

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061724\  
 Data File : VN082611.D  
 Acq On : 17 Jun 2024 16:09  
 Operator : JC\MD  
 Sample : P2894-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 Storage-Blank-WATER-REF-5

Quant Time: Jun 18 04:59:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061724W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 18 04:52:44 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 131640   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 238238   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.870 | 117   | 227678   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 94019    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 113141   | 53.595   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 107.200% |          |
| 35) Dibromofluoromethane    | 8.171  | 113   | 84833    | 52.490   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.980% |          |
| 50) Toluene-d8              | 10.571 | 98    | 304655   | 49.847   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 99.700%  |          |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 98661    | 46.822   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | = 93.640%  |          |

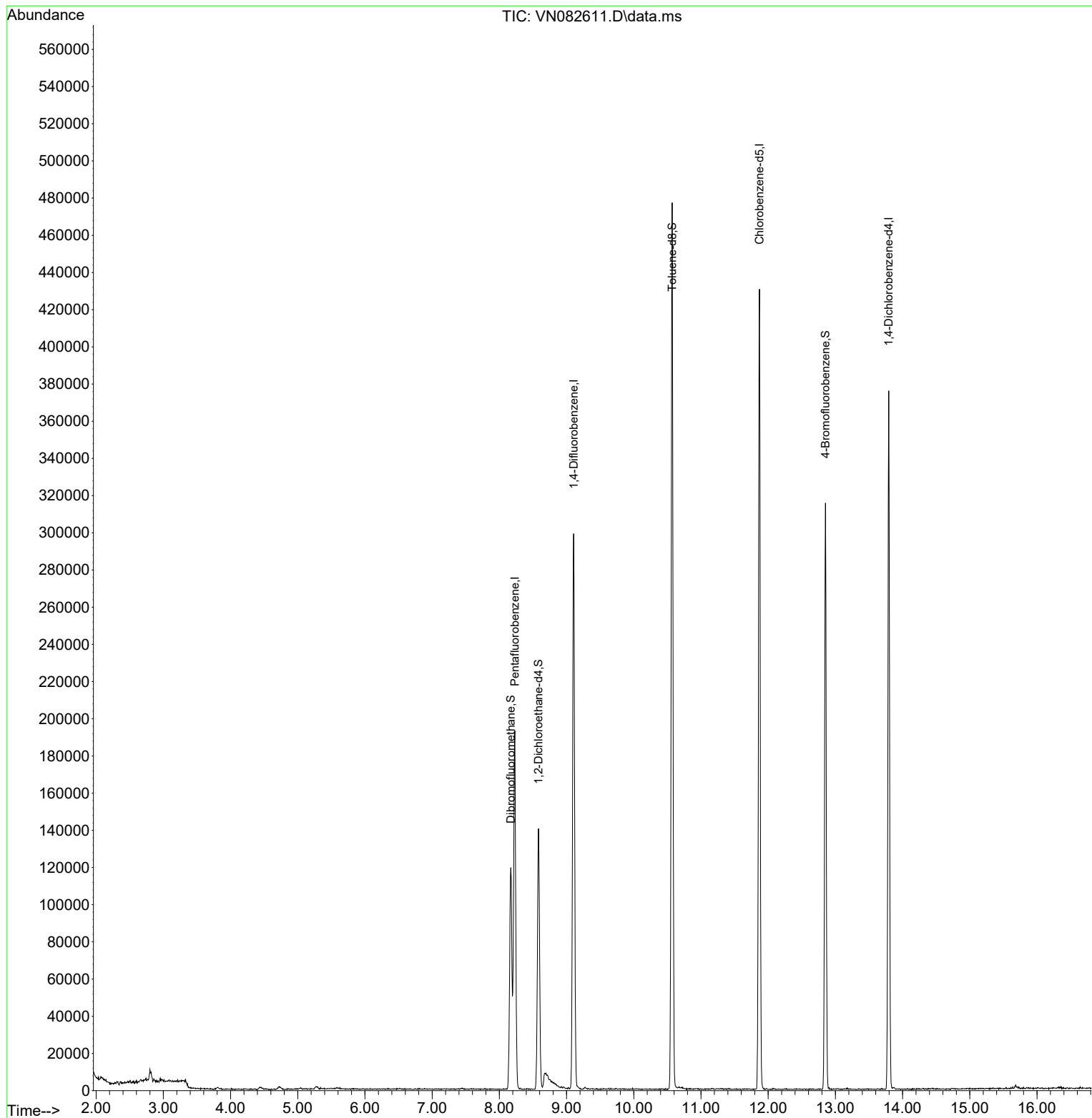
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

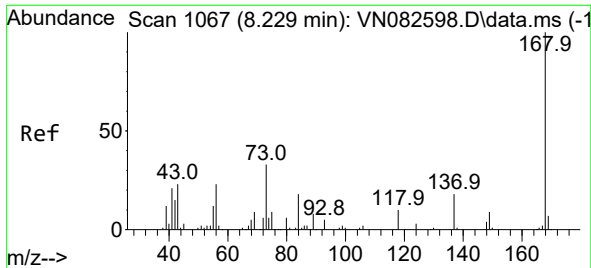
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Storage-Blank-WATER-REF-5

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Quant Title : SW846 8260  
QLast Update : Tue Jun 18 04:52:44 2024  
Response via : Initial Calibration

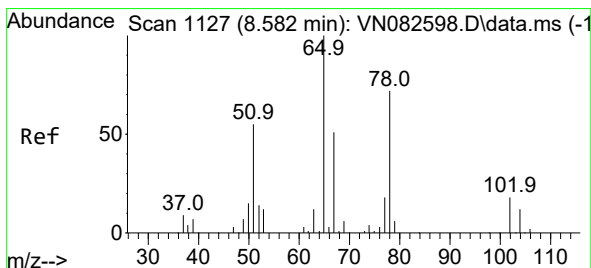
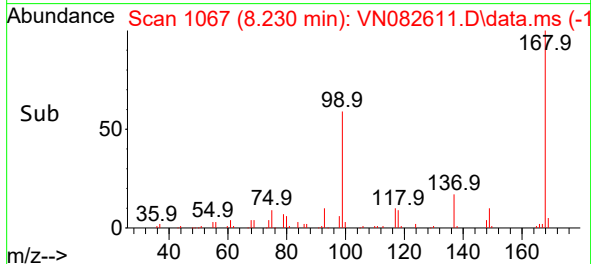
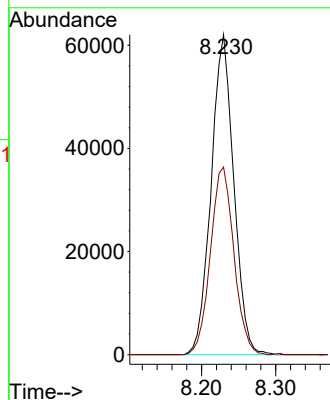
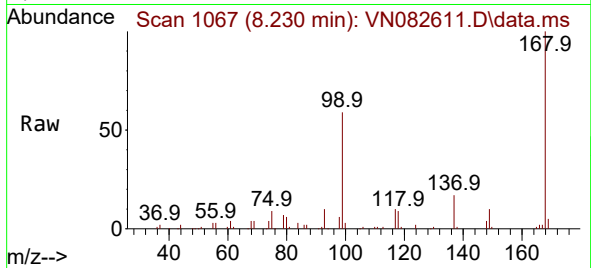




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. 0.001 min  
Lab File: VN082611.D  
Acq: 17 Jun 2024 16:09

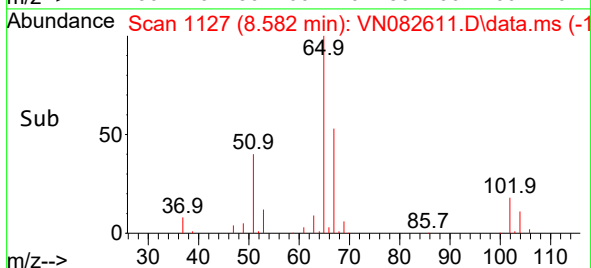
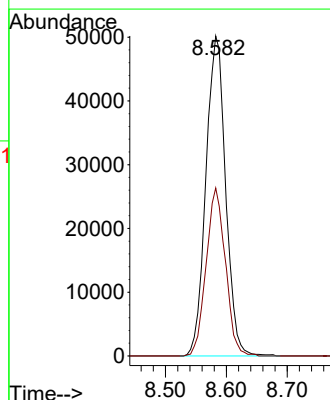
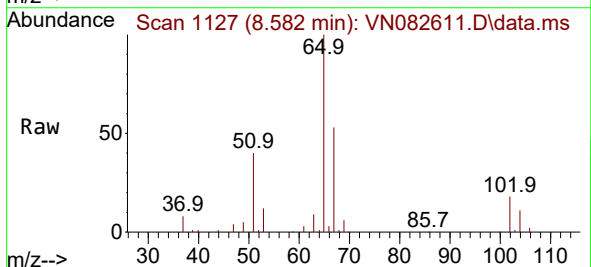
Instrument :  
MSVOA\_N  
ClientSampleId :  
Storage-Blank-WATER-REF-5

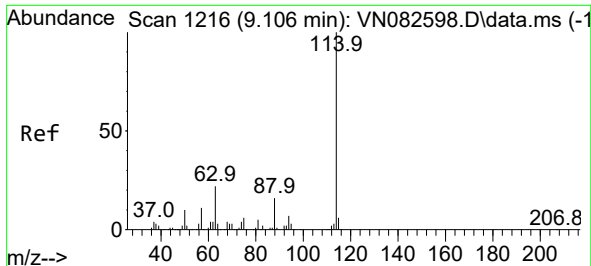
Tgt Ion:168 Resp: 131640  
Ion Ratio Lower Upper  
168 100  
99 58.7 48.2 72.4



#33  
1,2-Dichloroethane-d4  
Concen: 53.595 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN082611.D  
Acq: 17 Jun 2024 16:09

Tgt Ion: 65 Resp: 113141  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 104.4

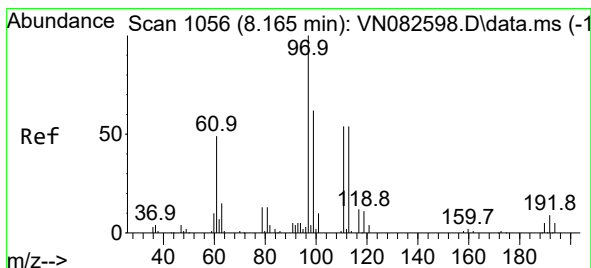
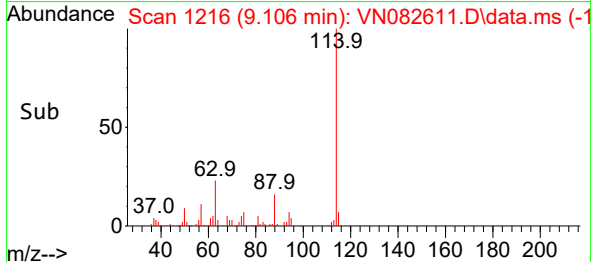
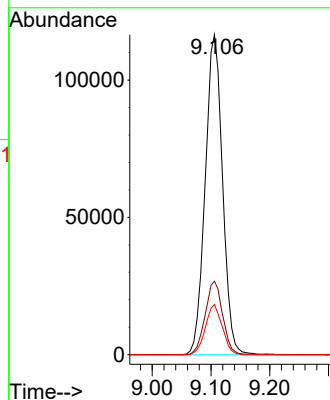
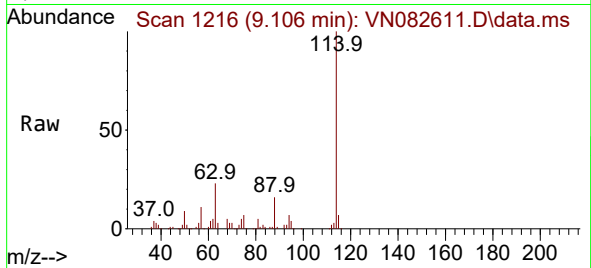




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082611.D  
Acq: 17 Jun 2024 16:09

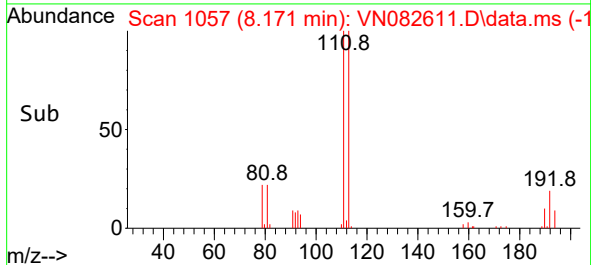
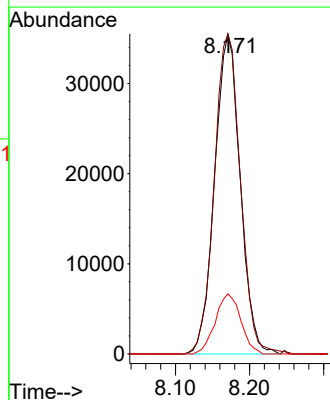
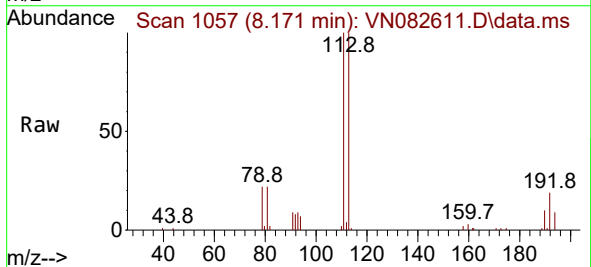
Instrument :  
MSVOA\_N  
ClientSampleId :  
Storage-Blank-WATER-REF-5

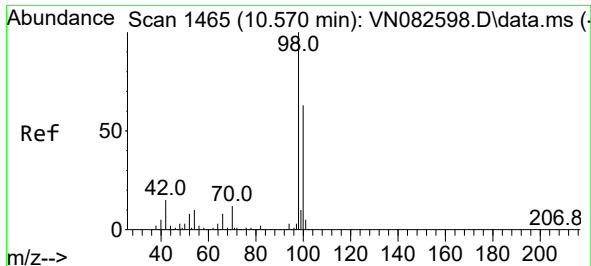
Tgt Ion:114 Resp: 238238  
Ion Ratio Lower Upper  
114 100  
63 23.0 0.0 44.6  
88 15.7 0.0 31.4



#35  
Dibromofluoromethane  
Concen: 52.490 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN082611.D  
Acq: 17 Jun 2024 16:09

Tgt Ion:113 Resp: 84833  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.4 123.6  
192 18.7 14.9 22.3

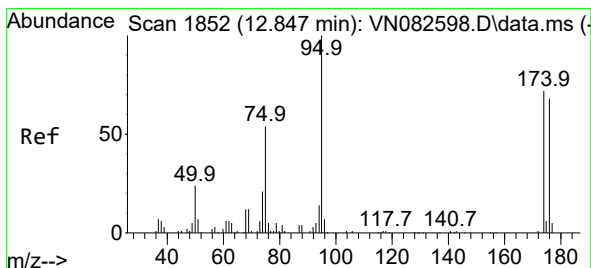
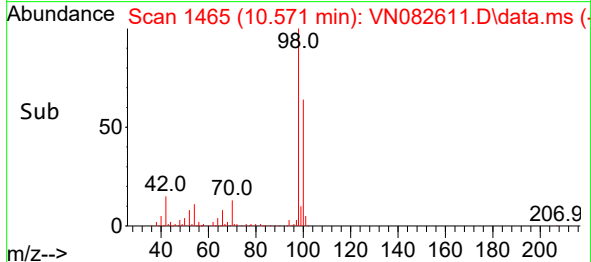
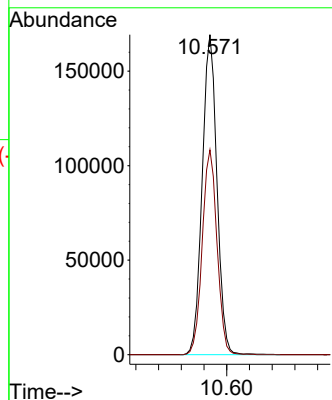
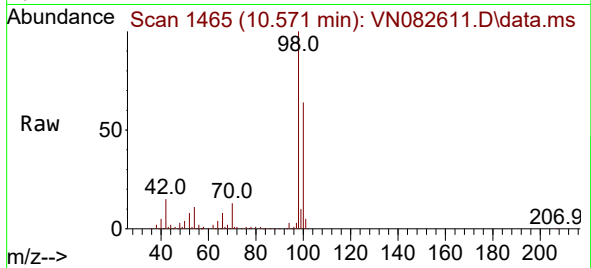




#50  
Toluene-d8  
Concen: 49.847 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN082611.D  
Acq: 17 Jun 2024 16:09

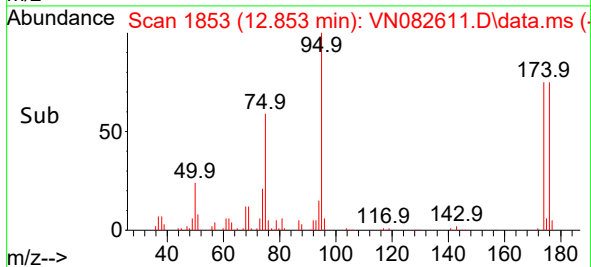
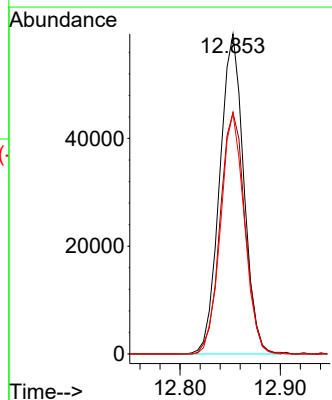
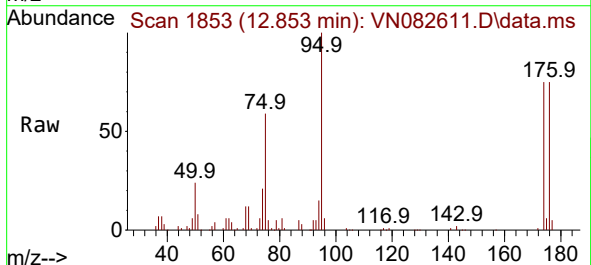
Instrument :  
MSVOA\_N  
ClientSampleId :  
Storage-Blank-WATER-REF-5

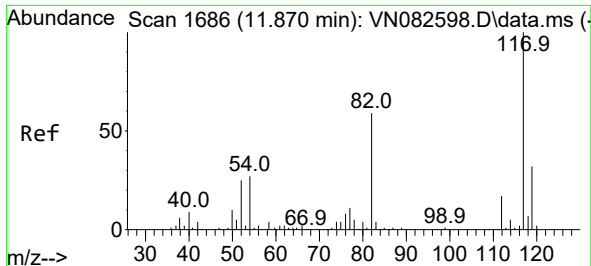
Tgt Ion: 98 Resp: 304655  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.5 77.3



#62  
4-Bromofluorobenzene  
Concen: 46.822 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082611.D  
Acq: 17 Jun 2024 16:09

Tgt Ion: 95 Resp: 98661  
Ion Ratio Lower Upper  
95 100  
174 78.2 0.0 159.2  
176 74.4 0.0 147.6

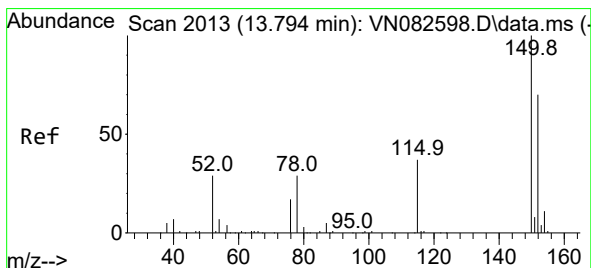
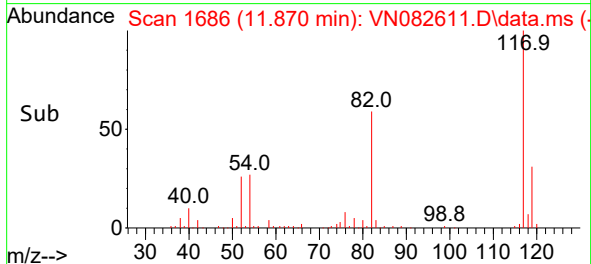
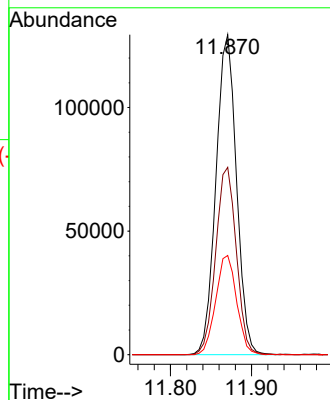
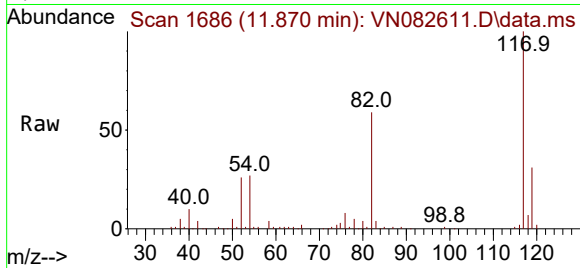




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VN082611.D  
Acq: 17 Jun 2024 16:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
Storage-Blank-WATER-REF-5

Tgt Ion:117 Resp: 227678  
Ion Ratio Lower Upper  
117 100  
82 58.5 47.5 71.3  
119 31.0 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN082611.D  
Acq: 17 Jun 2024 16:09

Tgt Ion:152 Resp: 94019  
Ion Ratio Lower Upper  
152 100  
115 58.3 30.6 91.6  
150 156.3 0.0 348.6

