

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052024\  
 Data File : VN082207.D  
 Acq On : 20 May 2024 14:10  
 Operator : JC\MD  
 Sample : P2529-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-TB-20240514

Quant Time: May 21 03:47:31 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  | 183988   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 321072   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 301035   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 128244   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 149398   | 51.424   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 102.840% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 107932   | 54.647   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 109.300% |
| 50) Toluene-d8              | 10.570 | 98    | 409174   | 54.035   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 108.080% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 138086   | 51.091   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =    | 102.180% |

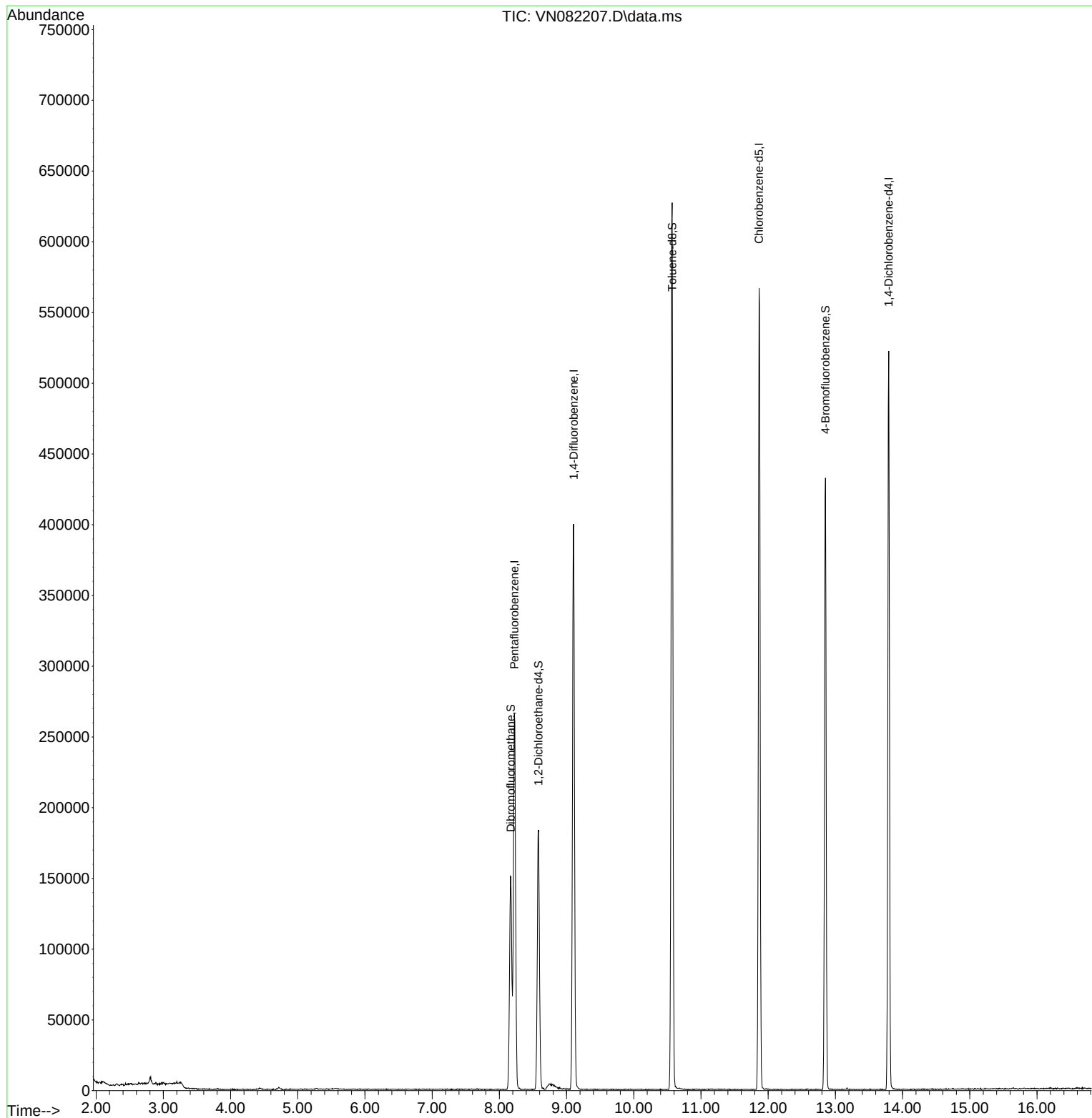
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

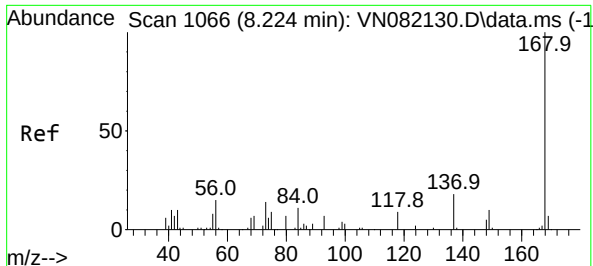
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
BP-TB-20240514

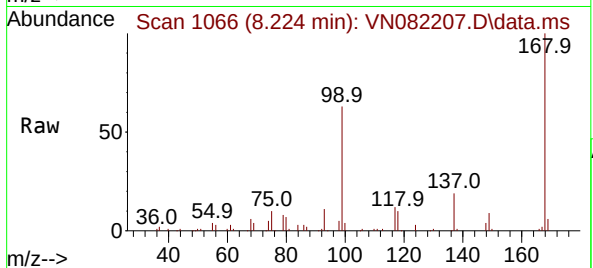
Quant Time: May 21 03:47:31 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 16 05:21:06 2024  
Response via : Initial Calibration



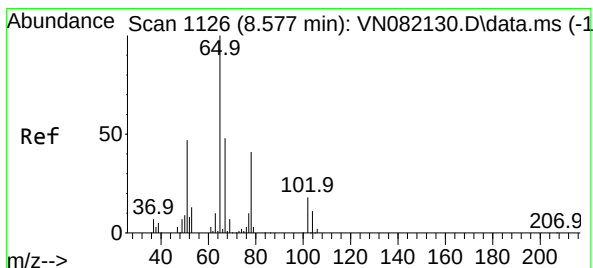
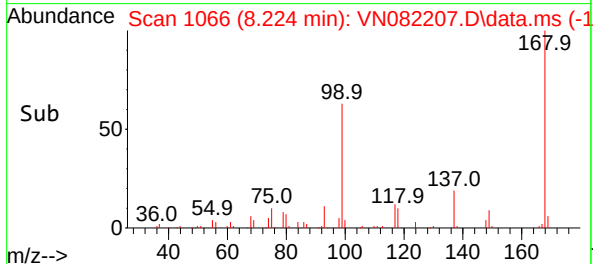
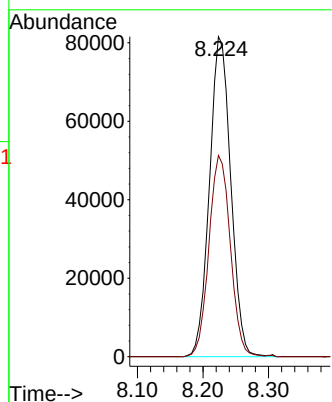


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN082207.D  
Acq: 20 May 2024 14:10

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-TB-20240514

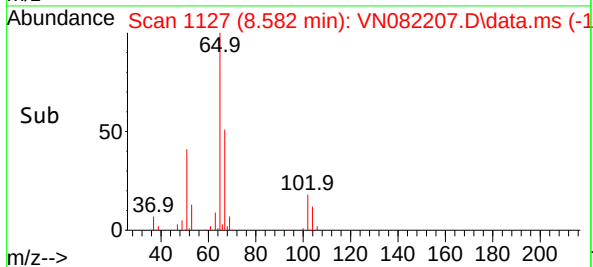
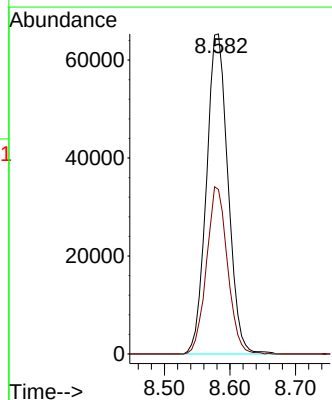
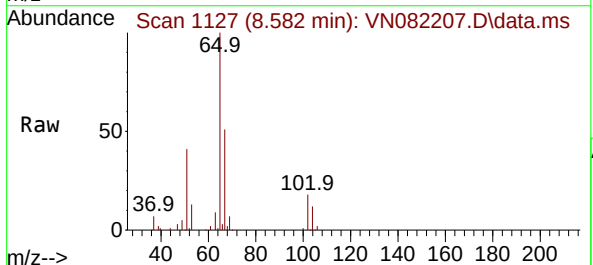


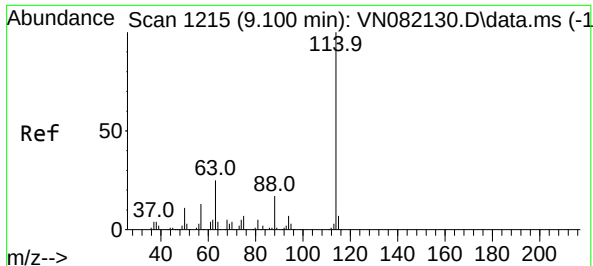
Tgt Ion:168 Resp: 183988  
Ion Ratio Lower Upper  
168 100  
99 62.9 48.2 72.4



#33  
1,2-Dichloroethane-d4  
Concen: 51.424 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN082207.D  
Acq: 20 May 2024 14:10

Tgt Ion: 65 Resp: 149398  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 103.0

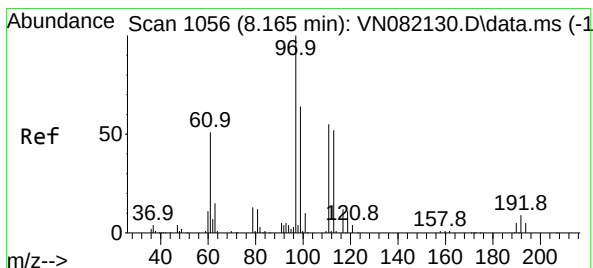
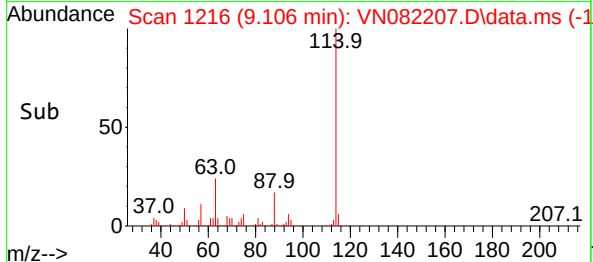
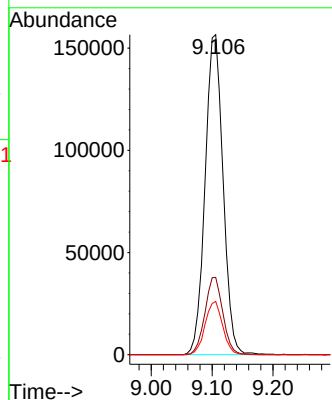
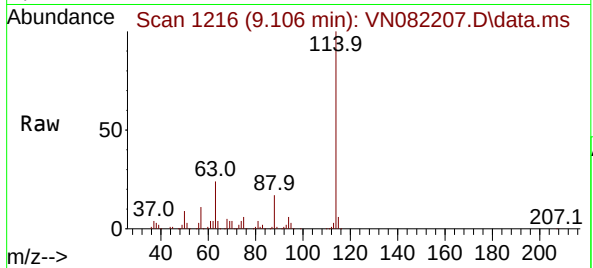




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN082207.D  
Acq: 20 May 2024 14:10

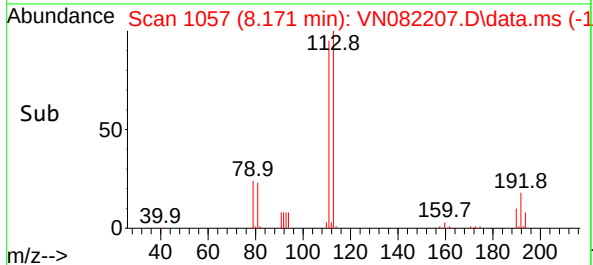
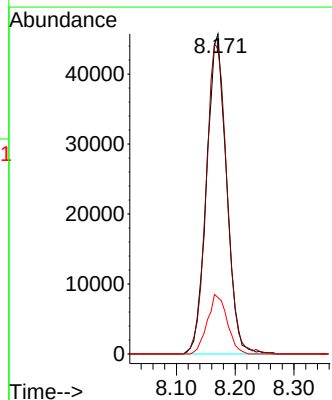
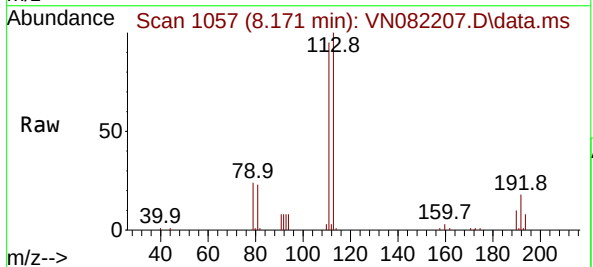
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-TB-20240514

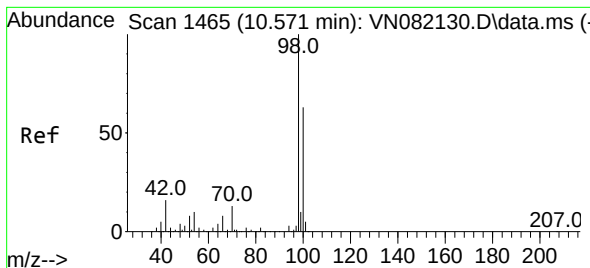
Tgt Ion:114 Resp: 321072  
Ion Ratio Lower Upper  
114 100  
63 24.2 0.0 41.0  
88 16.7 0.0 31.4



#35  
Dibromofluoromethane  
Concen: 54.647 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN082207.D  
Acq: 20 May 2024 14:10

Tgt Ion:113 Resp: 107932  
Ion Ratio Lower Upper  
113 100  
111 100.6 83.4 125.2  
192 18.4 14.0 21.0

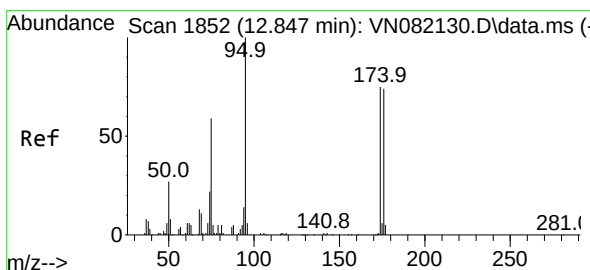
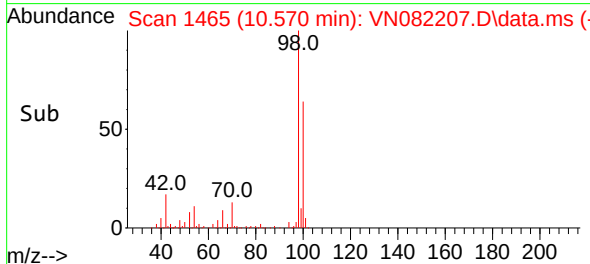
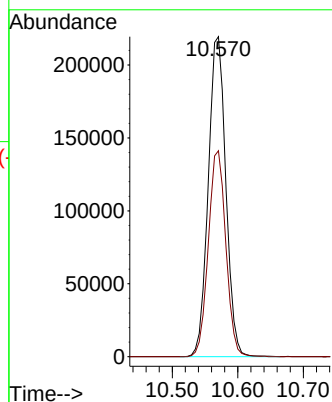
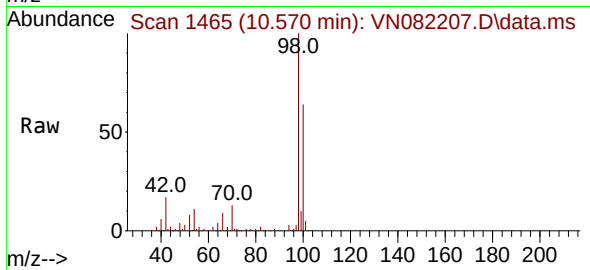




#50  
Toluene-d8  
Concen: 54.035 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN082207.D  
Acq: 20 May 2024 14:10

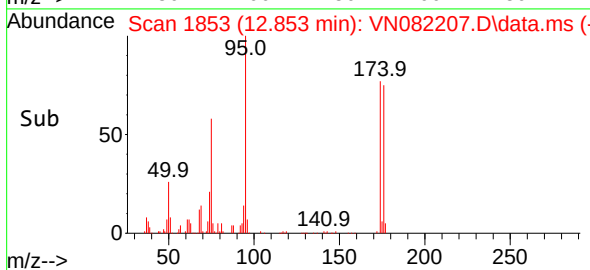
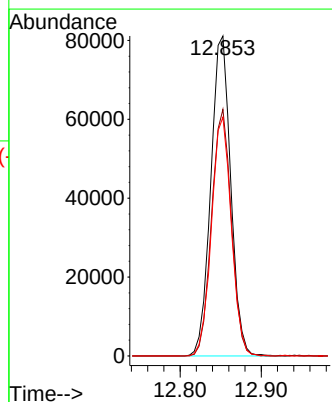
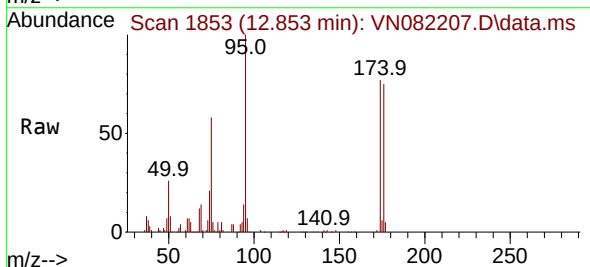
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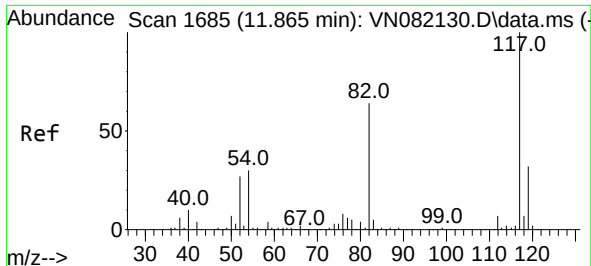
Tgt Ion: 98 Resp: 409174  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 51.091 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082207.D  
Acq: 20 May 2024 14:10

Tgt Ion: 95 Resp: 138086  
Ion Ratio Lower Upper  
95 100  
174 76.6 0.0 160.6  
176 74.3 0.0 152.8

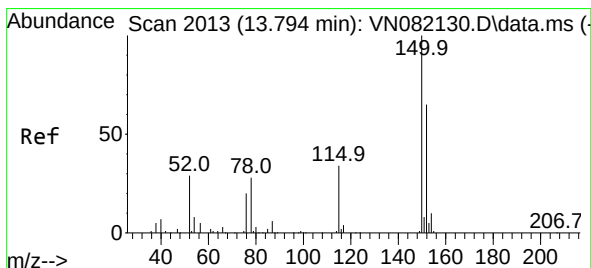
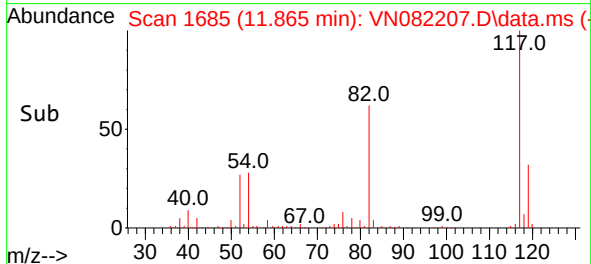
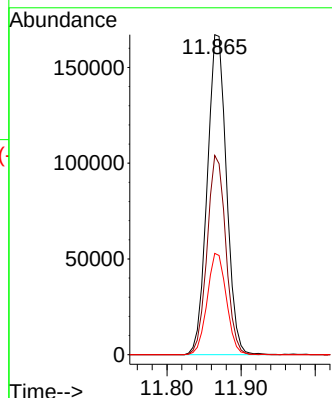
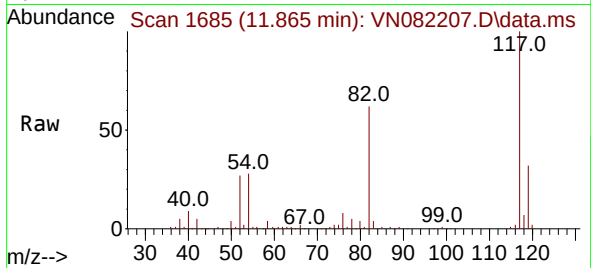




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN082207.D  
Acq: 20 May 2024 14:10

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-TB-20240514

Tgt Ion:117 Resp: 301035  
Ion Ratio Lower Upper  
117 100  
82 62.2 44.6 66.8  
119 31.6 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: VN082207.D  
Acq: 20 May 2024 14:10

Tgt Ion:152 Resp: 128244  
Ion Ratio Lower Upper  
152 100  
115 61.0 30.4 91.3  
150 158.3 0.0 353.2

