

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061024\  
 Data File : VN082508.D  
 Acq On : 10 Jun 2024 11:44  
 Operator : JC\MD  
 Sample : VN0610WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0610WBL01

Quant Time: Jun 11 01:03:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 05:21:06 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 175474   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 316307   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 307033   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 129925   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.576  | 65    | 140671   | 50.769   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 101.540% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 103470   | 53.177   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 106.360% |
| 50) Toluene-d8              | 10.570 | 98    | 386319   | 51.786   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 103.580% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 130281   | 48.929   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =    | 97.860%  |

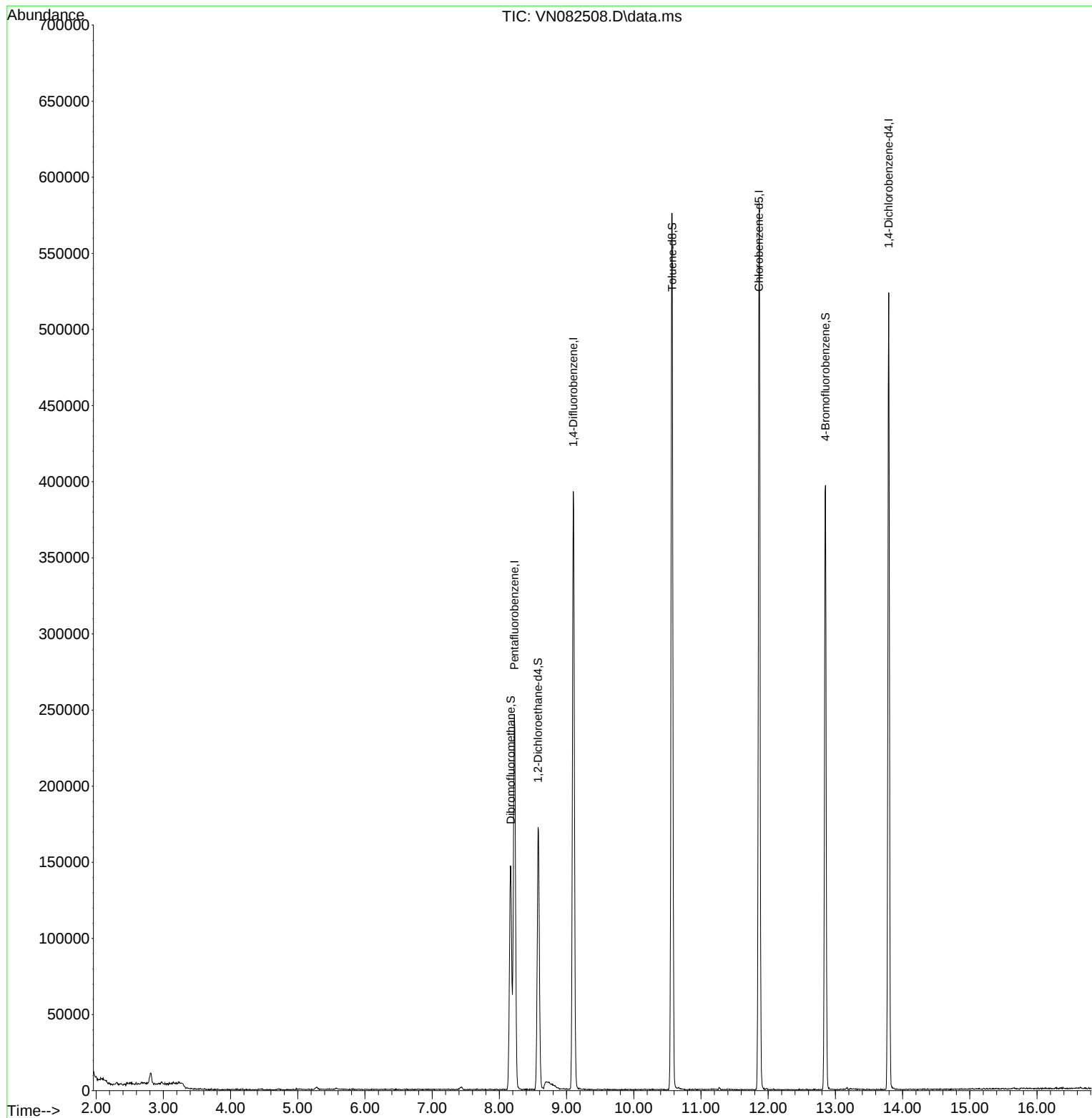
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

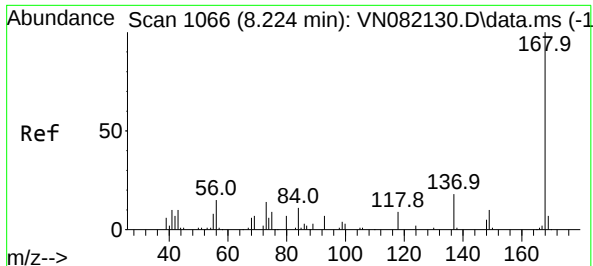
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061024\  
Data File : VN082508.D  
Acq On : 10 Jun 2024 11:44  
Operator : JC\MD  
Sample : VN0610WBL01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0610WBL01

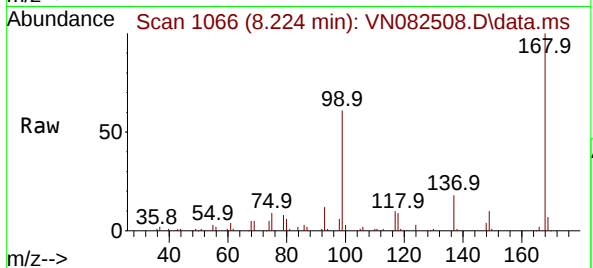
Quant Time: Jun 11 01:03:55 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 16 05:21:06 2024  
Response via : Initial Calibration



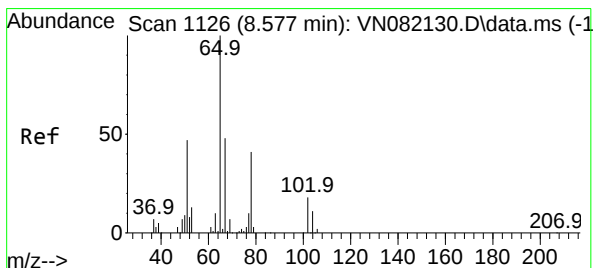
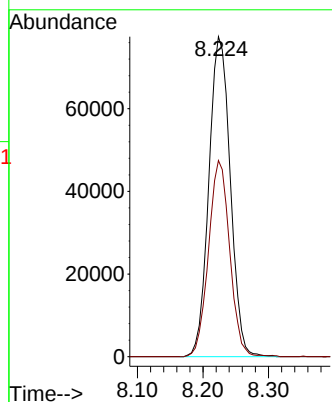
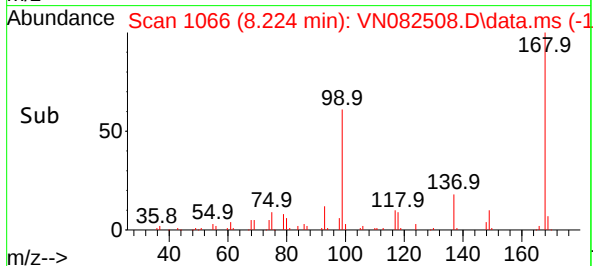


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN082508.D  
Acq: 10 Jun 2024 11:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0610WBL01

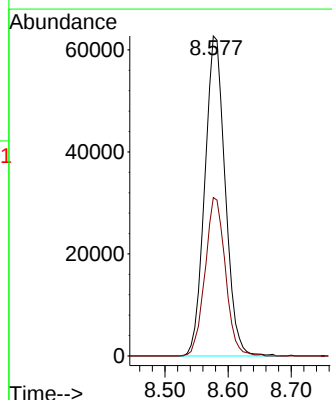
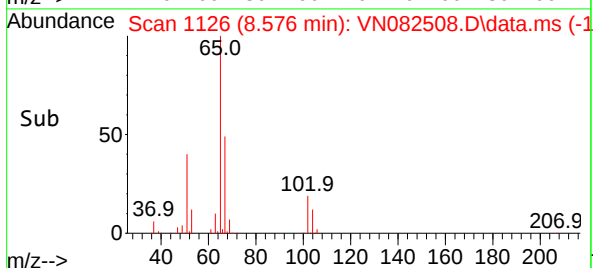
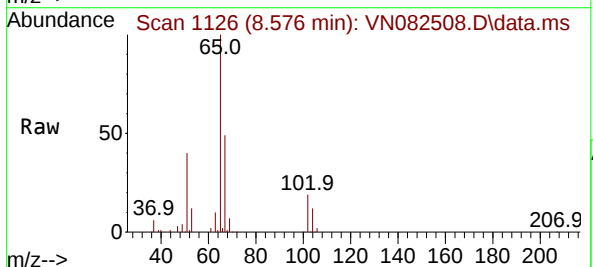


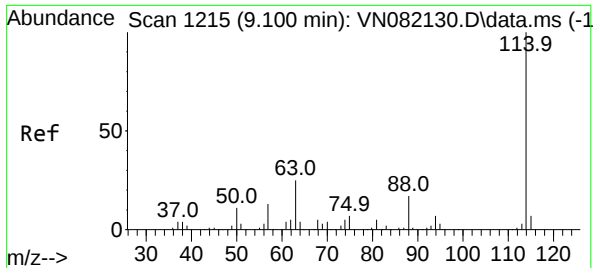
Tgt Ion:168 Resp: 175474  
Ion Ratio Lower Upper  
168 100  
99 61.3 48.2 72.4



#33  
1,2-Dichloroethane-d4  
Concen: 50.769 ug/l  
RT: 8.576 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN082508.D  
Acq: 10 Jun 2024 11:44

Tgt Ion: 65 Resp: 140671  
Ion Ratio Lower Upper  
65 100  
67 49.4 0.0 103.0

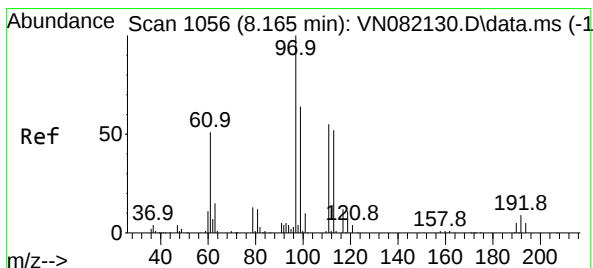
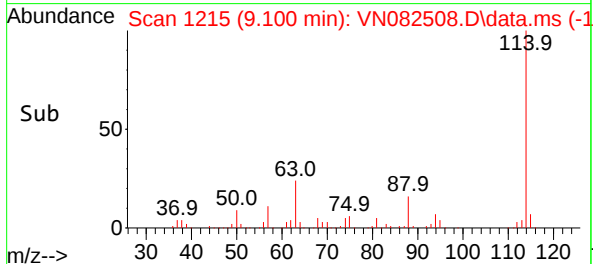
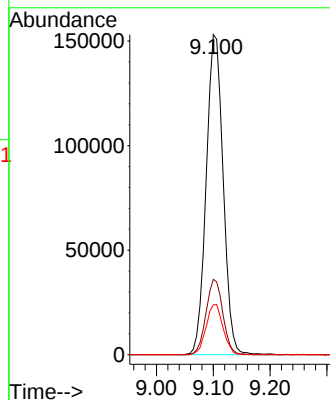
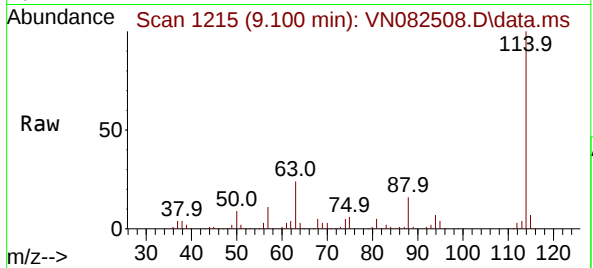




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN082508.D  
Acq: 10 Jun 2024 11:44

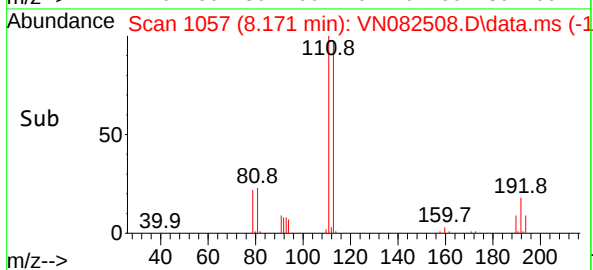
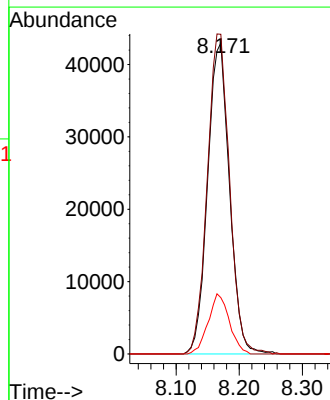
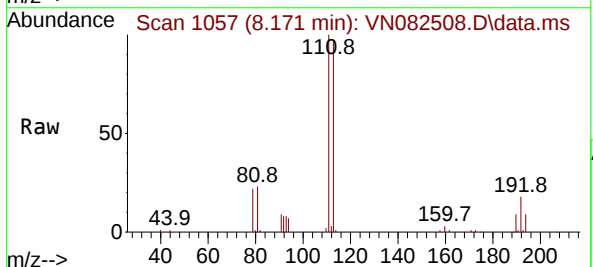
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0610WBL01

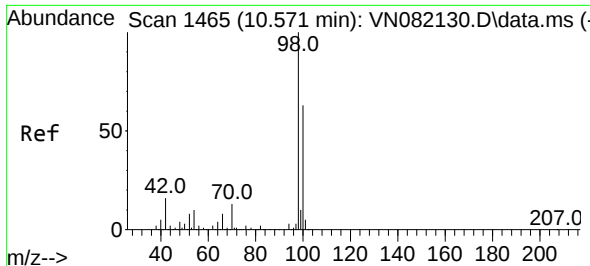
Tgt Ion:114 Resp: 316307  
Ion Ratio Lower Upper  
114 100  
63 23.5 0.0 41.0  
88 15.6 0.0 31.4



#35  
Dibromofluoromethane  
Concen: 53.177 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN082508.D  
Acq: 10 Jun 2024 11:44

Tgt Ion:113 Resp: 103470  
Ion Ratio Lower Upper  
113 100  
111 104.5 83.4 125.2  
192 18.6 14.0 21.0

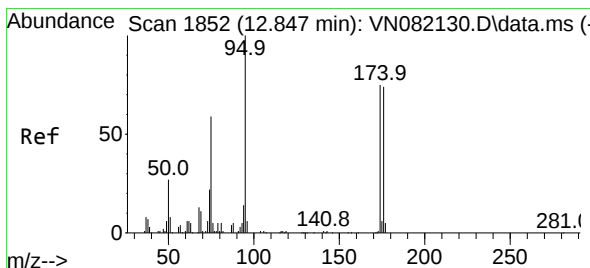
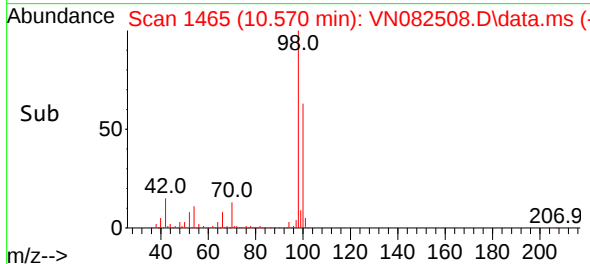
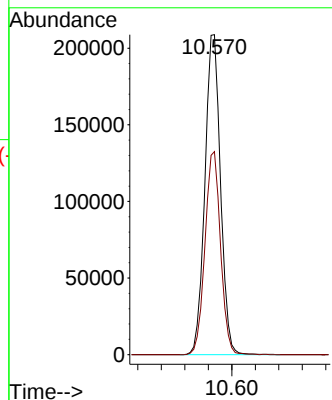
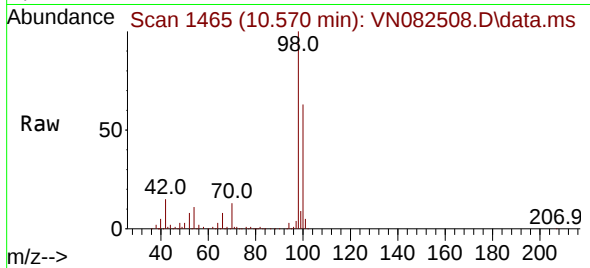




#50  
Toluene-d8  
Concen: 51.786 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN082508.D  
Acq: 10 Jun 2024 11:44

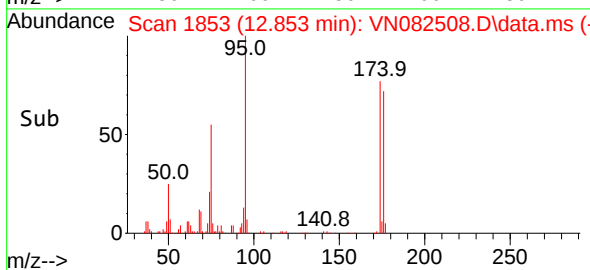
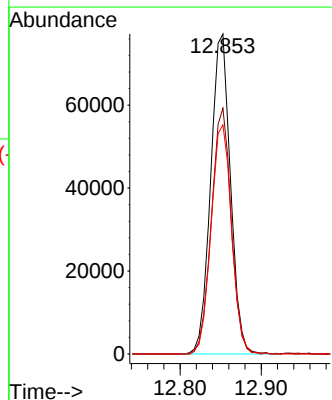
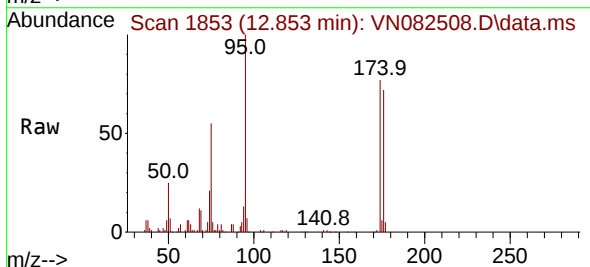
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0610WBL01

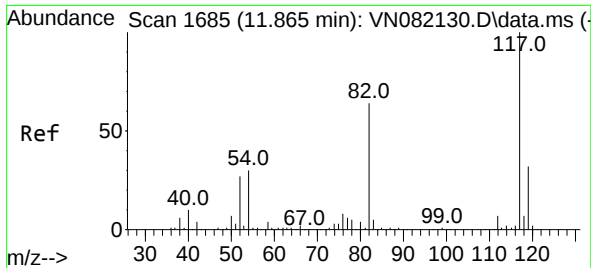
Tgt Ion: 98 Resp: 386319  
Ion Ratio Lower Upper  
98 100  
100 63.1 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 48.929 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082508.D  
Acq: 10 Jun 2024 11:44

Tgt Ion: 95 Resp: 130281  
Ion Ratio Lower Upper  
95 100  
174 77.3 0.0 160.6  
176 74.0 0.0 152.8

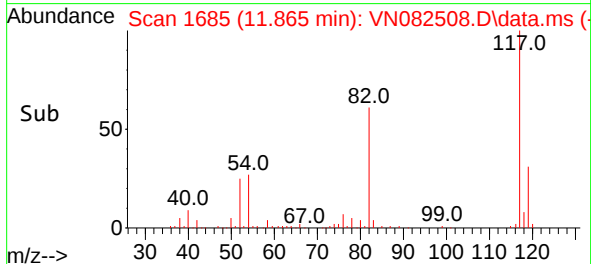
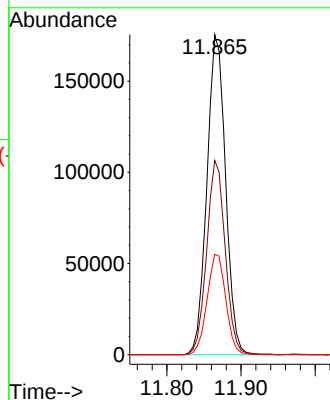
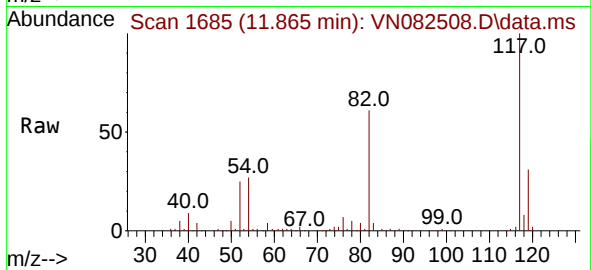




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN082508.D  
Acq: 10 Jun 2024 11:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0610WBL01

Tgt Ion:117 Resp: 307033  
Ion Ratio Lower Upper  
117 100  
82 60.7 44.6 66.8  
119 31.4 25.9 38.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN082508.D  
Acq: 10 Jun 2024 11:44

Tgt Ion:152 Resp: 129925  
Ion Ratio Lower Upper  
152 100  
115 59.7 30.4 91.3  
150 157.9 0.0 353.2

