

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042823\  
 Data File : VW030926.D  
 Acq On : 28 Apr 2023 17:18  
 Operator : SY/MD  
 Sample : 02488-05 20X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHE61

Quant Time: Apr 29 01:10:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR042823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Apr 29 01:06:38 2023  
 Response via : Initial Calibration

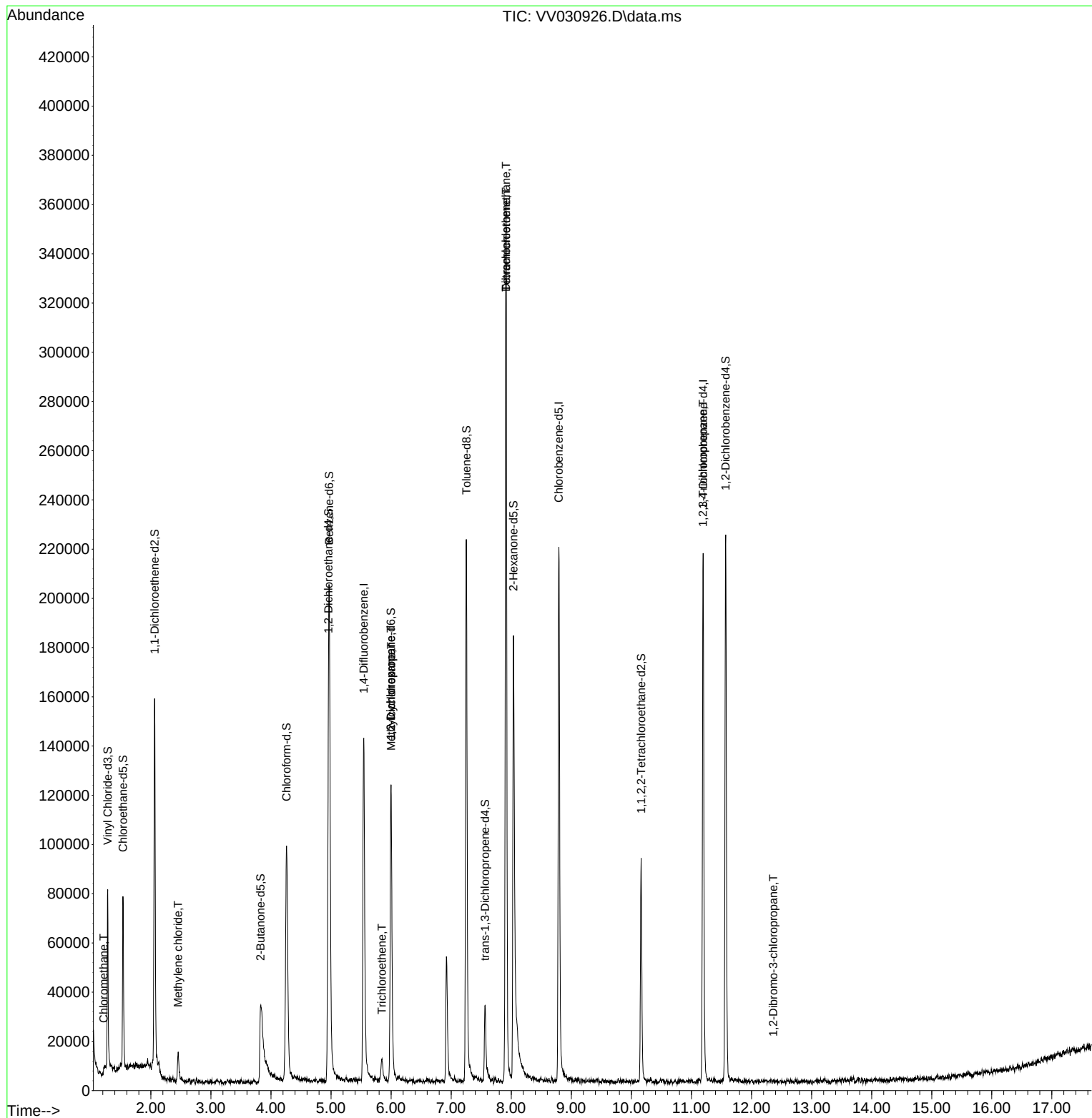
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.545  | 114   | 123817   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117   | 120445   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152   | 59698    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.281  | 65    | 48455    | 4.750    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 95.000%  |
| 7) Chloroethane-d5            | 1.535  | 69    | 41150    | 4.945    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 98.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65    | 25463    | 4.716    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 94.400%  |
| 20) 2-Butanone-d5             | 3.828  | 46    | 73662    | 40.720   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 81.440%  |
| 24) Chloroform-d              | 4.259  | 84    | 100316   | 4.948    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.000%  |
| 26) 1,2-Dichloroethane-d4     | 4.956  | 65    | 55207    | 5.356    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.200% |
| 32) Benzene-d6                | 4.969  | 84    | 173532   | 4.915    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.998  | 67    | 51828    | 5.049    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.000% |
| 41) Toluene-d8                | 7.252  | 98    | 150047   | 4.463    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.200%  |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79    | 18987    | 4.934    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 98.600%  |
| 46) 2-Hexanone-d5             | 8.037  | 63    | 65813    | 48.813   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 97.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84    | 38635    | 5.192    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 103.800% |
| 66) 1,2-Dichlorobenzene-d4    | 11.570 | 152   | 59751    | 5.369    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 107.400% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.217  | 50    | 1120     | 0.098    | ug/L # | 71       |
| 16) Methylene chloride        | 2.455  | 84    | 4549     | 0.483    | ug/L   | 97       |
| 34) Trichloroethene           | 5.847  | 95    | 2550     | 0.316    | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.001  | 83    | 13847    | 1.106    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 5.998  | 63    | 7826     | 1.089    | ug/L # | 86       |
| 47) Tetrachloroethene         | 7.911  | 164   | 79675    | 10.341   | ug/L   | 96       |
| 49) Dibromochloromethane      | 7.911  | 129   | 66338    | 9.889    | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.191 | 75    | 6710     | 1.789    | ug/L # | 63       |
| 68) 1,2-Dibromo-3-chloropr... | 12.361 | 75    | 211      | 0.222    | ug/L # | 5        |
| -----                         |        |       |          |          |        |          |

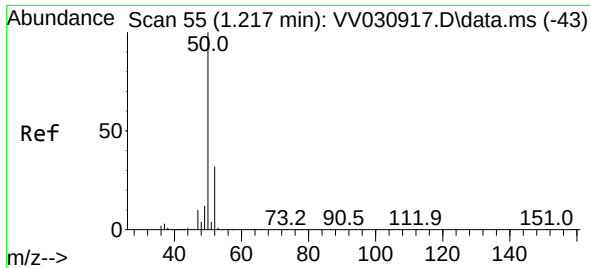
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Apr 29 01:06:38 2023  
Response via : Initial Calibration

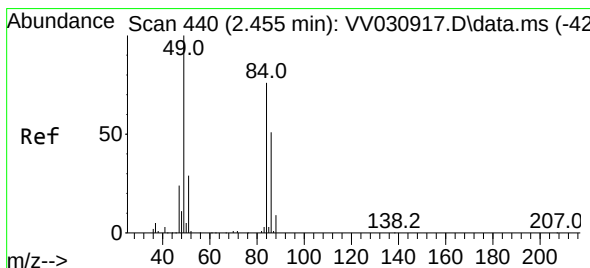
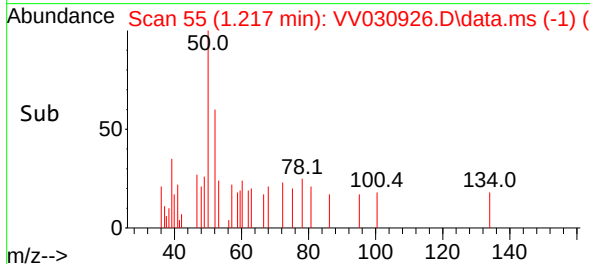
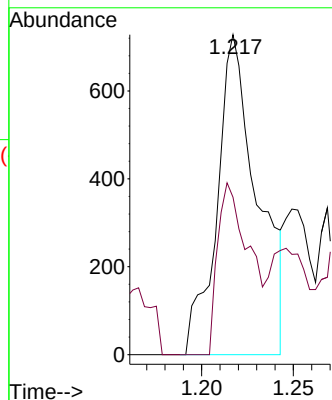
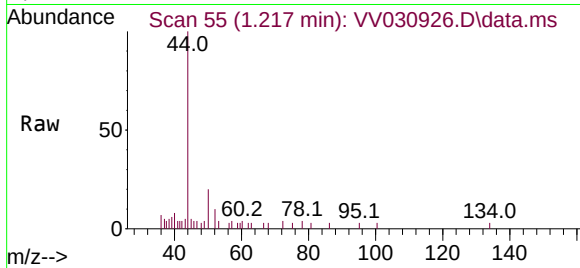




#3  
Chloromethane  
Concen: 0.098 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VV030926.D  
Acq: 28 Apr 2023 17:18

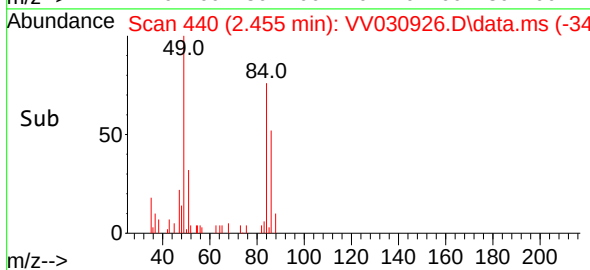
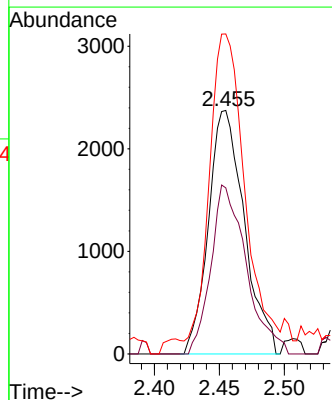
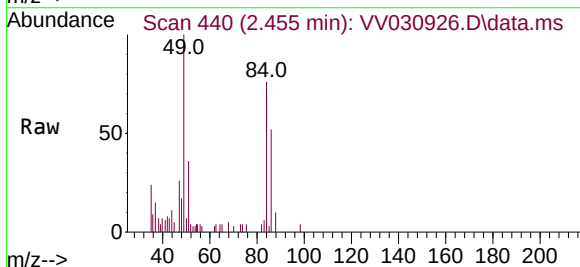
Instrument :  
MSVOA\_V  
ClientSampleId :  
BHE61

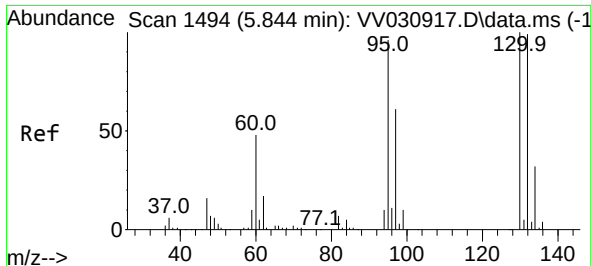
Tgt Ion: 50 Resp: 1120  
Ion Ratio Lower Upper  
50 100  
52 49.2 22.8 42.4#



#16  
Methylene chloride  
Concen: 0.483 ug/L  
RT: 2.455 min Scan# 440  
Delta R.T. -0.000 min  
Lab File: VV030926.D  
Acq: 28 Apr 2023 17:18

Tgt Ion: 84 Resp: 4549  
Ion Ratio Lower Upper  
84 100  
86 68.2 46.1 85.5  
49 131.4 94.3 175.1

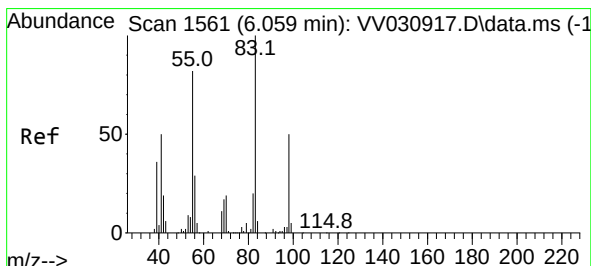
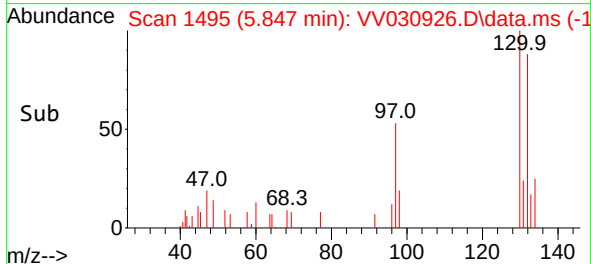
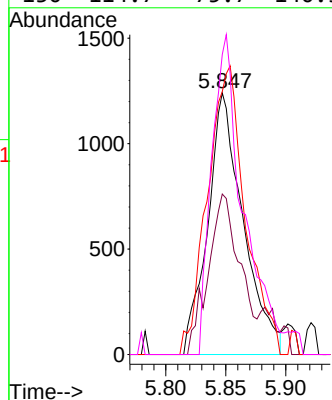
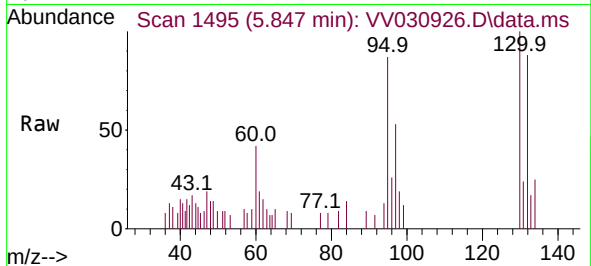




#34  
Trichloroethene  
Concen: 0.316 ug/L  
RT: 5.847 min Scan# 1494  
Delta R.T. 0.003 min  
Lab File: VV030926.D  
Acq: 28 Apr 2023 17:18

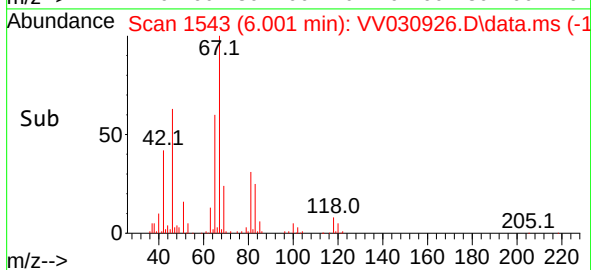
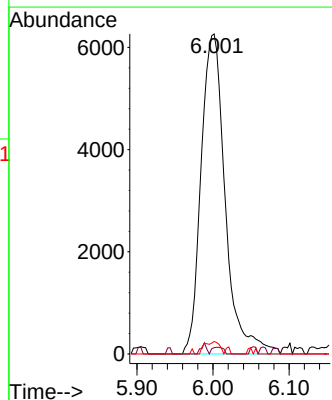
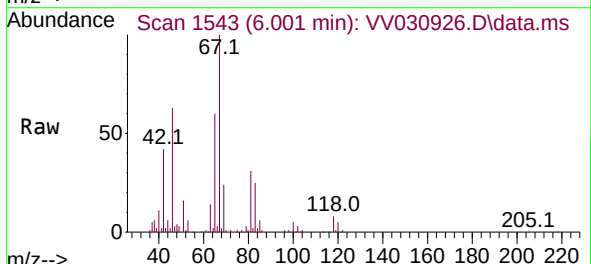
Instrument :  
MSVOA\_V  
ClientSampleId :  
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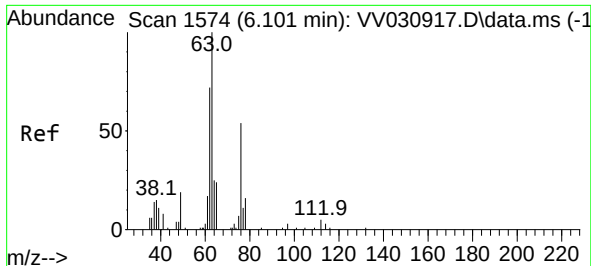
|             |             |
|-------------|-------------|
| Tgt Ion: 95 | Resp: 2550  |
| Ion Ratio   | Lower Upper |
| 95 100      |             |
| 97 61.3     | 46.2 85.8   |
| 132 100.6   | 72.7 135.1  |
| 130 114.7   | 75.7 140.5  |



#35  
Methylcyclohexane  
Concen: 1.106 ug/L  
RT: 6.001 min Scan# 1543  
Delta R.T. -0.058 min  
Lab File: VV030926.D  
Acq: 28 Apr 2023 17:18

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 13847 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 1.0      | 62.9 94.3#  |
| 98 2.4      | 40.5 60.7#  |





#37

1,2-Dichloropropane

Concen: 1.089 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030926.D

Acq: 28 Apr 2023 17:18

Instrument :

MSVOA\_V

ClientSampleId :

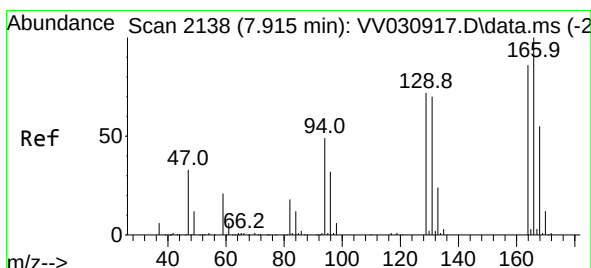
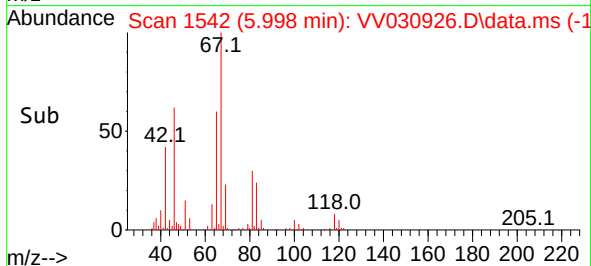
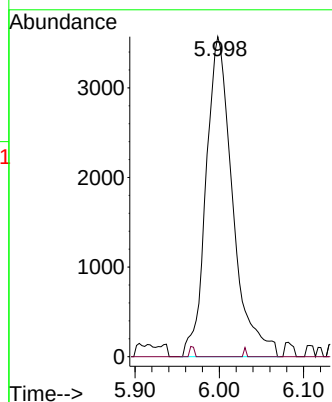
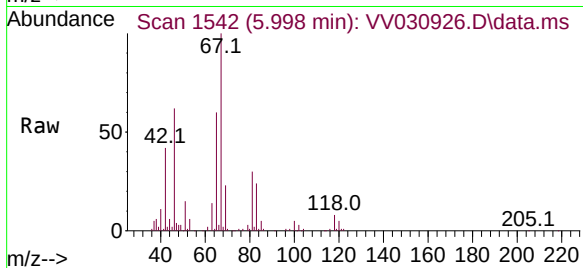
BHE61

Tgt Ion: 63 Resp: 7826

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.8#



#47

Tetrachloroethene

Concen: 10.341 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VV030926.D

Acq: 28 Apr 2023 17:18

Tgt Ion: 164 Resp: 79675

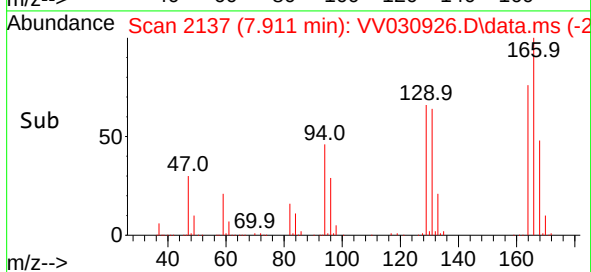
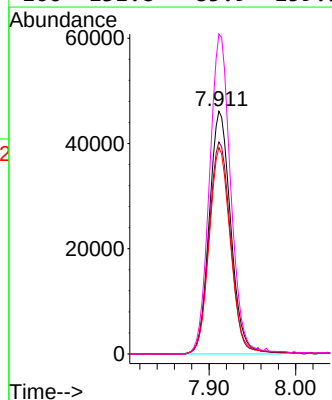
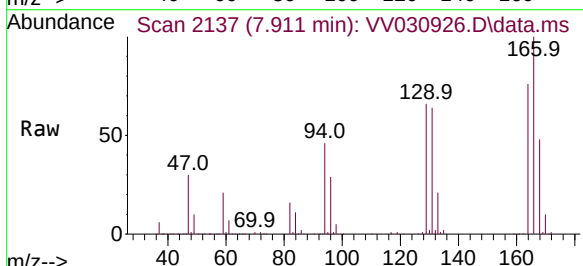
Ion Ratio Lower Upper

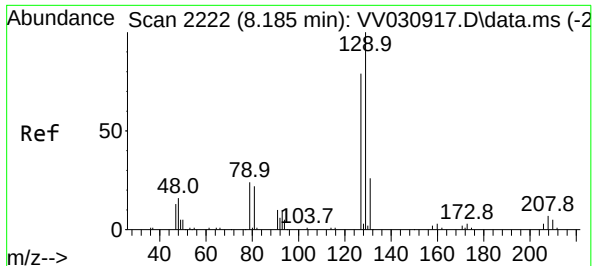
164 100

129 87.3 60.5 112.3

131 85.0 60.8 112.8

166 131.8 85.9 159.5





#49

Dibromochloromethane

Concen: 9.889 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030926.D

Acq: 28 Apr 2023 17:18

Instrument :

MSVOA\_V

ClientSampleId :

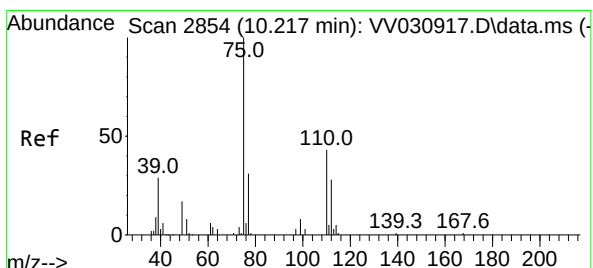
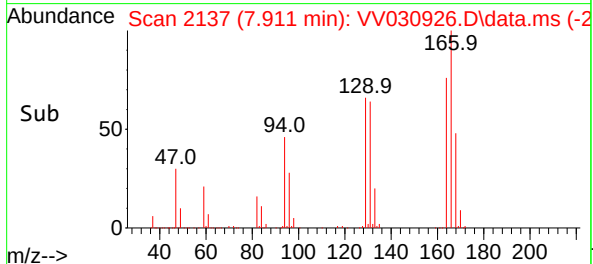
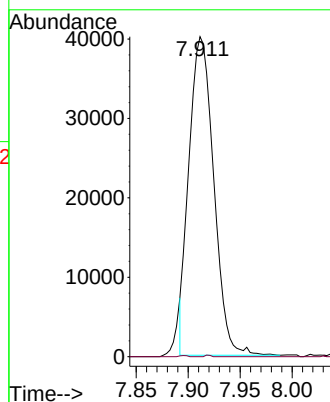
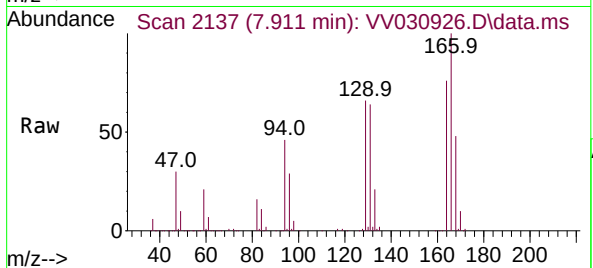
BHE61

Tgt Ion:129 Resp: 66338

Ion Ratio Lower Upper

129 100

127 0.8 55.3 102.7#



#61

1,2,3-Trichloropropane

Concen: 1.789 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV030926.D

Acq: 28 Apr 2023 17:18

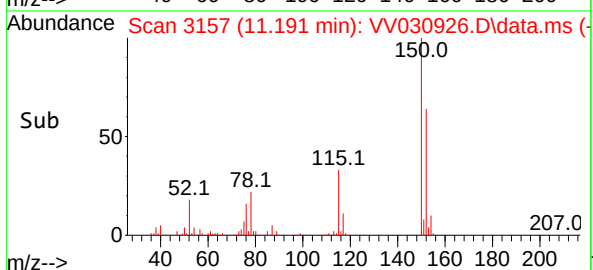
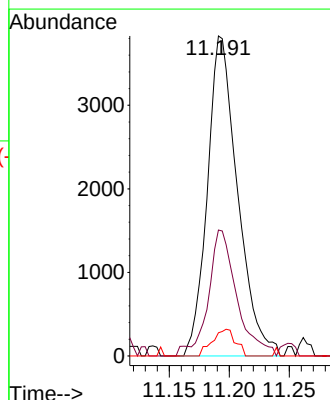
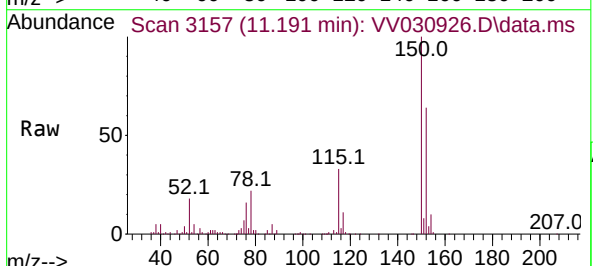
Tgt Ion: 75 Resp: 6710

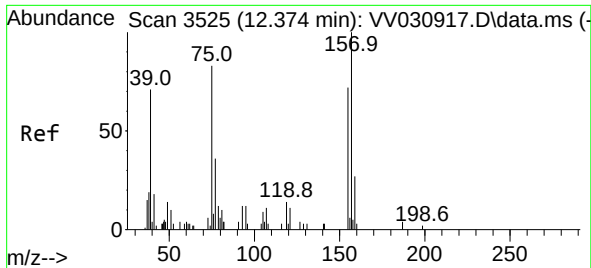
Ion Ratio Lower Upper

75 100

77 37.1 25.3 37.9

110 6.3 34.0 51.0#





#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.222 ug/L  
 RT: 12.361 min Scan# 31  
 Delta R.T. -0.013 min  
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Tgt Ion: 75 Resp: 211  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 56.2 84.4#  
 157 0.0 83.1 124.7#

