

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020923\  
 Data File : VX034068.D  
 Acq On : 07 Feb 2023 18:01  
 Operator : JC/MD  
 Sample : 01442-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EB-2023-2-3

Quant Time: Feb 08 00:17:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020423W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 03 23:25:45 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 130170   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 181474   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 163746   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 82035    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 63949    | 50.959   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 101.920% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 57544    | 49.823   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 99.640%  |
| 50) Toluene-d8              | 8.647  | 98    | 206980   | 49.740   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 99.480%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 73398    | 49.386   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 98.780%  |

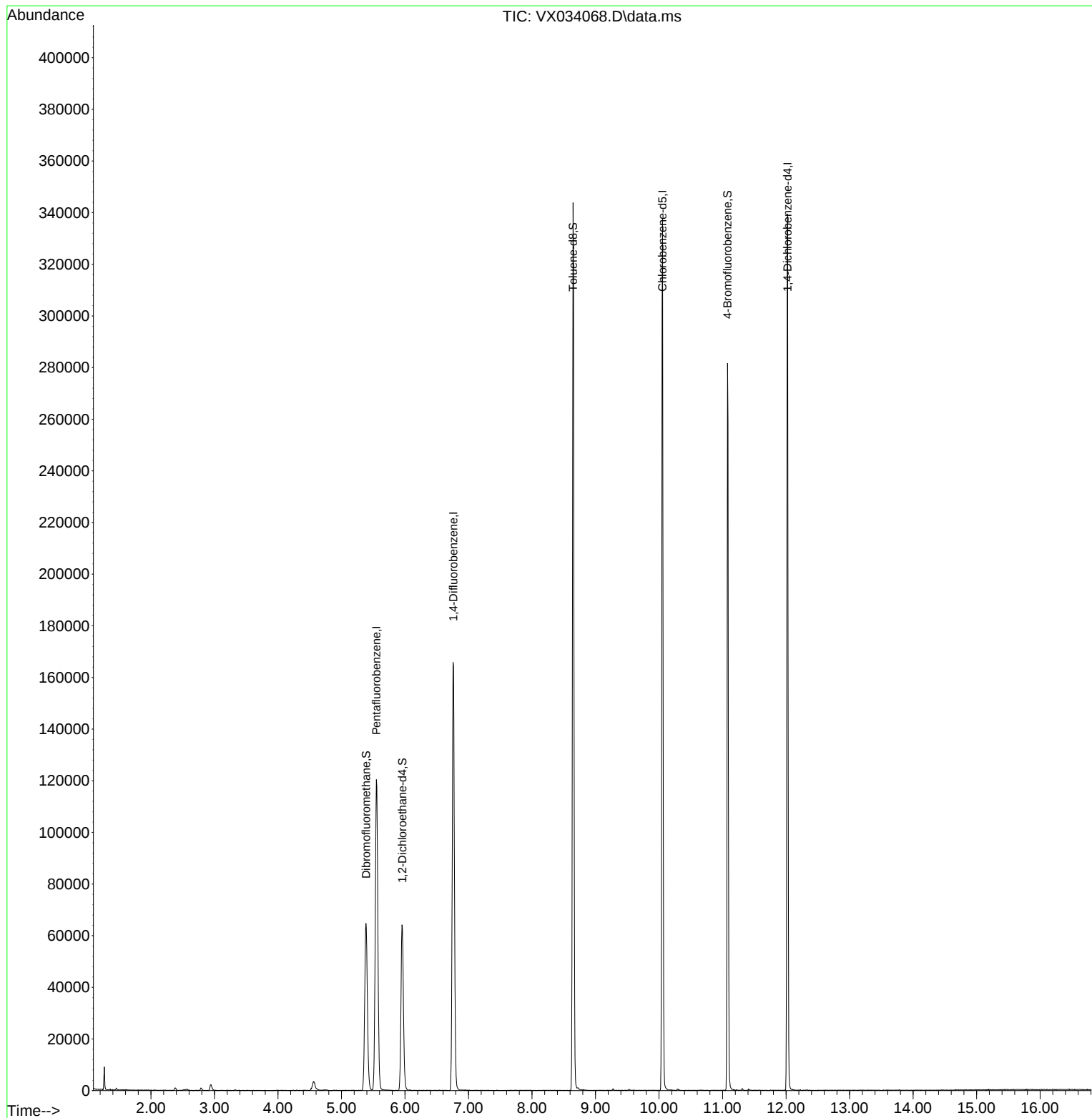
Target Compounds Qvalue

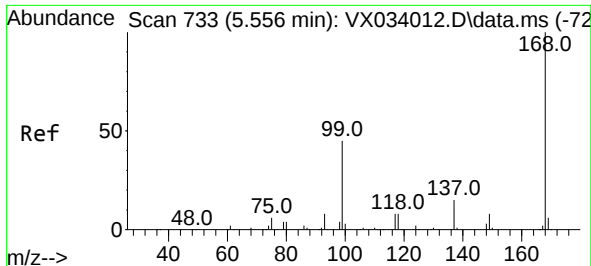
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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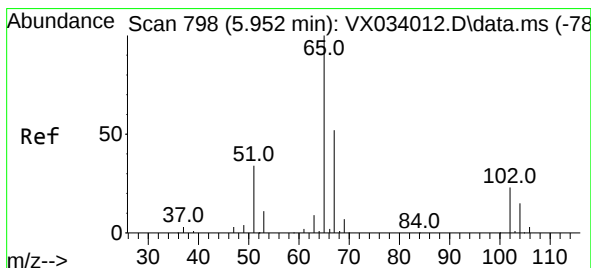
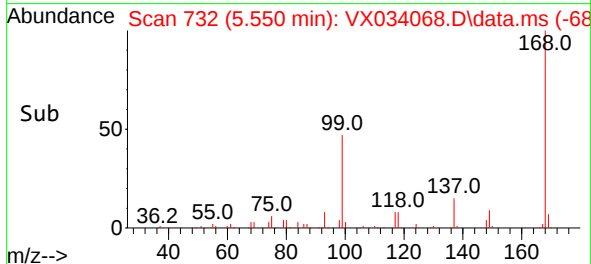
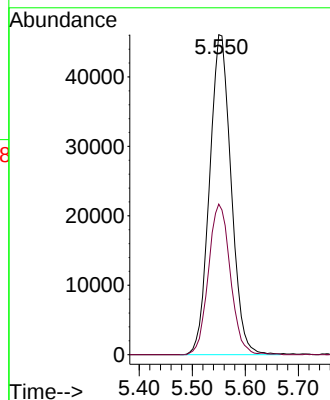
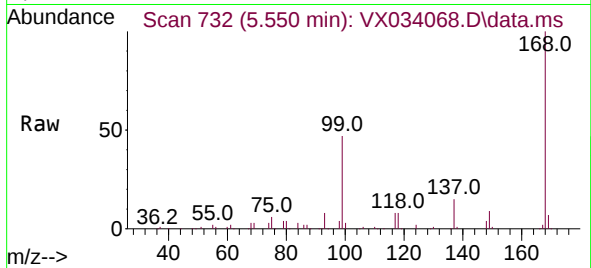




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX034068.D  
Acq: 07 Feb 2023 18:01

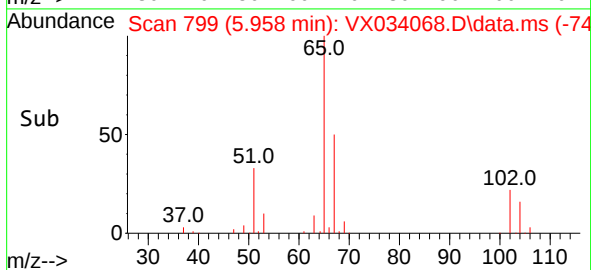
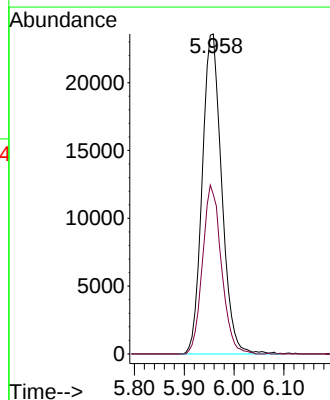
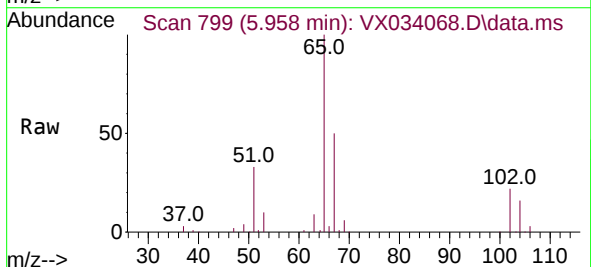
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-2023-2-3

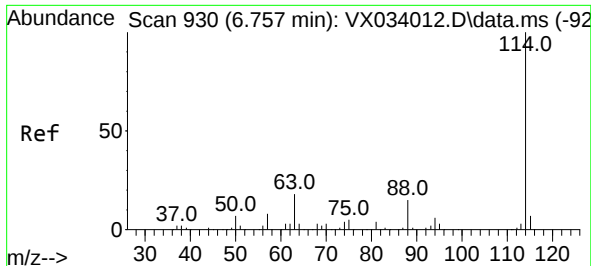
Tgt Ion:168 Resp: 130170  
Ion Ratio Lower Upper  
168 100  
99 47.0 39.6 59.4



#33  
1,2-Dichloroethane-d4  
Concen: 50.959 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX034068.D  
Acq: 07 Feb 2023 18:01

Tgt Ion: 65 Resp: 63949  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 104.8

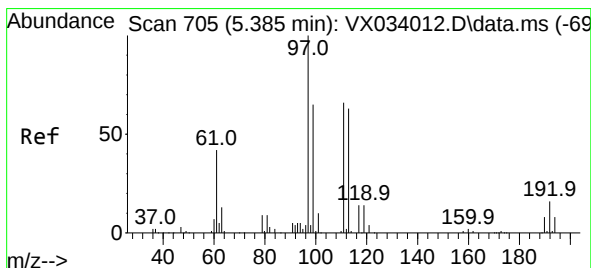
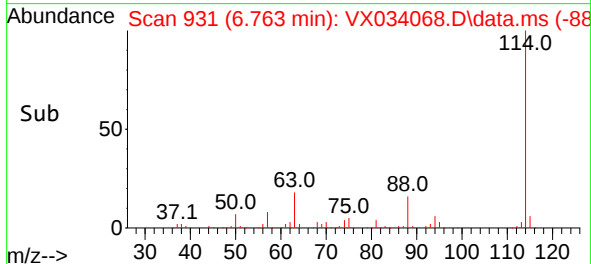
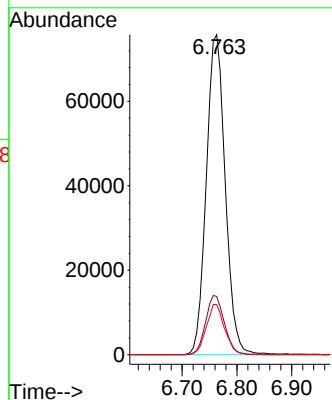
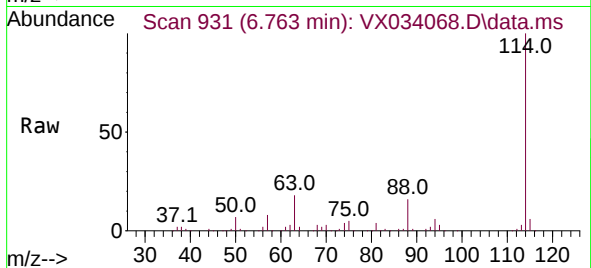




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX034068.D  
Acq: 07 Feb 2023 18:01

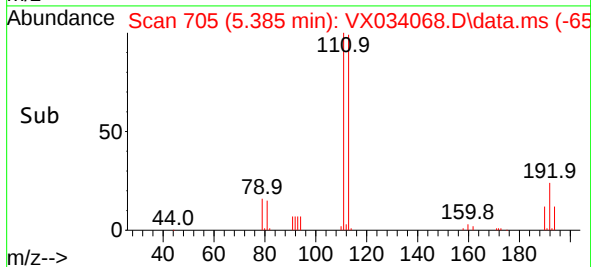
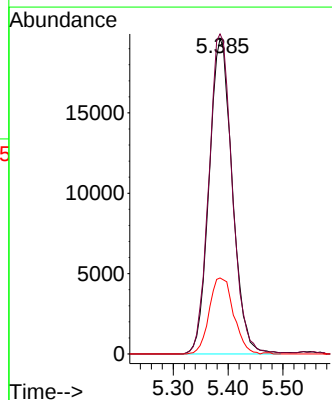
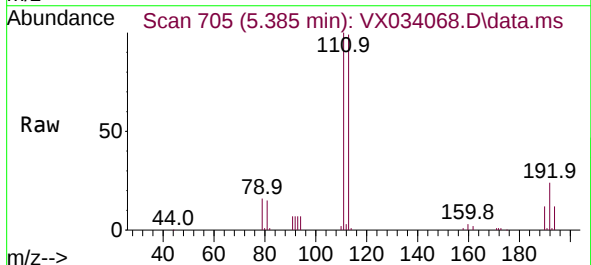
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-2023-2-3

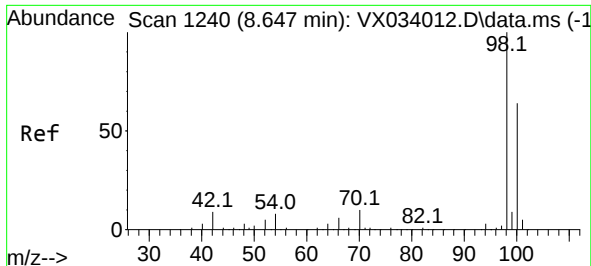
Tgt Ion:114 Resp: 181474  
Ion Ratio Lower Upper  
114 100  
63 18.2 0.0 37.4  
88 15.6 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 49.823 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX034068.D  
Acq: 07 Feb 2023 18:01

Tgt Ion:113 Resp: 57544  
Ion Ratio Lower Upper  
113 100  
111 102.4 83.0 124.6  
192 25.3 19.0 28.4

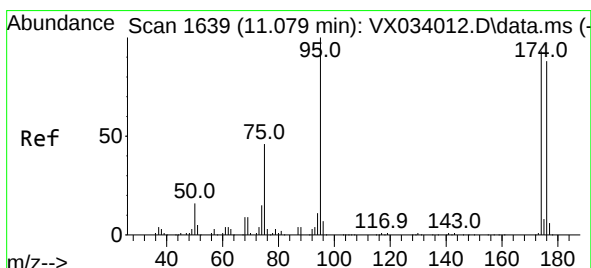
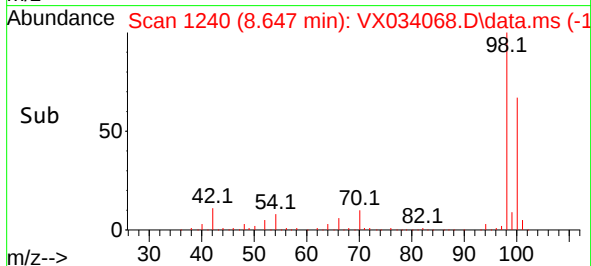
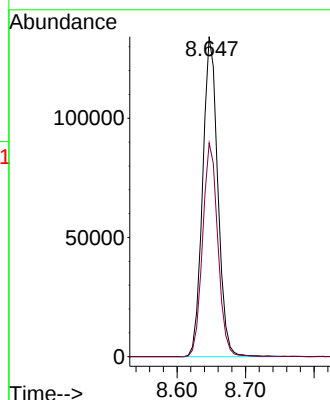
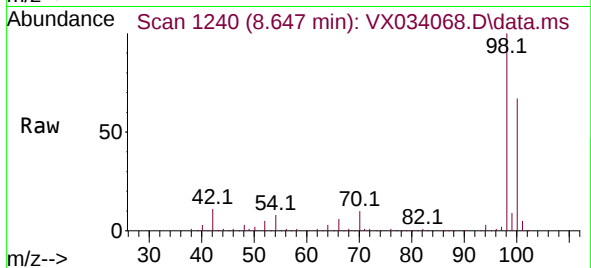




#50  
Toluene-d8  
Concen: 49.740 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034068.D  
Acq: 07 Feb 2023 18:01

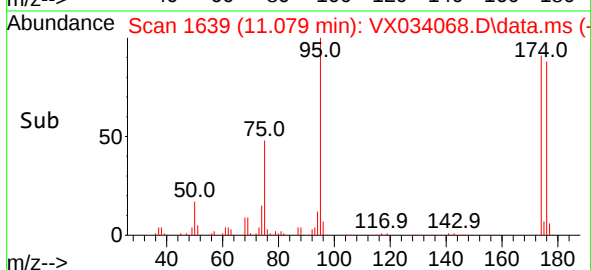
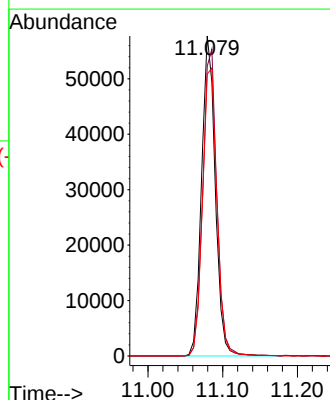
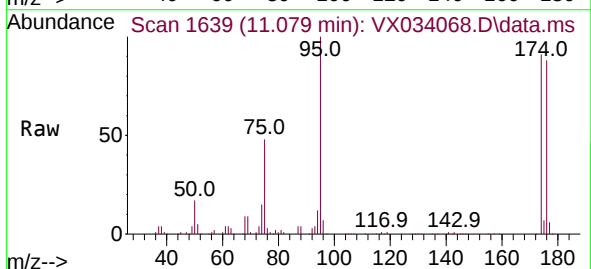
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-2023-2-3

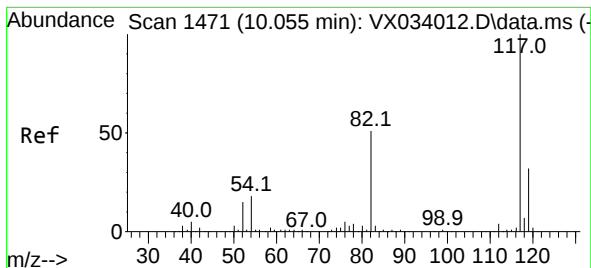
Tgt Ion: 98 Resp: 206980  
Ion Ratio Lower Upper  
98 100  
100 67.2 53.6 80.4



#62  
4-Bromofluorobenzene  
Concen: 49.386 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX034068.D  
Acq: 07 Feb 2023 18:01

Tgt Ion: 95 Resp: 73398  
Ion Ratio Lower Upper  
95 100  
174 98.4 0.0 184.4  
176 94.8 0.0 178.8

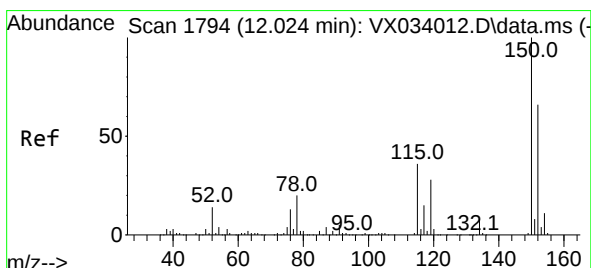
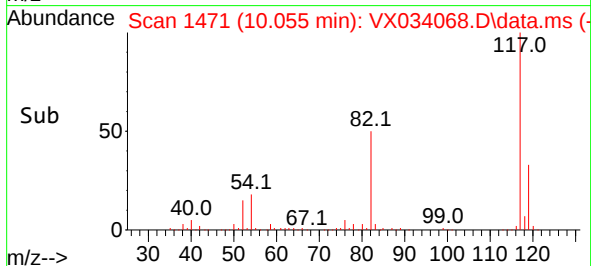
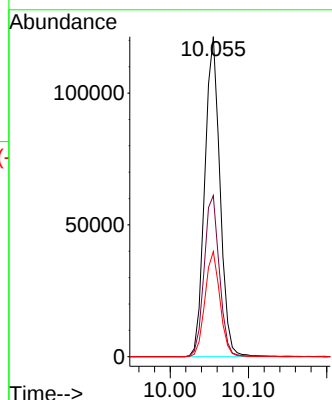
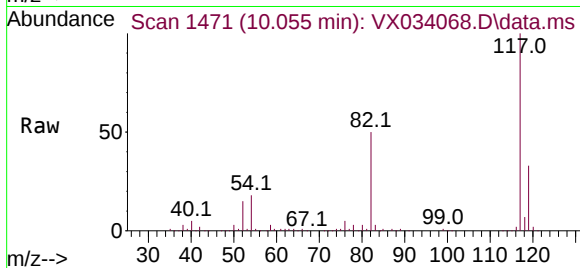




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034068.D  
Acq: 07 Feb 2023 18:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-2023-2-3

Tgt Ion:117 Resp: 163746  
Ion Ratio Lower Upper  
117 100  
82 50.3 40.6 60.8  
119 32.8 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX034068.D  
Acq: 07 Feb 2023 18:01

Tgt Ion:152 Resp: 82035  
Ion Ratio Lower Upper  
152 100  
115 52.8 38.7 116.1  
150 154.4 0.0 348.2

