2025	8:29	96.6	0.0966	
1/21/2025	8:30	58.5	0.0585	
1/21/2025	8:31	72.1	0.0721	
1/21/2025	8:32	68.6	0.0686	
1/21/2025	8:33	83	0.083	
1/21/2025	8:34	64.8	0.0648	
1/21/2025	8:35	53.9	0.0539	
1/21/2025	8:36	68.1	0.0681	
1/21/2025	8:37	103.6	0.1036	
1/21/2025	8:38	75.9	0.0759	
1/21/2025	8:39	84.2	0.0842	0.077473333
1/21/2025	8:40	71.6	0.0716	
1/21/2025	8:41	101.2	0.1012	
1/21/2025	8:42	61.9	0.0619	
1/21/2025	8:43	61.5	0.0615	
1/21/2025	8:44	55.2	0.0552	
1/21/2025	8:45	52.2	0.0522	
1/21/2025	8:46	90.1	0.0901	
1/21/2025	8:47	77	0.077	
1/21/2025	8:48	65.4	0.0654	

1/21/2025	8:49	108.1	0.1081	
1/21/2025	8:50	88.8	0.0888	
1/21/2025	8:51	80	0.08	
1/21/2025	8:52	57.5	0.0575	
1/21/2025	8:53	173.5	0.1735	
1/21/2025	8:54	76	0.076	0.081333333
1/21/2025	8:55	83.3	0.0833	
1/21/2025	8:56	48.5	0.0485	
1/21/2025	8:57	34.3	0.0343	
1/21/2025	8:58	163.7	0.1637	
1/21/2025	8:59	39.6	0.0396	
1/21/2025	9:00	89.3	0.0893	
1/21/2025	9:01	50.3	0.0503	
1/21/2025	9:02	54.4	0.0544	
1/21/2025	9:03	30.4	0.0304	
1/21/2025	9:04	25.4	0.0254	
1/21/2025	9:05	34.4	0.0344	
1/21/2025	9:06	25.7	0.0257	
1/21/2025	9:07	35.2	0.0352	
1/21/2025	9:08	78.4	0.0784	
1/21/2025	9:09	57.6	0.0576	0.0567
1/21/2025	9:10	38.5	0.0385	
1/21/2025	9:11	68.3	0.0683	
1/21/2025	9:12	71.3	0.0713	
1/21/2025	9:13	37.4	0.0374	
1/21/2025	9:14	45	0.045	
1/21/2025	9:15	41.7	0.0417	
1/21/2025	9:16	58.1	0.0581	
1/21/2025	9:17	41.8	0.0418	
1/21/2025	9:18	31.7	0.0317	
1/21/2025	9:19	39.5	0.0395	
1/21/2025	9:20	103.1	0.1031	
1/21/2025	9:21	53.3	0.0533	
1/21/2025	9:22	35.1	0.0351	
1/21/2025	9:23	35.8	0.0358	
1/21/2025	9:24	39.6	0.0396	0.049346667
1/21/2025	9:25	49.4	0.0494	
1/21/2025	9:26	37.7	0.0377	
1/21/2025	9:27	80.2	0.0802	
1/21/2025	9:28	101	0.101	
1/21/2025	9:29	110.1	0.1101	
1/21/2025	9:30	96.6	0.0966	
1/21/2025	9:31	82.2	0.0822	
1/21/2025	9:32	47.1	0.0471	

1/21/2025	9:33	135.4	0.1354	
1/21/2025	9:34	207.9	0.2079	
1/21/2025	9:35	94.6	0.0946	
1/21/2025	9:36	113.6	0.1136	
1/21/2025	9:37	172.7	0.1727	
1/21/2025	9:38	133.2	0.1332	
1/21/2025	9:39	247.3	0.2473	0.113933333
1/21/2025	9:40	124.3	0.1243	
1/21/2025	9:41	92.6	0.0926	
1/21/2025	9:42	50	0.05	
1/21/2025	9:43	140.8	0.1408	
1/21/2025	9:44	55.8	0.0558	
1/21/2025	9:45	44.1	0.0441	
1/21/2025	9:46	235.2	0.2352	
1/21/2025	9:47	133	0.133	
1/21/2025	9:48	39.8	0.0398	
1/21/2025	9:49	63.3	0.0633	
1/21/2025	9:50	72.2	0.0722	
1/21/2025	9:51	494.5	0.4945	
1/21/2025	9:52	162.5	0.1625	
1/21/2025	9:53	94.6	0.0946	
1/21/2025	9:54	40.1	0.0401	0.122853333
1/21/2025	9:55	45.8	0.0458	
1/21/2025	9:56	95.4	0.0954	
1/21/2025	9:57	70	0.07	
1/21/2025	9:58	94	0.094	
1/21/2025	9:59	104.1	0.1041	
1/21/2025	10:00	72.6	0.0726	
1/21/2025	10:01	349.1	0.3491	
1/21/2025	10:02	183.6	0.1836	
1/21/2025	10:03	153.2	0.1532	
1/21/2025	10:04	89.1	0.0891	
1/21/2025	10:05	76.1	0.0761	
1/21/2025	10:06	109.3	0.1093	
1/21/2025	10:07	100.8	0.1008	
1/21/2025	10:08	66	0.066	
1/21/2025	10:09	112.2	0.1122	0.114753333
1/21/2025	10:10	48.6	0.0486	
1/21/2025	10:11	55	0.055	
1/21/2025	10:12	232.5	0.2325	
1/21/2025	10:13	56.1	0.0561	
1/21/2025	10:14	472.3	0.4723	
1/21/2025	10:15	73.1	0.0731	
1/21/2025	10:16	53.5	0.0535	

1/21/2025	10:17	74.4	0.0744	
1/21/2025	10:18	74.9	0.0749	
1/21/2025	10:19	61	0.061	
1/21/2025	10:20	122.9	0.1229	
1/21/2025	10:21	124.9	0.1249	
1/21/2025	10:22	211.5	0.2115	
1/21/2025	10:23	88	0.088	
1/21/2025	10:24	69.4	0.0694	0.121206667
1/21/2025	10:25	125.9	0.1259	
1/21/2025	10:26	109.2	0.1092	
1/21/2025	10:27	80.7	0.0807	
1/21/2025	10:28	147.3	0.1473	
1/21/2025	10:29	142.4	0.1424	
1/21/2025	10:30	202.1	0.2021	
1/21/2025	10:31	68.6	0.0686	
1/21/2025	10:32	220.7	0.2207	
1/21/2025	10:33	195.2	0.1952	
1/21/2025	10:34	129.4	0.1294	
1/21/2025	10:35	111.7	0.1117	
1/21/2025	10:36	66.3	0.0663	
1/21/2025	10:37	111.6	0.1116	
1/21/2025	10:38	123.8	0.1238	
1/21/2025	10:39	74.2	0.0742	0.127273333
1/21/2025	10:40	151.9	0.1519	
1/21/2025	10:41	82.8	0.0828	
1/21/2025	10:42	75.3	0.0753	
1/21/2025	10:43	96.1	0.0961	
1/21/2025	10:44	150.9	0.1509	
1/21/2025	10:45	90.6	0.0906	
1/21/2025	10:46	109.5	0.1095	
1/21/2025	10:47	59.7	0.0597	
1/21/2025	10:48	276	0.276	
1/21/2025	10:49	134.3	0.1343	
1/21/2025	10:50	28.1	0.0281	
1/21/2025	10:51	24.2	0.0242	
1/21/2025	10:52	128	0.128	
1/21/2025	10:53	115.6	0.1156	
1/21/2025	10:54	81.2	0.0812	0.106946667
1/21/2025	10:55	209.1	0.2091	
1/21/2025	10:56	76.8	0.0768	
1/21/2025	10:57	129.4	0.1294	
1/21/2025	10:58	76.3	0.0763	
1/21/2025	10:59	102.6	0.1026	
1/21/2025	11:00	65.8	0.0658	

1/21/2025	11:01	302.6	0.3026	
1/21/2025	11:02	214.3	0.2143	
1/21/2025	11:03	147.4	0.1474	
1/21/2025	11:04	103.8	0.1038	
1/21/2025	11:05	73.8	0.0738	
1/21/2025	11:06	113.7	0.1137	
1/21/2025	11:07	71.1	0.0711	
1/21/2025	11:08	54.8	0.0548	
1/21/2025	11:09	46.8	0.0468	0.11922
1/21/2025	11:10	39.1	0.0391	
1/21/2025	11:11	112	0.112	
1/21/2025	11:12	187	0.187	
1/21/2025	11:13	465.8	0.4658	
1/21/2025	11:14	238.6	0.2386	
1/21/2025	11:15	108.4	0.1084	
1/21/2025	11:16	99.3	0.0993	
1/21/2025	11:17	61.7	0.0617	
1/21/2025	11:18	98.4	0.0984	
1/21/2025	11:19	53.4	0.0534	
1/21/2025	11:20	44.7	0.0447	
1/21/2025	11:21	42.2	0.0422	
1/21/2025	11:22	40.8	0.0408	
1/21/2025	11:23	56.9	0.0569	
1/21/2025	11:24	132.4	0.1324	0.118713333
1/21/2025	11:25	71.2	0.0712	
1/21/2025	11:26	95.4	0.0954	
1/21/2025	11:27	152.8	0.1528	
1/21/2025	11:28	76.3	0.0763	
1/21/2025	11:29	212.8	0.2128	
1/21/2025	11:30	120.8	0.1208	
1/21/2025	11:31	115.2	0.1152	
1/21/2025	11:32	130.8	0.1308	
1/21/2025	11:33	99.6	0.0996	
1/21/2025	11:34	92.5	0.0925	
1/21/2025	11:35	130.5	0.1305	
1/21/2025	11:36	225.6	0.2256	
1/21/2025	11:37	129.1	0.1291	
1/21/2025	11:38	43.6	0.0436	
1/21/2025	11:39	86	0.086	0.118813333
1/21/2025	11:40	210.3	0.2103	
1/21/2025	11:41	119.5	0.1195	
1/21/2025	11:42	102.6	0.1026	
1/21/2025	11:43	130	0.13	
1/21/2025	11:44	124.6	0.1246	

1/21/2025	11:45	125.7	0.1257	
1/21/2025	11:46	29.8	0.0298	
1/21/2025	11:47	26.2	0.0262	
1/21/2025	11:48	154.9	0.1549	
1/21/2025	11:49	87.7	0.0877	
1/21/2025	11:50	140.5	0.1405	
1/21/2025	11:51	164.7	0.1647	
1/21/2025	11:52	89.8	0.0898	
1/21/2025	11:53	96.6	0.0966	
1/21/2025	11:54	69.2	0.0692	0.111473333
1/21/2025	11:55	82.3	0.0823	
1/21/2025	11:56	82.8	0.0828	
1/21/2025	11:57	126.4	0.1264	
1/21/2025	11:58	107.4	0.1074	
1/21/2025	11:59	83.4	0.0834	
1/21/2025	12:00	111.5	0.1115	
1/21/2025	12:01	150.3	0.1503	
1/21/2025	12:02	101.2	0.1012	
1/21/2025	12:03	104.5	0.1045	
1/21/2025	12:04	133.4	0.1334	
1/21/2025	12:05	130.2	0.1302	
1/21/2025	12:06	117.1	0.1171	
1/21/2025	12:07	52.5	0.0525	
1/21/2025	12:08	123.9	0.1239	
1/21/2025	12:09	146.5	0.1465	0.110226667
1/21/2025	12:10	46.1	0.0461	

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15 minute average (mg/m^3)
1/21/2025	7:14	15.1	0.0151	
1/21/2025	7:15	13.6	0.0136	
1/21/2025	7:16	13.6	0.0136	
1/21/2025	7:17	19.2	0.0192	
1/21/2025	7:18	14	0.014	
1/21/2025	7:19	15.7	0.0157	
1/21/2025	7:20	29	0.029	
1/21/2025	7:21	31.6	0.0316	
1/21/2025	7:22	20	0.02	
1/21/2025	7:23	13.9	0.0139	
1/21/2025	7:24	13.2	0.0132	
1/21/2025	7:25	9.7	0.0097	
1/21/2025	7:26	7.4	0.0074	
1/21/2025	7:27	12.4	0.0124	
1/21/2025	7:28	21.7	0.0217	0.016673333
1/21/2025	7:29	20.4	0.0204	
1/21/2025	7:30	16.2	0.0162	
1/21/2025	7:31	14.1	0.0141	
1/21/2025	7:32	16	0.016	
1/21/2025	7:33	12.8	0.0128	
1/21/2025	7:34	14.8	0.0148	
1/21/2025	7:35	12.2	0.0122	
1/21/2025	7:36	16.9	0.0169	
1/21/2025	7:37	17	0.017	
1/21/2025	7:38	13.6	0.0136	
1/21/2025	7:39	9.5	0.0095	
1/21/2025	7:40	14.9	0.0149	
1/21/2025	7:41	17.1	0.0171	
1/21/2025	7:42	13.2	0.0132	
1/21/2025	7:43	11.5	0.0115	0.01468
1/21/2025	7:44	15.7	0.0157	
1/21/2025	7:45	13.6	0.0136	
1/21/2025	7:46	12.7	0.0127	
1/21/2025	7:47	12.4	0.0124	
1/21/2025	7:48	16.5	0.0165	
1/21/2025	7:49	12	0.012	
1/21/2025	7:50	15	0.015	
1/21/2025	7:51	8.5	0.0085	
1/21/2025	7:52	11.5	0.0115	
1/21/2025	7:53	8.7	0.0087	

1/21/2025	7:54	12.2	0.0122	
1/21/2025	7:55	12.5	0.0125	
1/21/2025	7:56	6.9	0.0069	
1/21/2025	7:57	13.6	0.0136	
1/21/2025	7:58	13.2	0.0132	0.012333333
1/21/2025	7:59	16.8	0.0168	
1/21/2025	8:00	21.3	0.0213	
1/21/2025	8:01	12.5	0.0125	
1/21/2025	8:02	14.8	0.0148	
1/21/2025	8:03	14	0.014	
1/21/2025	8:04	12.3	0.0123	
1/21/2025	8:05	11.2	0.0112	
1/21/2025	8:06	9.5	0.0095	
1/21/2025	8:07	9.2	0.0092	
1/21/2025	8:08	11.8	0.0118	
1/21/2025	8:09	14.8	0.0148	
1/21/2025	8:10	10.2	0.0102	
1/21/2025	8:11	11.7	0.0117	
1/21/2025	8:12	16.8	0.0168	
1/21/2025	8:13	13.1	0.0131	0.013333333
1/21/2025	8:14	18.3	0.0183	
1/21/2025	8:15	29.6	0.0296	
1/21/2025	8:16	27.2	0.0272	
1/21/2025	8:17	23.9	0.0239	
1/21/2025	8:18	10.8	0.0108	
1/21/2025	8:19	13.8	0.0138	
1/21/2025	8:20	19.5	0.0195	
1/21/2025	8:21	21.9	0.0219	
1/21/2025	8:22	10.7	0.0107	
1/21/2025	8:23	12.2	0.0122	
1/21/2025	8:24	10.9	0.0109	
1/21/2025	8:25	10.5	0.0105	
1/21/2025	8:26	12.4	0.0124	
1/21/2025	8:27	14.4	0.0144	
1/21/2025	8:28	29.5	0.0295	0.017706667
1/21/2025	8:29	22.3	0.0223	
1/21/2025	8:30	29.3	0.0293	
1/21/2025	8:31	21.7	0.0217	
1/21/2025	8:32	18.2	0.0182	
1/21/2025	8:33	19.2	0.0192	
1/21/2025	8:34	14.5	0.0145	
1/21/2025	8:35	10.6	0.0106	
1/21/2025	8:36	23.9	0.0239	
1/21/2025	8:37	17.9	0.0179	

1/21/2025	8:38	17.1	0.0171	
1/21/2025	8:39	15.8	0.0158	
1/21/2025	8:40	12.1	0.0121	
1/21/2025	8:41	16.1	0.0161	
1/21/2025	8:42	18.6	0.0186	
1/21/2025	8:43	20.9	0.0209	0.018546667
1/21/2025	8:44	14.8	0.0148	
1/21/2025	8:45	18.1	0.0181	
1/21/2025	8:46	18.6	0.0186	
1/21/2025	8:47	12.2	0.0122	
1/21/2025	8:48	19	0.019	
1/21/2025	8:49	26.8	0.0268	
1/21/2025	8:50	23.2	0.0232	
1/21/2025	8:51	25.4	0.0254	
1/21/2025	8:52	18.5	0.0185	
1/21/2025	8:53	18.6	0.0186	
1/21/2025	8:54	17.1	0.0171	
1/21/2025	8:55	20.3	0.0203	
1/21/2025	8:56	11.3	0.0113	
1/21/2025	8:57	10.1	0.0101	
1/21/2025	8:58	7.1	0.0071	0.017406667
1/21/2025	8:59	14.9	0.0149	
1/21/2025	9:00	10	0.01	
1/21/2025	9:01	8.6	0.0086	
1/21/2025	9:02	11.7	0.0117	
1/21/2025	9:03	11.2	0.0112	
1/21/2025	9:04	9.9	0.0099	
1/21/2025	9:05	8.1	0.0081	
1/21/2025	9:06	10.7	0.0107	
1/21/2025	9:07	10.1	0.0101	
1/21/2025	9:08	13.5	0.0135	
1/21/2025	9:09	13	0.013	
1/21/2025	9:10	14.4	0.0144	
1/21/2025	9:11	13.8	0.0138	
1/21/2025	9:12	13.5	0.0135	
1/21/2025	9:13	11.4	0.0114	0.011653333
1/21/2025	9:14	13.6	0.0136	
1/21/2025	9:15	11.2	0.0112	
1/21/2025	9:16	12.6	0.0126	
1/21/2025	9:17	15	0.015	
1/21/2025	9:18	16.3	0.0163	
1/21/2025	9:19	11.4	0.0114	
1/21/2025	9:20	12.8	0.0128	
1/21/2025	9:21	11.9	0.0119	

1/21/2025	9:22	14.5	0.0145	
1/21/2025	9:23	13.5	0.0135	
1/21/2025	9:24	8.5	0.0085	
1/21/2025	9:25	16	0.016	
1/21/2025	9:26	10.2	0.0102	
1/21/2025	9:27	12.2	0.0122	
1/21/2025	9:28	13	0.013	0.012846667
1/21/2025	9:29	18.4	0.0184	
1/21/2025	9:30	23.1	0.0231	
1/21/2025	9:31	19	0.019	
1/21/2025	9:32	14.5	0.0145	
1/21/2025	9:33	10.5	0.0105	
1/21/2025	9:34	34.6	0.0346	
1/21/2025	9:35	29.9	0.0299	
1/21/2025	9:36	17.8	0.0178	
1/21/2025	9:37	17.9	0.0179	
1/21/2025	9:38	13.3	0.0133	
1/21/2025	9:39	15.1	0.0151	
1/21/2025	9:40	20.2	0.0202	
1/21/2025	9:41	21.4	0.0214	
1/21/2025	9:42	18	0.018	
1/21/2025	9:43	16.2	0.0162	0.019326667
1/21/2025	9:44	11.8	0.0118	
1/21/2025	9:45	12.4	0.0124	
1/21/2025	9:46	11.5	0.0115	
1/21/2025	9:47	9.2	0.0092	
1/21/2025	9:48	13.1	0.0131	
1/21/2025	9:49	14.2	0.0142	
1/21/2025	9:50	11.5	0.0115	
1/21/2025	9:51	15.2	0.0152	
1/21/2025	9:52	15.6	0.0156	
1/21/2025	9:53	17.6	0.0176	
1/21/2025	9:54	16.6	0.0166	
1/21/2025	9:55	14.5	0.0145	
1/21/2025	9:56	12.4	0.0124	
1/21/2025	9:57	16.1	0.0161	
1/21/2025	9:58	21.8	0.0218	0.014233333
1/21/2025	9:59	21.1	0.0211	
1/21/2025	10:00	16.3	0.0163	
1/21/2025	10:01	22.4	0.0224	
1/21/2025	10:02	35.5	0.0355	
1/21/2025	10:03	20.8	0.0208	
1/21/2025	10:04	23.9	0.0239	
1/21/2025	10:05	28.2	0.0282	

1/21/2025	10:06	17.4	0.0174	
1/21/2025	10:07	15.1	0.0151	
1/21/2025	10:08	20.7	0.0207	
1/21/2025	10:09	16.1	0.0161	
1/21/2025	10:10	17.9	0.0179	
1/21/2025	10:11	15.7	0.0157	
1/21/2025	10:12	17.8	0.0178	
1/21/2025	10:13	21.1	0.0211	0.020666667
1/21/2025	10:14	23.3	0.0233	
1/21/2025	10:15	34.4	0.0344	
1/21/2025	10:16	16.8	0.0168	
1/21/2025	10:17	15.8	0.0158	
1/21/2025	10:18	11.3	0.0113	
1/21/2025	10:19	9.4	0.0094	
1/21/2025	10:20	15.9	0.0159	
1/21/2025	10:21	15.2	0.0152	
1/21/2025	10:22	19	0.019	
1/21/2025	10:23	19.5	0.0195	
1/21/2025	10:24	15.3	0.0153	
1/21/2025	10:25	21.5	0.0215	
1/21/2025	10:26	36.1	0.0361	
1/21/2025	10:27	36.2	0.0362	
1/21/2025	10:28	45.8	0.0458	0.022366667
1/21/2025	10:29	61.6	0.0616	
1/21/2025	10:30	30.3	0.0303	
1/21/2025	10:31	26.4	0.0264	
1/21/2025	10:32	21.4	0.0214	
1/21/2025	10:33	25.4	0.0254	
1/21/2025	10:34	49.7	0.0497	
1/21/2025	10:35	26.8	0.0268	
1/21/2025	10:36	23.3	0.0233	
1/21/2025	10:37	19.1	0.0191	
1/21/2025	10:38	18.6	0.0186	
1/21/2025	10:39	15.5	0.0155	
1/21/2025	10:40	41.8	0.0418	
1/21/2025	10:41	25.6	0.0256	
1/21/2025	10:42	21.8	0.0218	
1/21/2025	10:43	14.7	0.0147	0.028133333
1/21/2025	10:44	15.1	0.0151	
1/21/2025	10:45	16.6	0.0166	
1/21/2025	10:46	17.2	0.0172	
1/21/2025	10:47	42.6	0.0426	
1/21/2025	10:48	29.6	0.0296	
1/21/2025	10:49	41.8	0.0418	

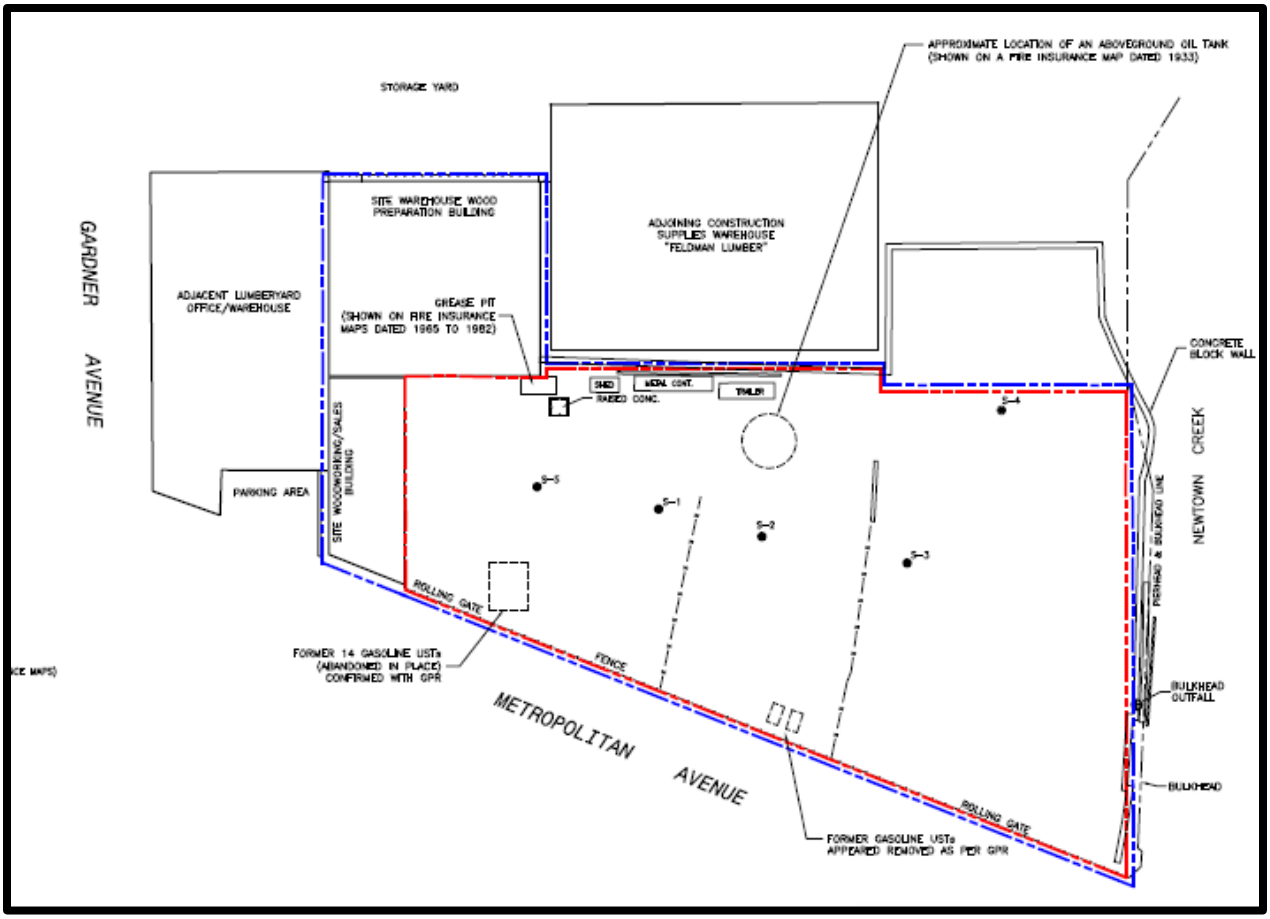
1/21/2025	10:50	39	0.039	
1/21/2025	10:51	50.1	0.0501	
1/21/2025	10:52	29.9	0.0299	
1/21/2025	10:53	43.3	0.0433	
1/21/2025	10:54	20.8	0.0208	
1/21/2025	10:55	13.7	0.0137	
1/21/2025	10:56	62.7	0.0627	
1/21/2025	10:57	18.6	0.0186	
1/21/2025	10:58	25.9	0.0259	0.031126667
1/21/2025	10:59	19.3	0.0193	
1/21/2025	11:00	19.3	0.0193	
1/21/2025	11:01	31.5	0.0315	
1/21/2025	11:02	26.5	0.0265	
1/21/2025	11:03	23.5	0.0235	
1/21/2025	11:04	17.2	0.0172	
1/21/2025	11:05	19.5	0.0195	
1/21/2025	11:06	20.5	0.0205	
1/21/2025	11:07	16.5	0.0165	
1/21/2025	11:08	17.8	0.0178	
1/21/2025	11:09	19	0.019	
1/21/2025	11:10	21.8	0.0218	
1/21/2025	11:11	27.8	0.0278	
1/21/2025	11:12	29.9	0.0299	
1/21/2025	11:13	21.1	0.0211	0.02208
1/21/2025	11:14	24.5	0.0245	
1/21/2025	11:15	18	0.018	
1/21/2025	11:16	17	0.017	
1/21/2025	11:17	20	0.02	
1/21/2025	11:18	19.5	0.0195	
1/21/2025	11:19	16.4	0.0164	
1/21/2025	11:20	23.8	0.0238	
1/21/2025	11:21	24	0.024	
1/21/2025	11:22	18.7	0.0187	
1/21/2025	11:23	28.3	0.0283	
1/21/2025	11:24	30.1	0.0301	
1/21/2025	11:25	20	0.02	
1/21/2025	11:26	19.8	0.0198	
1/21/2025	11:27	37	0.037	
1/21/2025	11:28	34.3	0.0343	0.023426667
1/21/2025	11:29	37	0.037	
1/21/2025	11:30	21	0.021	
1/21/2025	11:31	30.7	0.0307	
1/21/2025	11:32	34.7	0.0347	
1/21/2025	11:33	28.8	0.0288	

1/21/2025	11:34	19.3	0.0193	
1/21/2025	11:35	23.7	0.0237	
1/21/2025	11:36	21.7	0.0217	
1/21/2025	11:37	48.2	0.0482	
1/21/2025	11:38	48.8	0.0488	
1/21/2025	11:39	53.4	0.0534	
1/21/2025	11:40	51.5	0.0515	
1/21/2025	11:41	31.8	0.0318	
1/21/2025	11:42	44.7	0.0447	
1/21/2025	11:43	23.4	0.0234	0.03458
1/21/2025	11:44	21	0.021	
1/21/2025	11:45	24.8	0.0248	
1/21/2025	11:46	32.5	0.0325	
1/21/2025	11:47	26.7	0.0267	
1/21/2025	11:48	17.3	0.0173	
1/21/2025	11:49	28.1	0.0281	
1/21/2025	11:50	36.5	0.0365	
1/21/2025	11:51	29.1	0.0291	
1/21/2025	11:52	33.5	0.0335	
1/21/2025	11:53	26.5	0.0265	
1/21/2025	11:54	22.7	0.0227	
1/21/2025	11:55	18.9	0.0189	
1/21/2025	11:56	22	0.022	
1/21/2025	11:57	22.6	0.0226	
1/21/2025	11:58	27.3	0.0273	0.025966667
1/21/2025	11:59	21.5	0.0215	
1/21/2025	12:00	23.1	0.0231	
1/21/2025	12:01	25.4	0.0254	
1/21/2025	12:02	15.3	0.0153	
1/21/2025	12:03	17.4	0.0174	
1/21/2025	12:04	50.4	0.0504	
1/21/2025	12:05	26.5	0.0265	
1/21/2025	12:06	25.8	0.0258	
1/21/2025	12:07	33.6	0.0336	

Daily Air Monitoring Report

January 23, 2025

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, NY 11237



Prepared for: 1301 Metro- 255, LLC
1301 Metro- Triple JQ, LLC
1301 Metro- Rudolph Q, LLC
213-19 99th Avenue
Queens Village, NY 11429

Prepared by: EnviroTrac Ltd.
5 Old Dock Road, Yaphank, NY 11980

DAILY STATUS REPORT

Prepared By: Dylan Moscarella

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32	x	32-50		50-70		70-85		>85	

Project No.:		Winds From W @ 5 mph	Date:	1/23/2025
Project Name:	1301 Metropolitan Avenue, Brooklyn, New York			

Consultant:
Dylan Moscarella
EnviroTrac Ltd.

Work Activities Performed (Since Last Report):

EnviroTrac personnel conducted an enhanced fluid recovery (EFR) event on well MW-10 and provided environmental oversight for multiple test pit excavations throughout the site to locate piping associated with observed piping going to/from the Newtown Creek. Community Air Monitoring Plan (CAMP) was performed during activities on site. CAMP equipment was placed at an upwind and downwind location in relation to the excavation and 15-minute averages were recorded during this period.

Air Monitoring

	Maximum 15 Minute Average	
	VOC's (ppm)	PM-10 (mg/m^3)
Construction Down Wind	0.0	0.0972
Construction Up Wind	0.0	0.0775

Exceedances (Since Last Report): No exceedances.

Problems Encountered: No problems encountered.

Planned Activities for the Next Day/ Week:

- Conduct an enhanced fluid recovery (EFR) event at MW-10.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



Enhanced fluid recovery (EFR) event conducted on well MW-10.



Test pit excavation #1 based off mark-out locations.



Test pit excavation #2 down to approximately 5.5’.



Test pit excavation #3 down to approximately 6.5’.

Daily Air Monitoring Log

Project Name: Metro

Date: 1/23/25

Project Location: 134 Metropolitan Ave

Temperature: 25-30°

Wind Speed: 5mph

Wind Direction: E

Background Data: Upwind - PID 0.0 ppm

Upwind
~~Dust Meter 1~~ - 0.0182 mg/m^3

Downwind - PID 0.0 ppm

~~Dust Meter 2~~ - 0.0316 mg/m^3

Downwind

Time	Downwind		Upwind		Workzone	
	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3
7:00	0.0		0.0			
7:15						
7:30						
7:45						
8:00						
8:15						
8:30						
8:45						
9:00						
9:15						
9:30						
9:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						

1/23/25

N
W E
S

STORAGE YARD

APPROXIMATE LOCATION OF AN ABOVEGROUND OIL TANK (SHOWN ON A "FIRE INSURANCE MAP DATED 1933)

SITE WAREHOUSE WOOD PREPARATION BUILDING

ADJOINING CONSTRUCTION SUPPLIES WAREHOUSE "FELDMAN LUMBER"

ADJACENT LUMBERYARD OFFICE/WAREHOUSE

GREASE PIT (SHOWN ON FIRE INSURANCE MAPS DATED 1888 TO 1982)

SHED

MTR. CENT.

TRAILER

RAISED CONC.

CONCRETE BLOCK WALL

GARDNER AVENUE

PARKING AREA

SITE WOODWORKING BUILDING

NEWTOWN CREEK

FENCED & ELEVATED LINE

ROLLING GATE

FORMER 14 GASOLINE USTs (ABANDONED IN PLACE) CONFIRMED WITH GPR

FENCE

METROPOLITAN AVENUE

BULKHEAD OUTFALL

BULKHEAD

ROLLING GATE

FORMER GASOLINE USTs APPEARED REMOVED AS PER GPR

ICC MAPS

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15 minute average (mg/m^3)
1/23/2025	7:25	31.9	0.0319	
1/23/2025	7:26	35.4	0.0354	
1/23/2025	7:27	47.7	0.0477	
1/23/2025	7:28	43.7	0.0437	
1/23/2025	7:29	39.5	0.0395	
1/23/2025	7:30	50.5	0.0505	
1/23/2025	7:31	46.1	0.0461	
1/23/2025	7:32	46.1	0.0461	
1/23/2025	7:33	71.6	0.0716	
1/23/2025	7:34	48.9	0.0489	
1/23/2025	7:35	56.5	0.0565	
1/23/2025	7:36	55.7	0.0557	
1/23/2025	7:37	58.9	0.0589	
1/23/2025	7:38	57.4	0.0574	
1/23/2025	7:39	59.8	0.0598	0.04998
1/23/2025	7:40	41.3	0.0413	
1/23/2025	7:41	30.3	0.0303	
1/23/2025	7:42	43.7	0.0437	
1/23/2025	7:43	54.3	0.0543	
1/23/2025	7:44	45.8	0.0458	
1/23/2025	7:45	63.9	0.0639	
1/23/2025	7:46	69.4	0.0694	
1/23/2025	7:47	90.7	0.0907	
1/23/2025	7:48	63.1	0.0631	
1/23/2025	7:49	73.4	0.0734	
1/23/2025	7:50	70.3	0.0703	
1/23/2025	7:51	64.9	0.0649	
1/23/2025	7:52	109.1	0.1091	
1/23/2025	7:53	103.6	0.1036	
1/23/2025	7:54	84.9	0.0849	0.067246667
1/23/2025	7:55	132.8	0.1328	
1/23/2025	7:56	80.3	0.0803	
1/23/2025	7:57	61.7	0.0617	
1/23/2025	7:58	86.9	0.0869	
1/23/2025	7:59	86.5	0.0865	
1/23/2025	8:00	72.8	0.0728	
1/23/2025	8:01	67.4	0.0674	
1/23/2025	8:02	64.1	0.0641	
1/23/2025	8:03	44.7	0.0447	
1/23/2025	8:04	82.6	0.0826	

1/23/2025	8:05	44.3	0.0443	
1/23/2025	8:06	52.4	0.0524	
1/23/2025	8:07	48.7	0.0487	
1/23/2025	8:08	51.1	0.0511	
1/23/2025	8:09	62.5	0.0625	0.069253333
1/23/2025	8:10	69.8	0.0698	
1/23/2025	8:11	61.1	0.0611	
1/23/2025	8:12	38.5	0.0385	
1/23/2025	8:13	57.7	0.0577	
1/23/2025	8:14	90.1	0.0901	
1/23/2025	8:15	89.7	0.0897	
1/23/2025	8:16	71.4	0.0714	
1/23/2025	8:17	119.3	0.1193	
1/23/2025	8:18	85.4	0.0854	
1/23/2025	8:19	61	0.061	
1/23/2025	8:20	70.1	0.0701	
1/23/2025	8:21	51.5	0.0515	
1/23/2025	8:22	107.5	0.1075	
1/23/2025	8:23	47.7	0.0477	
1/23/2025	8:24	104.6	0.1046	0.075026667
1/23/2025	8:25	84.4	0.0844	
1/23/2025	8:26	64.6	0.0646	
1/23/2025	8:27	61.2	0.0612	
1/23/2025	8:28	57.3	0.0573	
1/23/2025	8:29	73.2	0.0732	
1/23/2025	8:30	52.4	0.0524	
1/23/2025	8:31	82.1	0.0821	
1/23/2025	8:32	54.7	0.0547	
1/23/2025	8:33	173.8	0.1738	
1/23/2025	8:34	161.9	0.1619	
1/23/2025	8:35	53.2	0.0532	
1/23/2025	8:36	53.6	0.0536	
1/23/2025	8:37	118.1	0.1181	
1/23/2025	8:38	97.7	0.0977	
1/23/2025	8:39	122.2	0.1222	0.08736
1/23/2025	8:40	114.7	0.1147	
1/23/2025	8:41	107	0.107	
1/23/2025	8:42	83	0.083	
1/23/2025	8:43	124.6	0.1246	
1/23/2025	8:44	93.6	0.0936	
1/23/2025	8:45	95.9	0.0959	
1/23/2025	8:46	48.7	0.0487	
1/23/2025	8:47	59.9	0.0599	
1/23/2025	8:48	41.8	0.0418	

1/23/2025	8:49	45.2	0.0452	
1/23/2025	8:50	68.6	0.0686	
1/23/2025	8:51	121.5	0.1215	
1/23/2025	8:52	119.6	0.1196	
1/23/2025	8:53	82	0.082	
1/23/2025	8:54	82.8	0.0828	0.085926667
1/23/2025	8:55	70.8	0.0708	
1/23/2025	8:56	108.7	0.1087	
1/23/2025	8:57	67.2	0.0672	
1/23/2025	8:58	62.1	0.0621	
1/23/2025	8:59	83.1	0.0831	
1/23/2025	9:00	122.7	0.1227	
1/23/2025	9:01	102.6	0.1026	
1/23/2025	9:02	50.2	0.0502	
1/23/2025	9:03	67	0.067	
1/23/2025	9:04	98.9	0.0989	
1/23/2025	9:05	60.4	0.0604	
1/23/2025	9:06	138.5	0.1385	
1/23/2025	9:07	69.8	0.0698	
1/23/2025	9:08	92.7	0.0927	
1/23/2025	9:09	95.9	0.0959	0.08604
1/23/2025	9:10	92	0.092	
1/23/2025	9:11	57.7	0.0577	
1/23/2025	9:12	41.8	0.0418	
1/23/2025	9:13	83.2	0.0832	
1/23/2025	9:14	86.7	0.0867	
1/23/2025	9:15	78.3	0.0783	
1/23/2025	9:16	51.7	0.0517	
1/23/2025	9:17	62.2	0.0622	
1/23/2025	9:18	110.1	0.1101	
1/23/2025	9:19	109.3	0.1093	
1/23/2025	9:20	107.6	0.1076	
1/23/2025	9:21	109.2	0.1092	
1/23/2025	9:22	136.3	0.1363	
1/23/2025	9:23	56.7	0.0567	
1/23/2025	9:24	84.2	0.0842	0.084466667
1/23/2025	9:25	77.3	0.0773	
1/23/2025	9:26	44.8	0.0448	
1/23/2025	9:27	40.8	0.0408	
1/23/2025	9:28	47.7	0.0477	
1/23/2025	9:29	61.7	0.0617	
1/23/2025	9:30	90.4	0.0904	
1/23/2025	9:31	100.6	0.1006	
1/23/2025	9:32	88.6	0.0886	

1/23/2025	9:33	48.4	0.0484	
1/23/2025	9:34	80.5	0.0805	
1/23/2025	9:35	57.2	0.0572	
1/23/2025	9:36	60.8	0.0608	
1/23/2025	9:37	91.5	0.0915	
1/23/2025	9:38	84.2	0.0842	
1/23/2025	9:39	212	0.212	0.0791
1/23/2025	9:40	110.4	0.1104	
1/23/2025	9:41	85.7	0.0857	
1/23/2025	9:42	64.7	0.0647	
1/23/2025	9:43	53.6	0.0536	
1/23/2025	9:44	84.5	0.0845	
1/23/2025	9:45	126.6	0.1266	
1/23/2025	9:46	80.9	0.0809	
1/23/2025	9:47	55.6	0.0556	
1/23/2025	9:48	87.8	0.0878	
1/23/2025	9:49	109	0.109	
1/23/2025	9:50	99.2	0.0992	
1/23/2025	9:51	69.6	0.0696	
1/23/2025	9:52	39.5	0.0395	
1/23/2025	9:53	41.3	0.0413	
1/23/2025	9:54	56.7	0.0567	0.077673333
1/23/2025	9:55	60.9	0.0609	
1/23/2025	9:56	52.9	0.0529	
1/23/2025	9:57	72.6	0.0726	
1/23/2025	9:58	59.9	0.0599	
1/23/2025	9:59	76.9	0.0769	
1/23/2025	10:00	72	0.072	
1/23/2025	10:01	125.1	0.1251	
1/23/2025	10:02	158.4	0.1584	
1/23/2025	10:03	84.7	0.0847	
1/23/2025	10:04	58.7	0.0587	
1/23/2025	10:05	51.8	0.0518	
1/23/2025	10:06	68.1	0.0681	
1/23/2025	10:07	64.5	0.0645	
1/23/2025	10:08	85.9	0.0859	
1/23/2025	10:09	43.8	0.0438	0.075746667
1/23/2025	10:10	106.1	0.1061	
1/23/2025	10:11	112.8	0.1128	
1/23/2025	10:12	91.6	0.0916	
1/23/2025	10:13	83.1	0.0831	
1/23/2025	10:14	64.2	0.0642	
1/23/2025	10:15	72.8	0.0728	
1/23/2025	10:16	105.1	0.1051	

1/23/2025	10:17	116.3	0.1163	
1/23/2025	10:18	114.1	0.1141	
1/23/2025	10:19	69.9	0.0699	
1/23/2025	10:20	39.4	0.0394	
1/23/2025	10:21	81.3	0.0813	
1/23/2025	10:22	19.5	0.0195	
1/23/2025	10:23	22.2	0.0222	
1/23/2025	10:24	25.5	0.0255	0.074926667
1/23/2025	10:25	84.2	0.0842	
1/23/2025	10:26	92.6	0.0926	
1/23/2025	10:27	97.5	0.0975	
1/23/2025	10:28	41.1	0.0411	
1/23/2025	10:29	92.5	0.0925	
1/23/2025	10:30	86.7	0.0867	
1/23/2025	10:31	84.8	0.0848	
1/23/2025	10:32	63	0.063	
1/23/2025	10:33	81.2	0.0812	
1/23/2025	10:34	88.8	0.0888	
1/23/2025	10:35	81.1	0.0811	
1/23/2025	10:36	42.5	0.0425	
1/23/2025	10:37	73.7	0.0737	
1/23/2025	10:38	113.5	0.1135	
1/23/2025	10:39	31.8	0.0318	0.077
1/23/2025	10:40	118.6	0.1186	
1/23/2025	10:41	108.9	0.1089	
1/23/2025	10:42	73.1	0.0731	
1/23/2025	10:43	91.4	0.0914	
1/23/2025	10:44	70.9	0.0709	
1/23/2025	10:45	69.1	0.0691	
1/23/2025	10:46	61.7	0.0617	
1/23/2025	10:47	92	0.092	
1/23/2025	10:48	62.3	0.0623	
1/23/2025	10:49	32	0.032	
1/23/2025	10:50	116.9	0.1169	
1/23/2025	10:51	82	0.082	
1/23/2025	10:52	90.3	0.0903	
1/23/2025	10:53	103	0.103	
1/23/2025	10:54	124.3	0.1243	0.086433333
1/23/2025	10:55	125	0.125	
1/23/2025	10:56	46.3	0.0463	
1/23/2025	10:57	30.8	0.0308	
1/23/2025	10:58	116	0.116	
1/23/2025	10:59	90.4	0.0904	
1/23/2025	11:00	104.7	0.1047	

1/23/2025	11:01	134.8	0.1348	
1/23/2025	11:02	93.2	0.0932	
1/23/2025	11:03	90.6	0.0906	
1/23/2025	11:04	46	0.046	
1/23/2025	11:05	25.5	0.0255	
1/23/2025	11:06	111.1	0.1111	
1/23/2025	11:07	53.1	0.0531	
1/23/2025	11:08	72.2	0.0722	
1/23/2025	11:09	105.3	0.1053	0.083
1/23/2025	11:10	79.9	0.0799	
1/23/2025	11:11	43.7	0.0437	
1/23/2025	11:12	73	0.073	
1/23/2025	11:13	29.3	0.0293	
1/23/2025	11:14	97.3	0.0973	
1/23/2025	11:15	96.2	0.0962	
1/23/2025	11:16	44.7	0.0447	
1/23/2025	11:17	72	0.072	
1/23/2025	11:18	158	0.158	
1/23/2025	11:19	78.8	0.0788	
1/23/2025	11:20	95.9	0.0959	
1/23/2025	11:21	92.1	0.0921	
1/23/2025	11:22	64.6	0.0646	
1/23/2025	11:23	74.6	0.0746	
1/23/2025	11:24	42.7	0.0427	0.076186667
1/23/2025	11:25	104.1	0.1041	
1/23/2025	11:26	84.8	0.0848	
1/23/2025	11:27	76.4	0.0764	
1/23/2025	11:28	54.5	0.0545	
1/23/2025	11:29	84.9	0.0849	
1/23/2025	11:30	100.3	0.1003	
1/23/2025	11:31	33.4	0.0334	
1/23/2025	11:32	95.5	0.0955	
1/23/2025	11:33	21.9	0.0219	
1/23/2025	11:34	99.2	0.0992	
1/23/2025	11:35	23.7	0.0237	
1/23/2025	11:36	74.5	0.0745	
1/23/2025	11:37	28.6	0.0286	
1/23/2025	11:38	99.4	0.0994	
1/23/2025	11:39	111.4	0.1114	0.07284
1/23/2025	11:40	80.6	0.0806	
1/23/2025	11:41	110.1	0.1101	
1/23/2025	11:42	139.9	0.1399	
1/23/2025	11:43	116.3	0.1163	
1/23/2025	11:44	72.9	0.0729	

1/23/2025	11:45	111.8	0.1118	
1/23/2025	11:46	75.8	0.0758	
1/23/2025	11:47	59.3	0.0593	
1/23/2025	11:48	50.1	0.0501	
1/23/2025	11:49	69.7	0.0697	
1/23/2025	11:50	89.5	0.0895	
1/23/2025	11:51	101.9	0.1019	
1/23/2025	11:52	70.8	0.0708	
1/23/2025	11:53	66.4	0.0664	
1/23/2025	11:54	66.4	0.0664	0.085433333
1/23/2025	11:55	151.6	0.1516	
1/23/2025	11:56	66.5	0.0665	
1/23/2025	11:57	92.9	0.0929	
1/23/2025	11:58	89.7	0.0897	
1/23/2025	11:59	59.1	0.0591	
1/23/2025	12:00	66.6	0.0666	
1/23/2025	12:01	95.1	0.0951	
1/23/2025	12:02	66	0.066	
1/23/2025	12:03	96.4	0.0964	
1/23/2025	12:04	62.3	0.0623	
1/23/2025	12:05	65.3	0.0653	
1/23/2025	12:06	118.1	0.1181	
1/23/2025	12:07	78.9	0.0789	
1/23/2025	12:08	118.1	0.1181	
1/23/2025	12:09	62.6	0.0626	0.085946667
1/23/2025	12:10	96.9	0.0969	
1/23/2025	12:11	97.7	0.0977	
1/23/2025	12:12	109.6	0.1096	
1/23/2025	12:13	87.6	0.0876	
1/23/2025	12:14	80.5	0.0805	
1/23/2025	12:15	105.2	0.1052	
1/23/2025	12:16	124.4	0.1244	
1/23/2025	12:17	122.3	0.1223	
1/23/2025	12:18	71.6	0.0716	
1/23/2025	12:19	73	0.073	
1/23/2025	12:20	59.9	0.0599	
1/23/2025	12:21	111.7	0.1117	
1/23/2025	12:22	78.1	0.0781	
1/23/2025	12:23	132.1	0.1321	
1/23/2025	12:24	108	0.108	0.09724
1/23/2025	12:25	122	0.122	
1/23/2025	12:26	125.8	0.1258	
1/23/2025	12:27	80.4	0.0804	
1/23/2025	12:28	83.8	0.0838	

1/23/2025	12:29	81.5	0.0815	
1/23/2025	12:30	122.8	0.1228	
1/23/2025	12:31	83	0.083	
1/23/2025	12:32	65.5	0.0655	
1/23/2025	12:33	61.9	0.0619	
1/23/2025	12:34	48.2	0.0482	
1/23/2025	12:35	83.5	0.0835	
1/23/2025	12:36	83.2	0.0832	
1/23/2025	12:37	73.8	0.0738	
1/23/2025	12:38	67.9	0.0679	
1/23/2025	12:39	101.6	0.1016	0.08566
1/23/2025	12:40	80.1	0.0801	
1/23/2025	12:41	70	0.07	
1/23/2025	12:42	36.2	0.0362	
1/23/2025	12:43	112.8	0.1128	
1/23/2025	12:44	68.8	0.0688	
1/23/2025	12:45	103.5	0.1035	
1/23/2025	12:46	88.9	0.0889	
1/23/2025	12:47	79.8	0.0798	
1/23/2025	12:48	79.9	0.0799	
1/23/2025	12:49	104.5	0.1045	
1/23/2025	12:50	95.7	0.0957	
1/23/2025	12:51	93.7	0.0937	
1/23/2025	12:52	88.5	0.0885	
1/23/2025	12:53	127.3	0.1273	
1/23/2025	12:54	167.2	0.1672	0.093126667
1/23/2025	12:55	140.4	0.1404	
1/23/2025	12:56	69.6	0.0696	
1/23/2025	12:57	61	0.061	
1/23/2025	12:58	43.5	0.0435	
1/23/2025	12:59	109.8	0.1098	
1/23/2025	13:00	117.3	0.1173	
1/23/2025	13:01	203.7	0.2037	
1/23/2025	13:02	55.7	0.0557	
1/23/2025	13:03	50.9	0.0509	
1/23/2025	13:04	48.7	0.0487	
1/23/2025	13:05	71	0.071	
1/23/2025	13:06	43.1	0.0431	
1/23/2025	13:07	209.6	0.2096	
1/23/2025	13:08	91.6	0.0916	
1/23/2025	13:09	91.8	0.0918	0.093846667
1/23/2025	13:10	82.2	0.0822	
1/23/2025	13:11	106.3	0.1063	
1/23/2025	13:12	59.4	0.0594	

1/23/2025	13:13	38.8	0.0388	
1/23/2025	13:14	38.4	0.0384	
1/23/2025	13:15	54.5	0.0545	
1/23/2025	13:16	73.5	0.0735	
1/23/2025	13:17	74.5	0.0745	
1/23/2025	13:18	70.3	0.0703	
1/23/2025	13:19	76.4	0.0764	
1/23/2025	13:20	47.3	0.0473	
1/23/2025	13:21	106.6	0.1066	
1/23/2025	13:22	92.3	0.0923	
1/23/2025	13:23	142.1	0.1421	
1/23/2025	13:24	45.6	0.0456	0.07388
1/23/2025	13:25	42.5	0.0425	
1/23/2025	13:26	32.3	0.0323	
1/23/2025	13:27	35.1	0.0351	
1/23/2025	13:28	99.1	0.0991	
1/23/2025	13:29	140.8	0.1408	
1/23/2025	13:30	124.2	0.1242	
1/23/2025	13:31	79.9	0.0799	
1/23/2025	13:32	44.5	0.0445	
1/23/2025	13:33	31.4	0.0314	
1/23/2025	13:34	42.1	0.0421	
1/23/2025	13:35	48.5	0.0485	
1/23/2025	13:36	35.7	0.0357	
1/23/2025	13:37	45.2	0.0452	
1/23/2025	13:38	39.8	0.0398	
1/23/2025	13:39	56.5	0.0565	0.05984
1/23/2025	13:40	56.9	0.0569	
1/23/2025	13:41	56.7	0.0567	
1/23/2025	13:42	99.1	0.0991	
1/23/2025	13:43	163	0.163	
1/23/2025	13:44	75.4	0.0754	
1/23/2025	13:45	156.6	0.1566	
1/23/2025	13:46	51.3	0.0513	
1/23/2025	13:47	52.5	0.0525	
1/23/2025	13:48	92.5	0.0925	
1/23/2025	13:49	116.4	0.1164	
1/23/2025	13:50	69.6	0.0696	
1/23/2025	13:51	49.1	0.0491	
1/23/2025	13:52	70.2	0.0702	
1/23/2025	13:53	159	0.159	
1/23/2025	13:54	45	0.045	0.087553333
1/23/2025	13:55	94.9	0.0949	
1/23/2025	13:56	43.3	0.0433	

1/23/2025	13:57	73.6	0.0736	
1/23/2025	13:58	55.6	0.0556	
1/23/2025	13:59	103.6	0.1036	
1/23/2025	14:00	47.8	0.0478	
1/23/2025	14:01	44.8	0.0448	
1/23/2025	14:02	76.9	0.0769	
1/23/2025	14:03	111.1	0.1111	
1/23/2025	14:04	73.8	0.0738	
1/23/2025	14:05	51.6	0.0516	
1/23/2025	14:06	62.8	0.0628	
1/23/2025	14:07	183.4	0.1834	
1/23/2025	14:08	121.2	0.1212	
1/23/2025	14:09	157.3	0.1573	0.08678
1/23/2025	14:10	97.8	0.0978	
1/23/2025	14:11	121.9	0.1219	
1/23/2025	14:12	87	0.087	
1/23/2025	14:13	65.7	0.0657	
1/23/2025	14:14	91.6	0.0916	
1/23/2025	14:15	62.1	0.0621	
1/23/2025	14:16	87.4	0.0874	
1/23/2025	14:17	103.2	0.1032	
1/23/2025	14:18	61.7	0.0617	
1/23/2025	14:19	121.4	0.1214	
1/23/2025	14:20	104.8	0.1048	
1/23/2025	14:21	92	0.092	
1/23/2025	14:22	42	0.042	
1/23/2025	14:23	53.4	0.0534	
1/23/2025	14:24	70.8	0.0708	0.084186667
1/23/2025	14:25	49.6	0.0496	
1/23/2025	14:26	49.6	0.0496	
1/23/2025	14:27	80.8	0.0808	
1/23/2025	14:28	95.2	0.0952	
1/23/2025	14:29	171.7	0.1717	
1/23/2025	14:30	119.7	0.1197	

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15 minute avergae (mg/m^3)
1/23/2025	7:24	84.5	0.0845	
1/23/2025	7:25	47.3	0.0473	
1/23/2025	7:26	51.2	0.0512	
1/23/2025	7:27	37.7	0.0377	
1/23/2025	7:28	51.6	0.0516	
1/23/2025	7:29	42.3	0.0423	
1/23/2025	7:30	75.8	0.0758	
1/23/2025	7:31	53.3	0.0533	
1/23/2025	7:32	61.2	0.0612	
1/23/2025	7:33	60.2	0.0602	
1/23/2025	7:34	61.3	0.0613	
1/23/2025	7:35	71.8	0.0718	
1/23/2025	7:36	57.4	0.0574	
1/23/2025	7:37	57	0.057	
1/23/2025	7:38	56.8	0.0568	0.05796
1/23/2025	7:39	48.7	0.0487	
1/23/2025	7:40	40.6	0.0406	
1/23/2025	7:41	39.4	0.0394	
1/23/2025	7:42	49.3	0.0493	
1/23/2025	7:43	54.5	0.0545	
1/23/2025	7:44	48.9	0.0489	
1/23/2025	7:45	46.2	0.0462	
1/23/2025	7:46	43.9	0.0439	
1/23/2025	7:47	50	0.05	
1/23/2025	7:48	52.1	0.0521	
1/23/2025	7:49	42.4	0.0424	
1/23/2025	7:50	67.5	0.0675	
1/23/2025	7:51	81.9	0.0819	
1/23/2025	7:52	75.4	0.0754	
1/23/2025	7:53	119.2	0.1192	0.057333333
1/23/2025	7:54	49.9	0.0499	
1/23/2025	7:55	41.2	0.0412	
1/23/2025	7:56	49.1	0.0491	
1/23/2025	7:57	45.2	0.0452	
1/23/2025	7:58	36.3	0.0363	
1/23/2025	7:59	32.7	0.0327	
1/23/2025	8:00	30.1	0.0301	
1/23/2025	8:01	29.7	0.0297	
1/23/2025	8:02	29.3	0.0293	
1/23/2025	8:03	24.4	0.0244	

1/23/2025	8:04	29.5	0.0295	
1/23/2025	8:05	32.7	0.0327	
1/23/2025	8:06	23.2	0.0232	
1/23/2025	8:07	30.9	0.0309	
1/23/2025	8:08	23.8	0.0238	0.033866667
1/23/2025	8:09	27.8	0.0278	
1/23/2025	8:10	22.9	0.0229	
1/23/2025	8:11	43.8	0.0438	
1/23/2025	8:12	30.7	0.0307	
1/23/2025	8:13	34.5	0.0345	
1/23/2025	8:14	29.6	0.0296	
1/23/2025	8:15	35.6	0.0356	
1/23/2025	8:16	34.6	0.0346	
1/23/2025	8:17	35.6	0.0356	
1/23/2025	8:18	30.8	0.0308	
1/23/2025	8:19	63	0.063	
1/23/2025	8:20	39.8	0.0398	
1/23/2025	8:21	49.5	0.0495	
1/23/2025	8:22	54.5	0.0545	
1/23/2025	8:23	22.7	0.0227	0.037026667
1/23/2025	8:24	32.7	0.0327	
1/23/2025	8:25	116.8	0.1168	
1/23/2025	8:26	50.6	0.0506	
1/23/2025	8:27	54.4	0.0544	
1/23/2025	8:28	44.7	0.0447	
1/23/2025	8:29	58.2	0.0582	
1/23/2025	8:30	64.9	0.0649	
1/23/2025	8:31	52.9	0.0529	
1/23/2025	8:32	36.2	0.0362	
1/23/2025	8:33	34.1	0.0341	
1/23/2025	8:34	93.3	0.0933	
1/23/2025	8:35	46.1	0.0461	
1/23/2025	8:36	28.5	0.0285	
1/23/2025	8:37	51.6	0.0516	
1/23/2025	8:38	52.2	0.0522	0.05448
1/23/2025	8:39	32.9	0.0329	
1/23/2025	8:40	31.5	0.0315	
1/23/2025	8:41	42	0.042	
1/23/2025	8:42	34.1	0.0341	
1/23/2025	8:43	36	0.036	
1/23/2025	8:44	38.1	0.0381	
1/23/2025	8:45	35	0.035	
1/23/2025	8:46	30.7	0.0307	
1/23/2025	8:47	30.6	0.0306	

1/23/2025	8:48	28.4	0.0284	
1/23/2025	8:49	33.5	0.0335	
1/23/2025	8:50	40.4	0.0404	
1/23/2025	8:51	61.7	0.0617	
1/23/2025	8:52	39.9	0.0399	
1/23/2025	8:53	40.8	0.0408	0.03704
1/23/2025	8:54	38.1	0.0381	
1/23/2025	8:55	40.8	0.0408	
1/23/2025	8:56	41	0.041	
1/23/2025	8:57	48.6	0.0486	
1/23/2025	8:58	51.3	0.0513	
1/23/2025	8:59	43.8	0.0438	
1/23/2025	9:00	50.3	0.0503	
1/23/2025	9:01	61.8	0.0618	
1/23/2025	9:02	29.5	0.0295	
1/23/2025	9:03	94.2	0.0942	
1/23/2025	9:04	59	0.059	
1/23/2025	9:05	26.1	0.0261	
1/23/2025	9:06	18.7	0.0187	
1/23/2025	9:07	25.7	0.0257	
1/23/2025	9:08	73	0.073	0.046793333
1/23/2025	9:09	58.7	0.0587	
1/23/2025	9:10	32.2	0.0322	
1/23/2025	9:11	43.7	0.0437	
1/23/2025	9:12	79	0.079	
1/23/2025	9:13	69.5	0.0695	
1/23/2025	9:14	36.1	0.0361	
1/23/2025	9:15	30.6	0.0306	
1/23/2025	9:16	39.1	0.0391	
1/23/2025	9:17	29.8	0.0298	
1/23/2025	9:18	41	0.041	
1/23/2025	9:19	26.8	0.0268	
1/23/2025	9:20	37	0.037	
1/23/2025	9:21	40.5	0.0405	
1/23/2025	9:22	34.6	0.0346	
1/23/2025	9:23	29.6	0.0296	0.04188
1/23/2025	9:24	23.4	0.0234	
1/23/2025	9:25	55.8	0.0558	
1/23/2025	9:26	96.7	0.0967	
1/23/2025	9:27	53.3	0.0533	
1/23/2025	9:28	22.6	0.0226	
1/23/2025	9:29	21	0.021	
1/23/2025	9:30	95.7	0.0957	
1/23/2025	9:31	33.9	0.0339	

1/23/2025	9:32	51.6	0.0516	
1/23/2025	9:33	34.4	0.0344	
1/23/2025	9:34	32.4	0.0324	
1/23/2025	9:35	39.6	0.0396	
1/23/2025	9:36	58.8	0.0588	
1/23/2025	9:37	57.7	0.0577	
1/23/2025	9:38	29.8	0.0298	0.047113333
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1/23/2025	9:40	68.5	0.0685	
1/23/2025	9:41	11.7	0.0117	
1/23/2025	9:42	91.2	0.0912	
1/23/2025	9:43	33.6	0.0336	
1/23/2025	9:44	58.7	0.0587	
1/23/2025	9:45	22.3	0.0223	
1/23/2025	9:46	21.2	0.0212	
1/23/2025	9:47	26.1	0.0261	
1/23/2025	9:48	68.9	0.0689	
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1/23/2025	9:52	42.3	0.0423	
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1/23/2025	9:56	53.6	0.0536	
1/23/2025	9:57	48.5	0.0485	
1/23/2025	9:58	84.1	0.0841	
1/23/2025	9:59	172	0.172	
1/23/2025	10:00	77.4	0.0774	
1/23/2025	10:01	97.8	0.0978	
1/23/2025	10:02	42.8	0.0428	
1/23/2025	10:03	93.8	0.0938	
1/23/2025	10:04	73.4	0.0734	
1/23/2025	10:05	16	0.016	
1/23/2025	10:06	107.7	0.1077	
1/23/2025	10:07	32	0.032	
1/23/2025	10:08	90.7	0.0907	0.0712
1/23/2025	10:09	66.9	0.0669	
1/23/2025	10:10	112.7	0.1127	
1/23/2025	10:11	29.1	0.0291	
1/23/2025	10:12	27.8	0.0278	
1/23/2025	10:13	52.6	0.0526	
1/23/2025	10:14	61.6	0.0616	
1/23/2025	10:15	48.5	0.0485	

1/23/2025	10:16	46.6	0.0466	
1/23/2025	10:17	53.3	0.0533	
1/23/2025	10:18	56.3	0.0563	
1/23/2025	10:19	70.1	0.0701	
1/23/2025	10:20	58.6	0.0586	
1/23/2025	10:21	53.1	0.0531	
1/23/2025	10:22	44	0.044	
1/23/2025	10:23	54.9	0.0549	0.05574
1/23/2025	10:24	61.9	0.0619	
1/23/2025	10:25	45	0.045	
1/23/2025	10:26	75.6	0.0756	
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1/23/2025	10:28	44.6	0.0446	
1/23/2025	10:29	50.1	0.0501	
1/23/2025	10:30	44.5	0.0445	
1/23/2025	10:31	48.4	0.0484	
1/23/2025	10:32	48.7	0.0487	
1/23/2025	10:33	56.6	0.0566	
1/23/2025	10:34	53.4	0.0534	
1/23/2025	10:35	71.4	0.0714	
1/23/2025	10:36	64.2	0.0642	
1/23/2025	10:37	55	0.055	
1/23/2025	10:38	55.8	0.0558	0.055373333
1/23/2025	10:39	58.7	0.0587	
1/23/2025	10:40	59.6	0.0596	
1/23/2025	10:41	56.6	0.0566	
1/23/2025	10:42	39.3	0.0393	
1/23/2025	10:43	63.5	0.0635	
1/23/2025	10:44	59.3	0.0593	
1/23/2025	10:45	41.1	0.0411	
1/23/2025	10:46	37.2	0.0372	
1/23/2025	10:47	41.3	0.0413	
1/23/2025	10:48	73.8	0.0738	
1/23/2025	10:49	44.1	0.0441	
1/23/2025	10:50	64.1	0.0641	
1/23/2025	10:51	41.7	0.0417	
1/23/2025	10:52	49.9	0.0499	
1/23/2025	10:53	45.7	0.0457	0.051726667
1/23/2025	10:54	41.2	0.0412	
1/23/2025	10:55	47.7	0.0477	
1/23/2025	10:56	75	0.075	
1/23/2025	10:57	60.3	0.0603	
1/23/2025	10:58	69.8	0.0698	
1/23/2025	10:59	63.4	0.0634	

1/23/2025	11:00	41.8	0.0418	
1/23/2025	11:01	47.4	0.0474	
1/23/2025	11:02	57.5	0.0575	
1/23/2025	11:03	27.3	0.0273	
1/23/2025	11:04	34.1	0.0341	
1/23/2025	11:05	42.3	0.0423	
1/23/2025	11:06	61.1	0.0611	
1/23/2025	11:07	56.6	0.0566	
1/23/2025	11:08	46.3	0.0463	0.051453333
1/23/2025	11:09	42.9	0.0429	
1/23/2025	11:10	52.9	0.0529	
1/23/2025	11:11	64.5	0.0645	
1/23/2025	11:12	32.1	0.0321	
1/23/2025	11:13	47.7	0.0477	
1/23/2025	11:14	38.2	0.0382	
1/23/2025	11:15	72.8	0.0728	
1/23/2025	11:16	56.4	0.0564	
1/23/2025	11:17	40.2	0.0402	
1/23/2025	11:18	35.6	0.0356	
1/23/2025	11:19	27.7	0.0277	
1/23/2025	11:20	88.2	0.0882	
1/23/2025	11:21	111.2	0.1112	
1/23/2025	11:22	112.4	0.1124	
1/23/2025	11:23	95.7	0.0957	0.061233333
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1/23/2025	11:25	46.9	0.0469	
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1/23/2025	11:43	59.8	0.0598	

1/23/2025	11:44	75.2	0.0752	
1/23/2025	11:45	31.3	0.0313	
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1/23/2025	11:47	92.3	0.0923	
1/23/2025	11:48	114.1	0.1141	
1/23/2025	11:49	35.2	0.0352	
1/23/2025	11:50	59.1	0.0591	
1/23/2025	11:51	93.2	0.0932	
1/23/2025	11:52	39.6	0.0396	
1/23/2025	11:53	66.9	0.0669	0.064593333
1/23/2025	11:54	88.5	0.0885	
1/23/2025	11:55	28.9	0.0289	
1/23/2025	11:56	45.2	0.0452	
1/23/2025	11:57	48	0.048	
1/23/2025	11:58	49.4	0.0494	
1/23/2025	11:59	82.7	0.0827	
1/23/2025	12:00	72.2	0.0722	
1/23/2025	12:01	91.1	0.0911	
1/23/2025	12:02	46	0.046	
1/23/2025	12:03	105.5	0.1055	
1/23/2025	12:04	28.6	0.0286	
1/23/2025	12:05	48.5	0.0485	
1/23/2025	12:06	80	0.08	
1/23/2025	12:07	44.6	0.0446	
1/23/2025	12:08	64.3	0.0643	0.061566667
1/23/2025	12:09	37.8	0.0378	
1/23/2025	12:10	82.7	0.0827	
1/23/2025	12:11	35.2	0.0352	
1/23/2025	12:12	24.4	0.0244	
1/23/2025	12:13	94.4	0.0944	
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1/23/2025	12:17	27.4	0.0274	
1/23/2025	12:18	31.1	0.0311	
1/23/2025	12:19	40.2	0.0402	
1/23/2025	12:20	45.3	0.0453	
1/23/2025	12:21	35	0.035	
1/23/2025	12:22	37	0.037	
1/23/2025	12:23	58.9	0.0589	0.04462
1/23/2025	12:24	66.6	0.0666	
1/23/2025	12:25	75.9	0.0759	
1/23/2025	12:26	43.4	0.0434	
1/23/2025	12:27	69.7	0.0697	

1/23/2025	12:28	37.4	0.0374	
1/23/2025	12:29	38.8	0.0388	
1/23/2025	12:30	38.2	0.0382	
1/23/2025	12:31	35.2	0.0352	
1/23/2025	12:32	107.2	0.1072	
1/23/2025	12:33	62.9	0.0629	
1/23/2025	12:34	109.3	0.1093	
1/23/2025	12:35	100	0.1	
1/23/2025	12:36	110.7	0.1107	
1/23/2025	12:37	140	0.14	
1/23/2025	12:38	105.6	0.1056	0.07606
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1/23/2025	12:40	110.5	0.1105	
1/23/2025	12:41	131.8	0.1318	
1/23/2025	12:42	149.7	0.1497	
1/23/2025	12:43	68.9	0.0689	
1/23/2025	12:44	81.1	0.0811	
1/23/2025	12:45	52.3	0.0523	
1/23/2025	12:46	75.2	0.0752	
1/23/2025	12:47	37.4	0.0374	
1/23/2025	12:48	35.4	0.0354	
1/23/2025	12:49	54.7	0.0547	
1/23/2025	12:50	88.9	0.0889	
1/23/2025	12:51	56.7	0.0567	
1/23/2025	12:52	32.1	0.0321	
1/23/2025	12:53	51.9	0.0519	0.0775
1/23/2025	12:54	56.1	0.0561	
1/23/2025	12:55	31.6	0.0316	
1/23/2025	12:56	43.4	0.0434	
1/23/2025	12:57	67.5	0.0675	
1/23/2025	12:58	79.9	0.0799	
1/23/2025	12:59	29.7	0.0297	
1/23/2025	13:00	66.3	0.0663	
1/23/2025	13:01	106.3	0.1063	
1/23/2025	13:02	127.3	0.1273	
1/23/2025	13:03	54.5	0.0545	
1/23/2025	13:04	98.4	0.0984	
1/23/2025	13:05	161	0.161	
1/23/2025	13:06	21.8	0.0218	
1/23/2025	13:07	13.7	0.0137	
1/23/2025	13:08	85	0.085	0.0695
1/23/2025	13:09	33.4	0.0334	
1/23/2025	13:10	103.6	0.1036	
1/23/2025	13:11	83	0.083	

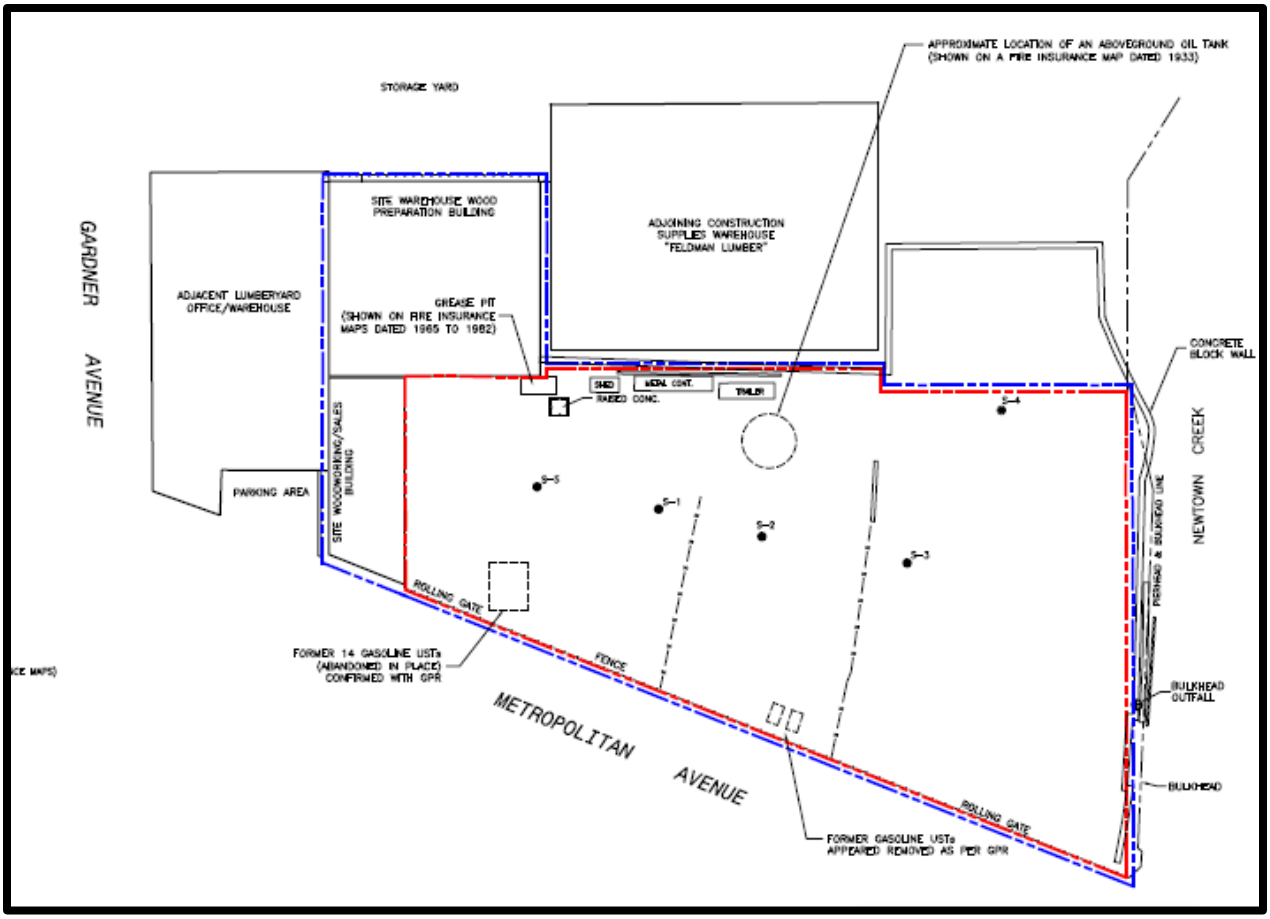
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1/23/2025	13:22	39.2	0.0392	
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1/23/2025	13:25	61.6	0.0616	
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1/23/2025	13:29	52.9	0.0529	
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1/23/2025	13:31	30	0.03	
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1/23/2025	13:39	65.5	0.0655	
1/23/2025	13:40	105.2	0.1052	
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1/23/2025	13:43	31.3	0.0313	
1/23/2025	13:44	24.9	0.0249	
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1/23/2025	13:46	32	0.032	
1/23/2025	13:47	16.5	0.0165	
1/23/2025	13:48	99	0.099	
1/23/2025	13:49	65.5	0.0655	
1/23/2025	13:50	103	0.103	
1/23/2025	13:51	47.9	0.0479	
1/23/2025	13:52	148	0.148	
1/23/2025	13:53	133.5	0.1335	0.07052
1/23/2025	13:54	114.4	0.1144	
1/23/2025	13:55	84.3	0.0843	

1/23/2025	13:56	157.6	0.1576	
1/23/2025	13:57	150.9	0.1509	
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1/23/2025	13:59	32.8	0.0328	
1/23/2025	14:00	47.4	0.0474	
1/23/2025	14:01	31.4	0.0314	
1/23/2025	14:02	29.2	0.0292	
1/23/2025	14:03	35.6	0.0356	
1/23/2025	14:04	37.7	0.0377	
1/23/2025	14:05	29.3	0.0293	
1/23/2025	14:06	29.4	0.0294	
1/23/2025	14:07	59.6	0.0596	
1/23/2025	14:08	77.3	0.0773	0.074486667
1/23/2025	14:09	61.9	0.0619	
1/23/2025	14:10	46.9	0.0469	
1/23/2025	14:11	53.3	0.0533	
1/23/2025	14:12	45.3	0.0453	
1/23/2025	14:13	31.3	0.0313	
1/23/2025	14:14	64	0.064	
1/23/2025	14:15	30.4	0.0304	
1/23/2025	14:16	33.1	0.0331	
1/23/2025	14:17	51	0.051	
1/23/2025	14:18	39.3	0.0393	
1/23/2025	14:19	53.6	0.0536	
1/23/2025	14:20	54.4	0.0544	
1/23/2025	14:21	50.4	0.0504	
1/23/2025	14:22	26.8	0.0268	
1/23/2025	14:23	26.7	0.0267	0.04456
1/23/2025	14:24	41.7	0.0417	
1/23/2025	14:25	39.9	0.0399	
1/23/2025	14:26	48.8	0.0488	
1/23/2025	14:27	46.8	0.0468	
1/23/2025	14:28	33.5	0.0335	
1/23/2025	14:29	42.2	0.0422	

Daily Air Monitoring Report

January 30, 2025

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, NY 11237



Prepared for: 1301 Metro- 255, LLC
1301 Metro- Triple JQ, LLC
1301 Metro- Rudolph Q, LLC
213-19 99th Avenue
Queens Village, NY 11429

Prepared by: EnviroTrac Ltd.
5 Old Dock Road, Yaphank, NY 11980

DAILY STATUS REPORT

Prepared By: Dylan Moscarella

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32	x	32-50		50-70		70-85		>85	

Project No.:		Winds From W @ 10 mph	Date:	1/30/2025
Project Name:	1301 Metropolitan Avenue, Brooklyn, New York			

Consultant:
Dylan Moscarella
EnviroTrac Ltd.

Work Activities Performed (Since Last Report):

EnviroTrac personnel conducted an enhanced fluid recovery (EFR) event on well MW-10 and provided environmental oversight for a test pit excavation near MW-10. The test pit was conducted to identify any potential source of LNAPL at MW-10, such as a potential UST. An anomaly was identified in the area of MW-10 during a geophysical survey of this area. No UST was identified in the test pit; however, LNAPL was present on top of the water table, within the saturated zone. No grossly contaminated soil was observed within the unsaturated zone soil for the test pit. The unsaturated zone was observed to be separated from the saturated zone with the LNAPL by a wood barrier (cribbing). Therefore, the soils were placed back into the test pit excavation. Community Air Monitoring Plan (CAMP) was performed during activities on site. CAMP equipment was placed at an upwind and downwind location in relation to the excavation and 15-minute averages were recorded during this period.

Air Monitoring

	Maximum 15 Minute Average	
	VOC's (ppm)	PM-10 (mg/m^3)
Construction Down Wind	0.0	0.0750
Construction Up Wind	0.0	0.0410

Exceedances (Since Last Report): No exceedances.

Problems Encountered: No problems encountered.

Planned Activities for the Next Day/ Week:
- Conduct an enhanced fluid recovery (EFR) event at MW-10.

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



Enhanced fluid recovery (EFR) event conducted on well MW-10.

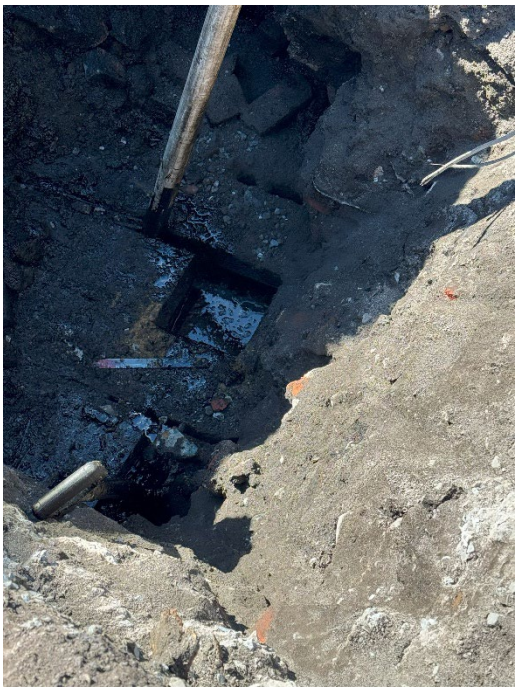


View of test pit excavation.

EnviroTrac

Photographic Documentation

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the excavation with the LNAPL separated by the wood barrier (cribbing).



View of the metal debris removed from the test pit.

11/30/25

N
W E
S

STORAGE YARD

APPROXIMATE LOCATION OF AN ABOVEGROUND OIL TANK (SHOWN ON A FIRE INSURANCE MAP DATED 1933)

SITE WAREHOUSE WOOD PREPARATION BUILDING

ADJOINING CONSTRUCTION SUPPLIES WAREHOUSE "FELDMAN LUMBER"

ADJACENT LUMBERYARD OFFICE/WAREHOUSE

GREASE PIT (SHOWN ON FIRE INSURANCE MAPS DATED 1965 TO 1982)

SHED

METAL CONT.

TRAILER

RAISED CONC.

CONCRETE BLOCK WALL

GARDNER AVENUE

SITE WOODWORKING/SALES BUILDING

PARKING AREA

ROLLING GATE

FENCE

FORMER 14 GASOLINE USTs (ABANDONED IN PLACE) CONFIRMED WITH GPR

METROPOLITAN AVENUE

FORMER GASOLINE USTs APPEARED REMOVED AS PER GPR

ROLLING GATE

NEWTOWN CREEK

PIERHEAD & BULKHEAD LINE

BULKHEAD OUTFALL

BULKHEAD

Daily Air Monitoring Log

Project Name: Metro

Date: 1/30/25

Project Location: 1301 Metropolitan Ave

Temperature: 30°

Wind Speed: 10mph

Wind Direction: E

Background Data: Upwind - PID 0.0 ppm

Upwind Dust Meter 1 - 0.0149 mg/m^3

Downwind - PID 0.0 ppm

Dust Meter 2 - 0.0171 mg/m^3 Downwind

Time	Downwind		Upwind		Workzone	
	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3
7:00	0.0		0.0			
7:15	0.2		0.1			
7:30	0.1		0.0			
7:45	0.0		0.0			
8:00	0.1		0.0			
8:15	0.0		0.0			
8:30	0.0		0.0			
8:45						
9:00						
9:15						
9:30						
9:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
1430						
1445						
1500						

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15 minute average (mg/m^3)
1/30/2025	6:55	39	0.039	
1/30/2025	6:56	87.1	0.0871	
1/30/2025	6:57	39.3	0.0393	
1/30/2025	6:58	48.9	0.0489	
1/30/2025	6:59	51.3	0.0513	
1/30/2025	7:00	30	0.03	
1/30/2025	7:01	41.8	0.0418	
1/30/2025	7:02	32.6	0.0326	
1/30/2025	7:03	26.9	0.0269	
1/30/2025	7:04	26.8	0.0268	
1/30/2025	7:05	30.3	0.0303	
1/30/2025	7:06	49.1	0.0491	
1/30/2025	7:07	54	0.054	
1/30/2025	7:08	48.1	0.0481	
1/30/2025	7:09	26.1	0.0261	0.042086667
1/30/2025	7:10	31.4	0.0314	
1/30/2025	7:11	41.9	0.0419	
1/30/2025	7:12	24.8	0.0248	
1/30/2025	7:13	29.6	0.0296	
1/30/2025	7:14	72.7	0.0727	
1/30/2025	7:15	48.3	0.0483	
1/30/2025	7:16	46.7	0.0467	
1/30/2025	7:17	52.6	0.0526	
1/30/2025	7:18	46.6	0.0466	
1/30/2025	7:19	23	0.023	
1/30/2025	7:20	24.9	0.0249	
1/30/2025	7:21	20.7	0.0207	
1/30/2025	7:22	19.4	0.0194	
1/30/2025	7:23	30.9	0.0309	
1/30/2025	7:24	29.2	0.0292	0.03618
1/30/2025	7:25	44.6	0.0446	
1/30/2025	7:26	45.6	0.0456	
1/30/2025	7:27	96.3	0.0963	
1/30/2025	7:28	87	0.087	
1/30/2025	7:29	91	0.091	
1/30/2025	7:30	100.8	0.1008	
1/30/2025	7:31	49.1	0.0491	
1/30/2025	7:32	59.1	0.0591	
1/30/2025	7:33	82.9	0.0829	
1/30/2025	7:34	95.6	0.0956	

1/30/2025	7:35	92.2	0.0922	
1/30/2025	7:36	93	0.093	
1/30/2025	7:37	80	0.08	
1/30/2025	7:38	73.4	0.0734	
1/30/2025	7:39	35.6	0.0356	0.07508
1/30/2025	7:40	109.9	0.1099	
1/30/2025	7:41	86.1	0.0861	
1/30/2025	7:42	83.8	0.0838	
1/30/2025	7:43	76.2	0.0762	
1/30/2025	7:44	58.8	0.0588	
1/30/2025	7:45	86.6	0.0866	
1/30/2025	7:46	75.2	0.0752	
1/30/2025	7:47	35.7	0.0357	
1/30/2025	7:48	130.9	0.1309	
1/30/2025	7:49	114.2	0.1142	
1/30/2025	7:50	64.3	0.0643	
1/30/2025	7:51	36.4	0.0364	
1/30/2025	7:52	76.2	0.0762	
1/30/2025	7:53	49.3	0.0493	
1/30/2025	7:54	34.2	0.0342	0.07452
1/30/2025	7:55	46.2	0.0462	
1/30/2025	7:56	59.5	0.0595	
1/30/2025	7:57	62.3	0.0623	
1/30/2025	7:58	68.2	0.0682	
1/30/2025	7:59	41.9	0.0419	
1/30/2025	8:00	50	0.05	
1/30/2025	8:01	123.8	0.1238	
1/30/2025	8:02	145.8	0.1458	
1/30/2025	8:03	55.5	0.0555	
1/30/2025	8:04	55.1	0.0551	
1/30/2025	8:05	29.1	0.0291	
1/30/2025	8:06	41.1	0.0411	
1/30/2025	8:07	59.9	0.0599	
1/30/2025	8:08	47.1	0.0471	
1/30/2025	8:09	48.8	0.0488	0.062286667
1/30/2025	8:10	39.6	0.0396	
1/30/2025	8:11	26.1	0.0261	
1/30/2025	8:12	49.7	0.0497	
1/30/2025	8:13	57.7	0.0577	
1/30/2025	8:14	29.2	0.0292	
1/30/2025	8:15	28.6	0.0286	
1/30/2025	8:16	69.5	0.0695	
1/30/2025	8:17	33.1	0.0331	
1/30/2025	8:18	41.5	0.0415	

1/30/2025	8:19	87.3	0.0873	
1/30/2025	8:20	71.7	0.0717	
1/30/2025	8:21	58.4	0.0584	
1/30/2025	8:22	60.6	0.0606	
1/30/2025	8:23	62.9	0.0629	
1/30/2025	8:24	41.5	0.0415	0.050493333
1/30/2025	8:25	41.5	0.0415	
1/30/2025	8:26	34.9	0.0349	
1/30/2025	8:27	41.8	0.0418	
1/30/2025	8:28	14.8	0.0148	
1/30/2025	8:29	38.4	0.0384	
1/30/2025	8:30	37.5	0.0375	
1/30/2025	8:31	30.9	0.0309	
1/30/2025	8:32	60.2	0.0602	
1/30/2025	8:33	68.4	0.0684	
1/30/2025	8:34	135.6	0.1356	
1/30/2025	8:35	22.1	0.0221	
1/30/2025	8:36	43.3	0.0433	
1/30/2025	8:37	25.4	0.0254	
1/30/2025	8:38	30.4	0.0304	
1/30/2025	8:39	28.8	0.0288	0.0436
1/30/2025	8:40	80.4	0.0804	
1/30/2025	8:41	40.1	0.0401	
1/30/2025	8:42	40.1	0.0401	
1/30/2025	8:43	35.9	0.0359	
1/30/2025	8:44	20.5	0.0205	
1/30/2025	8:45	54.3	0.0543	
1/30/2025	8:46	48.5	0.0485	
1/30/2025	8:47	26.5	0.0265	
1/30/2025	8:48	94.3	0.0943	
1/30/2025	8:49	43.8	0.0438	
1/30/2025	8:50	55.9	0.0559	
1/30/2025	8:51	49.1	0.0491	
1/30/2025	8:52	43.8	0.0438	
1/30/2025	8:53	59.2	0.0592	
1/30/2025	8:54	39.6	0.0396	0.0488
1/30/2025	8:55	29.9	0.0299	
1/30/2025	8:56	52.6	0.0526	
1/30/2025	8:57	49.3	0.0493	
1/30/2025	8:58	74.6	0.0746	
1/30/2025	8:59	22.3	0.0223	
1/30/2025	9:00	27.3	0.0273	
1/30/2025	9:01	14.9	0.0149	
1/30/2025	9:02	27.3	0.0273	

1/30/2025	9:03	37.2	0.0372	
1/30/2025	9:04	24.5	0.0245	
1/30/2025	9:05	40.6	0.0406	
1/30/2025	9:06	48.6	0.0486	
1/30/2025	9:07	29	0.029	
1/30/2025	9:08	34.9	0.0349	
1/30/2025	9:09	152.6	0.1526	0.044373333
1/30/2025	9:10	41.5	0.0415	
1/30/2025	9:11	42.4	0.0424	
1/30/2025	9:12	58.9	0.0589	
1/30/2025	9:13	39.8	0.0398	
1/30/2025	9:14	32.3	0.0323	
1/30/2025	9:15	40.6	0.0406	
1/30/2025	9:16	36.8	0.0368	
1/30/2025	9:17	39.6	0.0396	
1/30/2025	9:18	35.7	0.0357	
1/30/2025	9:19	26.1	0.0261	
1/30/2025	9:20	49.9	0.0499	
1/30/2025	9:21	34.1	0.0341	
1/30/2025	9:22	53.9	0.0539	
1/30/2025	9:23	34.6	0.0346	
1/30/2025	9:24	47.8	0.0478	0.040933333
1/30/2025	9:25	27.2	0.0272	
1/30/2025	9:26	25.1	0.0251	
1/30/2025	9:27	47	0.047	
1/30/2025	9:28	32.6	0.0326	
1/30/2025	9:29	32.7	0.0327	
1/30/2025	9:30	34.3	0.0343	
1/30/2025	9:31	28.2	0.0282	
1/30/2025	9:32	84.8	0.0848	
1/30/2025	9:33	27.4	0.0274	
1/30/2025	9:34	26.5	0.0265	
1/30/2025	9:35	28.6	0.0286	
1/30/2025	9:36	91.1	0.0911	
1/30/2025	9:37	46.6	0.0466	
1/30/2025	9:38	37.7	0.0377	
1/30/2025	9:39	45.8	0.0458	0.04104
1/30/2025	9:40	29.4	0.0294	
1/30/2025	9:41	21	0.021	
1/30/2025	9:42	43.7	0.0437	
1/30/2025	9:43	45.6	0.0456	
1/30/2025	9:44	44.8	0.0448	
1/30/2025	9:45	53.6	0.0536	
1/30/2025	9:46	50.3	0.0503	

1/30/2025	9:47	29.6	0.0296	
1/30/2025	9:48	21	0.021	
1/30/2025	9:49	46.2	0.0462	
1/30/2025	9:50	22.7	0.0227	
1/30/2025	9:51	42.7	0.0427	
1/30/2025	9:52	35.8	0.0358	
1/30/2025	9:53	34.2	0.0342	
1/30/2025	9:54	169.2	0.1692	0.045986667
1/30/2025	9:55	86.9	0.0869	
1/30/2025	9:56	55	0.055	
1/30/2025	9:57	64.5	0.0645	
1/30/2025	9:58	36	0.036	
1/30/2025	9:59	35.9	0.0359	
1/30/2025	10:00	25	0.025	
1/30/2025	10:01	44.5	0.0445	
1/30/2025	10:02	40.6	0.0406	
1/30/2025	10:03	36.6	0.0366	
1/30/2025	10:04	89.1	0.0891	
1/30/2025	10:05	51.8	0.0518	
1/30/2025	10:06	115.7	0.1157	
1/30/2025	10:07	102.6	0.1026	
1/30/2025	10:08	68.2	0.0682	
1/30/2025	10:09	49.7	0.0497	0.06014
1/30/2025	10:10	55.9	0.0559	
1/30/2025	10:11	51.1	0.0511	
1/30/2025	10:12	40.1	0.0401	
1/30/2025	10:13	26.6	0.0266	
1/30/2025	10:14	81.8	0.0818	
1/30/2025	10:15	60.2	0.0602	
1/30/2025	10:16	38.6	0.0386	
1/30/2025	10:17	37.1	0.0371	
1/30/2025	10:18	25.4	0.0254	
1/30/2025	10:19	41.4	0.0414	
1/30/2025	10:20	38.3	0.0383	
1/30/2025	10:21	141.6	0.1416	
1/30/2025	10:22	34.7	0.0347	
1/30/2025	10:23	28.2	0.0282	
1/30/2025	10:24	14.8	0.0148	0.04772
1/30/2025	10:25	31.6	0.0316	
1/30/2025	10:26	58.7	0.0587	
1/30/2025	10:27	24.6	0.0246	
1/30/2025	10:28	19.3	0.0193	
1/30/2025	10:29	14.7	0.0147	
1/30/2025	10:30	29.2	0.0292	

1/30/2025	10:31	24.3	0.0243	
1/30/2025	10:32	20.8	0.0208	
1/30/2025	10:33	20.5	0.0205	
1/30/2025	10:34	17.4	0.0174	
1/30/2025	10:35	31.4	0.0314	
1/30/2025	10:36	22.1	0.0221	
1/30/2025	10:37	34.1	0.0341	
1/30/2025	10:38	17.3	0.0173	
1/30/2025	10:39	14.7	0.0147	0.02538
1/30/2025	10:40	24.2	0.0242	
1/30/2025	10:41	35.5	0.0355	
1/30/2025	10:42	28.3	0.0283	
1/30/2025	10:43	22.9	0.0229	
1/30/2025	10:44	21.7	0.0217	
1/30/2025	10:45	22.7	0.0227	
1/30/2025	10:46	76.6	0.0766	
1/30/2025	10:47	13.9	0.0139	
1/30/2025	10:48	15.5	0.0155	
1/30/2025	10:49	83.2	0.0832	
1/30/2025	10:50	27.1	0.0271	
1/30/2025	10:51	26.2	0.0262	
1/30/2025	10:52	23.5	0.0235	
1/30/2025	10:53	19.3	0.0193	
1/30/2025	10:54	27.4	0.0274	0.0312
1/30/2025	10:55	50	0.05	
1/30/2025	10:56	29.6	0.0296	
1/30/2025	10:57	15	0.015	
1/30/2025	10:58	68	0.068	
1/30/2025	10:59	33.7	0.0337	
1/30/2025	11:00	31.8	0.0318	
1/30/2025	11:01	38.9	0.0389	
1/30/2025	11:02	24.8	0.0248	
1/30/2025	11:03	22.9	0.0229	
1/30/2025	11:04	14.2	0.0142	
1/30/2025	11:05	21.2	0.0212	
1/30/2025	11:06	19.8	0.0198	
1/30/2025	11:07	23.7	0.0237	
1/30/2025	11:08	12.8	0.0128	
1/30/2025	11:09	18.9	0.0189	0.028353333
1/30/2025	11:10	38.2	0.0382	
1/30/2025	11:11	234.1	0.2341	
1/30/2025	11:12	29.9	0.0299	
1/30/2025	11:13	30.4	0.0304	
1/30/2025	11:14	18.2	0.0182	

1/30/2025	11:15	22.9	0.0229	
1/30/2025	11:16	25.5	0.0255	
1/30/2025	11:17	23.2	0.0232	
1/30/2025	11:18	23	0.023	
1/30/2025	11:19	32.5	0.0325	
1/30/2025	11:20	18.6	0.0186	
1/30/2025	11:21	32.4	0.0324	
1/30/2025	11:22	28.3	0.0283	
1/30/2025	11:23	29.1	0.0291	
1/30/2025	11:24	23.9	0.0239	0.04068
1/30/2025	11:25	21.9	0.0219	
1/30/2025	11:26	11.4	0.0114	
1/30/2025	11:27	32.1	0.0321	
1/30/2025	11:28	12.1	0.0121	
1/30/2025	11:29	26.1	0.0261	
1/30/2025	11:30	24.9	0.0249	
1/30/2025	11:31	26.4	0.0264	
1/30/2025	11:32	31.5	0.0315	
1/30/2025	11:33	44.9	0.0449	
1/30/2025	11:34	44.6	0.0446	
1/30/2025	11:35	32.6	0.0326	
1/30/2025	11:36	18.1	0.0181	
1/30/2025	11:37	20.8	0.0208	
1/30/2025	11:38	29.7	0.0297	
1/30/2025	11:39	32.9	0.0329	0.027333333
1/30/2025	11:40	24.4	0.0244	
1/30/2025	11:41	27.3	0.0273	
1/30/2025	11:42	17.9	0.0179	
1/30/2025	11:43	28	0.028	
1/30/2025	11:44	35.6	0.0356	
1/30/2025	11:45	89	0.089	
1/30/2025	11:46	30.4	0.0304	
1/30/2025	11:47	23.3	0.0233	
1/30/2025	11:48	18.4	0.0184	
1/30/2025	11:49	16.2	0.0162	
1/30/2025	11:50	14.2	0.0142	
1/30/2025	11:51	13	0.013	
1/30/2025	11:52	13.7	0.0137	
1/30/2025	11:53	28.3	0.0283	
1/30/2025	11:54	21.4	0.0214	0.02674
1/30/2025	11:55	27.2	0.0272	
1/30/2025	11:56	24.2	0.0242	
1/30/2025	11:57	17.1	0.0171	
1/30/2025	11:58	21	0.021	

1/30/2025	11:59	22.9	0.0229	
1/30/2025	12:00	27.3	0.0273	
1/30/2025	12:01	41.7	0.0417	
1/30/2025	12:02	13.8	0.0138	
1/30/2025	12:03	26.8	0.0268	
1/30/2025	12:04	24	0.024	
1/30/2025	12:05	37.4	0.0374	
1/30/2025	12:06	21.1	0.0211	
1/30/2025	12:07	31.9	0.0319	
1/30/2025	12:08	25.9	0.0259	
1/30/2025	12:09	20.7	0.0207	0.025533333
1/30/2025	12:10	20.3	0.0203	
1/30/2025	12:11	30	0.03	
1/30/2025	12:12	23	0.023	
1/30/2025	12:13	133.6	0.1336	
1/30/2025	12:14	81.1	0.0811	
1/30/2025	12:15	24.6	0.0246	
1/30/2025	12:16	27.2	0.0272	
1/30/2025	12:17	31.9	0.0319	
1/30/2025	12:18	34.2	0.0342	
1/30/2025	12:19	23.1	0.0231	
1/30/2025	12:20	26.4	0.0264	
1/30/2025	12:21	33.2	0.0332	
1/30/2025	12:22	23.1	0.0231	
1/30/2025	12:23	18.8	0.0188	
1/30/2025	12:24	25.8	0.0258	0.037086667
1/30/2025	12:25	10.5	0.0105	
1/30/2025	12:26	17.4	0.0174	
1/30/2025	12:27	13.2	0.0132	
1/30/2025	12:28	29.3	0.0293	
1/30/2025	12:29	20.2	0.0202	
1/30/2025	12:30	19.4	0.0194	
1/30/2025	12:31	17.4	0.0174	
1/30/2025	12:32	12.4	0.0124	
1/30/2025	12:33	28.3	0.0283	
1/30/2025	12:34	14.3	0.0143	
1/30/2025	12:35	13.4	0.0134	
1/30/2025	12:36	29.1	0.0291	
1/30/2025	12:37	48.9	0.0489	
1/30/2025	12:38	41.9	0.0419	
1/30/2025	12:39	21.7	0.0217	0.022493333
1/30/2025	12:40	24.7	0.0247	
1/30/2025	12:41	18.9	0.0189	
1/30/2025	12:42	14.8	0.0148	

1/30/2025	12:43	32.3	0.0323	
1/30/2025	12:44	33.1	0.0331	
1/30/2025	12:45	24.5	0.0245	
1/30/2025	12:46	19.7	0.0197	
1/30/2025	12:47	16.1	0.0161	
1/30/2025	12:48	14.8	0.0148	
1/30/2025	12:49	15.5	0.0155	
1/30/2025	12:50	21.2	0.0212	
1/30/2025	12:51	27.8	0.0278	
1/30/2025	12:52	19.6	0.0196	
1/30/2025	12:53	15.5	0.0155	
1/30/2025	12:54	11.3	0.0113	0.020653333
1/30/2025	12:55	11.9	0.0119	
1/30/2025	12:56	16.2	0.0162	
1/30/2025	12:57	14.5	0.0145	
1/30/2025	12:58	10.1	0.0101	
1/30/2025	12:59	14.2	0.0142	
1/30/2025	13:00	8.8	0.0088	
1/30/2025	13:01	10.4	0.0104	
1/30/2025	13:02	24	0.024	
1/30/2025	13:03	14.4	0.0144	
1/30/2025	13:04	8.2	0.0082	
1/30/2025	13:05	12.2	0.0122	
1/30/2025	13:06	12.9	0.0129	
1/30/2025	13:07	11.7	0.0117	
1/30/2025	13:08	8.3	0.0083	
1/30/2025	13:09	18	0.018	0.013053333
1/30/2025	13:10	15.7	0.0157	
1/30/2025	13:11	15.6	0.0156	
1/30/2025	13:12	15.6	0.0156	
1/30/2025	13:13	24.8	0.0248	
1/30/2025	13:14	22.4	0.0224	
1/30/2025	13:15	17.9	0.0179	
1/30/2025	13:16	19.7	0.0197	
1/30/2025	13:17	25.1	0.0251	
1/30/2025	13:18	18.1	0.0181	
1/30/2025	13:19	13.6	0.0136	
1/30/2025	13:20	12	0.012	
1/30/2025	13:21	6.2	0.0062	
1/30/2025	13:22	8.7	0.0087	
1/30/2025	13:23	13.5	0.0135	
1/30/2025	13:24	26.4	0.0264	0.01702
1/30/2025	13:25	7.6	0.0076	
1/30/2025	13:26	57.6	0.0576	

1/30/2025	13:27	34.7	0.0347	
1/30/2025	13:28	40.1	0.0401	
1/30/2025	13:29	17.2	0.0172	
1/30/2025	13:30	5.8	0.0058	
1/30/2025	13:31	16.3	0.0163	
1/30/2025	13:32	22.4	0.0224	
1/30/2025	13:33	21.3	0.0213	
1/30/2025	13:34	16.5	0.0165	
1/30/2025	13:35	15.3	0.0153	
1/30/2025	13:36	10	0.01	
1/30/2025	13:37	23.6	0.0236	
1/30/2025	13:38	15.1	0.0151	
1/30/2025	13:39	17	0.017	0.021366667
1/30/2025	13:40	13.5	0.0135	
1/30/2025	13:41	19.8	0.0198	
1/30/2025	13:42	14	0.014	
1/30/2025	13:43	13.9	0.0139	
1/30/2025	13:44	8.3	0.0083	
1/30/2025	13:45	8	0.008	
1/30/2025	13:46	8.9	0.0089	
1/30/2025	13:47	5	0.005	
1/30/2025	13:48	6.4	0.0064	
1/30/2025	13:49	8.5	0.0085	
1/30/2025	13:50	10.5	0.0105	
1/30/2025	13:51	9.7	0.0097	
1/30/2025	13:52	13.2	0.0132	
1/30/2025	13:53	27.9	0.0279	
1/30/2025	13:54	19.1	0.0191	0.012446667
1/30/2025	13:55	21.5	0.0215	
1/30/2025	13:56	9.5	0.0095	
1/30/2025	13:57	11.1	0.0111	
1/30/2025	13:58	10.9	0.0109	
1/30/2025	13:59	8	0.008	
1/30/2025	14:00	13.5	0.0135	
1/30/2025	14:01	9.1	0.0091	
1/30/2025	14:02	10.2	0.0102	
1/30/2025	14:03	16.9	0.0169	
1/30/2025	14:04	15.2	0.0152	
1/30/2025	14:05	17.4	0.0174	
1/30/2025	14:06	15.2	0.0152	
1/30/2025	14:07	13.5	0.0135	
1/30/2025	14:08	20.5	0.0205	
1/30/2025	14:09	19.4	0.0194	0.014126667
1/30/2025	14:10	28	0.028	

1/30/2025	14:11	29.1	0.0291	
1/30/2025	14:12	21.4	0.0214	
1/30/2025	14:13	16.8	0.0168	
1/30/2025	14:14	19.6	0.0196	
1/30/2025	14:15	23.2	0.0232	
1/30/2025	14:16	18.7	0.0187	
1/30/2025	14:17	15.9	0.0159	
1/30/2025	14:18	12.2	0.0122	
1/30/2025	14:19	30.8	0.0308	
1/30/2025	14:20	9.6	0.0096	
1/30/2025	14:21	12	0.012	
1/30/2025	14:22	24.1	0.0241	
1/30/2025	14:23	22.3	0.0223	
1/30/2025	14:24	23	0.023	0.020446667
1/30/2025	14:25	13.6	0.0136	
1/30/2025	14:26	20.9	0.0209	
1/30/2025	14:27	7.7	0.0077	
1/30/2025	14:28	11.2	0.0112	
1/30/2025	14:29	8.1	0.0081	
1/30/2025	14:30	10.2	0.0102	
1/30/2025	14:31	12	0.012	
1/30/2025	14:32	12.9	0.0129	
1/30/2025	14:33	8.7	0.0087	
1/30/2025	14:34	9	0.009	
1/30/2025	14:35	9.4	0.0094	
1/30/2025	14:36	14.4	0.0144	
1/30/2025	14:37	15.9	0.0159	
1/30/2025	14:38	25.2	0.0252	
1/30/2025	14:39	17.8	0.0178	0.013133333
1/30/2025	14:40	24.3	0.0243	
1/30/2025	14:41	10.7	0.0107	
1/30/2025	14:42	168.8	0.1688	
1/30/2025	14:43	17.6	0.0176	
1/30/2025	14:44	29.9	0.0299	
1/30/2025	14:45	11.5	0.0115	
1/30/2025	14:46	21.6	0.0216	
1/30/2025	14:47	16.9	0.0169	
1/30/2025	14:48	10.1	0.0101	
1/30/2025	14:49	18.6	0.0186	
1/30/2025	14:50	17.5	0.0175	
1/30/2025	14:51	27	0.027	
1/30/2025	14:52	37.1	0.0371	
1/30/2025	14:53	40.2	0.0402	
1/30/2025	14:54	20.6	0.0206	0.031493333

1/30/2025	14:55	36.4	0.0364
1/30/2025	14:56	25	0.025
1/30/2025	14:57	17.8	0.0178
1/30/2025	14:58	9.2	0.0092
1/30/2025	14:59	9.7	0.0097
1/30/2025	15:00	15.3	0.0153
1/30/2025	15:01	23.9	0.0239
1/30/2025	15:02	16.6	0.0166
1/30/2025	15:03	17.4	0.0174
1/30/2025	15:04	23.7	0.0237
1/30/2025	15:05	14.1	0.0141
1/30/2025	15:06	77.3	0.0773

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15 minute average (mg/m^3)
1/30/2025	6:55	32.3	0.0323	
1/30/2025	6:56	61.3	0.0613	
1/30/2025	6:57	13.2	0.0132	
1/30/2025	6:58	33.5	0.0335	
1/30/2025	6:59	57.4	0.0574	
1/30/2025	7:00	57.4	0.0574	
1/30/2025	7:01	40.4	0.0404	
1/30/2025	7:02	38.5	0.0385	
1/30/2025	7:03	47.1	0.0471	
1/30/2025	7:04	27.9	0.0279	
1/30/2025	7:05	35.7	0.0357	
1/30/2025	7:06	31.1	0.0311	
1/30/2025	7:07	41.7	0.0417	
1/30/2025	7:08	54.4	0.0544	
1/30/2025	7:09	44.1	0.0441	0.041066667
1/30/2025	7:10	47.2	0.0472	
1/30/2025	7:11	25.4	0.0254	
1/30/2025	7:12	16.8	0.0168	
1/30/2025	7:13	17.1	0.0171	
1/30/2025	7:14	29.5	0.0295	
1/30/2025	7:15	25.6	0.0256	
1/30/2025	7:16	19.7	0.0197	
1/30/2025	7:17	19.4	0.0194	
1/30/2025	7:18	34.3	0.0343	
1/30/2025	7:19	9.3	0.0093	
1/30/2025	7:20	11.6	0.0116	
1/30/2025	7:21	8	0.008	
1/30/2025	7:22	40.9	0.0409	
1/30/2025	7:23	12.5	0.0125	
1/30/2025	7:24	12.3	0.0123	0.021973333
1/30/2025	7:25	13.3	0.0133	
1/30/2025	7:26	16.6	0.0166	
1/30/2025	7:27	15.1	0.0151	
1/30/2025	7:28	17	0.017	
1/30/2025	7:29	24.7	0.0247	
1/30/2025	7:30	26.9	0.0269	
1/30/2025	7:31	19.9	0.0199	
1/30/2025	7:32	14	0.014	
1/30/2025	7:33	15	0.015	
1/30/2025	7:34	14.7	0.0147	

1/30/2025	7:35	18.2	0.0182	
1/30/2025	7:36	16.8	0.0168	
1/30/2025	7:37	10.9	0.0109	
1/30/2025	7:38	9.4	0.0094	
1/30/2025	7:39	11.8	0.0118	0.016286667
1/30/2025	7:40	10.5	0.0105	
1/30/2025	7:41	15.3	0.0153	
1/30/2025	7:42	19.7	0.0197	
1/30/2025	7:43	16.8	0.0168	
1/30/2025	7:44	17.2	0.0172	
1/30/2025	7:45	15	0.015	
1/30/2025	7:46	19.5	0.0195	
1/30/2025	7:47	16.5	0.0165	
1/30/2025	7:48	23	0.023	
1/30/2025	7:49	15.8	0.0158	
1/30/2025	7:50	15.5	0.0155	
1/30/2025	7:51	17.9	0.0179	
1/30/2025	7:52	39.6	0.0396	
1/30/2025	7:53	18.1	0.0181	
1/30/2025	7:54	6.8	0.0068	0.017813333
1/30/2025	7:55	11.4	0.0114	
1/30/2025	7:56	15.3	0.0153	
1/30/2025	7:57	15.8	0.0158	
1/30/2025	7:58	19	0.019	
1/30/2025	7:59	9.7	0.0097	
1/30/2025	8:00	14.1	0.0141	
1/30/2025	8:01	93	0.093	
1/30/2025	8:02	26.1	0.0261	
1/30/2025	8:03	9.4	0.0094	
1/30/2025	8:04	7.5	0.0075	
1/30/2025	8:05	8.4	0.0084	
1/30/2025	8:06	13.5	0.0135	
1/30/2025	8:07	11.4	0.0114	
1/30/2025	8:08	8.8	0.0088	
1/30/2025	8:09	11.3	0.0113	0.018313333
1/30/2025	8:10	12.2	0.0122	
1/30/2025	8:11	7.5	0.0075	
1/30/2025	8:12	6.2	0.0062	
1/30/2025	8:13	11.8	0.0118	
1/30/2025	8:14	16.9	0.0169	
1/30/2025	8:15	11.4	0.0114	
1/30/2025	8:16	12.5	0.0125	
1/30/2025	8:17	29.7	0.0297	
1/30/2025	8:18	40.6	0.0406	

1/30/2025	8:19	81.5	0.0815	
1/30/2025	8:20	19.7	0.0197	
1/30/2025	8:21	38.2	0.0382	
1/30/2025	8:22	16.2	0.0162	
1/30/2025	8:23	12.6	0.0126	
1/30/2025	8:24	10.3	0.0103	0.02182
1/30/2025	8:25	19.5	0.0195	
1/30/2025	8:26	7	0.007	
1/30/2025	8:27	25.4	0.0254	
1/30/2025	8:28	19.8	0.0198	
1/30/2025	8:29	49.5	0.0495	
1/30/2025	8:30	14.1	0.0141	
1/30/2025	8:31	13.4	0.0134	
1/30/2025	8:32	10.1	0.0101	
1/30/2025	8:33	66.9	0.0669	
1/30/2025	8:34	57.4	0.0574	
1/30/2025	8:35	12.4	0.0124	
1/30/2025	8:36	8.3	0.0083	
1/30/2025	8:37	9.8	0.0098	
1/30/2025	8:38	10.9	0.0109	
1/30/2025	8:39	16.5	0.0165	0.022733333
1/30/2025	8:40	11.1	0.0111	
1/30/2025	8:41	9.5	0.0095	
1/30/2025	8:42	17.1	0.0171	
1/30/2025	8:43	11.3	0.0113	
1/30/2025	8:44	5.8	0.0058	
1/30/2025	8:45	8.8	0.0088	
1/30/2025	8:46	17.1	0.0171	
1/30/2025	8:47	13.9	0.0139	
1/30/2025	8:48	16.4	0.0164	
1/30/2025	8:49	19	0.019	
1/30/2025	8:50	28.8	0.0288	
1/30/2025	8:51	16.2	0.0162	
1/30/2025	8:52	11.2	0.0112	
1/30/2025	8:53	14.3	0.0143	
1/30/2025	8:54	15.8	0.0158	0.01442
1/30/2025	8:55	15.8	0.0158	
1/30/2025	8:56	19.9	0.0199	
1/30/2025	8:57	14.2	0.0142	
1/30/2025	8:58	10.3	0.0103	
1/30/2025	8:59	17.7	0.0177	
1/30/2025	9:00	10.4	0.0104	
1/30/2025	9:01	10.4	0.0104	
1/30/2025	9:02	11.2	0.0112	

1/30/2025	9:03	17.6	0.0176	
1/30/2025	9:04	11.8	0.0118	
1/30/2025	9:05	11.1	0.0111	
1/30/2025	9:06	7.8	0.0078	
1/30/2025	9:07	20.1	0.0201	
1/30/2025	9:08	15.3	0.0153	
1/30/2025	9:09	24.3	0.0243	0.014526667
1/30/2025	9:10	13.7	0.0137	
1/30/2025	9:11	25.8	0.0258	
1/30/2025	9:12	15.7	0.0157	
1/30/2025	9:13	13.4	0.0134	
1/30/2025	9:14	15.7	0.0157	
1/30/2025	9:15	16.9	0.0169	
1/30/2025	9:16	20.9	0.0209	
1/30/2025	9:17	24.1	0.0241	
1/30/2025	9:18	16.3	0.0163	
1/30/2025	9:19	15.1	0.0151	
1/30/2025	9:20	15.8	0.0158	
1/30/2025	9:21	13.8	0.0138	
1/30/2025	9:22	18	0.018	
1/30/2025	9:23	15.6	0.0156	
1/30/2025	9:24	21.8	0.0218	0.017506667
1/30/2025	9:25	10.6	0.0106	
1/30/2025	9:26	15.5	0.0155	
1/30/2025	9:27	10.4	0.0104	
1/30/2025	9:28	9.3	0.0093	
1/30/2025	9:29	10.4	0.0104	
1/30/2025	9:30	9.8	0.0098	
1/30/2025	9:31	9.2	0.0092	
1/30/2025	9:32	8.6	0.0086	
1/30/2025	9:33	8.7	0.0087	
1/30/2025	9:34	13.6	0.0136	
1/30/2025	9:35	12.3	0.0123	
1/30/2025	9:36	14	0.014	
1/30/2025	9:37	12.2	0.0122	
1/30/2025	9:38	14.8	0.0148	
1/30/2025	9:39	14	0.014	0.01156
1/30/2025	9:40	11	0.011	
1/30/2025	9:41	14.5	0.0145	
1/30/2025	9:42	11.8	0.0118	
1/30/2025	9:43	14.4	0.0144	
1/30/2025	9:44	13.1	0.0131	
1/30/2025	9:45	26.4	0.0264	
1/30/2025	9:46	22.1	0.0221	

1/30/2025	9:47	13.1	0.0131	
1/30/2025	9:48	10.2	0.0102	
1/30/2025	9:49	9.2	0.0092	
1/30/2025	9:50	9.6	0.0096	
1/30/2025	9:51	15.3	0.0153	
1/30/2025	9:52	16.7	0.0167	
1/30/2025	9:53	11	0.011	
1/30/2025	9:54	9.9	0.0099	0.013886667
1/30/2025	9:55	19.4	0.0194	
1/30/2025	9:56	18.9	0.0189	
1/30/2025	9:57	15.2	0.0152	
1/30/2025	9:58	19.7	0.0197	
1/30/2025	9:59	13.9	0.0139	
1/30/2025	10:00	13.2	0.0132	
1/30/2025	10:01	16.1	0.0161	
1/30/2025	10:02	18.2	0.0182	
1/30/2025	10:03	16.5	0.0165	
1/30/2025	10:04	31.5	0.0315	
1/30/2025	10:05	53	0.053	
1/30/2025	10:06	30.5	0.0305	
1/30/2025	10:07	18.2	0.0182	
1/30/2025	10:08	16.5	0.0165	
1/30/2025	10:09	21.9	0.0219	0.021513333
1/30/2025	10:10	22.5	0.0225	
1/30/2025	10:11	12.7	0.0127	
1/30/2025	10:12	14.4	0.0144	
1/30/2025	10:13	11.8	0.0118	
1/30/2025	10:14	14.6	0.0146	
1/30/2025	10:15	20.8	0.0208	
1/30/2025	10:16	19.7	0.0197	
1/30/2025	10:17	27	0.027	
1/30/2025	10:18	33.9	0.0339	
1/30/2025	10:19	18.1	0.0181	
1/30/2025	10:20	17.5	0.0175	
1/30/2025	10:21	14.1	0.0141	
1/30/2025	10:22	17.7	0.0177	
1/30/2025	10:23	13.9	0.0139	
1/30/2025	10:24	14.3	0.0143	0.0182
1/30/2025	10:25	15.4	0.0154	
1/30/2025	10:26	18.8	0.0188	
1/30/2025	10:27	7.8	0.0078	
1/30/2025	10:28	10.9	0.0109	
1/30/2025	10:29	6.3	0.0063	
1/30/2025	10:30	10.4	0.0104	

1/30/2025	10:31	7.6	0.0076	
1/30/2025	10:32	8.7	0.0087	
1/30/2025	10:33	9.9	0.0099	
1/30/2025	10:34	11.2	0.0112	
1/30/2025	10:35	12.5	0.0125	
1/30/2025	10:36	12	0.012	
1/30/2025	10:37	8.5	0.0085	
1/30/2025	10:38	6.1	0.0061	
1/30/2025	10:39	11.5	0.0115	0.010506667
1/30/2025	10:40	7.1	0.0071	
1/30/2025	10:41	8.8	0.0088	
1/30/2025	10:42	11.1	0.0111	
1/30/2025	10:43	13.3	0.0133	
1/30/2025	10:44	7.5	0.0075	
1/30/2025	10:45	8	0.008	
1/30/2025	10:46	9.4	0.0094	
1/30/2025	10:47	11.5	0.0115	
1/30/2025	10:48	15	0.015	
1/30/2025	10:49	12.9	0.0129	
1/30/2025	10:50	7.5	0.0075	
1/30/2025	10:51	14.7	0.0147	
1/30/2025	10:52	9.4	0.0094	
1/30/2025	10:53	8.5	0.0085	
1/30/2025	10:54	9.6	0.0096	0.010286667
1/30/2025	10:55	19.8	0.0198	
1/30/2025	10:56	12.5	0.0125	
1/30/2025	10:57	7.4	0.0074	
1/30/2025	10:58	10.1	0.0101	
1/30/2025	10:59	12.3	0.0123	
1/30/2025	11:00	12.9	0.0129	
1/30/2025	11:01	10	0.01	
1/30/2025	11:02	12.2	0.0122	
1/30/2025	11:03	10.5	0.0105	
1/30/2025	11:04	12.3	0.0123	
1/30/2025	11:05	16.8	0.0168	
1/30/2025	11:06	14.5	0.0145	
1/30/2025	11:07	14.8	0.0148	
1/30/2025	11:08	10.8	0.0108	
1/30/2025	11:09	9.3	0.0093	0.012413333
1/30/2025	11:10	10	0.01	
1/30/2025	11:11	12	0.012	
1/30/2025	11:12	12	0.012	
1/30/2025	11:13	10.7	0.0107	
1/30/2025	11:14	6.7	0.0067	

1/30/2025	11:15	11.9	0.0119	
1/30/2025	11:16	10	0.01	
1/30/2025	11:17	12.6	0.0126	
1/30/2025	11:18	9.7	0.0097	
1/30/2025	11:19	7.6	0.0076	
1/30/2025	11:20	8.9	0.0089	
1/30/2025	11:21	11.7	0.0117	
1/30/2025	11:22	13.1	0.0131	
1/30/2025	11:23	19.6	0.0196	
1/30/2025	11:24	14.3	0.0143	0.011386667
1/30/2025	11:25	9.8	0.0098	
1/30/2025	11:26	9.9	0.0099	
1/30/2025	11:27	13.9	0.0139	
1/30/2025	11:28	13.2	0.0132	
1/30/2025	11:29	14.8	0.0148	
1/30/2025	11:30	12.3	0.0123	
1/30/2025	11:31	10.1	0.0101	
1/30/2025	11:32	11.8	0.0118	
1/30/2025	11:33	19.5	0.0195	
1/30/2025	11:34	18.9	0.0189	
1/30/2025	11:35	15.3	0.0153	
1/30/2025	11:36	8.9	0.0089	
1/30/2025	11:37	13.8	0.0138	
1/30/2025	11:38	10.1	0.0101	
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1/30/2025	11:40	9.4	0.0094	
1/30/2025	11:41	19.7	0.0197	
1/30/2025	11:42	11.7	0.0117	
1/30/2025	11:43	8	0.008	
1/30/2025	11:44	7.8	0.0078	
1/30/2025	11:45	17.3	0.0173	
1/30/2025	11:46	16.6	0.0166	
1/30/2025	11:47	13.1	0.0131	
1/30/2025	11:48	10.2	0.0102	
1/30/2025	11:49	9.8	0.0098	
1/30/2025	11:50	11.8	0.0118	
1/30/2025	11:51	5.5	0.0055	
1/30/2025	11:52	8	0.008	
1/30/2025	11:53	9.5	0.0095	
1/30/2025	11:54	9	0.009	0.01116
1/30/2025	11:55	10.4	0.0104	
1/30/2025	11:56	10.3	0.0103	
1/30/2025	11:57	11.9	0.0119	
1/30/2025	11:58	12.2	0.0122	

1/30/2025	11:59	12.9	0.0129	
1/30/2025	12:00	18.1	0.0181	
1/30/2025	12:01	23.9	0.0239	
1/30/2025	12:02	7.8	0.0078	
1/30/2025	12:03	10	0.01	
1/30/2025	12:04	18.1	0.0181	
1/30/2025	12:05	10.1	0.0101	
1/30/2025	12:06	8.4	0.0084	
1/30/2025	12:07	13.9	0.0139	
1/30/2025	12:08	9.2	0.0092	
1/30/2025	12:09	7.5	0.0075	0.012313333
1/30/2025	12:10	12.5	0.0125	
1/30/2025	12:11	13.3	0.0133	
1/30/2025	12:12	13.9	0.0139	
1/30/2025	12:13	17.9	0.0179	
1/30/2025	12:14	16.7	0.0167	
1/30/2025	12:15	19.9	0.0199	
1/30/2025	12:16	18.4	0.0184	
1/30/2025	12:17	16.9	0.0169	
1/30/2025	12:18	13.1	0.0131	
1/30/2025	12:19	12	0.012	
1/30/2025	12:20	12.7	0.0127	
1/30/2025	12:21	14.1	0.0141	
1/30/2025	12:22	17.8	0.0178	
1/30/2025	12:23	12.3	0.0123	
1/30/2025	12:24	22.3	0.0223	0.015586667
1/30/2025	12:25	10.5	0.0105	
1/30/2025	12:26	5.8	0.0058	
1/30/2025	12:27	9.4	0.0094	
1/30/2025	12:28	10.1	0.0101	
1/30/2025	12:29	14.1	0.0141	
1/30/2025	12:30	12.7	0.0127	
1/30/2025	12:31	8.3	0.0083	
1/30/2025	12:32	8.9	0.0089	
1/30/2025	12:33	13	0.013	
1/30/2025	12:34	7.3	0.0073	
1/30/2025	12:35	6.3	0.0063	
1/30/2025	12:36	9.5	0.0095	
1/30/2025	12:37	11.1	0.0111	
1/30/2025	12:38	13.1	0.0131	
1/30/2025	12:39	9.5	0.0095	0.009973333
1/30/2025	12:40	10.5	0.0105	
1/30/2025	12:41	12.1	0.0121	
1/30/2025	12:42	7.3	0.0073	

1/30/2025	12:43	17	0.017	
1/30/2025	12:44	18.7	0.0187	
1/30/2025	12:45	9.7	0.0097	
1/30/2025	12:46	10.7	0.0107	
1/30/2025	12:47	8.7	0.0087	
1/30/2025	12:48	7.6	0.0076	
1/30/2025	12:49	7.3	0.0073	
1/30/2025	12:50	8.1	0.0081	
1/30/2025	12:51	10	0.01	
1/30/2025	12:52	17.9	0.0179	
1/30/2025	12:53	9.3	0.0093	
1/30/2025	12:54	7.6	0.0076	0.010833333
1/30/2025	12:55	7.2	0.0072	
1/30/2025	12:56	12.6	0.0126	
1/30/2025	12:57	7.3	0.0073	
1/30/2025	12:58	4.8	0.0048	
1/30/2025	12:59	5.2	0.0052	
1/30/2025	13:00	6.6	0.0066	
1/30/2025	13:01	11.1	0.0111	
1/30/2025	13:02	9.9	0.0099	
1/30/2025	13:03	8.2	0.0082	
1/30/2025	13:04	7.2	0.0072	
1/30/2025	13:05	9.2	0.0092	
1/30/2025	13:06	7.8	0.0078	
1/30/2025	13:07	7.8	0.0078	
1/30/2025	13:08	8.4	0.0084	
1/30/2025	13:09	14	0.014	0.008486667
1/30/2025	13:10	10.1	0.0101	
1/30/2025	13:11	10.6	0.0106	
1/30/2025	13:12	12.5	0.0125	
1/30/2025	13:13	8.5	0.0085	
1/30/2025	13:14	12.8	0.0128	
1/30/2025	13:15	11.8	0.0118	
1/30/2025	13:16	12.5	0.0125	
1/30/2025	13:17	8.1	0.0081	
1/30/2025	13:18	8.1	0.0081	
1/30/2025	13:19	6.4	0.0064	
1/30/2025	13:20	5.1	0.0051	
1/30/2025	13:21	6	0.006	
1/30/2025	13:22	6.3	0.0063	
1/30/2025	13:23	5.1	0.0051	
1/30/2025	13:24	8.1	0.0081	0.0088
1/30/2025	13:25	5.5	0.0055	
1/30/2025	13:26	5.6	0.0056	

1/30/2025	13:27	15.4	0.0154	
1/30/2025	13:28	10.3	0.0103	
1/30/2025	13:29	4.5	0.0045	
1/30/2025	13:30	4.4	0.0044	
1/30/2025	13:31	6	0.006	
1/30/2025	13:32	22.5	0.0225	
1/30/2025	13:33	11.1	0.0111	
1/30/2025	13:34	16	0.016	
1/30/2025	13:35	9.1	0.0091	
1/30/2025	13:36	15.1	0.0151	
1/30/2025	13:37	11	0.011	
1/30/2025	13:38	14.3	0.0143	
1/30/2025	13:39	8	0.008	0.010586667
1/30/2025	13:40	9.4	0.0094	
1/30/2025	13:41	12	0.012	
1/30/2025	13:42	11.5	0.0115	
1/30/2025	13:43	10.6	0.0106	
1/30/2025	13:44	5.4	0.0054	
1/30/2025	13:45	5.4	0.0054	
1/30/2025	13:46	6	0.006	
1/30/2025	13:47	4.2	0.0042	
1/30/2025	13:48	3.7	0.0037	
1/30/2025	13:49	5.9	0.0059	
1/30/2025	13:50	4.6	0.0046	
1/30/2025	13:51	5.7	0.0057	
1/30/2025	13:52	14.9	0.0149	
1/30/2025	13:53	16.1	0.0161	
1/30/2025	13:54	13.3	0.0133	0.00858
1/30/2025	13:55	9.6	0.0096	
1/30/2025	13:56	4.9	0.0049	
1/30/2025	13:57	8.1	0.0081	
1/30/2025	13:58	10.1	0.0101	
1/30/2025	13:59	9	0.009	
1/30/2025	14:00	9.2	0.0092	
1/30/2025	14:01	6.3	0.0063	
1/30/2025	14:02	5.1	0.0051	
1/30/2025	14:03	7.9	0.0079	
1/30/2025	14:04	10.2	0.0102	
1/30/2025	14:05	10.8	0.0108	
1/30/2025	14:06	5.9	0.0059	
1/30/2025	14:07	10.4	0.0104	
1/30/2025	14:08	9.2	0.0092	
1/30/2025	14:09	12.4	0.0124	0.008606667
1/30/2025	14:10	13.2	0.0132	

1/30/2025	14:11	16.6	0.0166	
1/30/2025	14:12	11.4	0.0114	
1/30/2025	14:13	8.7	0.0087	
1/30/2025	14:14	12.5	0.0125	
1/30/2025	14:15	8.9	0.0089	
1/30/2025	14:16	7.9	0.0079	
1/30/2025	14:17	9.7	0.0097	
1/30/2025	14:18	8.2	0.0082	
1/30/2025	14:19	7.1	0.0071	
1/30/2025	14:20	9	0.009	
1/30/2025	14:21	12.5	0.0125	
1/30/2025	14:22	14.5	0.0145	
1/30/2025	14:23	17.7	0.0177	
1/30/2025	14:24	16.7	0.0167	0.01164
1/30/2025	14:25	8.9	0.0089	
1/30/2025	14:26	13.5	0.0135	
1/30/2025	14:27	6.6	0.0066	
1/30/2025	14:28	6.7	0.0067	
1/30/2025	14:29	5.3	0.0053	
1/30/2025	14:30	3.6	0.0036	
1/30/2025	14:31	7	0.007	
1/30/2025	14:32	4.6	0.0046	
1/30/2025	14:33	7.2	0.0072	
1/30/2025	14:34	6	0.006	
1/30/2025	14:35	12.4	0.0124	
1/30/2025	14:36	8.5	0.0085	
1/30/2025	14:37	8.4	0.0084	
1/30/2025	14:38	14.4	0.0144	
1/30/2025	14:39	10.2	0.0102	0.00822
1/30/2025	14:40	11.1	0.0111	
1/30/2025	14:41	9.3	0.0093	
1/30/2025	14:42	14.2	0.0142	
1/30/2025	14:43	8.4	0.0084	
1/30/2025	14:44	10.2	0.0102	
1/30/2025	14:45	9.3	0.0093	
1/30/2025	14:46	10.8	0.0108	
1/30/2025	14:47	8.4	0.0084	
1/30/2025	14:48	12.1	0.0121	
1/30/2025	14:49	11.5	0.0115	
1/30/2025	14:50	11.8	0.0118	
1/30/2025	14:51	9.8	0.0098	
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1/30/2025	14:53	9	0.009	
1/30/2025	14:54	16.4	0.0164	0.010806667

1/30/2025	14:55	11.1	0.0111	
1/30/2025	14:56	11.4	0.0114	
1/30/2025	14:57	7.9	0.0079	
1/30/2025	14:58	9.7	0.0097	
1/30/2025	14:59	7.8	0.0078	
1/30/2025	15:00	9.6	0.0096	
1/30/2025	15:01	20	0.02	
1/30/2025	15:02	16.2	0.0162	
1/30/2025	15:03	6.6	0.0066	
1/30/2025	15:04	20.8	0.0208	
1/30/2025	15:05	10.5	0.0105	
1/30/2025	15:06	9.9	0.0099	
1/30/2025	15:07	13.5	0.0135	
1/30/2025	15:08	13.7	0.0137	
1/30/2025	15:09	9.9	0.0099	0.011906667
1/30/2025	15:10	10.1	0.0101	
1/30/2025	15:11	7.9	0.0079	
1/30/2025	15:12	7.1	0.0071	

Monthly Report: January 2025

1301 Metropolitan Avenue
1300 Metropolitan Avenue, Brooklyn, New York

Site Number #C224344 Submitted: February 28, 2025

The following Monthly Report summarizes activities performed in association with the above-referenced Site in January 2025.

Administrative Activities

- Daily Reports – Daily Reports were provided to the NYSDEC for review for the implementation of the Interim Remedial Measure (IRM) for the days January 14, 16, 20, 21, 23, and 30, 2025. The Daily Reports summarized the IRM tasks conducted, provided photographs of the on-site storm drain remediations, light non-aqueous phase liquid (LNAPL) removal events at MW-10, geophysical/test pitting activities, and the required Community Air Monitoring results for each day.

On-Site Activities

The following on-site activities were conducted:

- January 14, 2025 – A LNAPL removal event was conducted at MW-10;
- January 16, 2025 – A test pit excavation was conducted in the area of the former gasoline tanks depicted in historical fire insurance maps located on the south-central portion of the Site. No tanks were present in the excavation, which was excavated down to nine feet below grade. No evidence of visual or olfactory evidence of contamination was detected. The highest photoionization detector (PID) reading for the soil in the excavation was 5.4 part per million (ppm). Community Air Monitoring was conducted;
- January 20, 2025 – Bottom sediment was removed from the on-site storm drains and placed into a lined roll off container stored on-Site. Community Air Monitoring was conducted;
- January 21, 2025 – Bottom sediment was removed from the on-site storm drains and placed into a lined roll off container stored on-Site. A waste characterization sample was collected from the sediment in the roll off to determine the disposal facility. LNAPL was measured in MW-10. Community Air Monitoring was conducted;
- January 23, 2025 – A LNAPL removal event was conducted at MW-10. An inspection was conducted for the interior of the storm drains and it was determined that no piping was present within the drains. The storm drains are constructed of slotted concrete rings. Ground penetrating radar (GPR) was conducted to confirm the location of the linear anomaly associated with the outfall pipe in the bulkhead. Three (3) test pits were conducted along the linear anomaly (one on the opposite side of the bulkhead, in line with the outfall pipe; one centrally located along the linear anomaly; and one near the end of the linear anomaly). These test pit areas were indicated by the GPR operator. The test pit results did not indicate piping, but metal, wood, and/or concrete rubble was observed within the test pits. No evidence of piping leading from the outfall onto the property was observed. No olfactory or visual evidence of contamination was found in the test pits;
- January 30, 2025 – A LNAPL removal event was conducted at MW-10. A test pit excavation was conducted around MW-10 to determine if any former tanks were present

in this area. No tanks were present in the excavation; however, the excavation appeared to contain debris, wood, and/or concrete rubble.

Changes of Scope of Work

The test pit around MW-10 was a deviation from the IRM Work Plan, but the Health and Safety Plan and Community Air Monitoring Plan were implemented during this work.

Investigation Derived Waste

Stormwater was removed from the on-Site storm drains prior to sediment removal and properly disposed off-site. The stormwater removal tickets will be provided in the final IRM Report.

Sediment was removed from the on-Site storm drains and placed into a lined roll off. A waste characterization sample was collected from the roll off on January 21, 2025, and the results were received on January 31, 2025. A Contained-In Letter Determination Request was sent to the NYSDEC for approval on February 4, 2025, and approval was granted on February 10, 2025. EnviroTrac is in the process of scheduling the transport of the roll off to the proper facility for off-site disposal.

Projected Schedule

- The roll off will be properly disposed off-Site and manifested. The manifest will be provided in the final IRM Report;
- EnviroTrac will be proposing Supplemental work to be implemented using the Health and Safety Plan and Community Air Monitoring Plan in the NYSDEC-approved IRM Work Plan. A Supplemental IRM Work Plan will be provided to the NYSDEC for review describing this additional work.

SUBMITTED TO:

Mr. Kyle Forster, NYSDEC
Mr. Shaun Surani, NYSDOH
Mr. Tyler Juliano
Michael Bogin, Esq.

Monthly Report: February 2025

1301 Metropolitan Avenue
1300 Metropolitan Avenue, Brooklyn, New York

Site Number #C224344 Submitted: March 10, 2025

The following Monthly Report summarizes activities performed in association with the above-referenced Site in February 2025.

Administrative Activities

- A contained-in determination request for sediment removed from the four (4) drywells at the Site was submitted to the NYSDEC on February 4, 2025. The contained in request was approved by the NYSDEC on February 10, 2025.
- Laboratory data for the Interim Remedial Measure (IRM) was received and is being reviewed.
- The IRM Report is being drafted for NYSDEC review.

On-Site Activities

The following on-site activities were conducted:

- February 6, 2025 – MW-10 was gauged for depth to light non-aqueous phase liquid (LNAPL) and depth to water. The absorbent sock was changed.

Changes of Scope of Work

No changes in scope of work.

Investigation Derived Waste

- AARCO Environmental Services, Inc. (AARCO) transported the roll-off containing removed stormwater drainage sediment to Dale Transfer Station of West Babylon, New York on February 20, 2025. The corresponding manifest will be provided in the final IRM Report.

Projected Schedule

- EnviroTrac will be finalizing the IRM Report for NYSDEC review.
- EnviroTrac will be drafting the Remedial Action Work Plan (RAWP) which will include the final remedy for the Site. The RAWP will be provided to the NYSDEC for review prior to action.

SUBMITTED TO:

Mr. Kyle Forster, NYSDEC
Mr. Shaun Surani, NYSDOH
Mr. Tyler Juliano
Michael Bogin, Esq.

EnviroTrac
Environmental Services

Monthly Report: March 2025

1301 Metropolitan Avenue
1300 Metropolitan Avenue, Brooklyn, New York

Site Number #C224344 Submitted: April 14, 2025

The following Monthly Report summarizes activities performed in association with the above-referenced Site in March 2025.

Administrative Activities

- The Interim Remedial Measure (IRM) Report has been drafted and is being reviewed.
- The Remedial Action Work Plan (RAWP) is being drafted for NYSDEC review.

On-Site Activities

- None

Changes of Scope of Work

No changes in scope of work.

Investigation Derived Waste

- None

Projected Schedule

- EnviroTrac will be finalizing the IRM Report for NYSDEC review.

SUBMITTED TO:

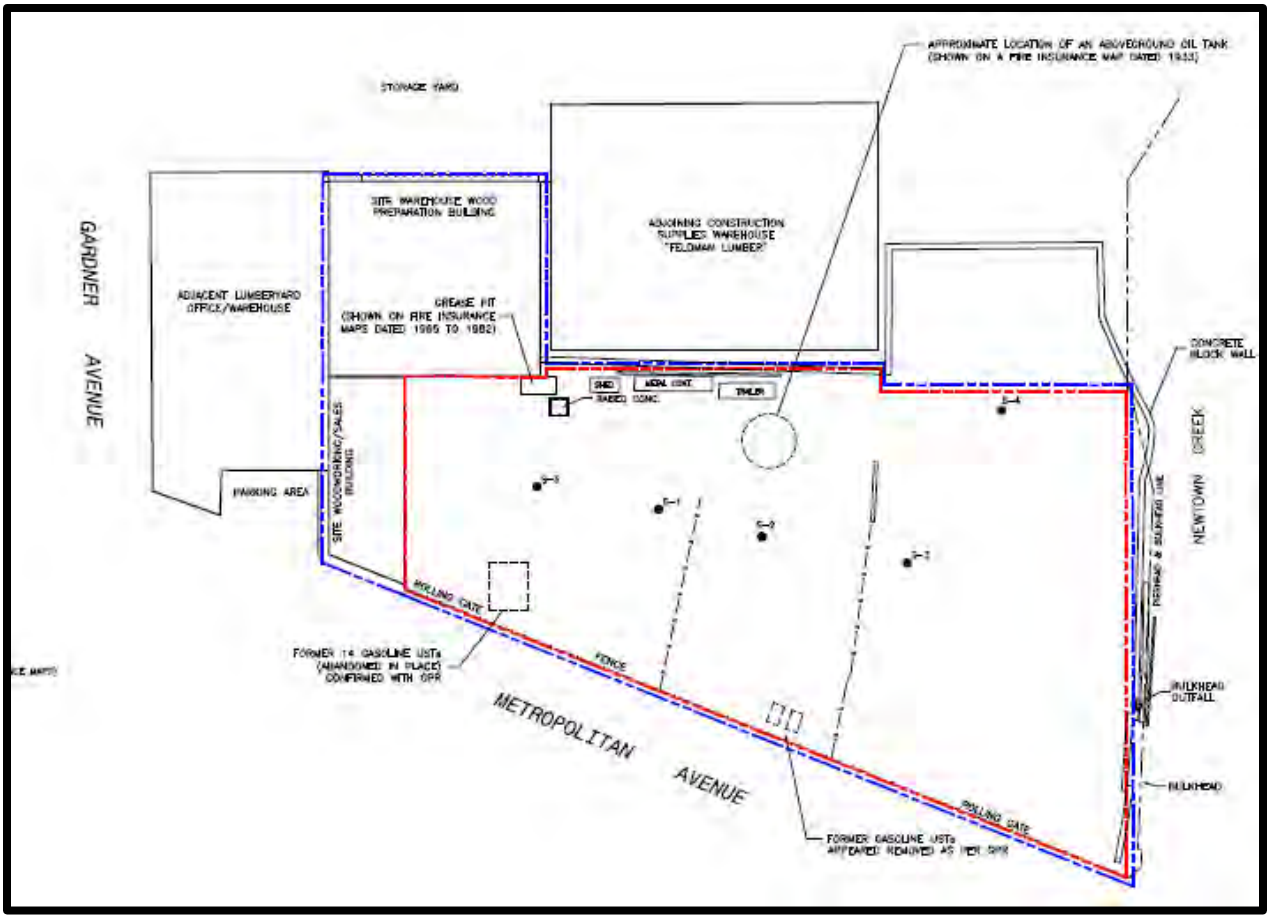
Mr. Kyle Forster, NYSDEC
Mr. Shaun Surani, NYSDOH
Mr. Tyler Juliano
Michael Bogin, Esq.

EnviroTrac
Environmental Services

Daily Air Monitoring Report

June 4, 2025

NYSDEC BCP Site # 224344
1301 Metropolitan Avenue
Brooklyn, NY 11237



Prepared for: 1301 Metro- 255, LLC
1301 Metro- Triple JQ, LLC
1301 Metro- Rudolph Q, LLC
213-19 99th Avenue
Queens Village, NY 11429

Prepared by: EnviroTrac
5 Old Dock Road, Yaphank, NY 11980

DAILY STATUS REPORT

Prepared By: Dylan Moscarella

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	< 32		32-50		50-70		70-85	x	>85	

Project No.:		Winds From S @ 5-10 mph	Date:	6/4/2025
Project Name:	1301 Metropolitan Avenue, Brooklyn, New York			

Consultant:
Dylan Moscarella
EnviroTrac

Work Activities Performed (Since Last Report):

EnviroTrac personnel provided environmental oversight for three (3) test pit excavations associated with two (2) bulkhead outfall pipes (known outfall pipe in metal bulkhead and new outfall pipe in wooden bulkhead). Community Air Monitoring Plan (CAMP) was performed during activities on site. CAMP equipment was placed at an upwind and downwind location in relation to the excavation and 15-minute averages were recorded during this period.

Previously installed Test Pit #4 was extended towards the bulkhead and deeper to 8 feet below grade. The outfall pipe was found in the test pit. A new test pit (Test Pit #6) was created to the west of Test Pit #2, in line with the outfall pipe found in Test Pit #4. The outfall pipe was found in Test Pit #6 connected to a concrete structure. No other pipes were observed in the concrete structure. No impacted soil was observed around the concrete structure. Test Pit #7 was created on-Site, on the opposite side of the metal outfall pipe in the wooden bulkhead to a depth of 8.5 feet below grade, which was deeper than the metal outfall pipe in the bulkhead. The metal outfall pipe was not found in Test Pit #7. No other outfall pipes were observed in bulkheads along Newtown Creek, adjoining the Site.

Air Monitoring

	Maximum 15 Minute Average	
	VOC's (ppm)	PM-10 (mg/m^3)
Construction Down Wind	0.0	0.0957
Construction Up Wind	0.0	0.0434

Exceedances (Since Last Report): No exceedances.

Problems Encountered: No problems encountered.

Planned Activities for the Next Day/ Week:

- No activities planned.

Daily Air Monitoring Log

Project Name: Metro Date: 6/4/25

Project Location: 1301 Metropolitan Ave

Temperature: 76° Sunny Wind Speed: 5-10 mph Wind Direction: From S

Background Data: Upwind - PID 0.0 ppm Upwind Dust Meter 1 - 0.0182 mg/m^3

Downwind - PID 0.0 ppm Dust Meter 2 - 0.0259 mg/m^3 Downwind

Time	Downwind		Upwind		Workzone	
	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3	PID - ppm	Dust - mg/m^3
7:00	0.0		0.0		0.0	0.0237
7:15	0.0				0.0	0.0250
7:30	0.1				0.0	0.0276
7:45	0.0				0.2	0.0349
8:00	0.0				0.3	0.0291
8:15	0.0				0.2	0.0407
8:30	0.0				0.1	0.0442
8:45					0.0	0.0396
9:00					0.0	0.0450
9:15					0.0	0.0371
9:30					0.2	0.0355
9:45					0.4	0.0401
10:00					0.1	0.0392
10:15					0.2	0.0418
10:30					0.0	0.0425
10:45					0.0	0.0377
11:00					0.0	0.0355
11:15					0.0	0.0308
11:30					0.0	0.0405
11:45						0.0373
12:00						0.0391
12:15						0.0374
12:30						0.0429
12:45						0.0381
13:00						0.0406
13:15						0.0387
13:30						0.0362
13:45						0.0351
14:00						0.0340
14:15						0.0336

6/4/25

N
W E
S

GARDNER AVENUE

STORAGE YARD

APPROXIMATE LOCATION OF AN ABOVEGROUND OIL TANK (SHOWN ON A FIRE INSURANCE MAP DATED 1933)

SITE WAREHOUSE WOOD PREPARATION BUILDING

ADJOINING CONSTRUCTION SUPPLIES WAREHOUSE "FELDMAN LUMBER"

ADJACENT LUMBERYARD OFFICE/WAREHOUSE

GREASE PIT (SHOWN ON FIRE INSURANCE MAPS DATED 1965 TO 1982)

SHED

METAL CONT.

TRAILER

RAISED CONC.

CONCRETE BLOCK WALL

SITE WOODWORKING/SALES BUILDING

PARKING AREA

ROLLING GATE

FENCE

FORMER 14 GASOLINE USTs (ABANDONED IN PLACE) CONFIRMED WITH GPR

METROPOLITAN AVENUE

FORMER GASOLINE USTs APPEARED REMOVED AS PER GPR

NEWTOWN CREEK

PIERHEAD & BULKHEAD LINE

Workareas

BULKHEAD OUTFALL

BULKHEAD

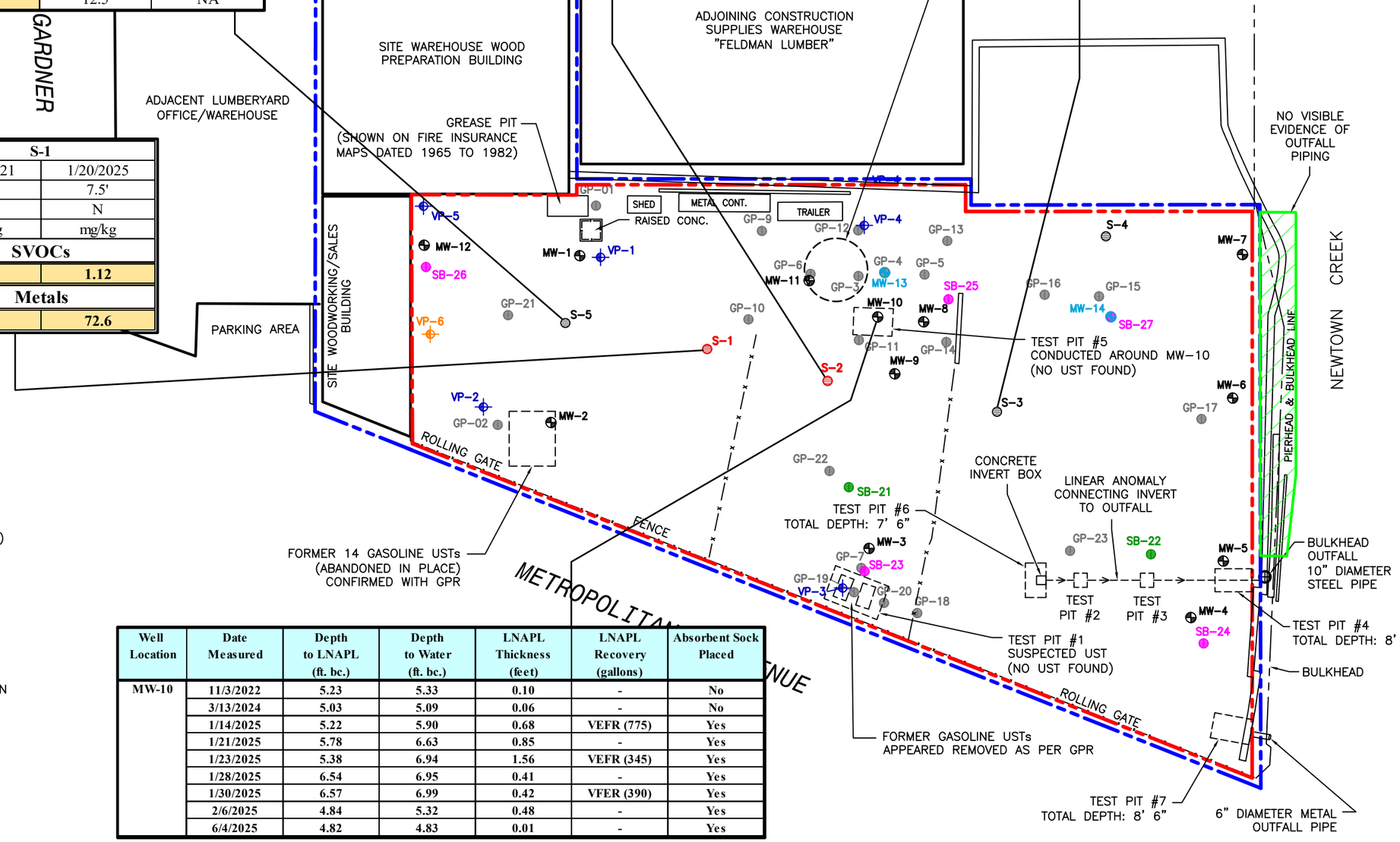
ICE MAPS)

Sample ID:	NYSDEC Part 375 Industrial Use SCO	S-5	
Sample Date:		11/3/2022	1/21/2025
Sample Depth:		5'	11.5'
Normal or Field Duplicate:		N	N
Unit:		mg/kg	mg/kg
Paramter		**SVOCs**	
Benzo(a)pyrene	1.1	**1.34**	0.579
Paramter		**Metals**	
Arsenic	16	12.5	NA

Sample ID:	NYSDEC Part 375 Industrial Use SCO	S-2	
Sample Date:		3/30/2021	1/21/2025
Sample Depth:		8.5'	12.5'
Normal or Field Duplicate:		N	N
Unit:		mg/kg	mg/kg
Paramter		**SVOCs**	
Benzo(a)pyrene	1.1	**2.7**	**2.89**
Paramter		**Metals**	
Arsenic	16	**30.5**	**74.3**

Sample ID:	NYSDEC Part 375 Industrial Use SCO	S-3	
Sample Date:		3/30/2021	1/21/2025
Sample Depth:		Grade	13'
Normal or Field Duplicate:		N	N
Unit:		mg/kg	mg/kg
Paramter		**SVOCs**	
Benzo(a)pyrene	1.1	ND	NA
Paramter		**Metals**	
Arsenic	16	**20.5**	3.5

Sample ID:	NYSDEC Part 375 Industrial Use SCO	S-1	
Sample Date:		3/30/2021	1/20/2025
Sample Depth:		4'	7.5'
Normal or Field Duplicate:		N	N
Unit:		mg/kg	mg/kg
Paramter		**SVOCs**	
Benzo(a)pyrene	1.1	**1.5**	**1.12**
Paramter		**Metals**	
Arsenic	16	**62.4**	**72.6**



LEGEND:

- TAX MAP BOUNDARY
- BCP SITE BOUNDARY
- FENCE
- CONCRETE BLOCK WALL
- FORMER GASOLINE UST (SHOWN ON VARIOUS HISTORICAL FIRE INSURANCE MAPS)
- STORM DRAINS TO BE REMEDIATED
- GPR GROUND PENETRATING RADAR
- UST UNDERGROUND STORAGE TANK
- PHASE II INVESTIGATION GEOPROBE LOCATION
- RI MONITORING WELL LOCATION
- SUPPLEMENTAL RI MONITORING WELL LOCATION
- RI SOIL VAPOR PROBE LOCATION
- RI SOIL BORING LOCATION
- SUPPLEMENTAL RI SOIL VAPOR PROBE LOCATION
- SUPPLEMENTAL RI SOIL BORING LOCATION
- STORM DRAIN CONTAINS NYSDEC IUSCO EXCEEDANCE FOLLOWING REMOVAL OF SEDIMENT IN JANUARY 2025

SOURCE:

SITE PLAN BASED ON A SURVEY PREPARED BY L.K. McLEAN ASSOCIATES P.C. – APRIL 02, 2024.

Well Location	Date Measured	Depth to LNAPL (ft. bc.)	Depth to Water (ft. bc.)	LNAPL Thickness (feet)	LNAPL Recovery (gallons)	Absorbent Sock Placed
MW-10	11/3/2022	5.23	5.33	0.10	-	No
	3/13/2024	5.03	5.09	0.06	-	No
	1/14/2025	5.22	5.90	0.68	VEFR (775)	Yes
	1/21/2025	5.78	6.63	0.85	-	Yes
	1/23/2025	5.38	6.94	1.56	VEFR (345)	Yes
	1/28/2025	6.54	6.95	0.41	-	Yes
	1/30/2025	6.57	6.99	0.42	VFER (390)	Yes
	2/6/2025	4.84	5.32	0.48	-	Yes
	6/4/2025	4.82	4.83	0.01	-	Yes

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 50
SCALE IN FEET

REVISION DATE: 6/12/2025 REVISED BY: B.S.

1301 METROPOLITAN AVENUE
BROOKLYN, NEW YORK

REMAINING CONTAMINATION/IRM INVESTIGATION

FIGURE # 4

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the entire bulkhead at low tide.



View of the known 10-inch outfall pipe in the metal bulkhead.

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the 2nd outfall pipe location found to be a 6-inch metal pipe with no connection to the Site.



Closeup view of the 2nd outfall pipe location found to be a short section of pipe lying in the wooden bulkhead with no connection to the Site.

EnviroTrac

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the measurement from Site grade to the 2nd outfall pipe location.



View of Test Pit #7 conducted in-line with the 2nd outfall pipe to a depth of 8.5 feet below grade confirming that there is no connection from the 2nd outfall pipe to the Site.

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of known bulkhead outfall pipe in Test Pit #4 located approximately 8 feet below grade, on the west side of the excavation.



Another view of the known outfall pipe in Test Pit #4.

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the concrete invert where the known bulkhead outfall pipe ends within Test Pit #6.



Closeup view of invert in Test pit #6.

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of Test pit #6 illustrating completion depth.



View of the known outfall pipe being capped with concrete in Test Pit #4.

Photographic Documentation
NYSDEC BCP Site # C224344
1301 Metropolitan Avenue
Brooklyn, New York



View of the invert being sealed with concrete in Test Pit #6.

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15-minue average (mg/m^3)
6/4/2025	7:43	14.1	0.0141	
6/4/2025	7:44	47.5	0.0475	
6/4/2025	7:45	26.7	0.0267	
6/4/2025	7:46	23.9	0.0239	
6/4/2025	7:47	14.4	0.0144	
6/4/2025	7:48	41.9	0.0419	
6/4/2025	7:49	13	0.013	
6/4/2025	7:50	18	0.018	
6/4/2025	7:51	10.5	0.0105	
6/4/2025	7:52	18.1	0.0181	
6/4/2025	7:53	15.8	0.0158	
6/4/2025	7:54	10.5	0.0105	
6/4/2025	7:55	12.7	0.0127	
6/4/2025	7:56	16	0.016	
6/4/2025	7:57	12.9	0.0129	0.019733333
6/4/2025	7:58	16.6	0.0166	
6/4/2025	7:59	18.6	0.0186	
6/4/2025	8:00	22.4	0.0224	
6/4/2025	8:01	13.4	0.0134	
6/4/2025	8:02	23.2	0.0232	
6/4/2025	8:03	18.5	0.0185	
6/4/2025	8:04	21.7	0.0217	
6/4/2025	8:05	23	0.023	
6/4/2025	8:06	28.7	0.0287	
6/4/2025	8:07	21.1	0.0211	
6/4/2025	8:08	22.4	0.0224	
6/4/2025	8:09	25.8	0.0258	
6/4/2025	8:10	20.8	0.0208	
6/4/2025	8:11	10.2	0.0102	
6/4/2025	8:12	19	0.019	0.02036
6/4/2025	8:13	12	0.012	
6/4/2025	8:14	17	0.017	
6/4/2025	8:15	15.8	0.0158	
6/4/2025	8:16	14.3	0.0143	
6/4/2025	8:17	18.7	0.0187	
6/4/2025	8:18	14.9	0.0149	
6/4/2025	8:19	12	0.012	
6/4/2025	8:20	18.9	0.0189	
6/4/2025	8:21	21.1	0.0211	
6/4/2025	8:22	25.1	0.0251	

6/4/2025	8:23	22.1	0.0221	
6/4/2025	8:24	20.3	0.0203	
6/4/2025	8:25	30.9	0.0309	
6/4/2025	8:26	25.7	0.0257	
6/4/2025	8:27	26.4	0.0264	0.01968
6/4/2025	8:28	19.8	0.0198	
6/4/2025	8:29	22.7	0.0227	
6/4/2025	8:30	25	0.025	
6/4/2025	8:31	17.7	0.0177	
6/4/2025	8:32	21.8	0.0218	
6/4/2025	8:33	36.7	0.0367	
6/4/2025	8:34	22.1	0.0221	
6/4/2025	8:35	17.7	0.0177	
6/4/2025	8:36	15.8	0.0158	
6/4/2025	8:37	27.6	0.0276	
6/4/2025	8:38	13.5	0.0135	
6/4/2025	8:39	21.9	0.0219	
6/4/2025	8:40	14.2	0.0142	
6/4/2025	8:41	62.8	0.0628	
6/4/2025	8:42	27	0.027	0.02442
6/4/2025	8:43	23.5	0.0235	
6/4/2025	8:44	28.7	0.0287	
6/4/2025	8:45	25.2	0.0252	
6/4/2025	8:46	22.4	0.0224	
6/4/2025	8:47	17	0.017	
6/4/2025	8:48	9.6	0.0096	
6/4/2025	8:49	20.4	0.0204	
6/4/2025	8:50	14.2	0.0142	
6/4/2025	8:51	14.1	0.0141	
6/4/2025	8:52	9.4	0.0094	
6/4/2025	8:53	13.4	0.0134	
6/4/2025	8:54	18.9	0.0189	
6/4/2025	8:55	20.9	0.0209	
6/4/2025	8:56	14.3	0.0143	
6/4/2025	8:57	15.9	0.0159	0.01786
6/4/2025	8:58	16.4	0.0164	
6/4/2025	8:59	13.8	0.0138	
6/4/2025	9:00	15.1	0.0151	
6/4/2025	9:01	15.5	0.0155	
6/4/2025	9:02	14.9	0.0149	
6/4/2025	9:03	13.2	0.0132	
6/4/2025	9:04	22.7	0.0227	
6/4/2025	9:05	15.5	0.0155	
6/4/2025	9:06	15.6	0.0156	

6/4/2025	9:07	11.7	0.0117	
6/4/2025	9:08	15.3	0.0153	
6/4/2025	9:09	18.9	0.0189	
6/4/2025	9:10	18.3	0.0183	
6/4/2025	9:11	18.1	0.0181	
6/4/2025	9:12	18.5	0.0185	0.016233333
6/4/2025	9:13	24.7	0.0247	
6/4/2025	9:14	13.4	0.0134	
6/4/2025	9:15	16.2	0.0162	
6/4/2025	9:16	12.6	0.0126	
6/4/2025	9:17	17.7	0.0177	
6/4/2025	9:18	28.5	0.0285	
6/4/2025	9:19	24	0.024	
6/4/2025	9:20	25.4	0.0254	
6/4/2025	9:21	19.7	0.0197	
6/4/2025	9:22	17.9	0.0179	
6/4/2025	9:23	25.2	0.0252	
6/4/2025	9:24	28.5	0.0285	
6/4/2025	9:25	17.7	0.0177	
6/4/2025	9:26	16.9	0.0169	
6/4/2025	9:27	15.6	0.0156	0.020266667
6/4/2025	9:28	23.9	0.0239	
6/4/2025	9:29	19.1	0.0191	
6/4/2025	9:30	26.1	0.0261	
6/4/2025	9:31	17.6	0.0176	
6/4/2025	9:32	21.8	0.0218	
6/4/2025	9:33	24.4	0.0244	
6/4/2025	9:34	24.1	0.0241	
6/4/2025	9:35	16.4	0.0164	
6/4/2025	9:36	19.9	0.0199	
6/4/2025	9:37	11.6	0.0116	
6/4/2025	9:38	21.3	0.0213	
6/4/2025	9:39	14.9	0.0149	
6/4/2025	9:40	21.3	0.0213	
6/4/2025	9:41	19.6	0.0196	
6/4/2025	9:42	12.5	0.0125	0.019633333
6/4/2025	9:43	16.4	0.0164	
6/4/2025	9:44	15.7	0.0157	
6/4/2025	9:45	13.6	0.0136	
6/4/2025	9:46	18	0.018	
6/4/2025	9:47	23.1	0.0231	
6/4/2025	9:48	31.6	0.0316	
6/4/2025	9:49	22.1	0.0221	
6/4/2025	9:50	28.1	0.0281	

6/4/2025	9:51	13	0.013	
6/4/2025	9:52	17.1	0.0171	
6/4/2025	9:53	11.6	0.0116	
6/4/2025	9:54	13.9	0.0139	
6/4/2025	9:55	12.8	0.0128	
6/4/2025	9:56	13.2	0.0132	
6/4/2025	9:57	16.3	0.0163	0.017766667
6/4/2025	9:58	14.9	0.0149	
6/4/2025	9:59	17.9	0.0179	
6/4/2025	10:00	18.8	0.0188	
6/4/2025	10:01	14.8	0.0148	
6/4/2025	10:02	8.5	0.0085	
6/4/2025	10:03	11.7	0.0117	
6/4/2025	10:04	13.1	0.0131	
6/4/2025	10:05	13.8	0.0138	
6/4/2025	10:06	13.7	0.0137	
6/4/2025	10:07	10.7	0.0107	
6/4/2025	10:08	9.2	0.0092	
6/4/2025	10:09	15.1	0.0151	
6/4/2025	10:10	13.2	0.0132	
6/4/2025	10:11	13.3	0.0133	
6/4/2025	10:12	21.4	0.0214	0.014006667
6/4/2025	10:13	15.4	0.0154	
6/4/2025	10:14	11.2	0.0112	
6/4/2025	10:15	12.6	0.0126	
6/4/2025	10:16	17.2	0.0172	
6/4/2025	10:17	8.9	0.0089	
6/4/2025	10:18	11	0.011	
6/4/2025	10:19	10.5	0.0105	
6/4/2025	10:20	14.9	0.0149	
6/4/2025	10:21	20.5	0.0205	
6/4/2025	10:22	20.8	0.0208	
6/4/2025	10:23	20.8	0.0208	
6/4/2025	10:24	16	0.016	
6/4/2025	10:25	20.9	0.0209	
6/4/2025	10:26	16.1	0.0161	
6/4/2025	10:27	16.4	0.0164	0.015546667
6/4/2025	10:28	13.6	0.0136	
6/4/2025	10:29	16	0.016	
6/4/2025	10:30	18.6	0.0186	
6/4/2025	10:31	13.9	0.0139	
6/4/2025	10:32	20.1	0.0201	
6/4/2025	10:33	16.4	0.0164	
6/4/2025	10:34	27.2	0.0272	

6/4/2025	10:35	26	0.026	
6/4/2025	10:36	26	0.026	
6/4/2025	10:37	25.5	0.0255	
6/4/2025	10:38	29.1	0.0291	
6/4/2025	10:39	51	0.051	
6/4/2025	10:40	26.2	0.0262	
6/4/2025	10:41	18.4	0.0184	
6/4/2025	10:42	12.9	0.0129	0.022726667
6/4/2025	10:43	17.9	0.0179	
6/4/2025	10:44	16.4	0.0164	
6/4/2025	10:45	12.8	0.0128	
6/4/2025	10:46	25.2	0.0252	
6/4/2025	10:47	19.1	0.0191	
6/4/2025	10:48	15.7	0.0157	
6/4/2025	10:49	18.5	0.0185	
6/4/2025	10:50	18.9	0.0189	
6/4/2025	10:51	15.6	0.0156	
6/4/2025	10:52	17	0.017	
6/4/2025	10:53	23.5	0.0235	
6/4/2025	10:54	29.3	0.0293	
6/4/2025	10:55	32.8	0.0328	
6/4/2025	10:56	33.3	0.0333	
6/4/2025	10:57	46.3	0.0463	0.02282
6/4/2025	10:58	32.8	0.0328	
6/4/2025	10:59	72	0.072	
6/4/2025	11:00	135.7	0.1357	
6/4/2025	11:01	63.8	0.0638	
6/4/2025	11:02	43.6	0.0436	
6/4/2025	11:03	30.9	0.0309	
6/4/2025	11:04	22.7	0.0227	
6/4/2025	11:05	31.6	0.0316	
6/4/2025	11:06	26.4	0.0264	
6/4/2025	11:07	26.4	0.0264	
6/4/2025	11:08	35.8	0.0358	
6/4/2025	11:09	26.4	0.0264	
6/4/2025	11:10	22.1	0.0221	
6/4/2025	11:11	28.6	0.0286	
6/4/2025	11:12	27.2	0.0272	0.041733333
6/4/2025	11:13	27.8	0.0278	
6/4/2025	11:14	37.1	0.0371	
6/4/2025	11:15	32.6	0.0326	
6/4/2025	11:16	94.4	0.0944	
6/4/2025	11:17	45.2	0.0452	
6/4/2025	11:18	57.4	0.0574	

6/4/2025	11:19	35.2	0.0352	
6/4/2025	11:20	54.8	0.0548	
6/4/2025	11:21	50.1	0.0501	
6/4/2025	11:22	35.3	0.0353	
6/4/2025	11:23	28	0.028	
6/4/2025	11:24	36	0.036	
6/4/2025	11:25	31.3	0.0313	
6/4/2025	11:26	26	0.026	
6/4/2025	11:27	28.8	0.0288	0.041333333
6/4/2025	11:28	40.3	0.0403	
6/4/2025	11:29	32	0.032	
6/4/2025	11:30	26.8	0.0268	
6/4/2025	11:31	23.2	0.0232	
6/4/2025	11:32	24.5	0.0245	
6/4/2025	11:33	30.7	0.0307	
6/4/2025	11:34	25.3	0.0253	
6/4/2025	11:35	20.7	0.0207	
6/4/2025	11:36	27.4	0.0274	
6/4/2025	11:37	30.4	0.0304	
6/4/2025	11:38	25.3	0.0253	
6/4/2025	11:39	23.9	0.0239	
6/4/2025	11:40	25.3	0.0253	
6/4/2025	11:41	53.7	0.0537	
6/4/2025	11:42	81.2	0.0812	0.032713333
6/4/2025	11:43	79.4	0.0794	
6/4/2025	11:44	40.7	0.0407	
6/4/2025	11:45	31.2	0.0312	
6/4/2025	11:46	45.3	0.0453	
6/4/2025	11:47	35.1	0.0351	
6/4/2025	11:48	46.1	0.0461	
6/4/2025	11:49	33.7	0.0337	
6/4/2025	11:50	31.3	0.0313	
6/4/2025	11:51	71.6	0.0716	
6/4/2025	11:52	31.6	0.0316	
6/4/2025	11:53	48.7	0.0487	
6/4/2025	11:54	51.1	0.0511	
6/4/2025	11:55	37.1	0.0371	
6/4/2025	11:56	39.8	0.0398	
6/4/2025	11:57	28.4	0.0284	0.043406667
6/4/2025	11:58	31.8	0.0318	
6/4/2025	11:59	25	0.025	
6/4/2025	12:00	21	0.021	
6/4/2025	12:01	31.5	0.0315	
6/4/2025	12:02	23.2	0.0232	

6/4/2025	12:03	31.2	0.0312	
6/4/2025	12:04	26.4	0.0264	
6/4/2025	12:05	26.4	0.0264	
6/4/2025	12:06	29.9	0.0299	
6/4/2025	12:07	26.6	0.0266	
6/4/2025	12:08	20.7	0.0207	
6/4/2025	12:09	23.4	0.0234	
6/4/2025	12:10	33.8	0.0338	
6/4/2025	12:11	31.8	0.0318	
6/4/2025	12:12	26.8	0.0268	0.0273
6/4/2025	12:13	34.1	0.0341	
6/4/2025	12:14	30.4	0.0304	
6/4/2025	12:15	23.1	0.0231	
6/4/2025	12:16	35.1	0.0351	
6/4/2025	12:17	28.8	0.0288	
6/4/2025	12:18	24.6	0.0246	
6/4/2025	12:19	36.7	0.0367	
6/4/2025	12:20	34.3	0.0343	
6/4/2025	12:21	29.6	0.0296	
6/4/2025	12:22	30.8	0.0308	
6/4/2025	12:23	30.9	0.0309	
6/4/2025	12:24	33.9	0.0339	
6/4/2025	12:25	26.2	0.0262	
6/4/2025	12:26	20.9	0.0209	
6/4/2025	12:27	15.2	0.0152	0.028973333
6/4/2025	12:28	17.8	0.0178	
6/4/2025	12:29	21.7	0.0217	
6/4/2025	12:30	16.2	0.0162	
6/4/2025	12:31	23.5	0.0235	
6/4/2025	12:32	22.7	0.0227	
6/4/2025	12:33	29.2	0.0292	
6/4/2025	12:34	19.7	0.0197	
6/4/2025	12:35	13	0.013	
6/4/2025	12:36	19.4	0.0194	
6/4/2025	12:37	17.6	0.0176	
6/4/2025	12:38	19.9	0.0199	
6/4/2025	12:39	15	0.015	
6/4/2025	12:40	19.2	0.0192	
6/4/2025	12:41	14.8	0.0148	
6/4/2025	12:42	34.5	0.0345	0.02028
6/4/2025	12:43	28.8	0.0288	
6/4/2025	12:44	18	0.018	
6/4/2025	12:45	27.8	0.0278	
6/4/2025	12:46	26.3	0.0263	

6/4/2025	12:47	22.3	0.0223	
6/4/2025	12:48	23.6	0.0236	
6/4/2025	12:49	25.5	0.0255	
6/4/2025	12:50	32	0.032	
6/4/2025	12:51	41.1	0.0411	
6/4/2025	12:52	25.4	0.0254	
6/4/2025	12:53	31.3	0.0313	
6/4/2025	12:54	39.1	0.0391	
6/4/2025	12:55	30	0.03	
6/4/2025	12:56	28	0.028	
6/4/2025	12:57	26.7	0.0267	0.028393333
6/4/2025	12:58	28.7	0.0287	
6/4/2025	12:59	30.5	0.0305	
6/4/2025	13:00	37.9	0.0379	
6/4/2025	13:01	53	0.053	
6/4/2025	13:02	59.9	0.0599	
6/4/2025	13:03	25.7	0.0257	
6/4/2025	13:04	26.8	0.0268	
6/4/2025	13:05	25.6	0.0256	
6/4/2025	13:06	24.3	0.0243	
6/4/2025	13:07	52.7	0.0527	
6/4/2025	13:08	24.5	0.0245	
6/4/2025	13:09	23.9	0.0239	
6/4/2025	13:10	18.3	0.0183	
6/4/2025	13:11	15.5	0.0155	
6/4/2025	13:12	25.3	0.0253	0.031506667
6/4/2025	13:13	16.5	0.0165	
6/4/2025	13:14	21.2	0.0212	
6/4/2025	13:15	17	0.017	
6/4/2025	13:16	17.9	0.0179	
6/4/2025	13:17	17	0.017	
6/4/2025	13:18	17.2	0.0172	
6/4/2025	13:19	27.1	0.0271	
6/4/2025	13:20	19.1	0.0191	
6/4/2025	13:21	20	0.02	
6/4/2025	13:22	15.1	0.0151	
6/4/2025	13:23	15.8	0.0158	
6/4/2025	13:24	25.8	0.0258	
6/4/2025	13:25	19.5	0.0195	
6/4/2025	13:26	24.8	0.0248	
6/4/2025	13:27	27.7	0.0277	0.020113333
6/4/2025	13:28	21.6	0.0216	
6/4/2025	13:29	19	0.019	
6/4/2025	13:30	23.1	0.0231	

6/4/2025	13:31	28.6	0.0286	
6/4/2025	13:32	36.4	0.0364	
6/4/2025	13:33	19.5	0.0195	
6/4/2025	13:34	20.3	0.0203	
6/4/2025	13:35	13.4	0.0134	
6/4/2025	13:36	17.1	0.0171	
6/4/2025	13:37	25.2	0.0252	
6/4/2025	13:38	46.1	0.0461	
6/4/2025	13:39	21.2	0.0212	
6/4/2025	13:40	34.4	0.0344	
6/4/2025	13:41	22.1	0.0221	
6/4/2025	13:42	25.5	0.0255	0.0249
6/4/2025	13:43	29.4	0.0294	
6/4/2025	13:44	19.6	0.0196	
6/4/2025	13:45	13	0.013	
6/4/2025	13:46	17.2	0.0172	
6/4/2025	13:47	17.2	0.0172	
6/4/2025	13:48	20.8	0.0208	
6/4/2025	13:49	15.4	0.0154	
6/4/2025	13:50	20.3	0.0203	
6/4/2025	13:51	18.6	0.0186	
6/4/2025	13:52	17.2	0.0172	
6/4/2025	13:53	19.4	0.0194	
6/4/2025	13:54	15.1	0.0151	
6/4/2025	13:55	19.7	0.0197	
6/4/2025	13:56	24.2	0.0242	
6/4/2025	13:57	16.8	0.0168	0.018926667
6/4/2025	13:58	21.1	0.0211	
6/4/2025	13:59	19.5	0.0195	
6/4/2025	14:00	20	0.02	
6/4/2025	14:01	20	0.02	
6/4/2025	14:02	16.4	0.0164	
6/4/2025	14:03	14	0.014	
6/4/2025	14:04	34.6	0.0346	
6/4/2025	14:05	64.2	0.0642	
6/4/2025	14:06	22.5	0.0225	
6/4/2025	14:07	14.2	0.0142	
6/4/2025	14:08	12.8	0.0128	
6/4/2025	14:09	14.3	0.0143	
6/4/2025	14:10	17.4	0.0174	
6/4/2025	14:11	28.5	0.0285	
6/4/2025	14:12	23.4	0.0234	0.02286
6/4/2025	14:13	29.1	0.0291	
6/4/2025	14:14	26.6	0.0266	

6/4/2025	14:15	28.4	0.0284
6/4/2025	14:16	44.8	0.0448
6/4/2025	14:17	21.5	0.0215

DATE	TIME	PM10 (mcg/m^3)	PM10 (mg/m^3)	15-minute average (mg/m^3)
6/4/2025	7:34	76.5	0.0765	
6/4/2025	7:35	49.8	0.0498	
6/4/2025	7:36	61.1	0.0611	
6/4/2025	7:37	60.9	0.0609	
6/4/2025	7:38	65.6	0.0656	
6/4/2025	7:39	74.6	0.0746	
6/4/2025	7:40	79.9	0.0799	
6/4/2025	7:41	79.5	0.0795	
6/4/2025	7:42	69.8	0.0698	
6/4/2025	7:43	123.7	0.1237	
6/4/2025	7:44	133.1	0.1331	
6/4/2025	7:45	71.2	0.0712	
6/4/2025	7:46	138.9	0.1389	
6/4/2025	7:47	132.7	0.1327	
6/4/2025	7:48	92	0.092	0.087286667
6/4/2025	7:49	21.5	0.0215	
6/4/2025	7:50	92.8	0.0928	
6/4/2025	7:51	105.5	0.1055	
6/4/2025	7:52	66.4	0.0664	
6/4/2025	7:53	134	0.134	
6/4/2025	7:54	132	0.132	
6/4/2025	7:55	54.1	0.0541	
6/4/2025	7:56	51	0.051	
6/4/2025	7:57	102.2	0.1022	
6/4/2025	7:58	96.6	0.0966	
6/4/2025	7:59	86.7	0.0867	
6/4/2025	8:00	98.3	0.0983	
6/4/2025	8:01	157.4	0.1574	
6/4/2025	8:02	99.6	0.0996	
6/4/2025	8:03	96.7	0.0967	0.092986667
6/4/2025	8:04	99.9	0.0999	
6/4/2025	8:05	108.6	0.1086	
6/4/2025	8:06	100.9	0.1009	
6/4/2025	8:07	92.9	0.0929	
6/4/2025	8:08	93.3	0.0933	
6/4/2025	8:09	88	0.088	
6/4/2025	8:10	70.1	0.0701	
6/4/2025	8:11	69.1	0.0691	
6/4/2025	8:12	62.1	0.0621	
6/4/2025	8:13	63.4	0.0634	
6/4/2025	8:14	87.3	0.0873	

6/4/2025	8:15	49.7	0.0497	
6/4/2025	8:16	79.8	0.0798	
6/4/2025	8:17	91.3	0.0913	
6/4/2025	8:18	81.5	0.0815	0.082526667
6/4/2025	8:19	73.2	0.0732	
6/4/2025	8:20	53.8	0.0538	
6/4/2025	8:21	68.3	0.0683	
6/4/2025	8:22	59.9	0.0599	
6/4/2025	8:23	77.6	0.0776	
6/4/2025	8:24	56.4	0.0564	
6/4/2025	8:25	58.9	0.0589	
6/4/2025	8:26	72.9	0.0729	
6/4/2025	8:27	76.5	0.0765	
6/4/2025	8:28	76.7	0.0767	
6/4/2025	8:29	53.3	0.0533	
6/4/2025	8:30	51.5	0.0515	
6/4/2025	8:31	43.7	0.0437	
6/4/2025	8:32	38.6	0.0386	
6/4/2025	8:33	32.8	0.0328	0.059606667
6/4/2025	8:34	41.3	0.0413	
6/4/2025	8:35	47.9	0.0479	
6/4/2025	8:36	44	0.044	
6/4/2025	8:37	47.4	0.0474	
6/4/2025	8:38	39.1	0.0391	
6/4/2025	8:39	30.3	0.0303	
6/4/2025	8:40	31.3	0.0313	
6/4/2025	8:41	32.8	0.0328	
6/4/2025	8:42	38	0.038	
6/4/2025	8:43	40.7	0.0407	
6/4/2025	8:44	38.6	0.0386	
6/4/2025	8:45	36.7	0.0367	
6/4/2025	8:46	86.6	0.0866	
6/4/2025	8:47	53.8	0.0538	
6/4/2025	8:48	45.4	0.0454	0.043593333
6/4/2025	8:49	42	0.042	
6/4/2025	8:50	39	0.039	
6/4/2025	8:51	61.8	0.0618	
6/4/2025	8:52	50.4	0.0504	
6/4/2025	8:53	54.8	0.0548	
6/4/2025	8:54	40.2	0.0402	
6/4/2025	8:55	39.2	0.0392	
6/4/2025	8:56	36.7	0.0367	
6/4/2025	8:57	31.9	0.0319	
6/4/2025	8:58	32.7	0.0327	

6/4/2025	8:59	24.6	0.0246	
6/4/2025	9:00	33.8	0.0338	
6/4/2025	9:01	42.1	0.0421	
6/4/2025	9:02	44.2	0.0442	
6/4/2025	9:03	48.6	0.0486	0.041466667
6/4/2025	9:04	53.9	0.0539	
6/4/2025	9:05	89.4	0.0894	
6/4/2025	9:06	59.5	0.0595	
6/4/2025	9:07	77.7	0.0777	
6/4/2025	9:08	69.7	0.0697	
6/4/2025	9:09	69.8	0.0698	
6/4/2025	9:10	77.8	0.0778	
6/4/2025	9:11	80.1	0.0801	
6/4/2025	9:12	102.8	0.1028	
6/4/2025	9:13	133.7	0.1337	
6/4/2025	9:14	112.6	0.1126	
6/4/2025	9:15	112.9	0.1129	
6/4/2025	9:16	137.9	0.1379	
6/4/2025	9:17	87	0.087	
6/4/2025	9:18	84.9	0.0849	0.08998
6/4/2025	9:19	62.2	0.0622	
6/4/2025	9:20	70.6	0.0706	
6/4/2025	9:21	60	0.06	
6/4/2025	9:22	41	0.041	
6/4/2025	9:23	78.9	0.0789	
6/4/2025	9:24	75.5	0.0755	
6/4/2025	9:25	84.5	0.0845	
6/4/2025	9:26	131.3	0.1313	
6/4/2025	9:27	56	0.056	
6/4/2025	9:28	96.9	0.0969	
6/4/2025	9:29	80.6	0.0806	
6/4/2025	9:30	84.4	0.0844	
6/4/2025	9:31	83.8	0.0838	
6/4/2025	9:32	62.8	0.0628	
6/4/2025	9:33	55.1	0.0551	0.074906667
6/4/2025	9:34	48.5	0.0485	
6/4/2025	9:35	47.6	0.0476	
6/4/2025	9:36	79.2	0.0792	
6/4/2025	9:37	90	0.09	
6/4/2025	9:38	73	0.073	
6/4/2025	9:39	59.9	0.0599	
6/4/2025	9:40	47.2	0.0472	
6/4/2025	9:41	48.4	0.0484	
6/4/2025	9:42	46.7	0.0467	

6/4/2025	9:43	54	0.054	
6/4/2025	9:44	48	0.048	
6/4/2025	9:45	46.4	0.0464	
6/4/2025	9:46	73.1	0.0731	
6/4/2025	9:47	74.6	0.0746	
6/4/2025	9:48	78.3	0.0783	0.060993333
6/4/2025	9:49	66.2	0.0662	
6/4/2025	9:50	49.9	0.0499	
6/4/2025	9:51	58.5	0.0585	
6/4/2025	9:52	58.3	0.0583	
6/4/2025	9:53	55.3	0.0553	
6/4/2025	9:54	52.5	0.0525	
6/4/2025	9:55	85.7	0.0857	
6/4/2025	9:56	91.7	0.0917	
6/4/2025	9:57	78.4	0.0784	
6/4/2025	9:58	78.9	0.0789	
6/4/2025	9:59	59.7	0.0597	
6/4/2025	10:00	62.9	0.0629	
6/4/2025	10:01	68.5	0.0685	
6/4/2025	10:02	60.9	0.0609	
6/4/2025	10:03	83.6	0.0836	0.0674
6/4/2025	10:04	59.9	0.0599	
6/4/2025	10:05	76.4	0.0764	
6/4/2025	10:06	64.2	0.0642	
6/4/2025	10:07	57.3	0.0573	
6/4/2025	10:08	61.9	0.0619	
6/4/2025	10:09	42.5	0.0425	
6/4/2025	10:10	43.5	0.0435	
6/4/2025	10:11	59	0.059	
6/4/2025	10:12	72.7	0.0727	
6/4/2025	10:13	190.6	0.1906	
6/4/2025	10:14	177.4	0.1774	
6/4/2025	10:15	146.6	0.1466	
6/4/2025	10:16	117.8	0.1178	
6/4/2025	10:17	92.5	0.0925	
6/4/2025	10:18	62.4	0.0624	0.088313333
6/4/2025	10:19	62.6	0.0626	
6/4/2025	10:20	32.2	0.0322	
6/4/2025	10:21	53.6	0.0536	
6/4/2025	10:22	57.1	0.0571	
6/4/2025	10:23	94.8	0.0948	
6/4/2025	10:24	109.8	0.1098	
6/4/2025	10:25	70.6	0.0706	
6/4/2025	10:26	90	0.09	

6/4/2025	10:27	68.7	0.0687	
6/4/2025	10:28	76.6	0.0766	
6/4/2025	10:29	107.4	0.1074	
6/4/2025	10:30	94	0.094	
6/4/2025	10:31	146.7	0.1467	
6/4/2025	10:32	48.9	0.0489	
6/4/2025	10:33	111.7	0.1117	0.081646667
6/4/2025	10:34	47.6	0.0476	
6/4/2025	10:35	41.5	0.0415	
6/4/2025	10:36	58.2	0.0582	
6/4/2025	10:37	44.4	0.0444	
6/4/2025	10:38	36.6	0.0366	
6/4/2025	10:39	39	0.039	
6/4/2025	10:40	59.6	0.0596	
6/4/2025	10:41	129.5	0.1295	
6/4/2025	10:42	40.4	0.0404	
6/4/2025	10:43	66	0.066	
6/4/2025	10:44	149.5	0.1495	
6/4/2025	10:45	163.3	0.1633	
6/4/2025	10:46	107	0.107	
6/4/2025	10:47	62.2	0.0622	
6/4/2025	10:48	52.6	0.0526	0.07316
6/4/2025	10:49	80.8	0.0808	
6/4/2025	10:50	74.7	0.0747	
6/4/2025	10:51	39.2	0.0392	
6/4/2025	10:52	74.5	0.0745	
6/4/2025	10:53	74.2	0.0742	
6/4/2025	10:54	40.4	0.0404	
6/4/2025	10:55	55.5	0.0555	
6/4/2025	10:56	30.9	0.0309	
6/4/2025	10:57	80.6	0.0806	
6/4/2025	10:58	62.3	0.0623	
6/4/2025	10:59	89.2	0.0892	
6/4/2025	11:00	154.2	0.1542	
6/4/2025	11:01	102.5	0.1025	
6/4/2025	11:02	90.4	0.0904	
6/4/2025	11:03	81.1	0.0811	0.075366667
6/4/2025	11:04	60.3	0.0603	
6/4/2025	11:05	50.4	0.0504	
6/4/2025	11:06	146.6	0.1466	
6/4/2025	11:07	78.3	0.0783	
6/4/2025	11:08	47.1	0.0471	
6/4/2025	11:09	57	0.057	
6/4/2025	11:10	44.7	0.0447	

6/4/2025	11:11	35.7	0.0357	
6/4/2025	11:12	28.5	0.0285	
6/4/2025	11:13	35.5	0.0355	
6/4/2025	11:14	52.5	0.0525	
6/4/2025	11:15	28.6	0.0286	
6/4/2025	11:16	37.1	0.0371	
6/4/2025	11:17	29.8	0.0298	
6/4/2025	11:18	51.4	0.0514	0.052233333
6/4/2025	11:19	55.1	0.0551	
6/4/2025	11:20	51.4	0.0514	
6/4/2025	11:21	37.3	0.0373	
6/4/2025	11:22	41.9	0.0419	
6/4/2025	11:23	48.8	0.0488	
6/4/2025	11:24	35.9	0.0359	
6/4/2025	11:25	67.8	0.0678	
6/4/2025	11:26	43.5	0.0435	
6/4/2025	11:27	54.4	0.0544	
6/4/2025	11:28	106	0.106	
6/4/2025	11:29	150	0.15	
6/4/2025	11:30	67.2	0.0672	
6/4/2025	11:31	45.9	0.0459	
6/4/2025	11:32	31.2	0.0312	
6/4/2025	11:33	25.3	0.0253	0.057446667
6/4/2025	11:34	53.7	0.0537	
6/4/2025	11:35	28.9	0.0289	
6/4/2025	11:36	29.9	0.0299	
6/4/2025	11:37	37	0.037	
6/4/2025	11:38	43.1	0.0431	
6/4/2025	11:39	75.4	0.0754	
6/4/2025	11:40	176.4	0.1764	
6/4/2025	11:41	55.3	0.0553	
6/4/2025	11:42	43.1	0.0431	
6/4/2025	11:43	63.7	0.0637	
6/4/2025	11:44	52.6	0.0526	
6/4/2025	11:45	74.9	0.0749	
6/4/2025	11:46	51	0.051	
6/4/2025	11:47	47.7	0.0477	
6/4/2025	11:48	79.2	0.0792	0.060793333
6/4/2025	11:49	66.7	0.0667	
6/4/2025	11:50	69.6	0.0696	
6/4/2025	11:51	73.1	0.0731	
6/4/2025	11:52	56.7	0.0567	
6/4/2025	11:53	70.3	0.0703	
6/4/2025	11:54	54.3	0.0543	

6/4/2025	11:55	101.8	0.1018	
6/4/2025	11:56	58.6	0.0586	
6/4/2025	11:57	65.8	0.0658	
6/4/2025	11:58	115.8	0.1158	
6/4/2025	11:59	127.6	0.1276	
6/4/2025	12:00	85.6	0.0856	
6/4/2025	12:01	70.6	0.0706	
6/4/2025	12:02	52.3	0.0523	
6/4/2025	12:03	80.2	0.0802	0.0766
6/4/2025	12:04	65.2	0.0652	
6/4/2025	12:05	67.5	0.0675	
6/4/2025	12:06	87.3	0.0873	
6/4/2025	12:07	75	0.075	
6/4/2025	12:08	179.3	0.1793	
6/4/2025	12:09	97.1	0.0971	
6/4/2025	12:10	54.3	0.0543	
6/4/2025	12:11	134.5	0.1345	
6/4/2025	12:12	68.2	0.0682	
6/4/2025	12:13	38.5	0.0385	
6/4/2025	12:14	91.3	0.0913	
6/4/2025	12:15	134.5	0.1345	
6/4/2025	12:16	126.3	0.1263	
6/4/2025	12:17	77.4	0.0774	
6/4/2025	12:18	29.9	0.0299	0.08842
6/4/2025	12:19	111.3	0.1113	
6/4/2025	12:20	117.4	0.1174	
6/4/2025	12:21	57.1	0.0571	
6/4/2025	12:22	26.7	0.0267	
6/4/2025	12:23	200.2	0.2002	
6/4/2025	12:24	23.5	0.0235	
6/4/2025	12:25	61.2	0.0612	
6/4/2025	12:26	91.6	0.0916	
6/4/2025	12:27	121.2	0.1212	
6/4/2025	12:28	94.1	0.0941	
6/4/2025	12:29	126	0.126	
6/4/2025	12:30	61	0.061	
6/4/2025	12:31	73	0.073	
6/4/2025	12:32	124.1	0.1241	
6/4/2025	12:33	103.6	0.1036	0.0928
6/4/2025	12:34	106.5	0.1065	
6/4/2025	12:35	41.8	0.0418	
6/4/2025	12:36	144.9	0.1449	
6/4/2025	12:37	98.6	0.0986	
6/4/2025	12:38	110.7	0.1107	

6/4/2025	12:39	137.7	0.1377	
6/4/2025	12:40	67.3	0.0673	
6/4/2025	12:41	85	0.085	
6/4/2025	12:42	74.6	0.0746	
6/4/2025	12:43	55.1	0.0551	
6/4/2025	12:44	61.7	0.0617	
6/4/2025	12:45	82.5	0.0825	
6/4/2025	12:46	114.1	0.1141	
6/4/2025	12:47	126.5	0.1265	
6/4/2025	12:48	64.8	0.0648	0.091453333
6/4/2025	12:49	48.8	0.0488	
6/4/2025	12:50	82.9	0.0829	
6/4/2025	12:51	93.4	0.0934	
6/4/2025	12:52	73.8	0.0738	
6/4/2025	12:53	57.3	0.0573	
6/4/2025	12:54	76.7	0.0767	
6/4/2025	12:55	99.2	0.0992	
6/4/2025	12:56	147.8	0.1478	
6/4/2025	12:57	47.9	0.0479	
6/4/2025	12:58	49.9	0.0499	
6/4/2025	12:59	117.8	0.1178	
6/4/2025	13:00	134.6	0.1346	
6/4/2025	13:01	107.4	0.1074	
6/4/2025	13:02	152.3	0.1523	
6/4/2025	13:03	146.4	0.1464	0.095746667
6/4/2025	13:04	88.9	0.0889	
6/4/2025	13:05	319	0.319	
6/4/2025	13:06	74.4	0.0744	
6/4/2025	13:07	81.9	0.0819	
6/4/2025	13:08	81	0.081	
6/4/2025	13:09	113.8	0.1138	
6/4/2025	13:10	61.9	0.0619	
6/4/2025	13:11	123	0.123	
6/4/2025	13:12	110.2	0.1102	
6/4/2025	13:13	54.3	0.0543	
6/4/2025	13:14	44.3	0.0443	
6/4/2025	13:15	44.2	0.0442	
6/4/2025	13:16	44	0.044	
6/4/2025	13:17	81.9	0.0819	
6/4/2025	13:18	111.5	0.1115	0.09562
6/4/2025	13:19	33.9	0.0339	
6/4/2025	13:20	68.4	0.0684	
6/4/2025	13:21	74.6	0.0746	
6/4/2025	13:22	89.4	0.0894	

6/4/2025	13:23	32.6	0.0326	
6/4/2025	13:24	41.1	0.0411	
6/4/2025	13:25	66.6	0.0666	
6/4/2025	13:26	160.8	0.1608	
6/4/2025	13:27	201	0.201	
6/4/2025	13:28	31.9	0.0319	
6/4/2025	13:29	110.2	0.1102	
6/4/2025	13:30	104.9	0.1049	
6/4/2025	13:31	143.7	0.1437	
6/4/2025	13:32	53.2	0.0532	
6/4/2025	13:33	161.1	0.1611	0.09156
6/4/2025	13:34	271	0.271	
6/4/2025	13:35	141.5	0.1415	
6/4/2025	13:36	99.1	0.0991	
6/4/2025	13:37	53.6	0.0536	
6/4/2025	13:38	85.4	0.0854	
6/4/2025	13:39	83.9	0.0839	
6/4/2025	13:40	23.9	0.0239	
6/4/2025	13:41	82	0.082	
6/4/2025	13:42	41.7	0.0417	
6/4/2025	13:43	33.5	0.0335	
6/4/2025	13:44	68.4	0.0684	
6/4/2025	13:45	39.2	0.0392	
6/4/2025	13:46	182.9	0.1829	
6/4/2025	13:47	77.4	0.0774	
6/4/2025	13:48	102.7	0.1027	0.092413333
6/4/2025	13:49	152.6	0.1526	
6/4/2025	13:50	138.2	0.1382	
6/4/2025	13:51	176.7	0.1767	
6/4/2025	13:52	75.1	0.0751	
6/4/2025	13:53	88.1	0.0881	
6/4/2025	13:54	86.5	0.0865	
6/4/2025	13:55	69.5	0.0695	
6/4/2025	13:56	124.6	0.1246	
6/4/2025	13:57	95.6	0.0956	
6/4/2025	13:58	79.1	0.0791	
6/4/2025	13:59	52.8	0.0528	
6/4/2025	14:00	82.6	0.0826	
6/4/2025	14:01	73	0.073	
6/4/2025	14:02	54.2	0.0542	
6/4/2025	14:03	71.2	0.0712	0.094653333
6/4/2025	14:04	59.9	0.0599	
6/4/2025	14:05	61.4	0.0614	
6/4/2025	14:06	55.8	0.0558	

6/4/2025	14:07	70.1	0.0701
6/4/2025	14:08	165.5	0.1655
6/4/2025	14:09	115.3	0.1153
6/4/2025	14:10	70	0.07
6/4/2025	14:11	78.1	0.0781
6/4/2025	14:12	57.6	0.0576
6/4/2025	14:13	64.7	0.0647
6/4/2025	14:14	63.6	0.0636
6/4/2025	14:15	123.8	0.1238
6/4/2025	14:16	68.5	0.0685