

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082423\  
 Data File : VX037209.D  
 Acq On : 24 Aug 2023 12:17  
 Operator : JC/MD  
 Sample : 04093-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EB-20230818

Quant Time: Aug 24 23:37:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

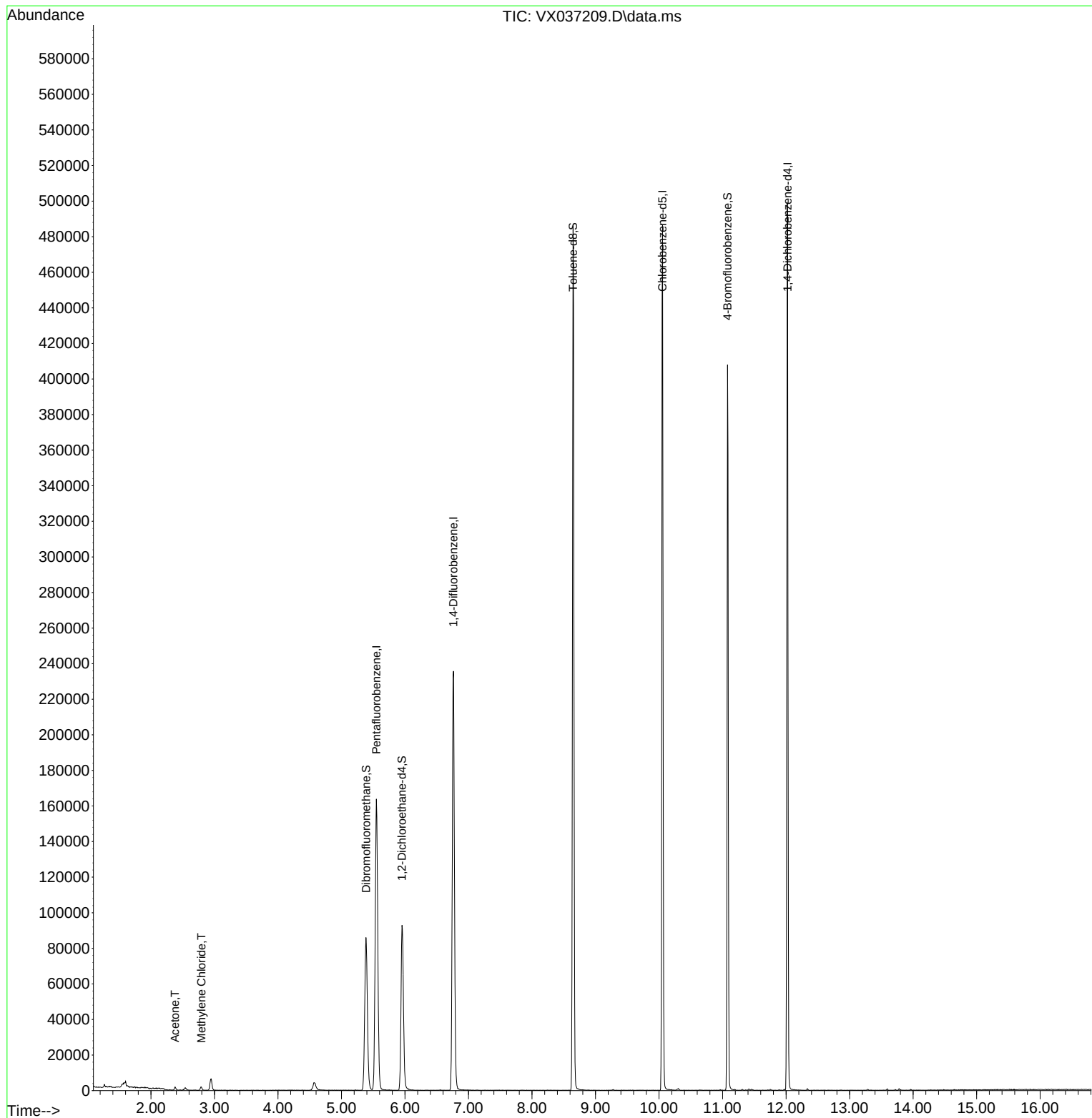
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 150126   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 248222   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 223352   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 106115   | 50.000   | ug/l   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 95031    | 43.908   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 87.820%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 75872    | 46.153   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.300%  |
| 50) Toluene-d8              | 8.647  | 98    | 290951   | 48.792   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 97.580%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 112249   | 47.900   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 95.800%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
| 16) Acetone                 | 2.380  | 43    | 1837     | 2.170    | ug/l   | 98       |
| 20) Methylene Chloride      | 2.794  | 84    | 1009     | 0.533    | ug/l # | 86       |
| -----                       |        |       |          |          |        |          |

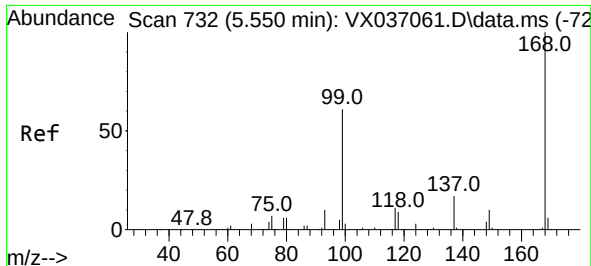
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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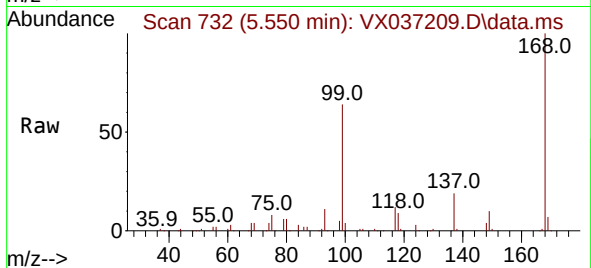
Quant Time: Aug 24 23:37:56 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration



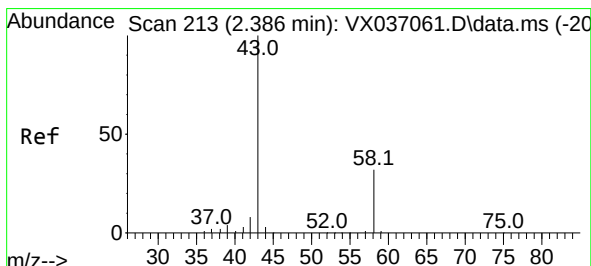
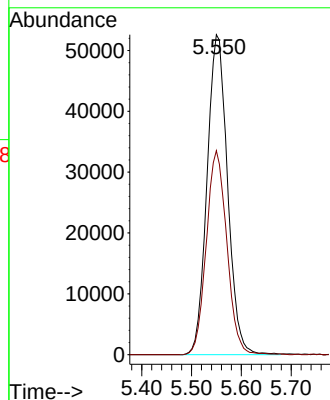
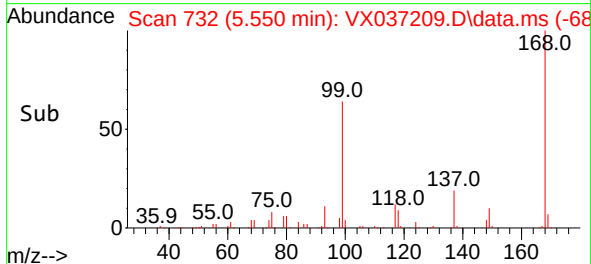


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037209.D  
Acq: 24 Aug 2023 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-20230818

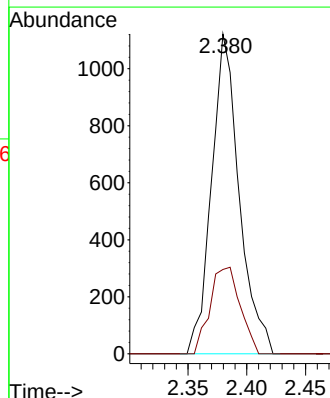
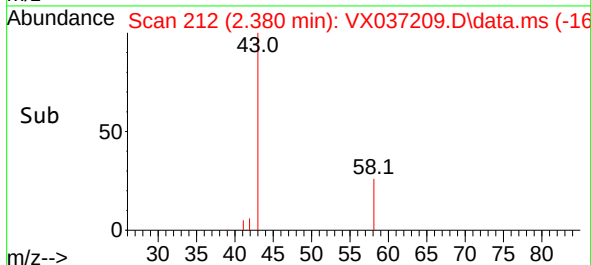
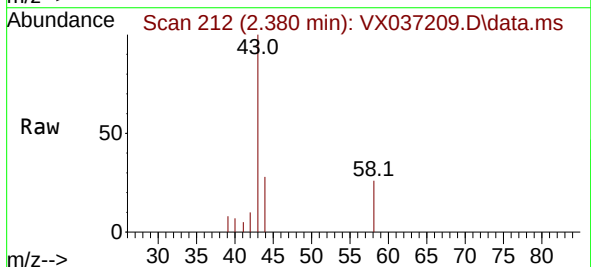


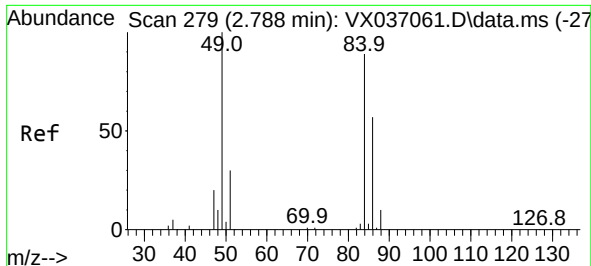
Tgt Ion:168 Resp: 150126  
Ion Ratio Lower Upper  
168 100  
99 63.8 56.6 85.0



#16  
Acetone  
Concen: 2.170 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX037209.D  
Acq: 24 Aug 2023 12:17

Tgt Ion: 43 Resp: 1837  
Ion Ratio Lower Upper  
43 100  
58 26.4 21.9 32.9

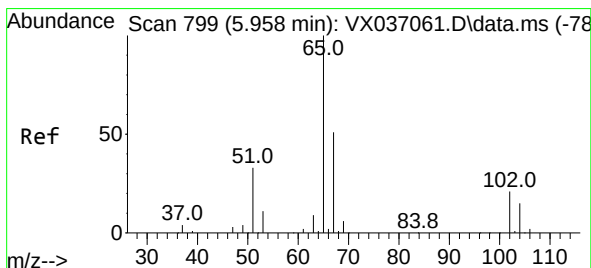
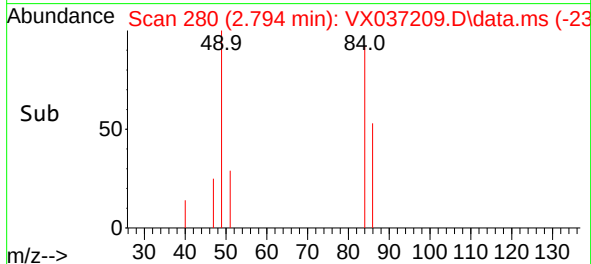
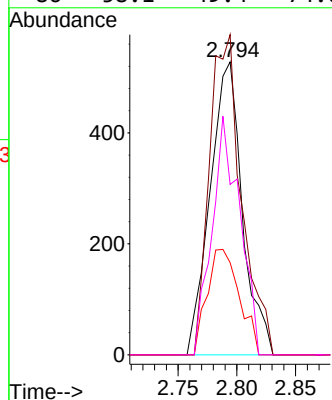
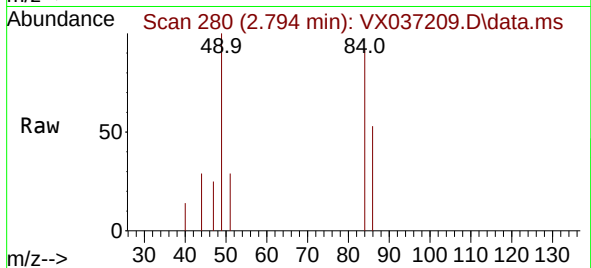




#20  
Methylene Chloride  
Concen: 0.533 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX037209.D  
Acq: 24 Aug 2023 12:17

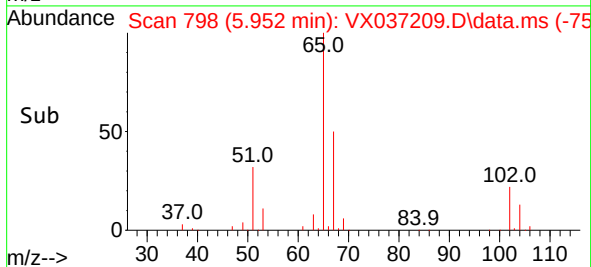
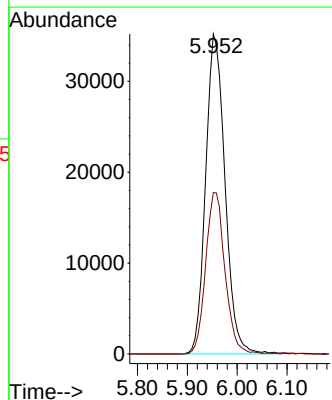
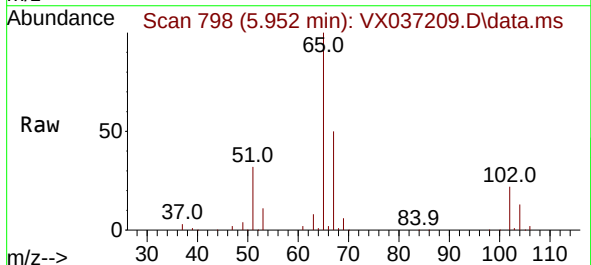
Instrument :  
MSVOA\_X  
ClientSampleId :  
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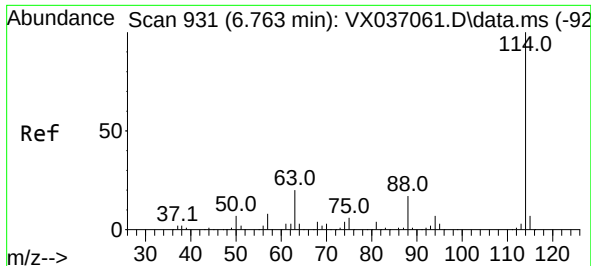
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 84 | Resp: | 1009        |
| Ion         | Ratio | Lower Upper |
| 84          | 100   |             |
| 49          | 109.3 | 103.6 155.4 |
| 51          | 31.4  | 33.8 50.6#  |
| 86          | 58.1  | 49.4 74.0   |



#33  
1,2-Dichloroethane-d4  
Concen: 43.908 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX037209.D  
Acq: 24 Aug 2023 12:17

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 65 | Resp: | 95031       |
| Ion         | Ratio | Lower Upper |
| 65          | 100   |             |
| 67          | 50.4  | 0.0 100.2   |

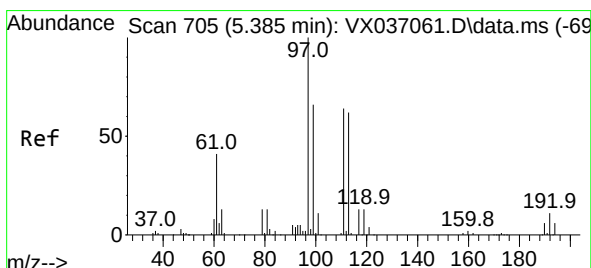
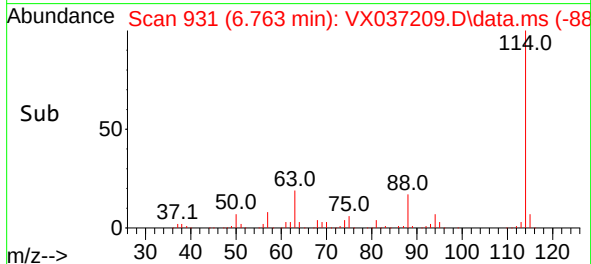
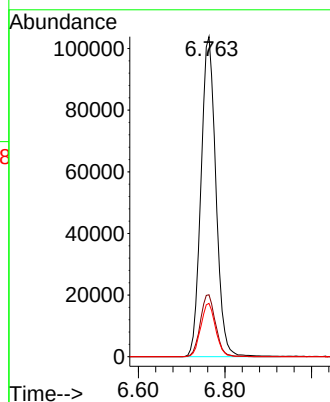
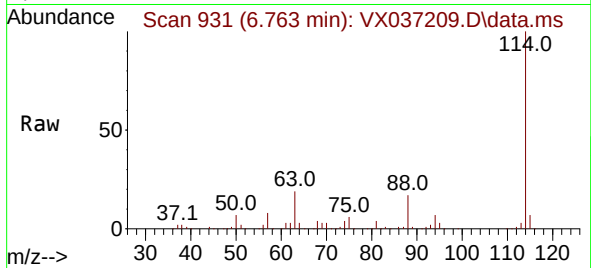




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX037209.D  
Acq: 24 Aug 2023 12:17

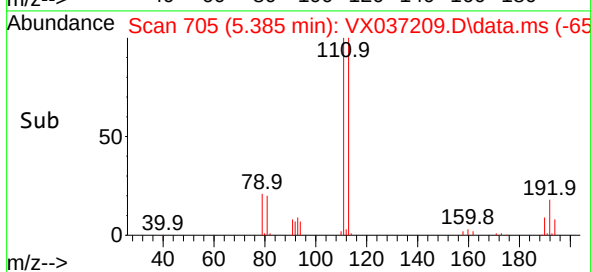
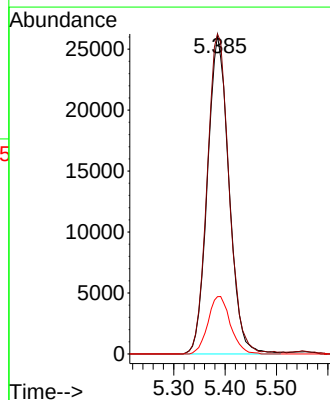
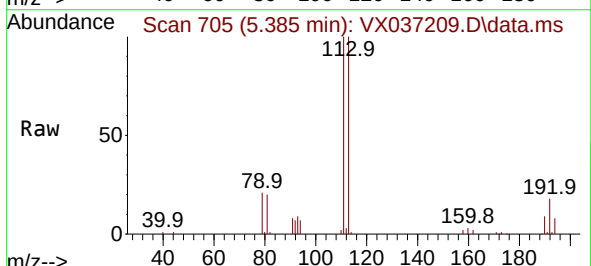
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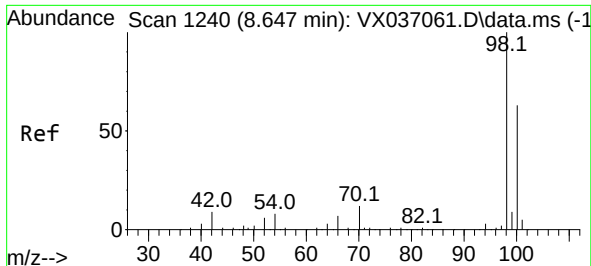
Tgt Ion:114 Resp: 248222  
Ion Ratio Lower Upper  
114 100  
63 19.3 0.0 45.0  
88 16.7 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.153 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037209.D  
Acq: 24 Aug 2023 12:17

Tgt Ion:113 Resp: 75872  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.9 124.3  
192 18.8 13.3 19.9

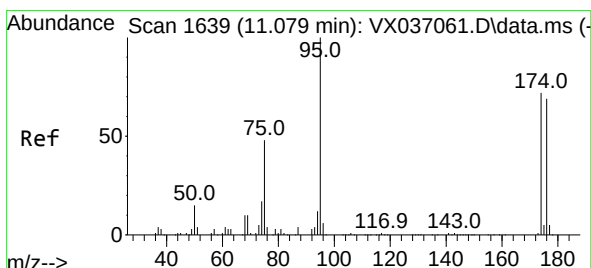
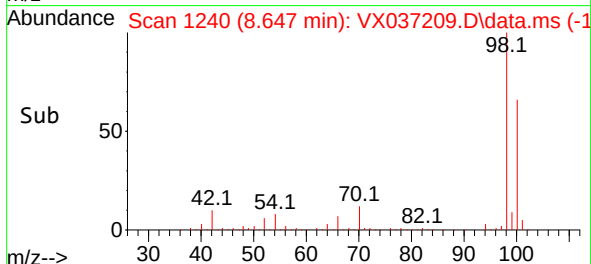
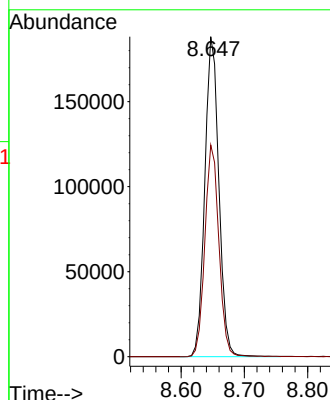
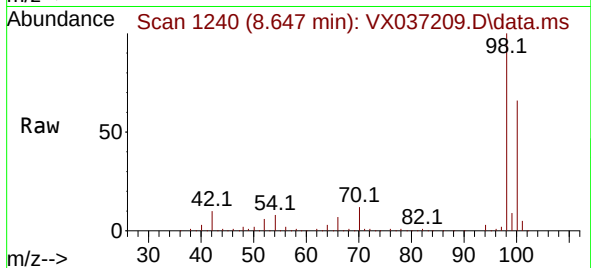




#50  
Toluene-d8  
Concen: 48.792 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037209.D  
Acq: 24 Aug 2023 12:17

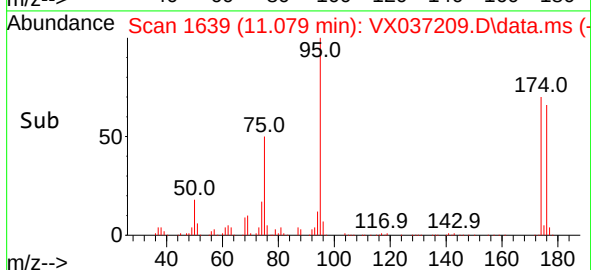
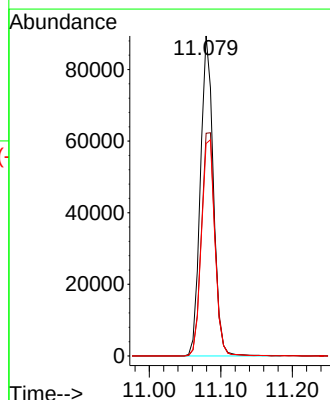
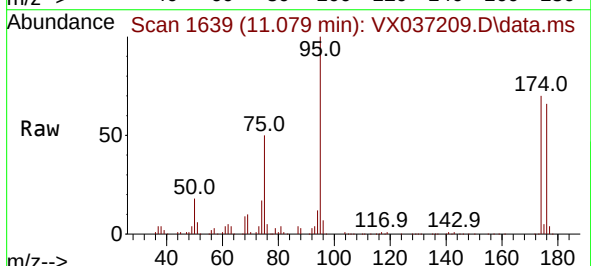
Instrument :  
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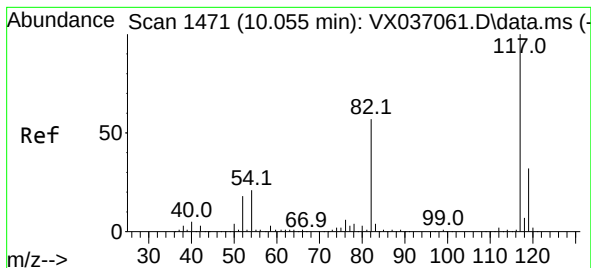
Tgt Ion: 98 Resp: 290951  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 47.900 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037209.D  
Acq: 24 Aug 2023 12:17

Tgt Ion: 95 Resp: 112249  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 135.6  
176 70.7 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX037209.D

Acq: 24 Aug 2023 12:17

Instrument :

MSVOA\_X

ClientSampleId :

EB-20230818

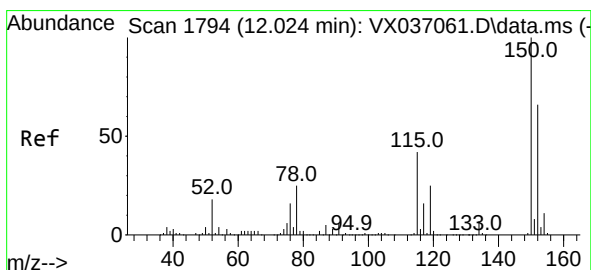
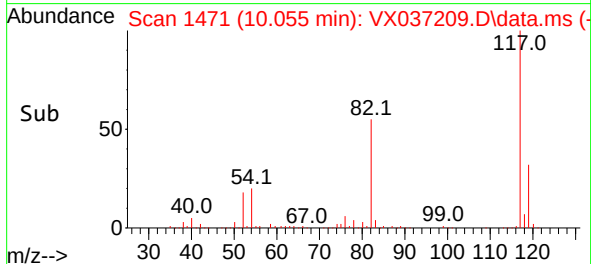
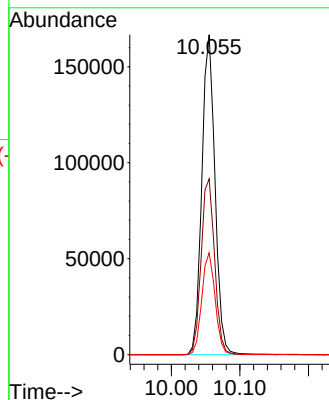
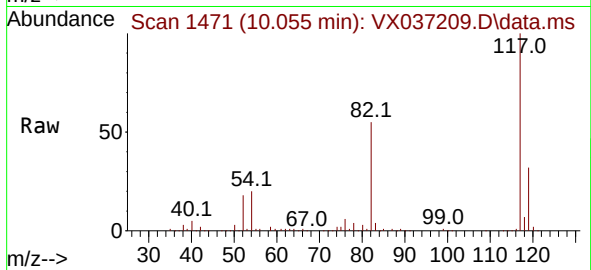
Tgt Ion:117 Resp: 223352

Ion Ratio Lower Upper

117 100

82 55.0 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037209.D

Acq: 24 Aug 2023 12:17

Tgt Ion:152 Resp: 106115

Ion Ratio Lower Upper

152 100

115 61.8 43.3 129.9

150 155.4 0.0 345.0

