

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011524\  
 Data File : VX039758.D  
 Acq On : 15 Jan 2024 16:19  
 Operator : JC/MD  
 Sample : P1145-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-195-GW-220-222

Quant Time: Jan 16 01:42:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:51:26 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 107567   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 200114   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 188789   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 84184    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 81825    | 45.410   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 90.820%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 63692    | 47.254   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 94.500%  |
| 50) Toluene-d8              | 8.647  | 98    | 243858   | 47.970   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 95.940%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 95058    | 47.818   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 95.640%  |

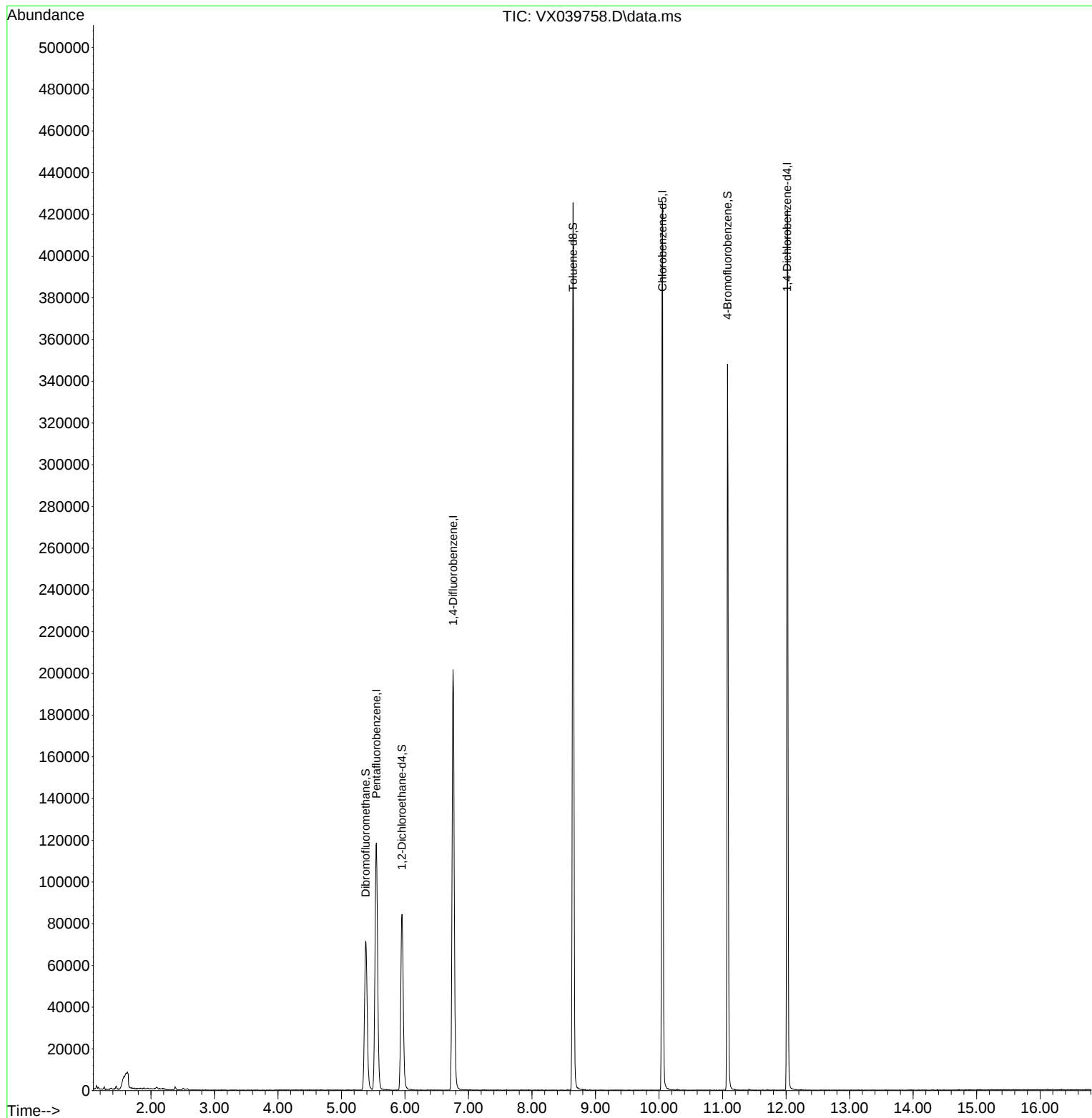
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

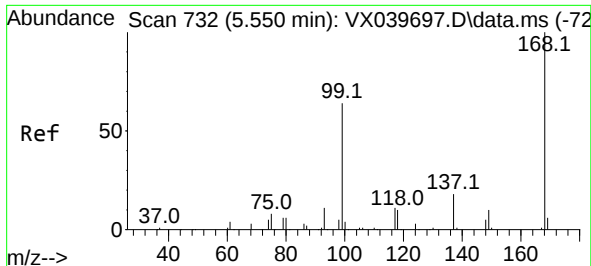
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011524\  
Data File : VX039758.D  
Acq On : 15 Jan 2024 16:19  
Operator : JC/MD  
Sample : P1145-07  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-195-GW-220-222

Quant Time: Jan 16 01:42:49 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration

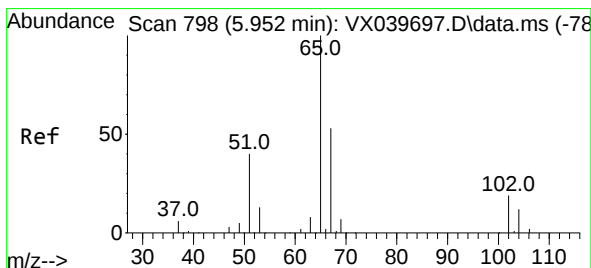
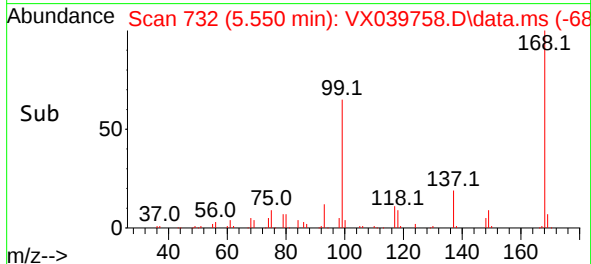
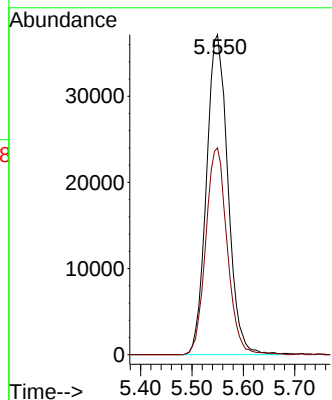
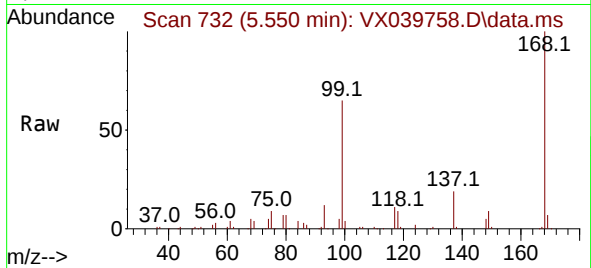




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 712  
Delta R.T. -0.000 min  
Lab File: VX039758.D  
Acq: 15 Jan 2024 16:19

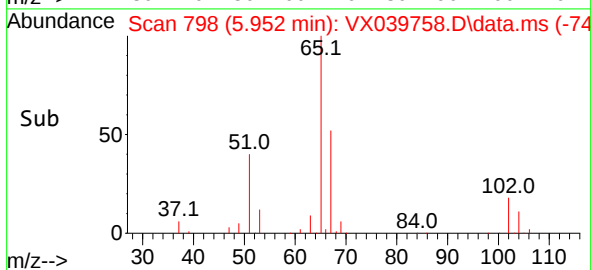
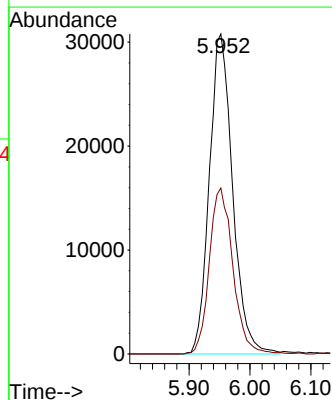
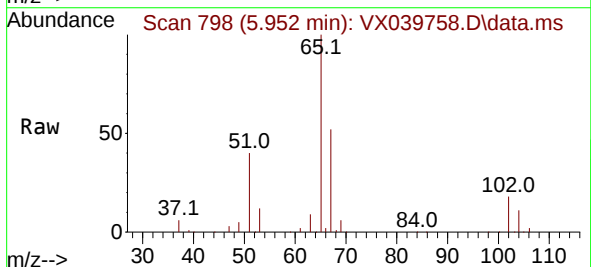
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-195-GW-220-222

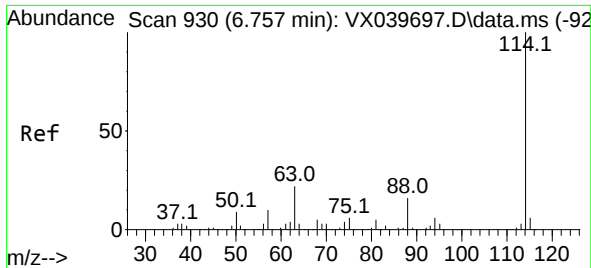
Tgt Ion:168 Resp: 107567  
Ion Ratio Lower Upper  
168 100  
99 64.6 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 45.410 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX039758.D  
Acq: 15 Jan 2024 16:19

Tgt Ion: 65 Resp: 81825  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 100.2

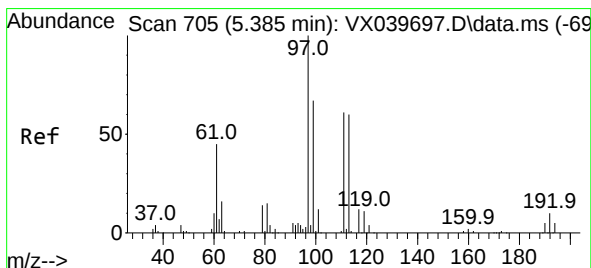
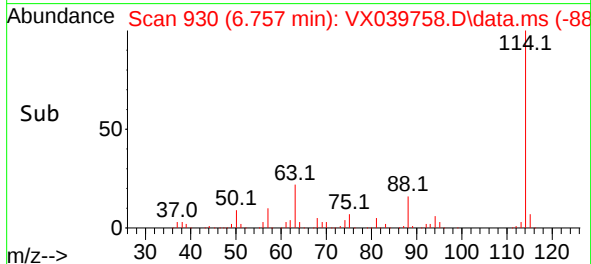
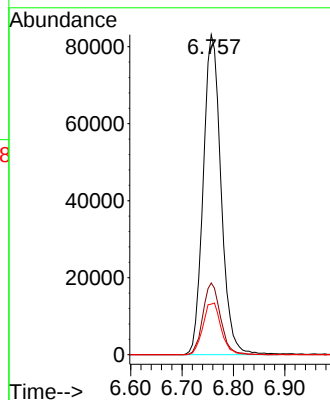
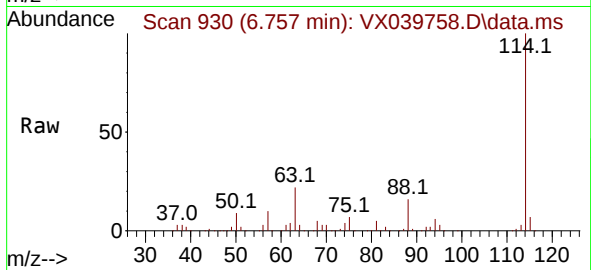




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX039758.D  
Acq: 15 Jan 2024 16:19

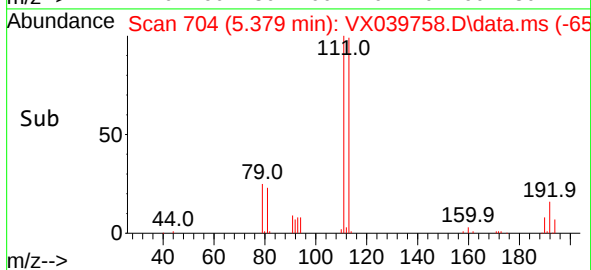
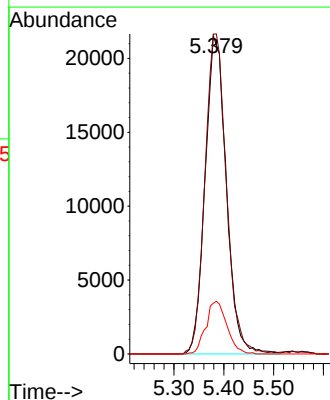
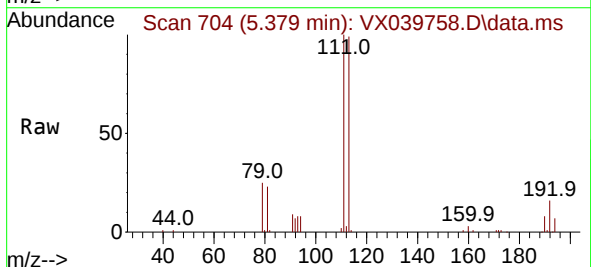
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-195-GW-220-222

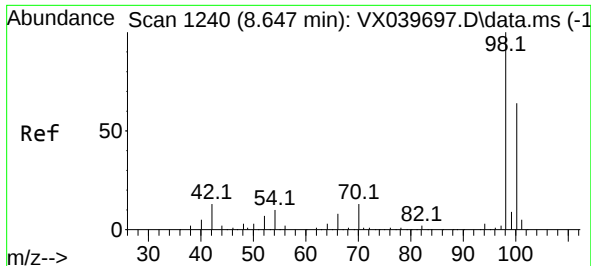
Tgt Ion:114 Resp: 200114  
Ion Ratio Lower Upper  
114 100  
63 22.4 0.0 45.0  
88 15.8 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.254 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX039758.D  
Acq: 15 Jan 2024 16:19

Tgt Ion:113 Resp: 63692  
Ion Ratio Lower Upper  
113 100  
111 101.5 82.9 124.3  
192 16.4 13.3 19.9

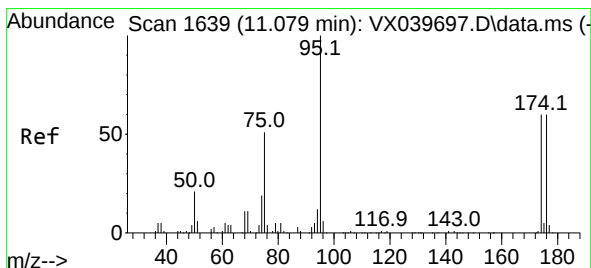
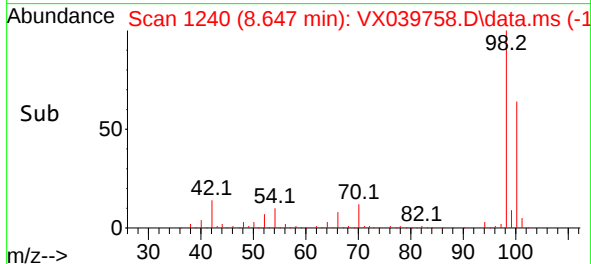
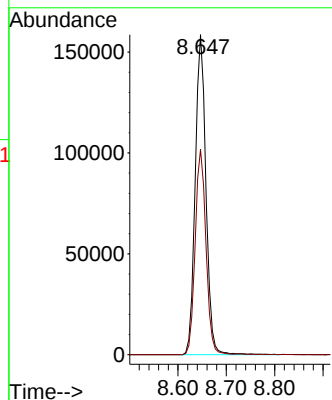
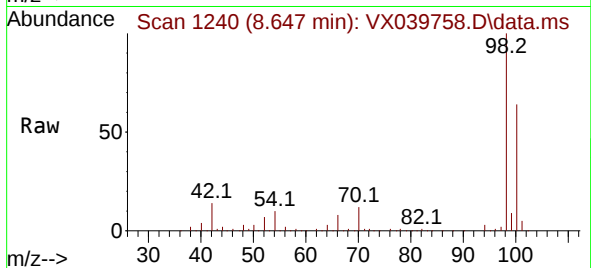




#50  
Toluene-d8  
Concen: 47.970 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039758.D  
Acq: 15 Jan 2024 16:19

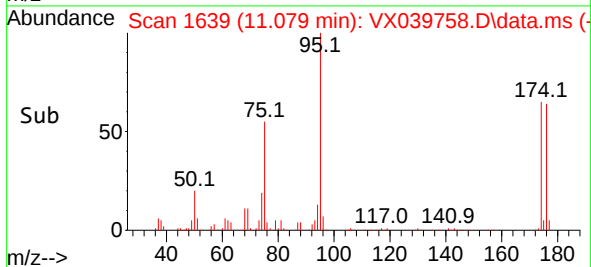
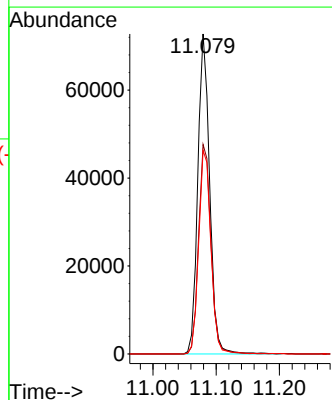
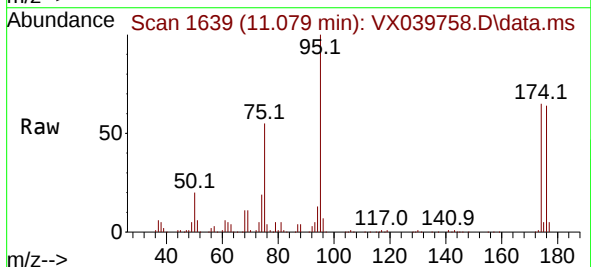
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-195-GW-220-222

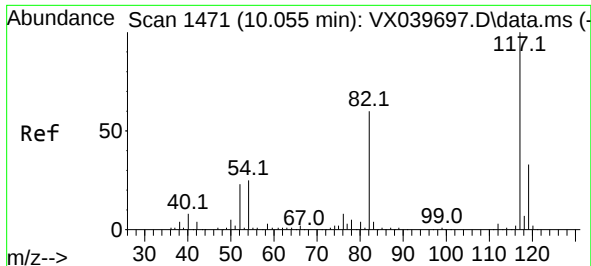
Tgt Ion: 98 Resp: 243858  
Ion Ratio Lower Upper  
98 100  
100 64.4 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 47.818 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX039758.D  
Acq: 15 Jan 2024 16:19

Tgt Ion: 95 Resp: 95058  
Ion Ratio Lower Upper  
95 100  
174 68.1 0.0 135.6  
176 65.7 0.0 131.0

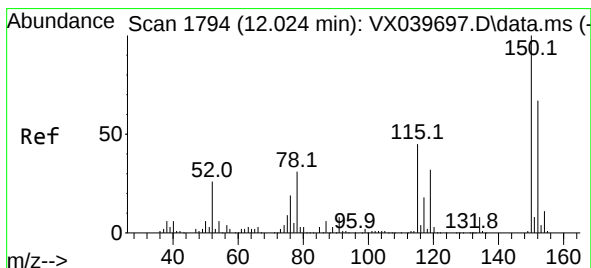
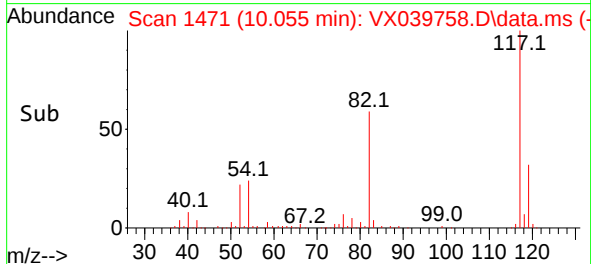
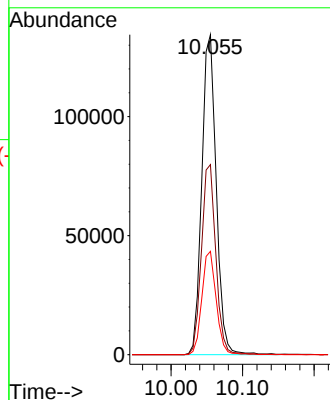
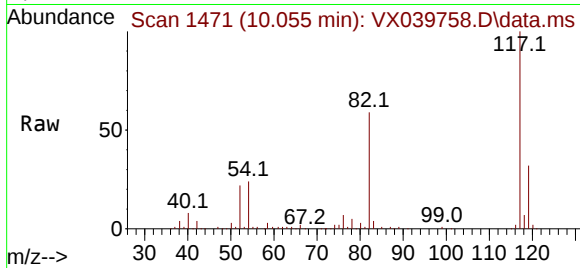




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039758.D  
Acq: 15 Jan 2024 16:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-195-GW-220-222

Tgt Ion:117 Resp: 188789  
Ion Ratio Lower Upper  
117 100  
82 59.4 46.2 69.4  
119 32.3 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX039758.D  
Acq: 15 Jan 2024 16:19

Tgt Ion:152 Resp: 84184  
Ion Ratio Lower Upper  
152 100  
115 63.2 43.3 129.9  
150 155.1 0.0 345.0

