

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050922\  
 Data File : VN072378.D  
 Acq On : 09 May 2022 14:45  
 Operator : JC\MD  
 Sample : N2740-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

Quant Time: May 10 06:45:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.080  | 168   | 319445   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 609571   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 674726   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668 | 152   | 271287   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 229989   | 46.896   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 93.800%  |
| 35) Dibromofluoromethane    | 8.016  | 113   | 184301   | 47.237   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 94.480%  |
| 50) Toluene-d8              | 10.439 | 98    | 776805   | 50.669   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 101.340% |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 313545   | 61.617   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 123.240% |

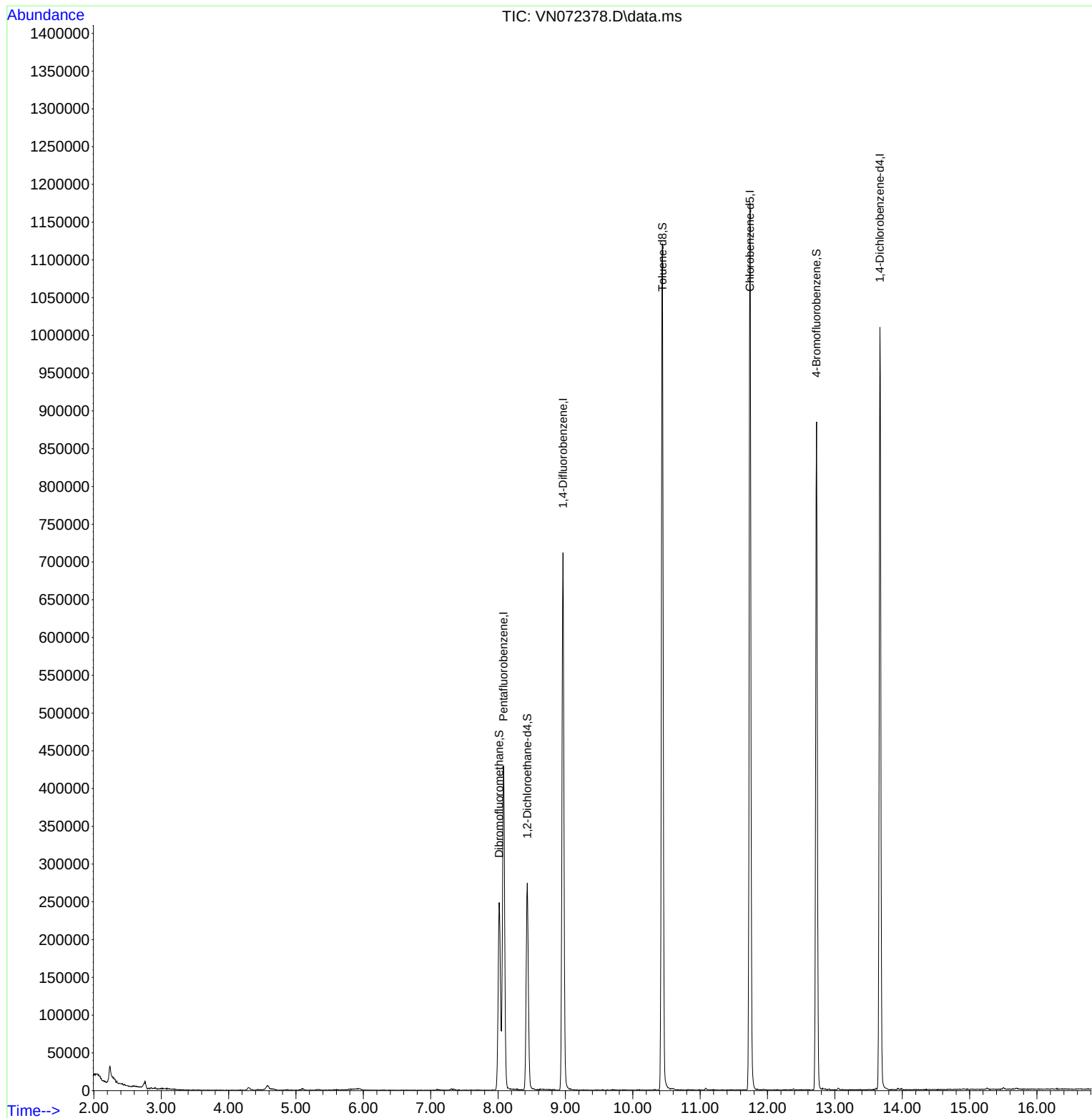
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

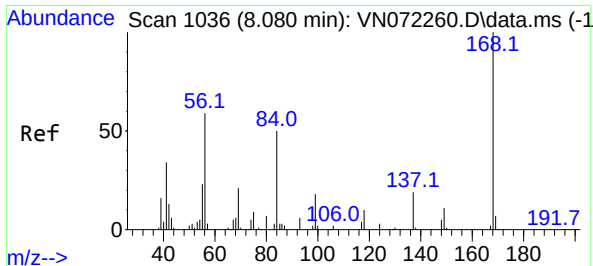
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Quant Time: May 10 06:45:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 26 18:50:11 2022  
Response via : Initial Calibration

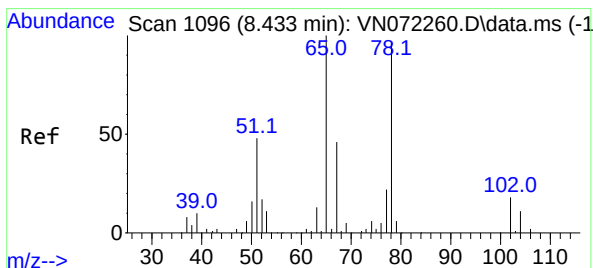
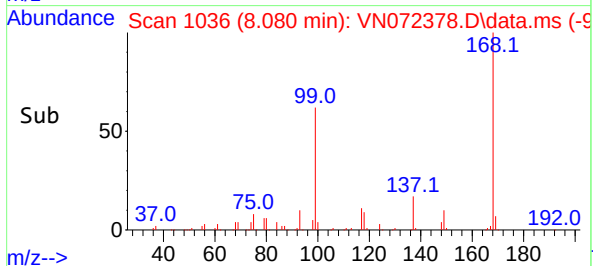
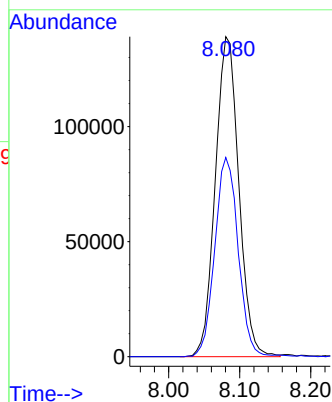
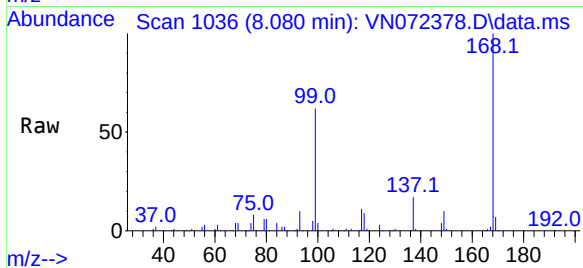




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.080 min Scan# 1036  
Delta R.T. -0.001 min  
Lab File: VN072378.D  
Acq: 09 May 2022 14:45

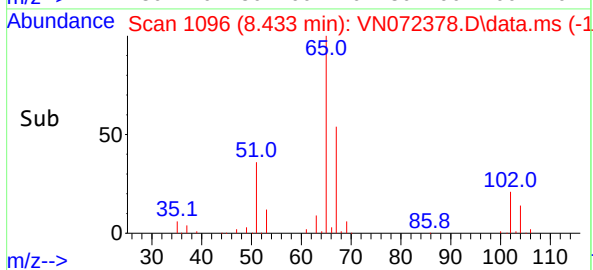
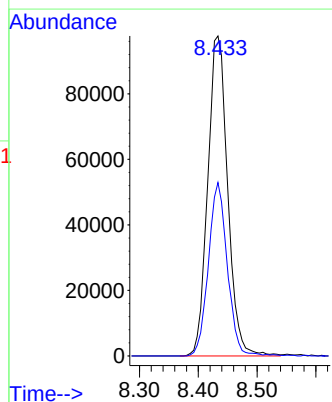
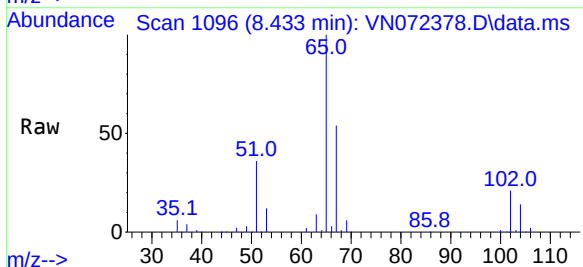
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

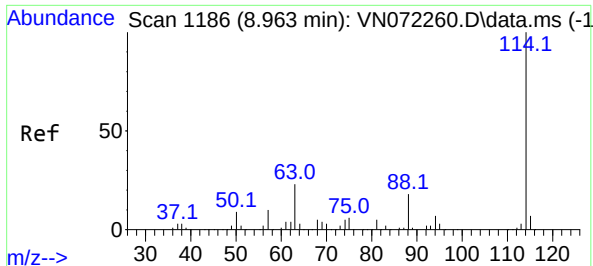
Tgt Ion:168 Resp: 319445  
Ion Ratio Lower Upper  
168 100  
99 62.3 42.3 63.5



#33  
1,2-Dichloroethane-d4  
Concen: 46.896 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.001 min  
Lab File: VN072378.D  
Acq: 09 May 2022 14:45

Tgt Ion: 65 Resp: 229989  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 104.8

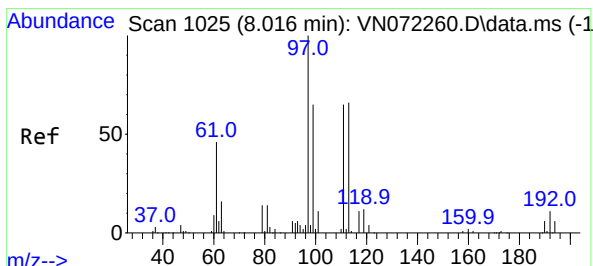
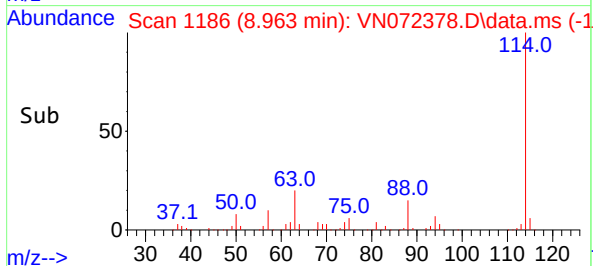
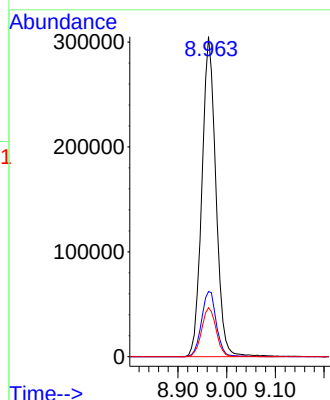
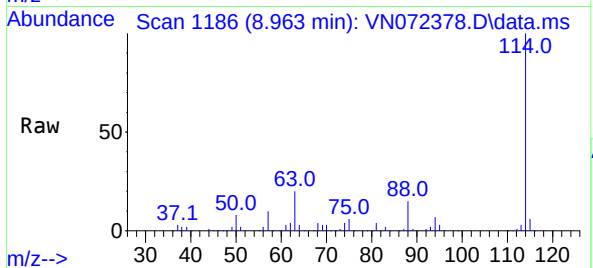




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072378.D  
Acq: 09 May 2022 14:45

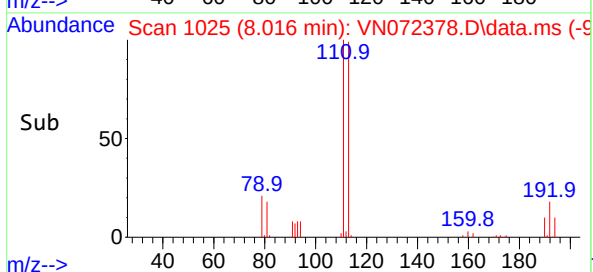
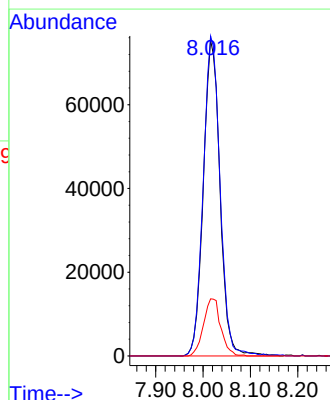
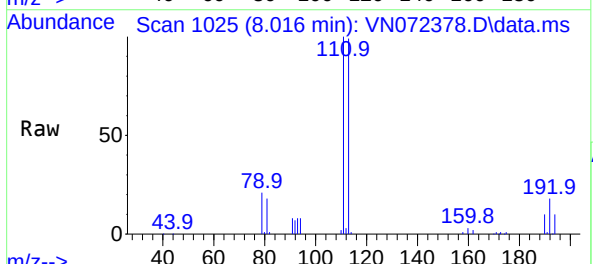
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

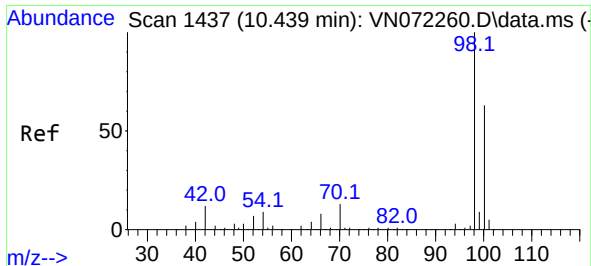
Tgt Ion:114 Resp: 609571  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 40.0  
88 15.3 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 47.237 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072378.D  
Acq: 09 May 2022 14:45

Tgt Ion:113 Resp: 184301  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.4 122.0  
192 18.8 17.0 25.6

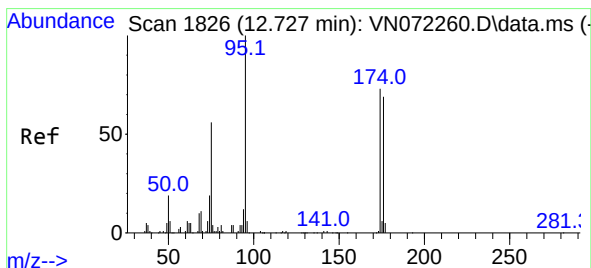
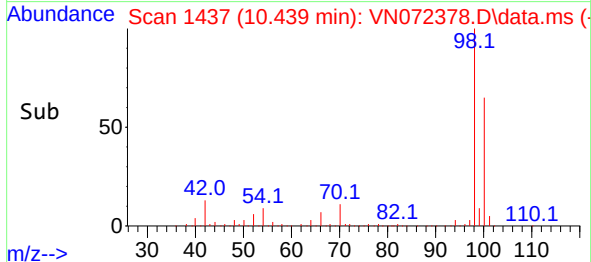
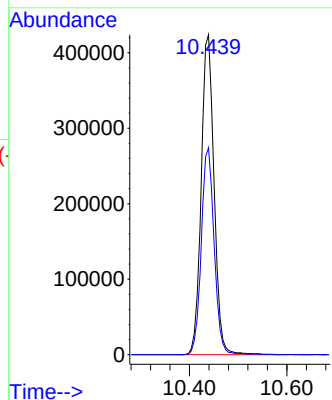
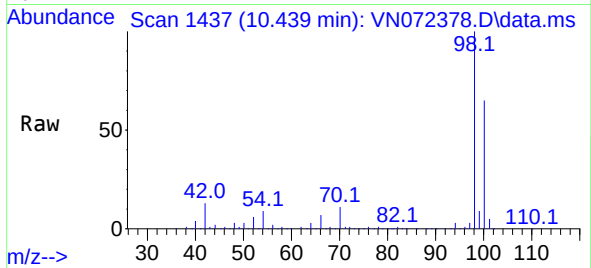




#50  
Toluene-d8  
Concen: 50.669 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072378.D  
Acq: 09 May 2022 14:45

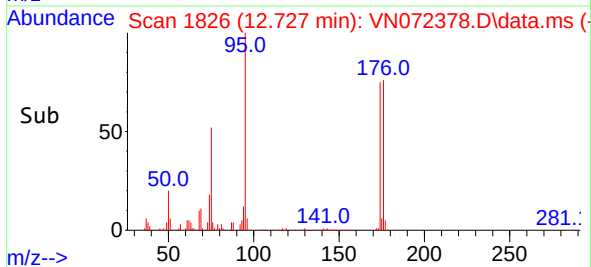
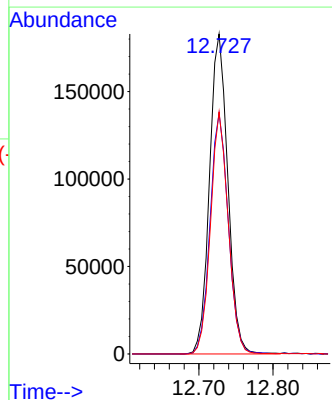
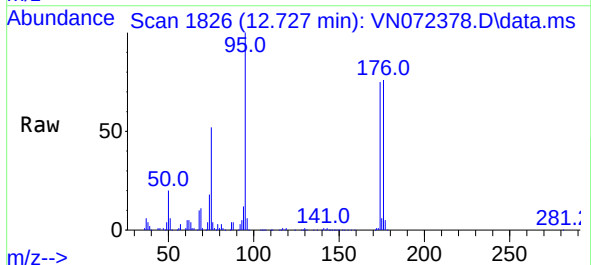
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

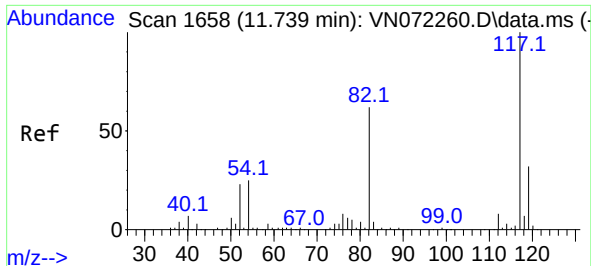
Tgt Ion: 98 Resp: 776805  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 61.617 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072378.D  
Acq: 09 May 2022 14:45

Tgt Ion: 95 Resp: 313545  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 167.6  
176 73.1 0.0 163.4

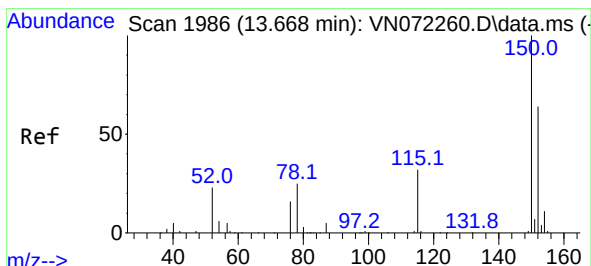
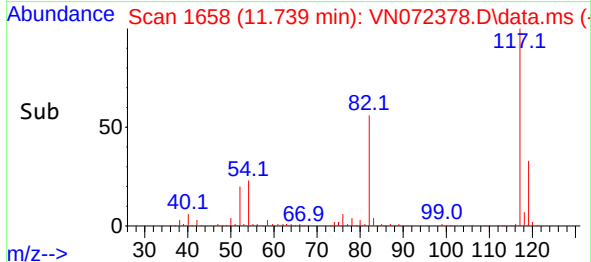
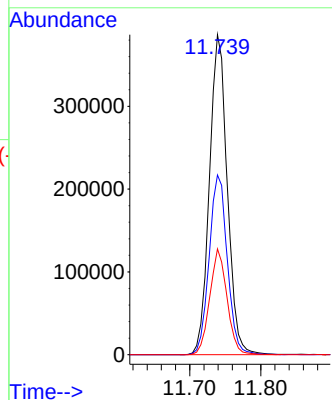
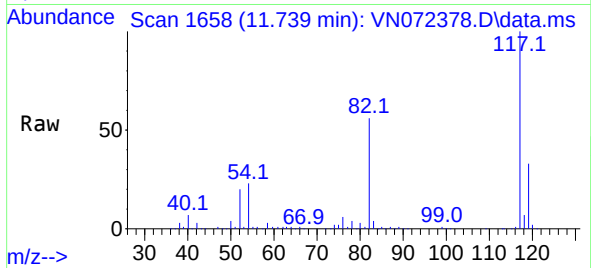




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072378.D  
Acq: 09 May 2022 14:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 674726  
Ion Ratio Lower Upper  
117 100  
82 56.1 44.2 66.2  
119 33.1 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072378.D  
Acq: 09 May 2022 14:45

Tgt Ion:152 Resp: 271287  
Ion Ratio Lower Upper  
152 100  
115 60.4 28.9 86.7  
150 158.3 0.0 356.2

