

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052824\  
 Data File : VN082349.D  
 Acq On : 28 May 2024 16:06  
 Operator : JC\MD  
 Sample : P2605-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-TB-20240521

Quant Time: May 29 06:52:41 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      | 8.229  | 168  | 202527   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 356762   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 334451   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 144419   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 158180   | 49.463   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 98.920%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 114718   | 52.272   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 104.540% |
| 50) Toluene-d8              | 10.570 | 98    | 450949   | 53.595   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 107.180% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 164149   | 54.658   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =    | 109.320% |

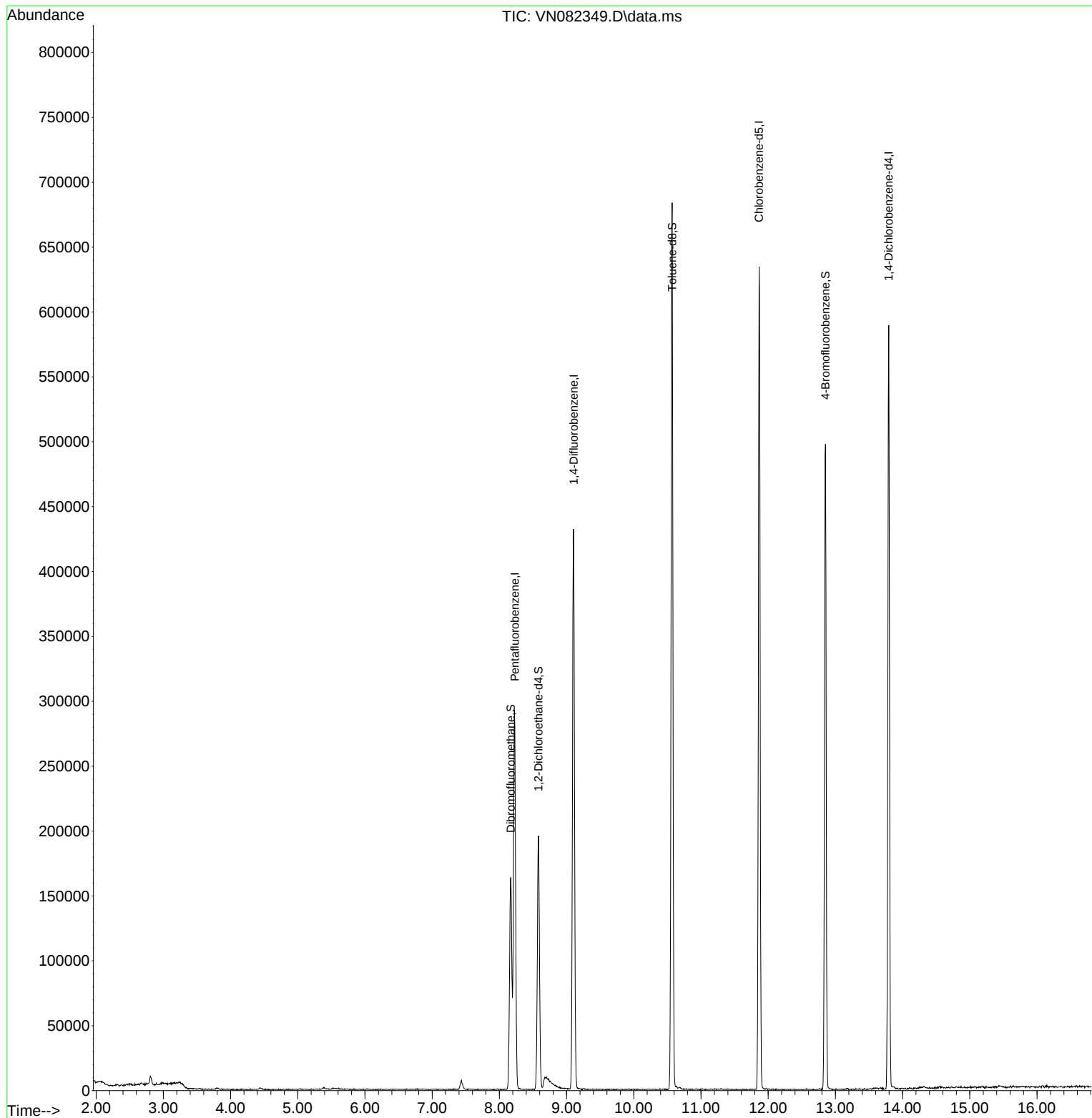
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

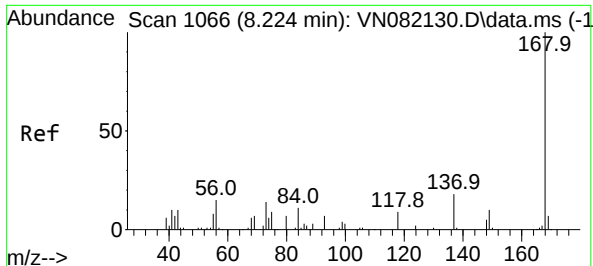
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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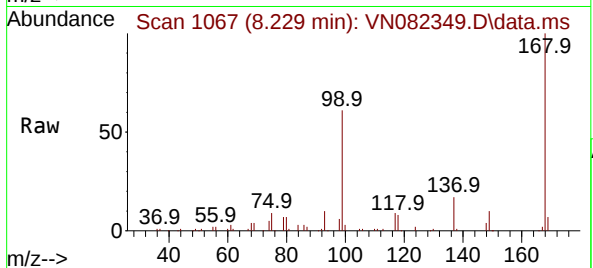
Quant Time: May 29 06:52:41 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
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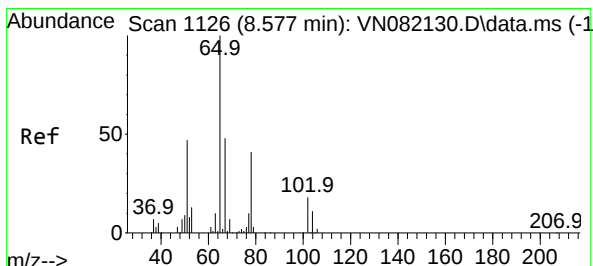
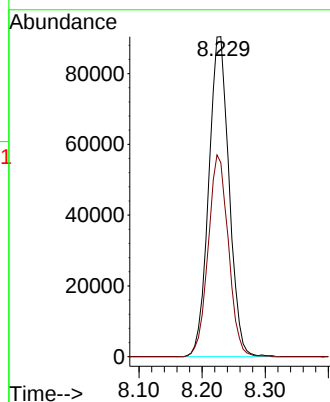
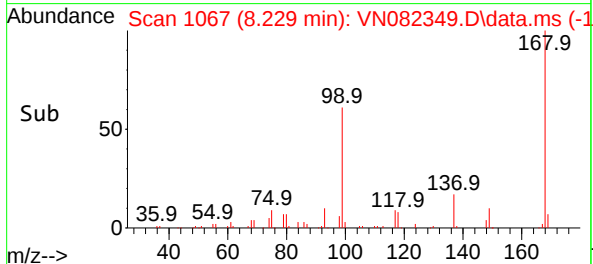


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1066  
Delta R.T. 0.005 min  
Lab File: VN082349.D  
Acq: 28 May 2024 16:06

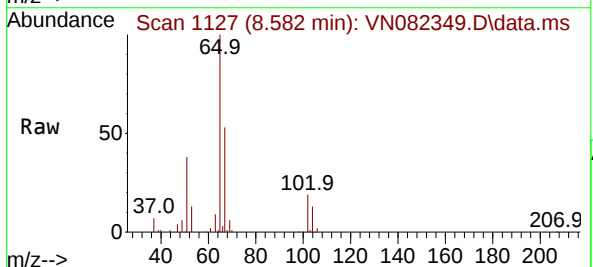
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-TB-20240521



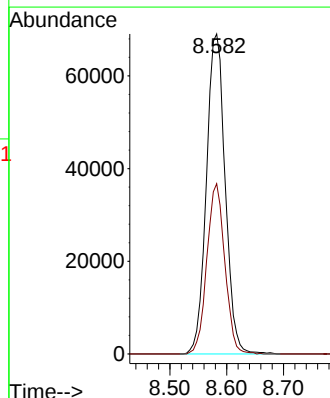
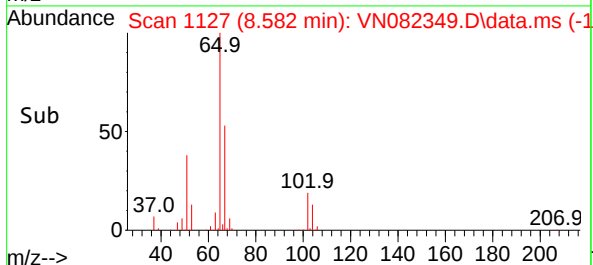
Tgt Ion:168 Resp: 202527  
Ion Ratio Lower Upper  
168 100  
99 60.6 48.2 72.4

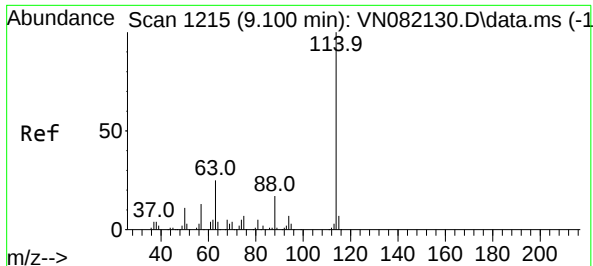


#33  
1,2-Dichloroethane-d4  
Concen: 49.463 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN082349.D  
Acq: 28 May 2024 16:06



Tgt Ion: 65 Resp: 158180  
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: VN082349.D

Acq: 28 May 2024 16:06

Instrument :

MSVOA\_N

ClientSampleId :

BP-TB-20240521

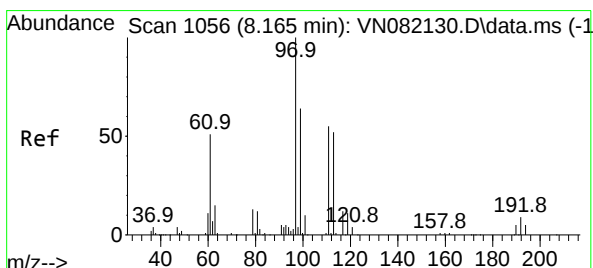
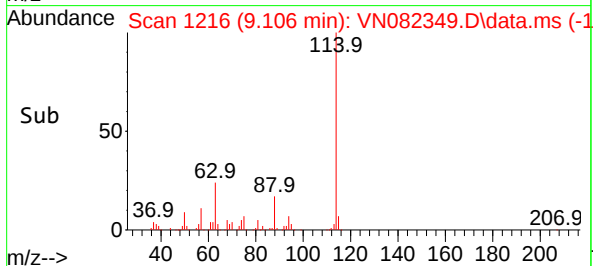
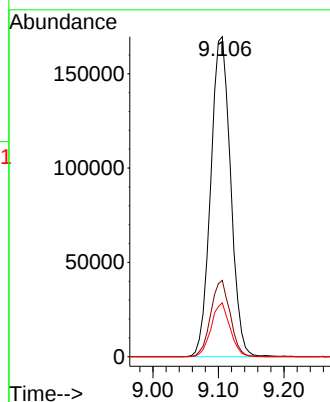
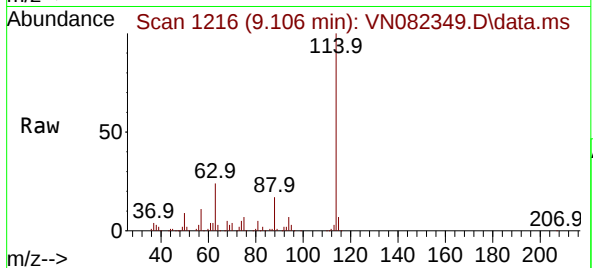
Tgt Ion:114 Resp: 356762

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.272 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082349.D

Acq: 28 May 2024 16:06

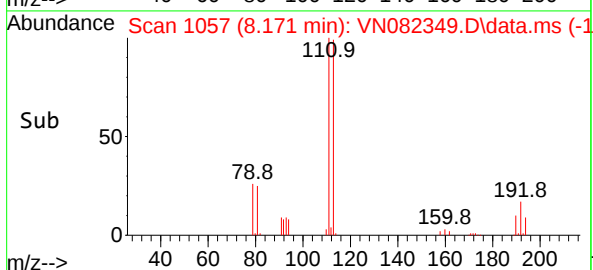
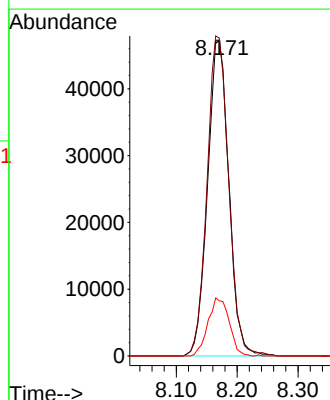
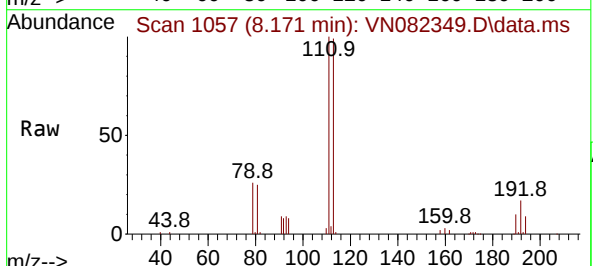
Tgt Ion:113 Resp: 114718

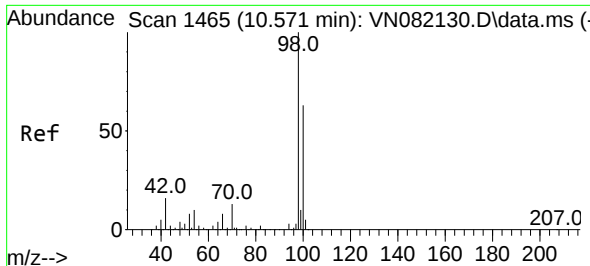
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 18.3 14.0 21.0

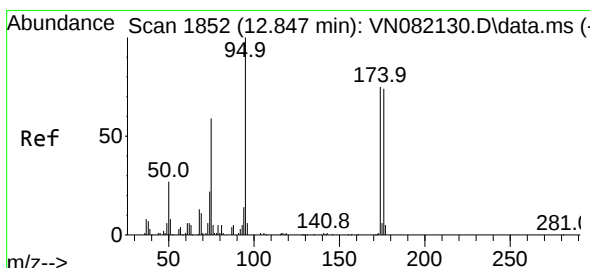
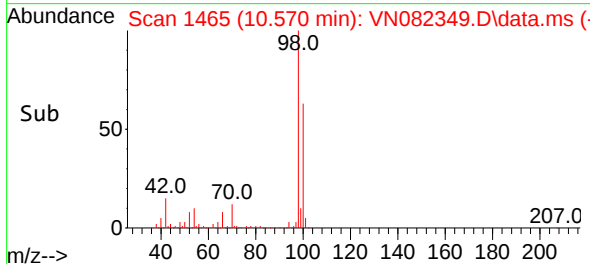
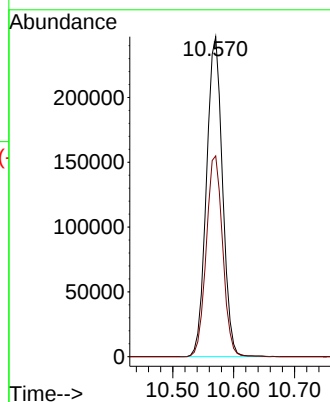
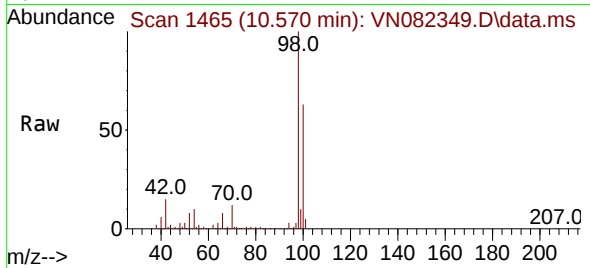




#50  
Toluene-d8  
Concen: 53.595 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN082349.D  
Acq: 28 May 2024 16:06

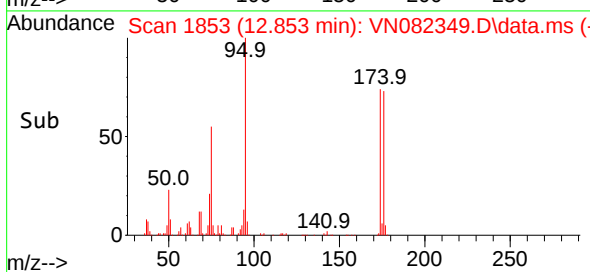
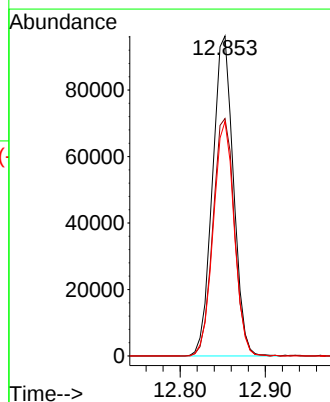
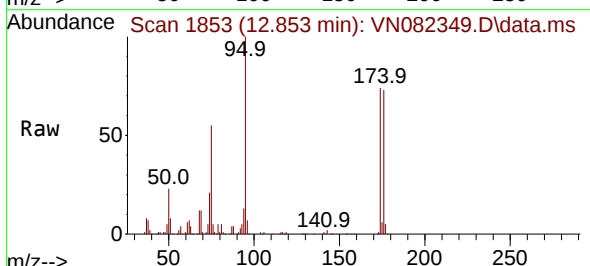
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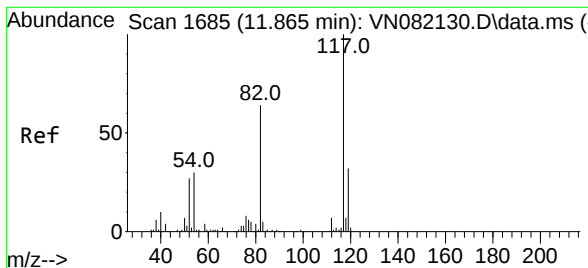
Tgt Ion: 98 Resp: 450949  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 54.658 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082349.D  
Acq: 28 May 2024 16:06

Tgt Ion: 95 Resp: 164149  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 160.6  
176 73.0 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082349.D

Acq: 28 May 2024 16:06

Instrument :

MSVOA\_N

ClientSampleId :

BP-TB-20240521

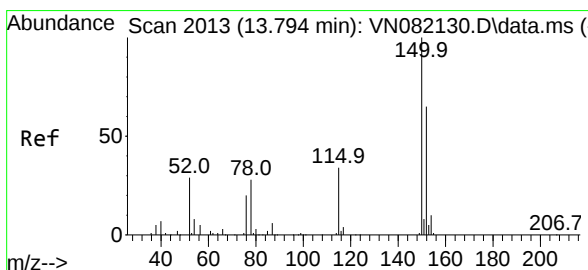
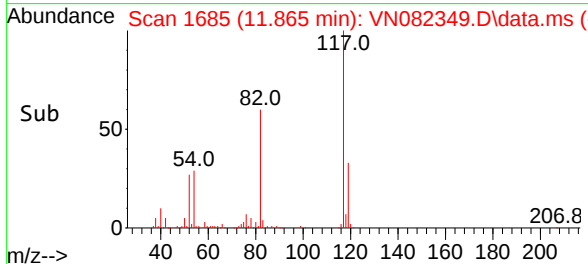
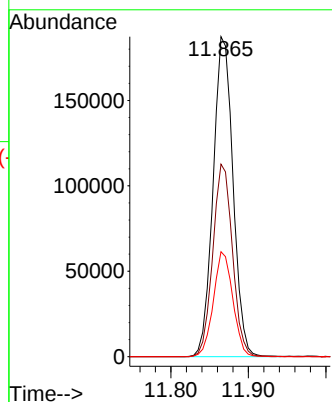
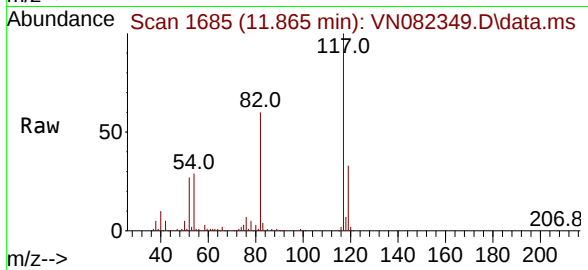
Tgt Ion:117 Resp: 334451

Ion Ratio Lower Upper

117 100

82 60.1 44.6 66.8

119 32.8 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: VN082349.D

Acq: 28 May 2024 16:06

Tgt Ion:152 Resp: 144419

Ion Ratio Lower Upper

152 100

115 61.0 30.4 91.3

150 158.4 0.0 353.2

