

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052024\  
 Data File : VN082226.D  
 Acq On : 20 May 2024 21:48  
 Operator : JC\MD  
 Sample : P2537-04 50X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 451

Quant Time: May 21 03:55:58 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  | 167968   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 304367   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 285362   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 121553   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 142244   | 53.631   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 107.260% |
| 35) Dibromofluoromethane    | 8.165  | 113   | 99140    | 52.950   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 105.900% |
| 50) Toluene-d8              | 10.570 | 98    | 383681   | 53.450   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 106.900% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 129913   | 50.705   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =    | 101.420% |

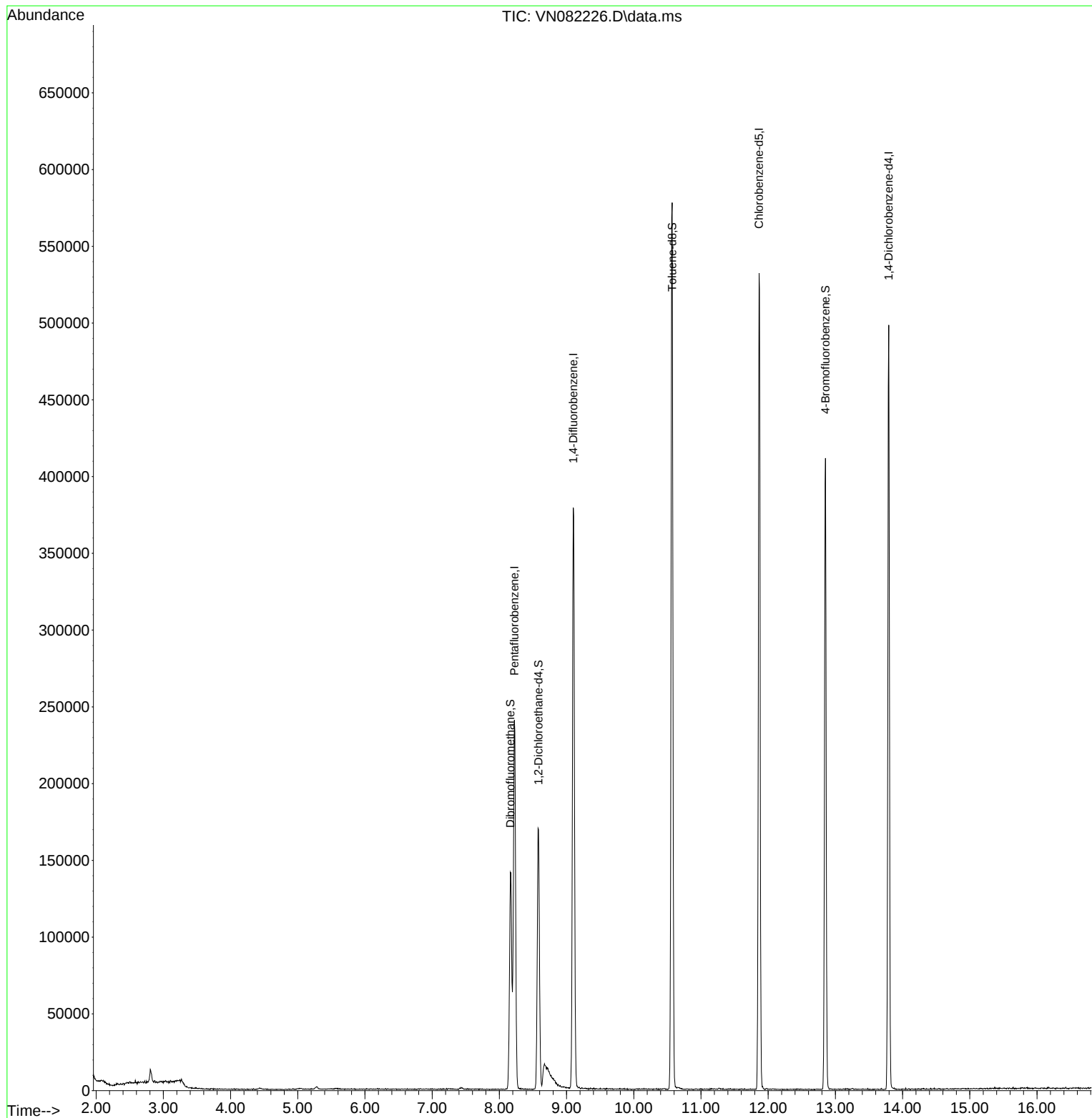
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

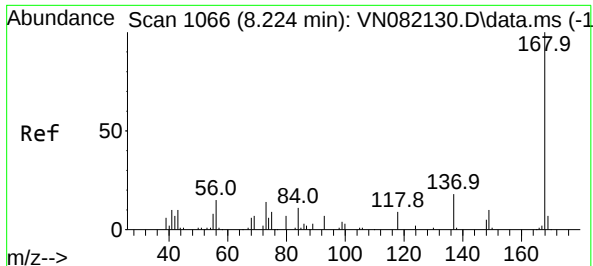
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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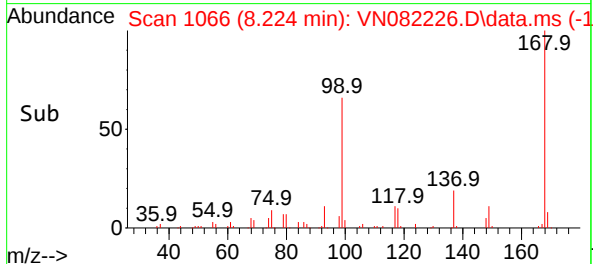
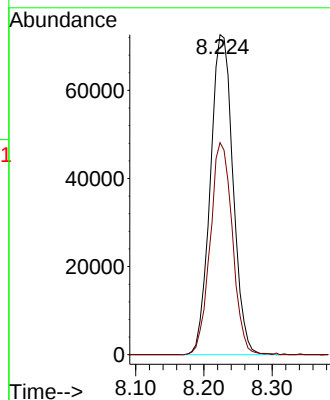
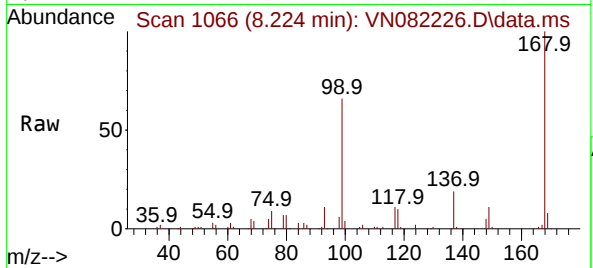




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN082226.D  
Acq: 20 May 2024 21:48

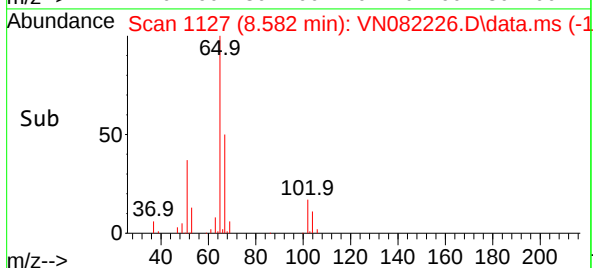
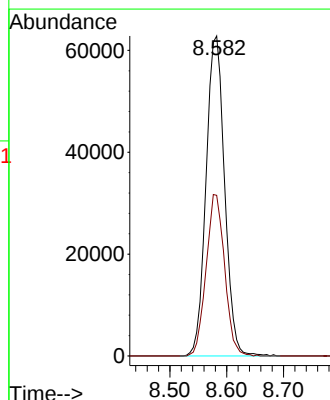
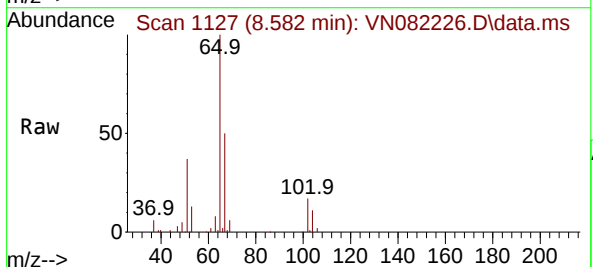
Instrument :  
MSVOA\_N  
ClientSampleId :  
451

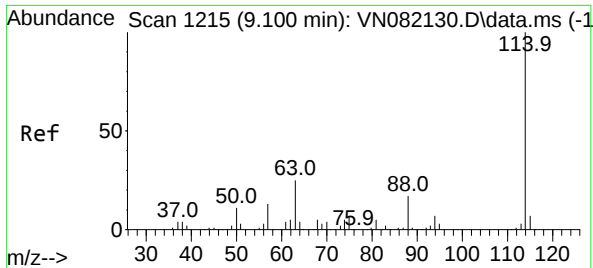
Tgt Ion:168 Resp: 167968  
Ion Ratio Lower Upper  
168 100  
99 66.3 48.2 72.4



#33  
1,2-Dichloroethane-d4  
Concen: 53.631 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN082226.D  
Acq: 20 May 2024 21:48

Tgt Ion: 65 Resp: 142244  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 103.0

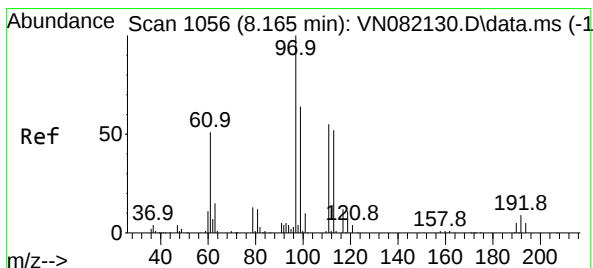
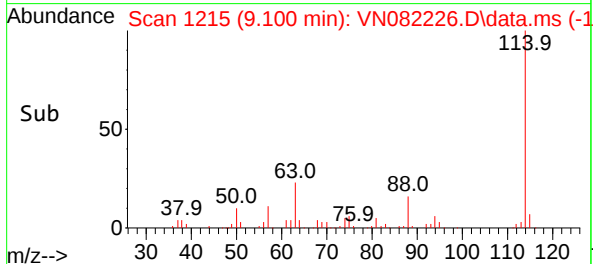
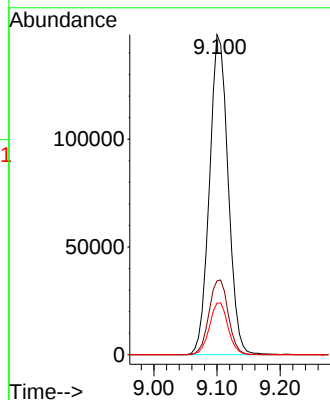
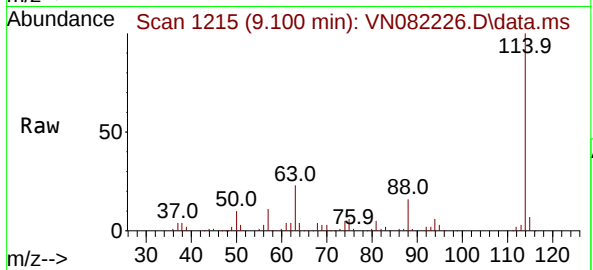




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN082226.D  
Acq: 20 May 2024 21:48

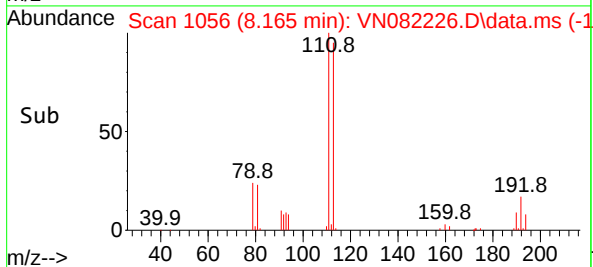
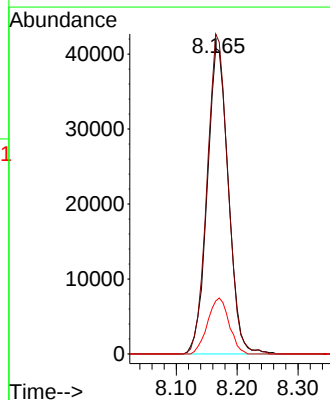
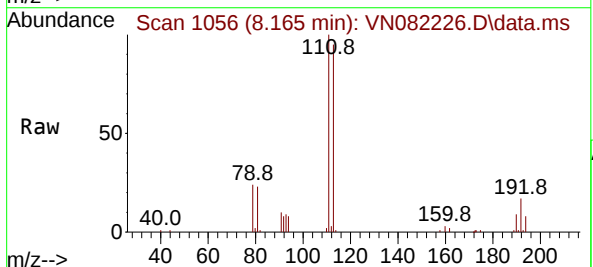
Instrument :  
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ClientSampleId :  
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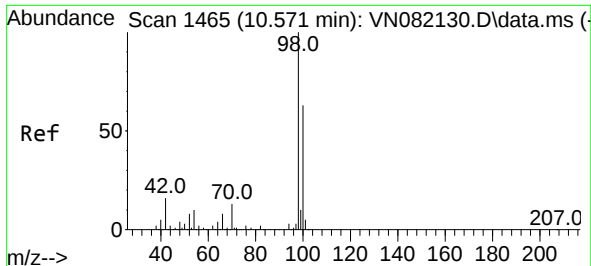
Tgt Ion:114 Resp: 304367  
Ion Ratio Lower Upper  
114 100  
63 23.0 0.0 41.0  
88 16.1 0.0 31.4



#35  
Dibromofluoromethane  
Concen: 52.950 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN082226.D  
Acq: 20 May 2024 21:48

Tgt Ion:113 Resp: 99140  
Ion Ratio Lower Upper  
113 100  
111 102.4 83.4 125.2  
192 18.3 14.0 21.0

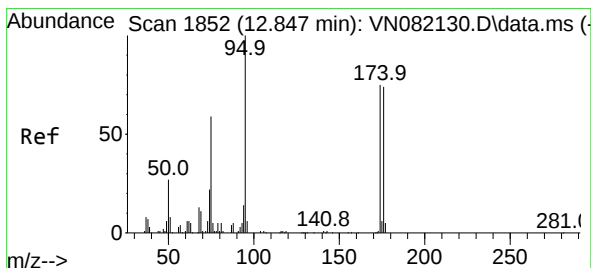
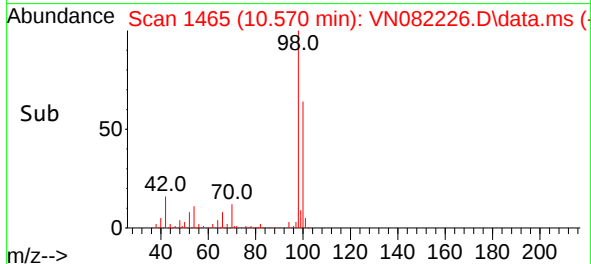
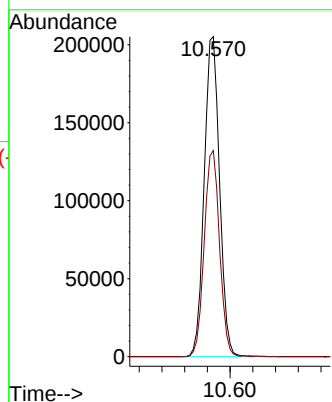
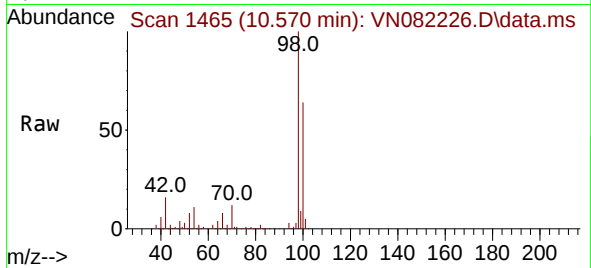




#50  
Toluene-d8  
Concen: 53.450 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN082226.D  
Acq: 20 May 2024 21:48

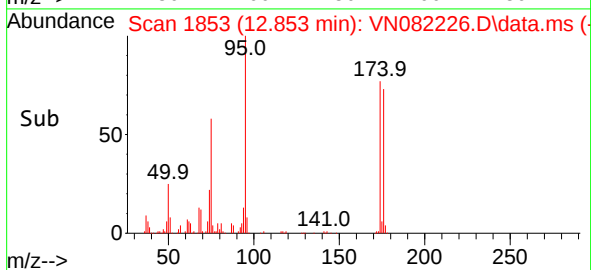
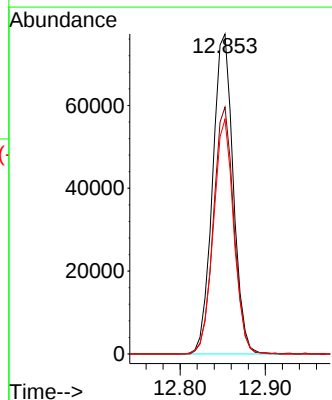
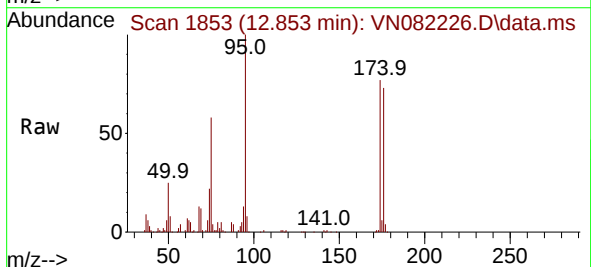
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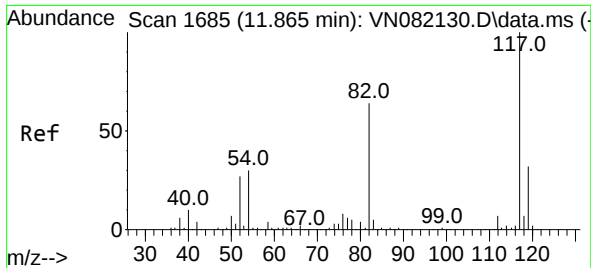
Tgt Ion: 98 Resp: 383681  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 50.705 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082226.D  
Acq: 20 May 2024 21:48

Tgt Ion: 95 Resp: 129913  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 160.6  
176 72.3 0.0 152.8

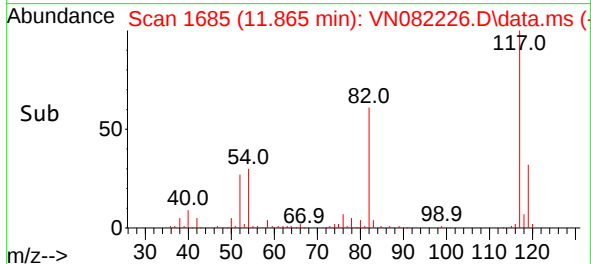
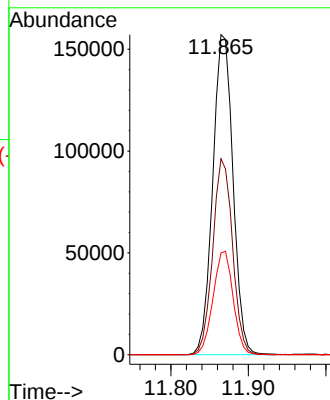
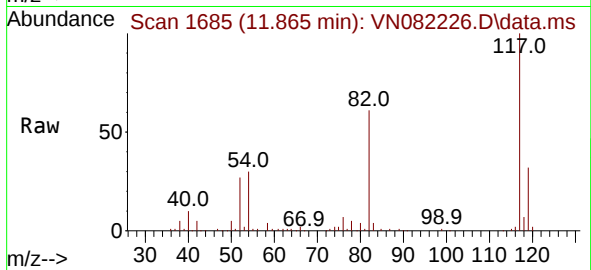




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN082226.D  
Acq: 20 May 2024 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
451

Tgt Ion:117 Resp: 285362  
Ion Ratio Lower Upper  
117 100  
82 61.2 44.6 66.8  
119 31.8 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: VN082226.D  
Acq: 20 May 2024 21:48

Tgt Ion:152 Resp: 121553  
Ion Ratio Lower Upper  
152 100  
115 60.5 30.4 91.3  
150 157.5 0.0 353.2

