

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033123\  
 Data File : VX034883.D  
 Acq On : 31 Mar 2023 17:08  
 Operator : JC/MD  
 Sample : 02149-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-4

Quant Time: Apr 03 01:21:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 01 01:50:18 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 219269   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 379982   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 340557   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 147492   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 159863   | 47.672   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.340%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 118054   | 46.972   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 93.940%  |
| 50) Toluene-d8              | 8.647  | 98    | 454241   | 48.966   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 97.940%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 158713   | 44.212   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 88.420%  |

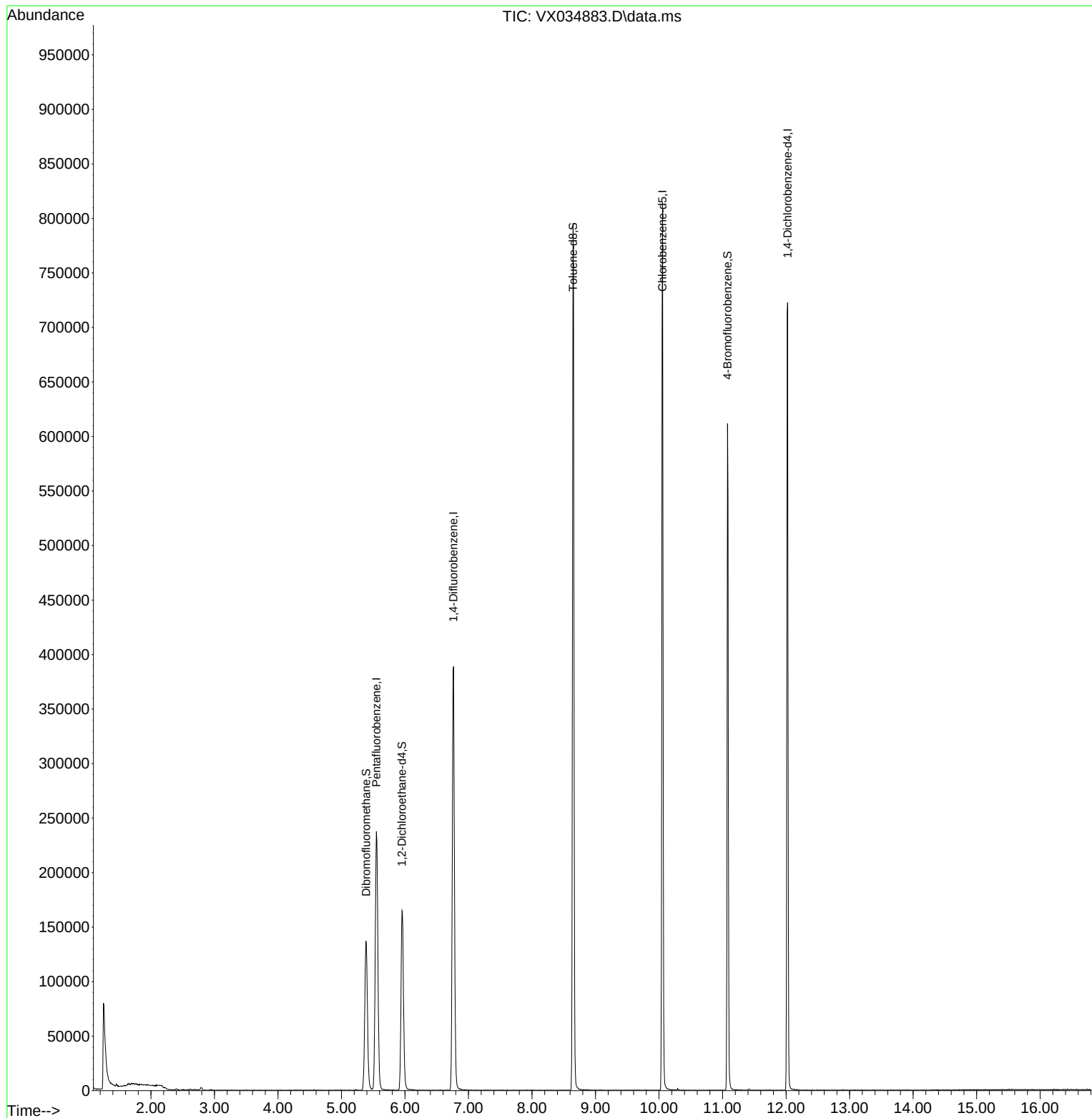
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

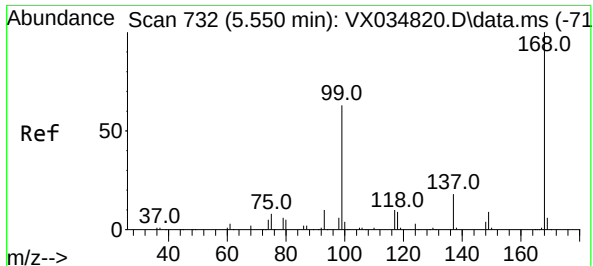
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033123\  
Data File : VX034883.D  
Acq On : 31 Mar 2023 17:08  
Operator : JC/MD  
Sample : 02149-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

Quant Time: Apr 03 01:21:03 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
Quant Title : SW846 8260  
QLast Update : Sat Apr 01 01:50:18 2023  
Response via : Initial Calibration

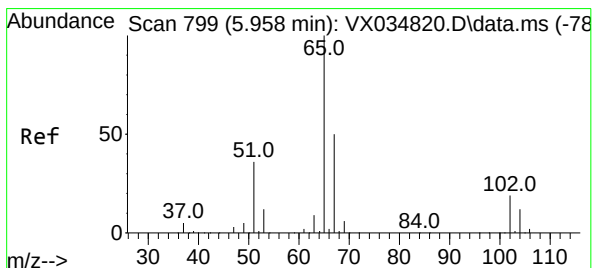
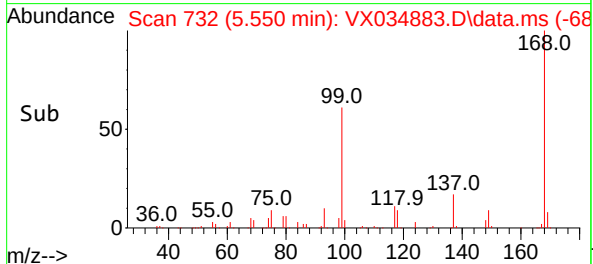
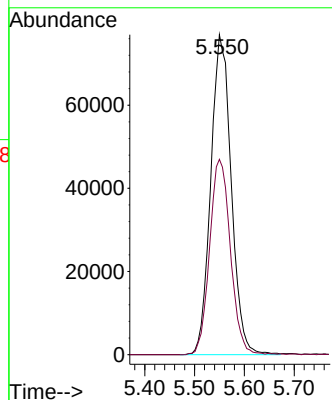
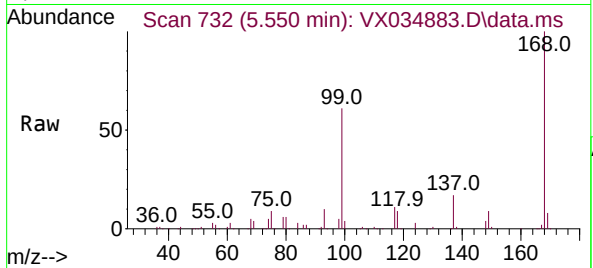




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX034883.D  
Acq: 31 Mar 2023 17:08

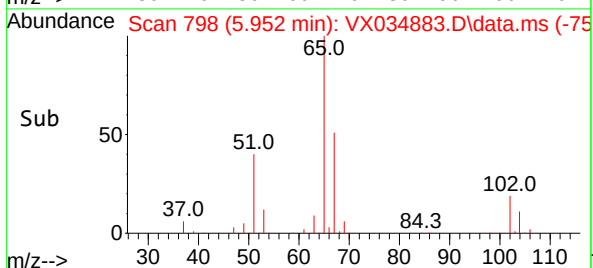
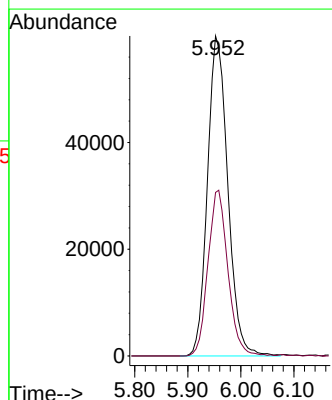
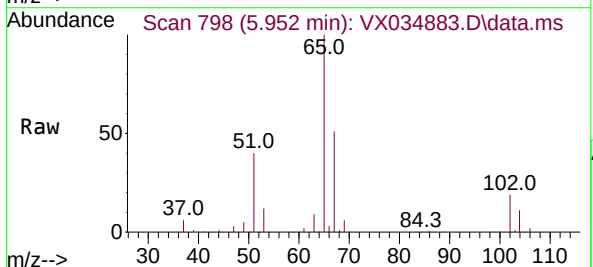
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

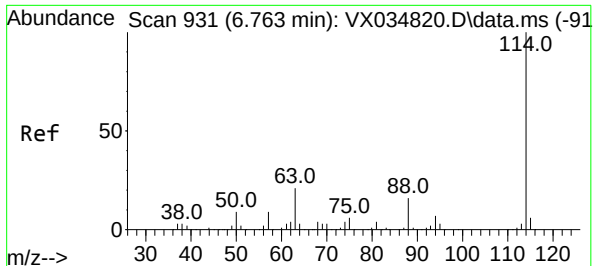
Tgt Ion:168 Resp: 219269  
Ion Ratio Lower Upper  
168 100  
99 61.0 45.7 68.5



#33  
1,2-Dichloroethane-d4  
Concen: 47.672 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX034883.D  
Acq: 31 Mar 2023 17:08

Tgt Ion: 65 Resp: 159863  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 104.0

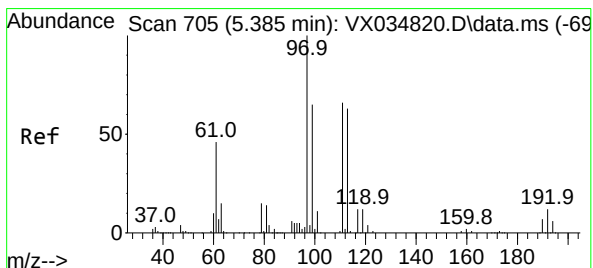
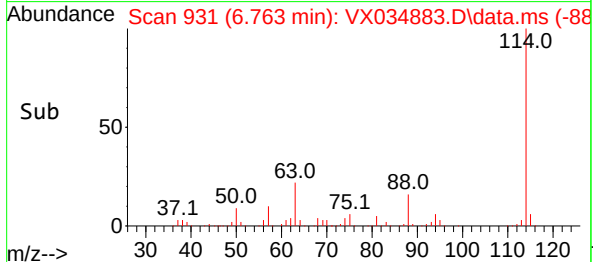
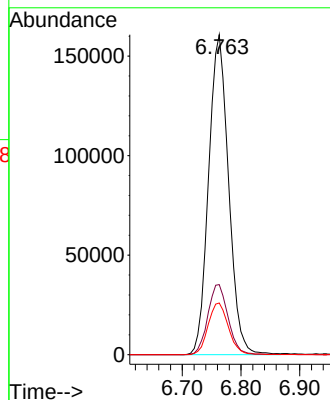
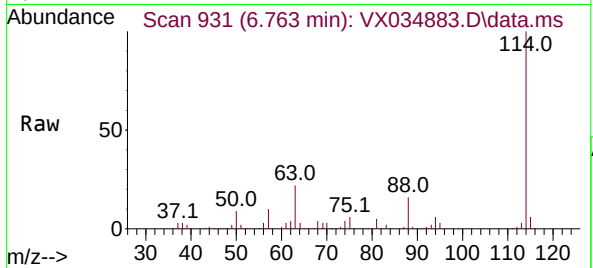




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX034883.D  
Acq: 31 Mar 2023 17:08

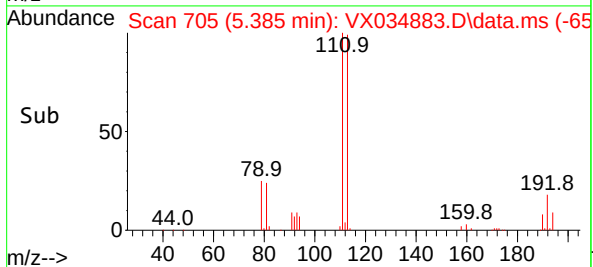
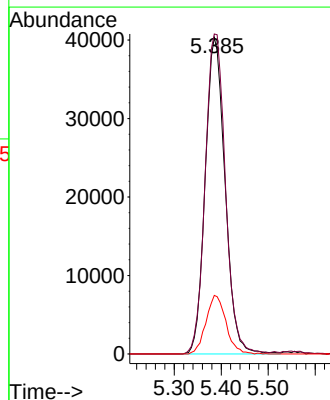
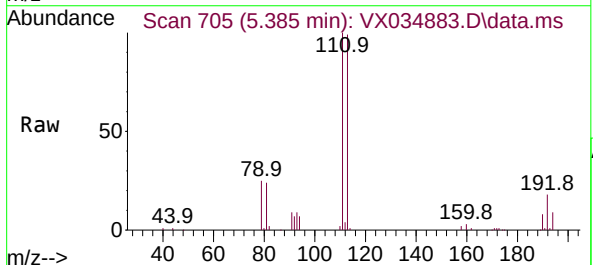
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

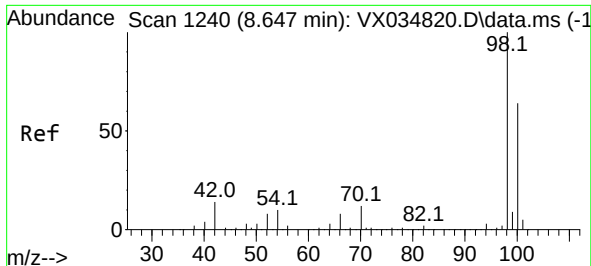
Tgt Ion:114 Resp: 379982  
Ion Ratio Lower Upper  
114 100  
63 21.9 0.0 42.2  
88 16.1 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 46.972 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX034883.D  
Acq: 31 Mar 2023 17:08

Tgt Ion:113 Resp: 118054  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.7 125.5  
192 18.6 15.4 23.2

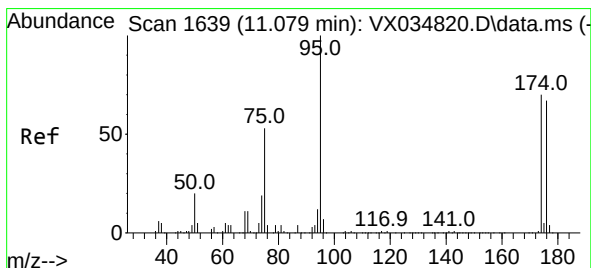
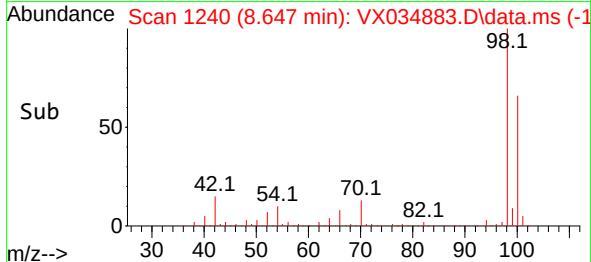
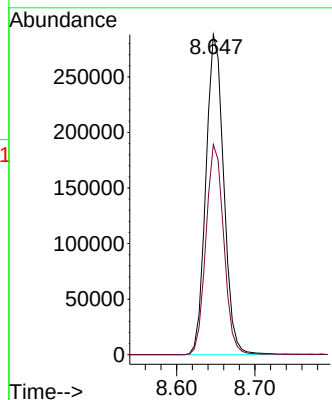
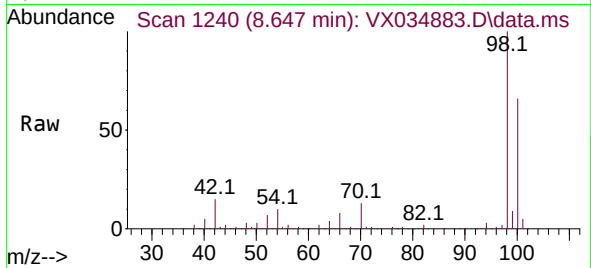




#50  
Toluene-d8  
Concen: 48.966 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034883.D  
Acq: 31 Mar 2023 17:08

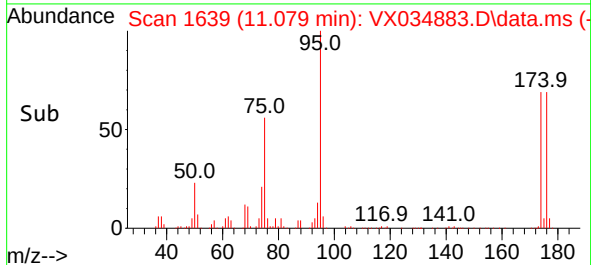
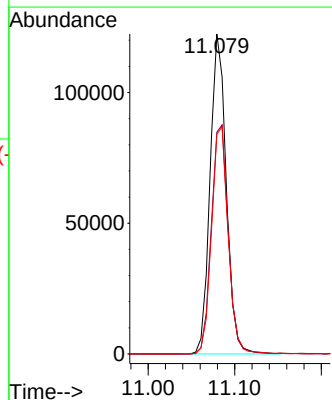
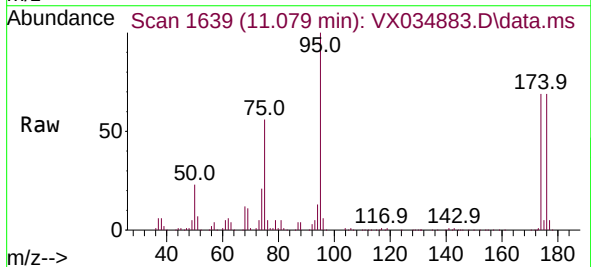
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

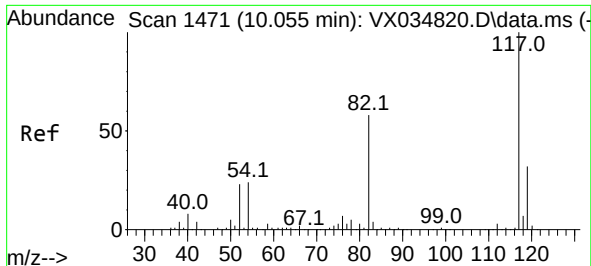
Tgt Ion: 98 Resp: 454241  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 44.212 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX034883.D  
Acq: 31 Mar 2023 17:08

Tgt Ion: 95 Resp: 158713  
Ion Ratio Lower Upper  
95 100  
174 74.9 0.0 147.4  
176 73.0 0.0 140.6

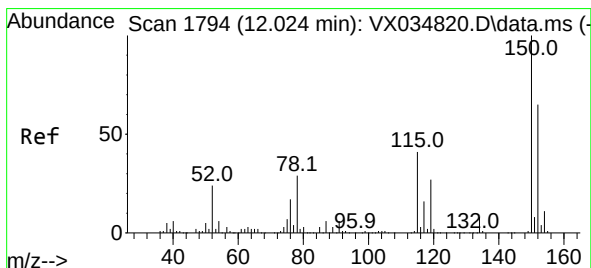
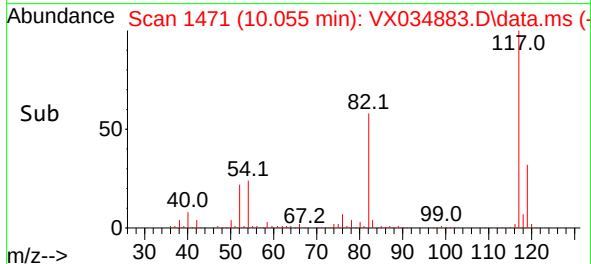
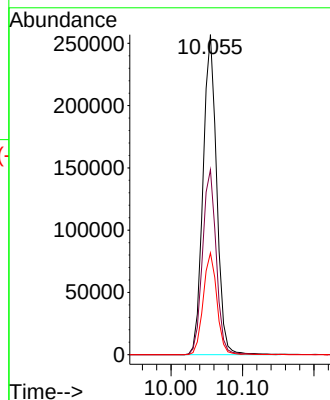
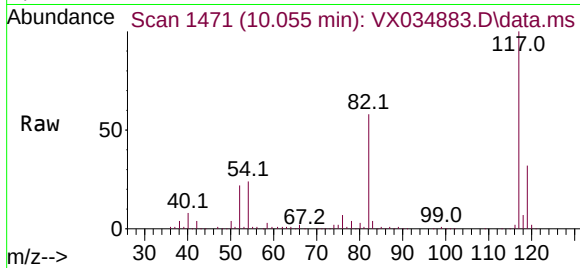




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034883.D  
Acq: 31 Mar 2023 17:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 340557  
Ion Ratio Lower Upper  
117 100  
82 57.8 45.0 67.4  
119 31.8 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX034883.D  
Acq: 31 Mar 2023 17:08

Tgt Ion:152 Resp: 147492  
Ion Ratio Lower Upper  
152 100  
115 61.1 45.0 135.0  
150 155.8 0.0 352.4

