

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052523\  
 Data File : VN077911.D  
 Acq On : 25 May 2023 18:50  
 Operator : JC\MD  
 Sample : 02944-15  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-RW11-GW-498-500

Quant Time: May 26 04:37:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 04:07:42 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.236  | 168  | 384244   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 705394   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 601790   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.800 | 152  | 176429   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.589  | 65    | 268705   | 46.737   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 93.480% |
| 35) Dibromofluoromethane    | 8.177  | 113   | 225303   | 48.981   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 97.960% |
| 50) Toluene-d8              | 10.577 | 98    | 852038   | 48.124   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 96.240% |
| 62) 4-Bromofluorobenzene    | 12.859 | 95    | 270933   | 43.328   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 86.660% |

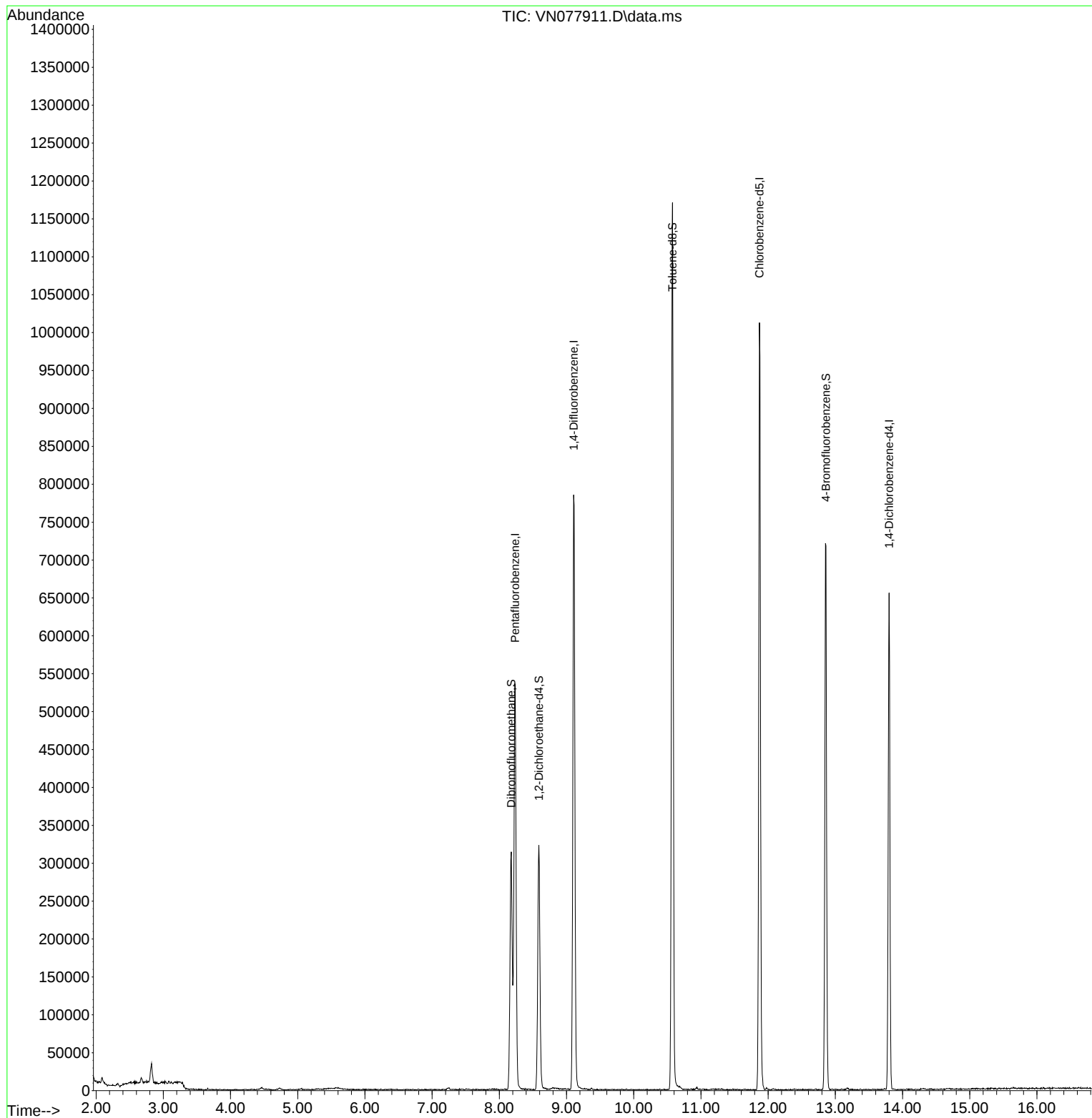
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

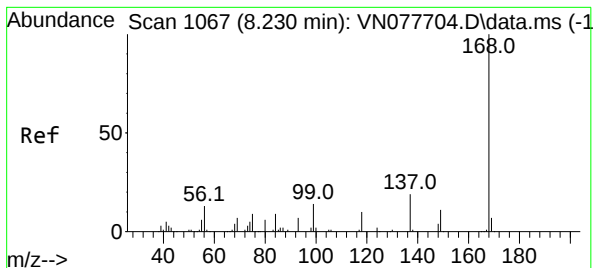
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052523\  
Data File : VN077911.D  
Acq On : 25 May 2023 18:50  
Operator : JC\MD  
Sample : 02944-15  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-498-500

Quant Time: May 26 04:37:19 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 16 04:07:42 2023  
Response via : Initial Calibration

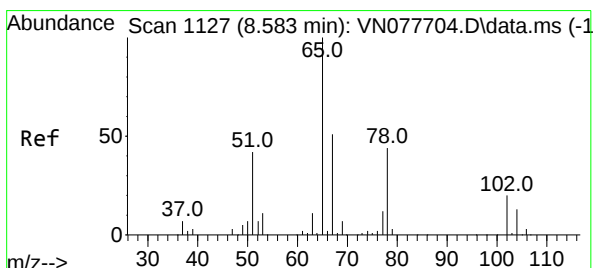
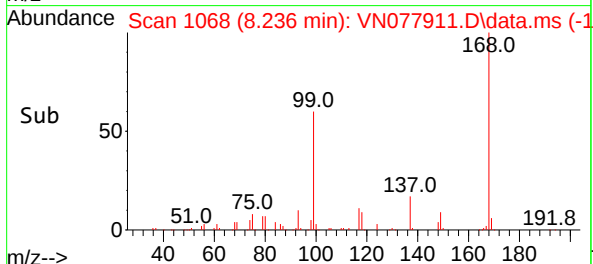
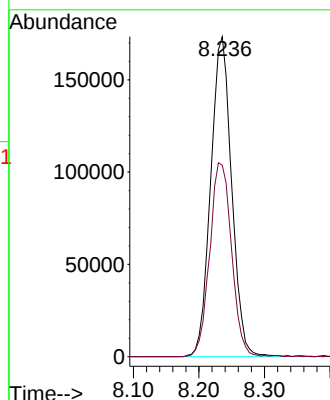
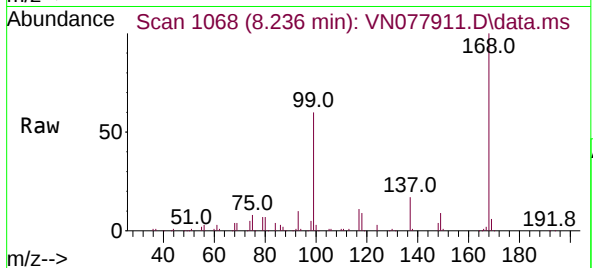




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. 0.006 min  
Lab File: VN077911.D  
Acq: 25 May 2023 18:50

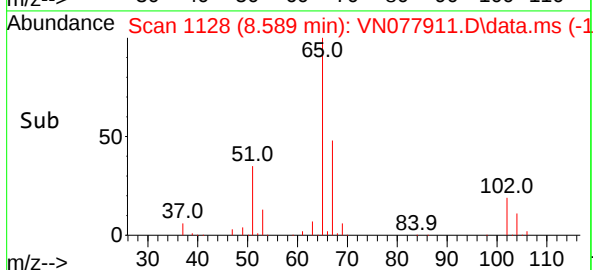
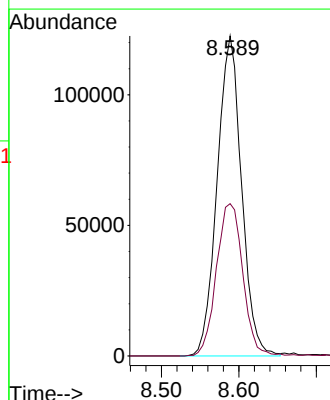
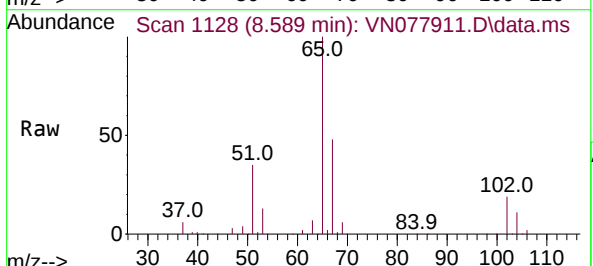
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-498-500

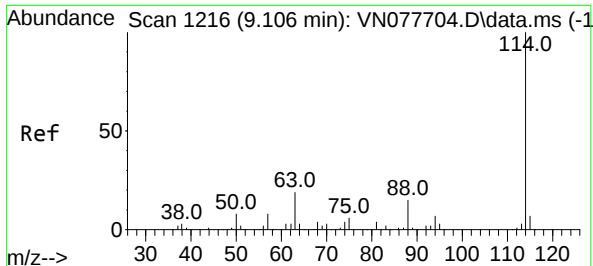
Tgt Ion:168 Resp: 384244  
Ion Ratio Lower Upper  
168 100  
99 59.9 53.0 79.6



#33  
1,2-Dichloroethane-d4  
Concen: 46.737 ug/l  
RT: 8.589 min Scan# 1128  
Delta R.T. 0.007 min  
Lab File: VN077911.D  
Acq: 25 May 2023 18:50

Tgt Ion: 65 Resp: 268705  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 106.6

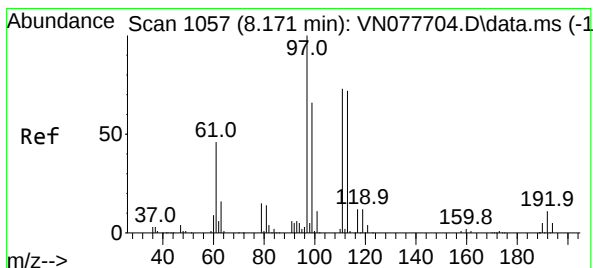
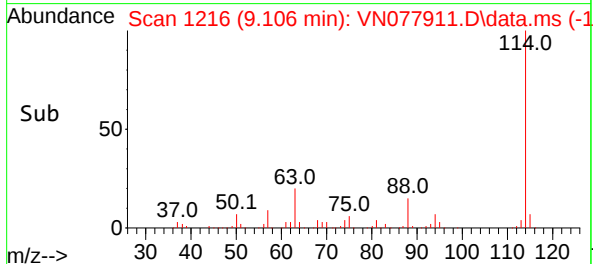
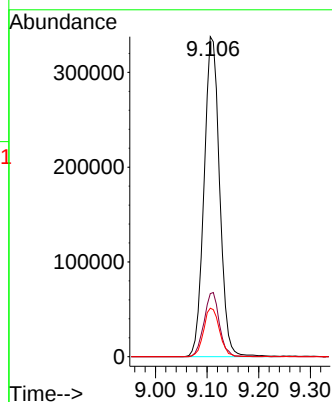
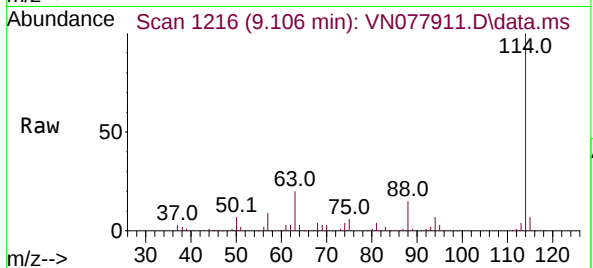




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN077911.D  
Acq: 25 May 2023 18:50

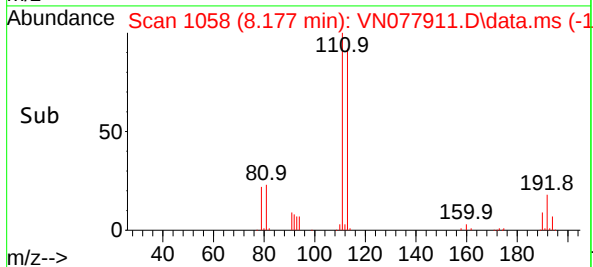
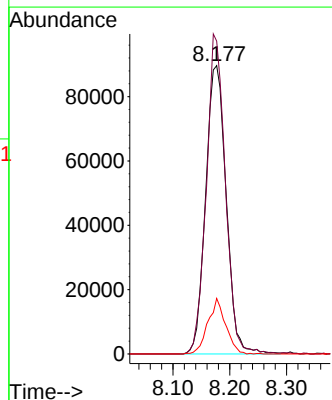
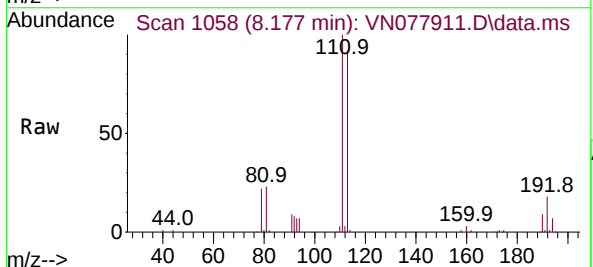
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-498-500

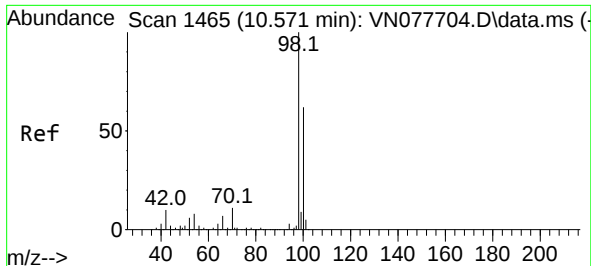
Tgt Ion:114 Resp: 705394  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 36.4  
88 15.2 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 48.981 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VN077911.D  
Acq: 25 May 2023 18:50

Tgt Ion:113 Resp: 225303  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.6 123.8  
192 16.6 12.7 19.1

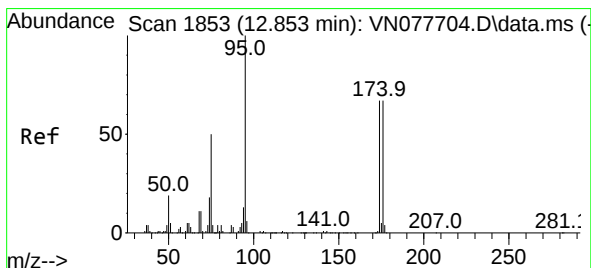
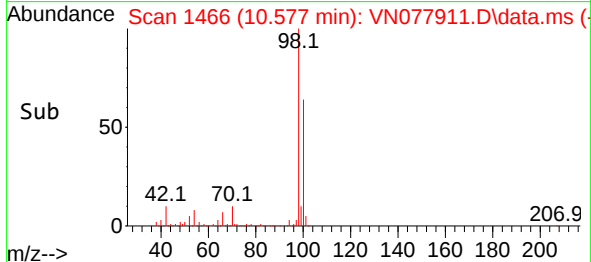
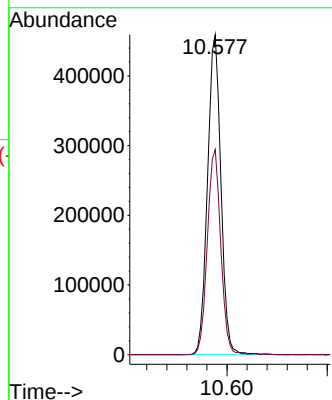
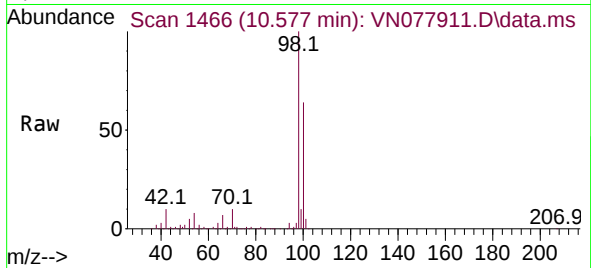




#50  
Toluene-d8  
Concen: 48.124 ug/l  
RT: 10.577 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN077911.D  
Acq: 25 May 2023 18:50

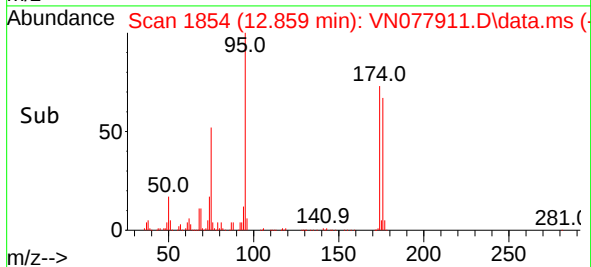
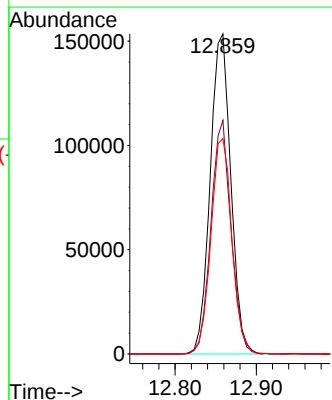
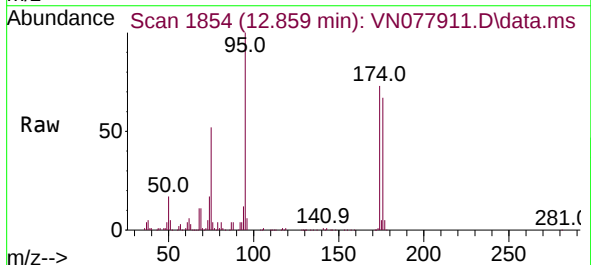
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-498-500

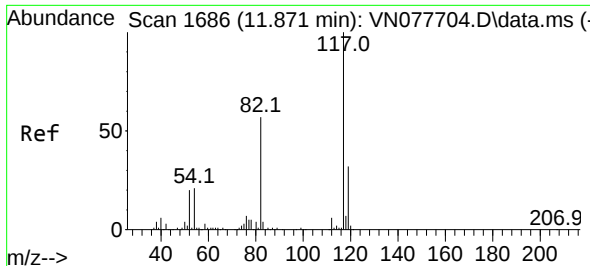
Tgt Ion: 98 Resp: 852038  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 43.328 ug/l  
RT: 12.859 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VN077911.D  
Acq: 25 May 2023 18:50

Tgt Ion: 95 Resp: 270933  
Ion Ratio Lower Upper  
95 100  
174 70.9 0.0 143.8  
176 68.4 0.0 135.8

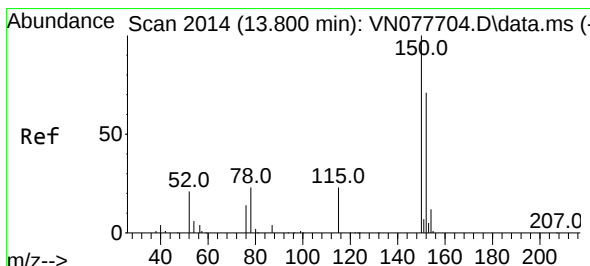
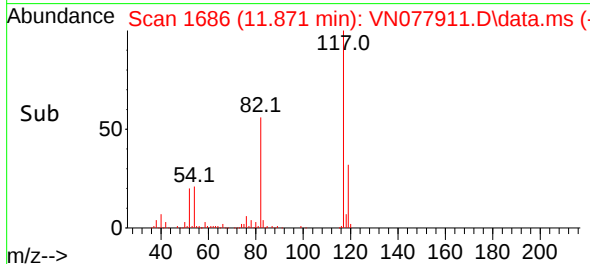
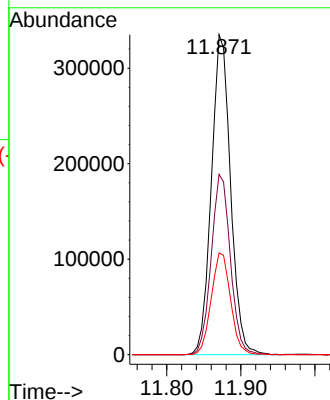
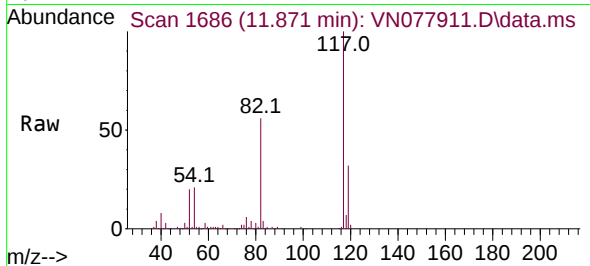




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1170  
Delta R.T. 0.001 min  
Lab File: VN077911.D  
Acq: 25 May 2023 18:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-498-500

Tgt Ion:117 Resp: 601790  
Ion Ratio Lower Upper  
117 100  
82 56.4 44.0 66.0  
119 31.8 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.800 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: VN077911.D  
Acq: 25 May 2023 18:50

Tgt Ion:152 Resp: 176429  
Ion Ratio Lower Upper  
152 100  
115 62.4 32.3 96.8  
150 160.9 0.0 355.8

