

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061024\  
 Data File : VN082518.D  
 Acq On : 10 Jun 2024 16:44  
 Operator : JC\MD  
 Sample : P2707-07  
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P-01

Quant Time: Jun 11 01:09:55 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      | 8.218  | 168  | 155874   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 282797   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 268368   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 128859   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 131817   | 53.556   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 107.120% |
| 35) Dibromofluoromethane    | 8.165  | 113   | 95845    | 55.095   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 110.180% |
| 50) Toluene-d8              | 10.565 | 98    | 362914   | 54.413   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 108.820% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 129062   | 54.215   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =    | 108.440% |

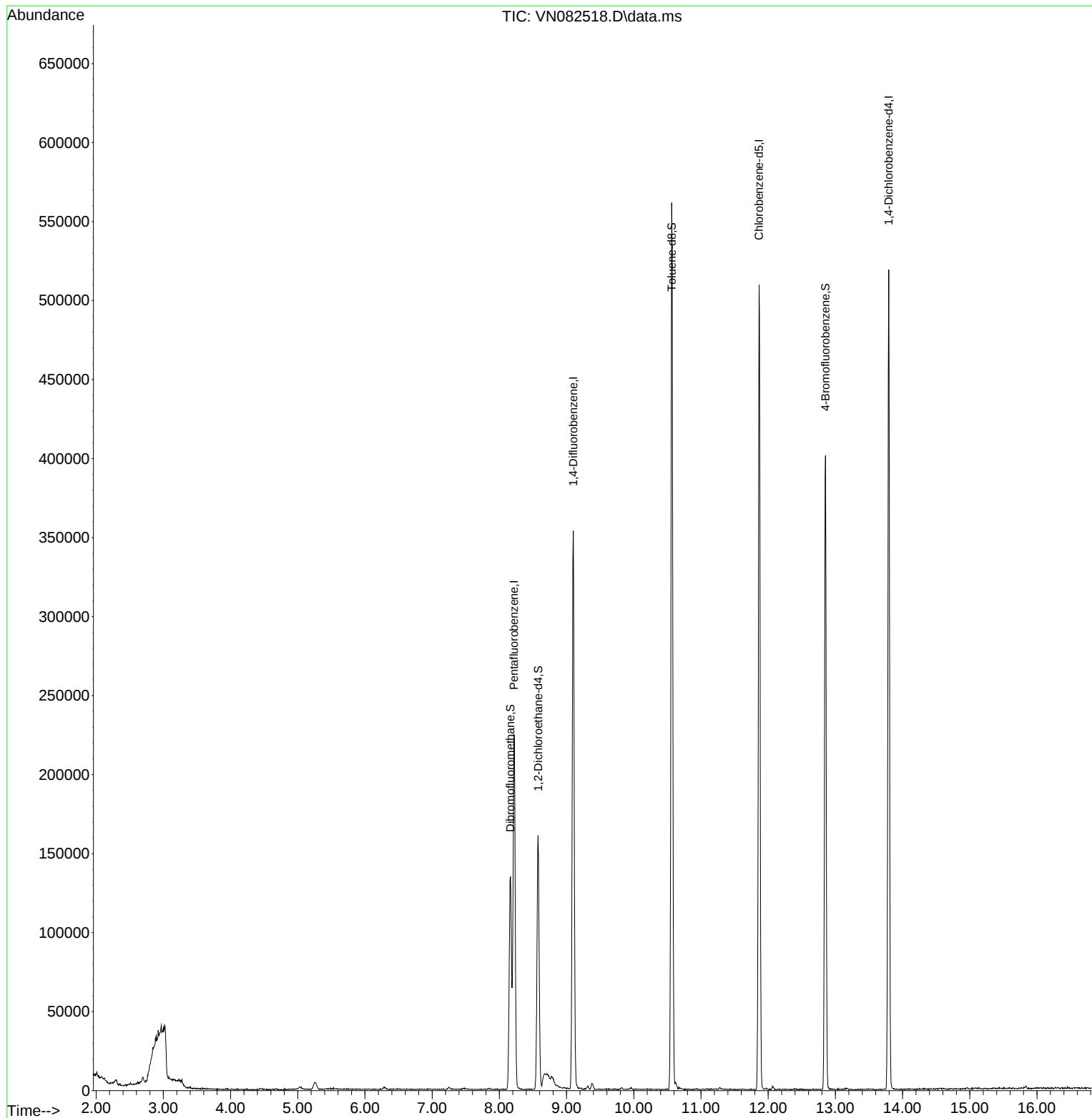
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

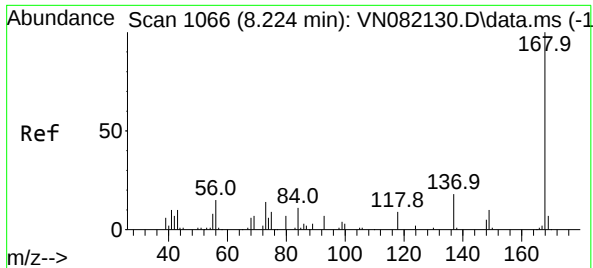
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P2707-07  
Misc : 5.02g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
P-01

Quant Time: Jun 11 01:09:55 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

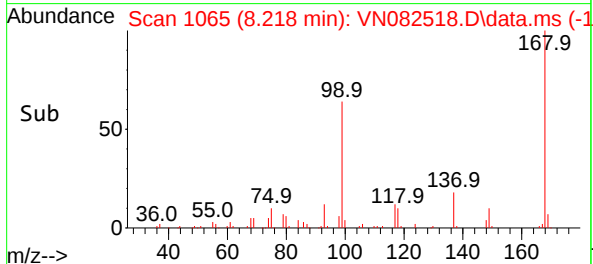
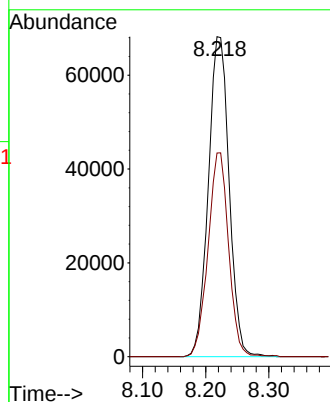
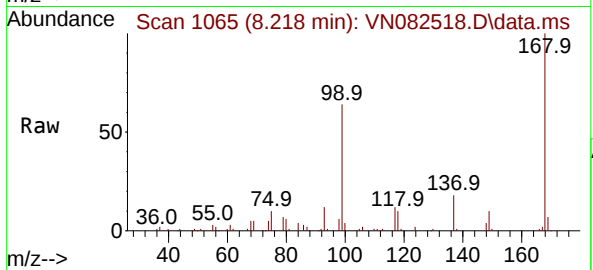




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VN082518.D  
Acq: 10 Jun 2024 16:44

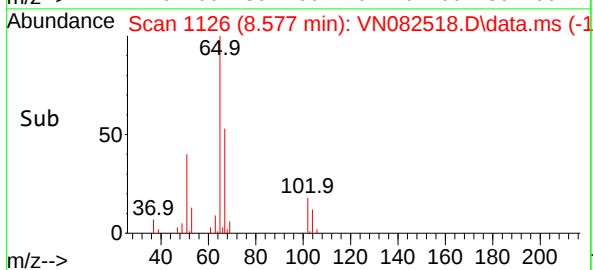
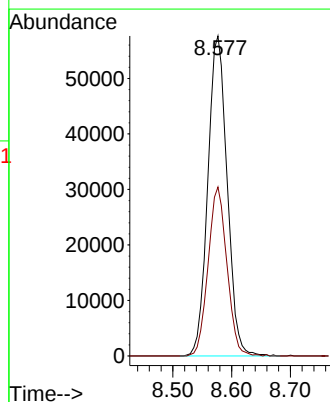
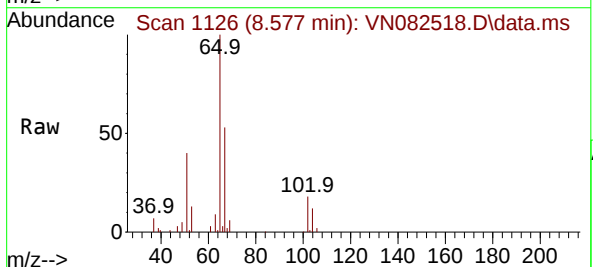
Instrument :  
MSVOA\_N  
ClientSampleId :  
P-01

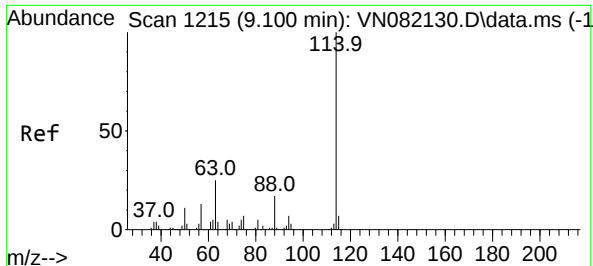
Tgt Ion:168 Resp: 155874  
Ion Ratio Lower Upper  
168 100  
99 63.7 48.2 72.4



#33  
1,2-Dichloroethane-d4  
Concen: 53.556 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN082518.D  
Acq: 10 Jun 2024 16:44

Tgt Ion: 65 Resp: 131817  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 103.0

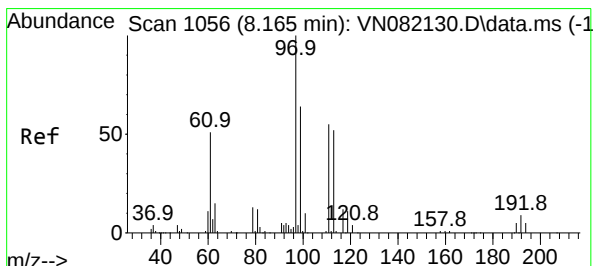
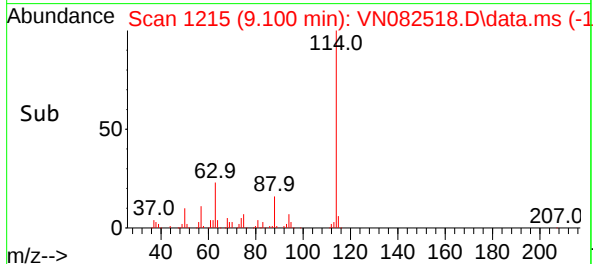
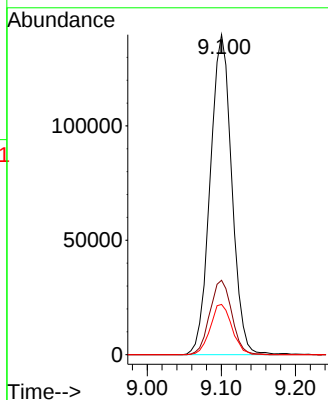
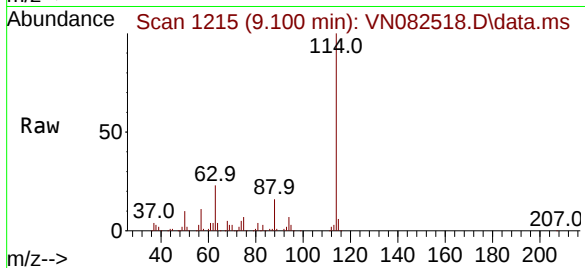




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082518.D  
Acq: 10 Jun 2024 16:44

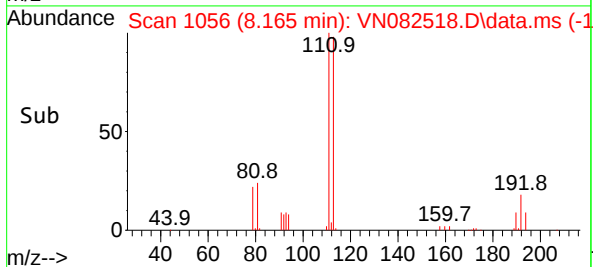
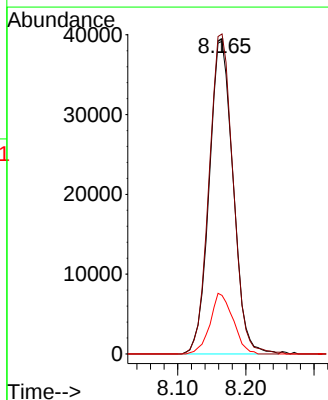
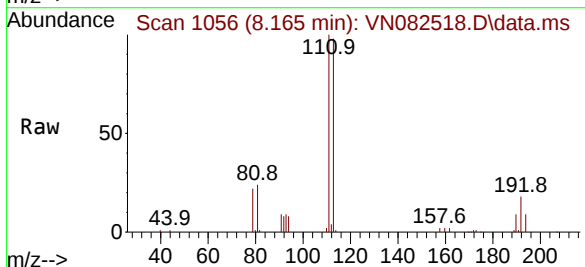
Instrument :  
MSVOA\_N  
ClientSampleId :  
P-01

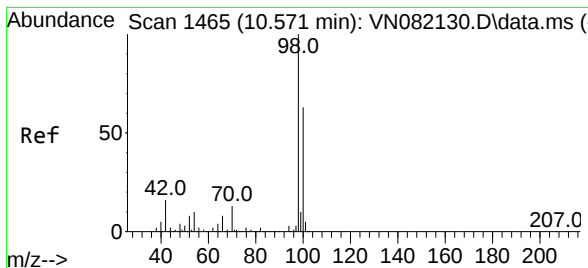
Tgt Ion:114 Resp: 282797  
Ion Ratio Lower Upper  
114 100  
63 23.2 0.0 41.0  
88 15.7 0.0 31.4



#35  
Dibromofluoromethane  
Concen: 55.095 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN082518.D  
Acq: 10 Jun 2024 16:44

Tgt Ion:113 Resp: 95845  
Ion Ratio Lower Upper  
113 100  
111 102.3 83.4 125.2  
192 18.6 14.0 21.0





#50

Toluene-d8

Concen: 54.413 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082518.D

Acq: 10 Jun 2024 16:44

Instrument :

MSVOA\_N

ClientSampleId :

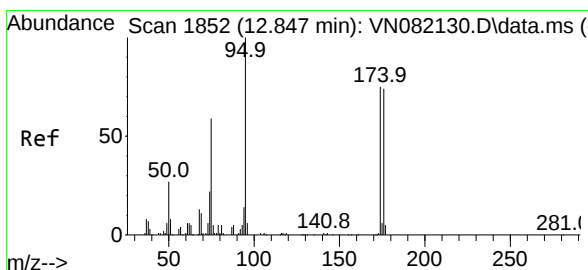
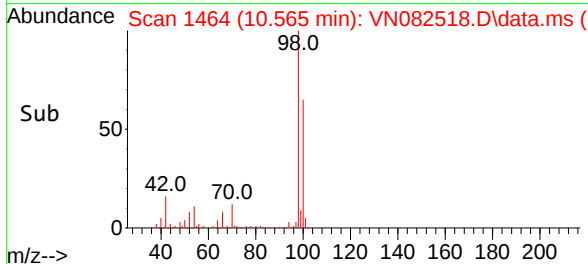
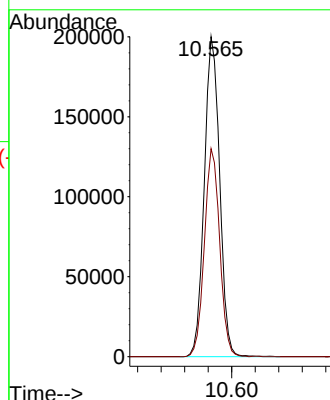
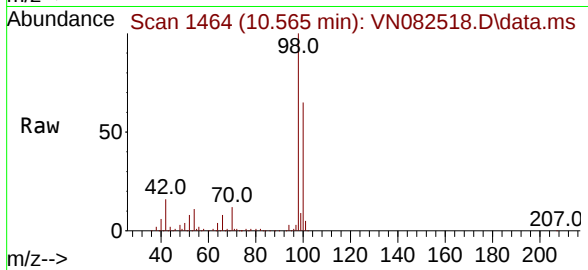
P-01

Tgt Ion: 98 Resp: 362914

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 54.215 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082518.D

Acq: 10 Jun 2024 16:44

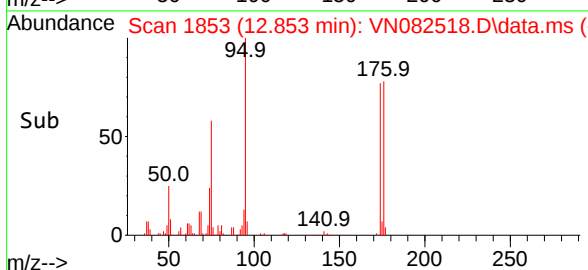
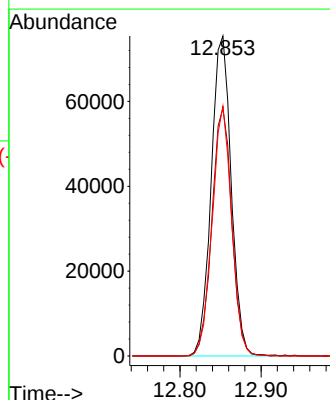
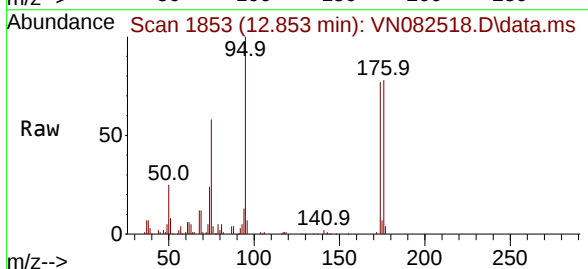
Tgt Ion: 95 Resp: 129062

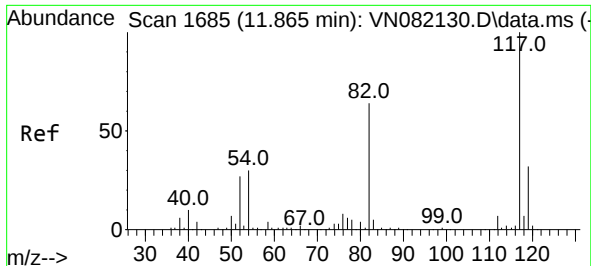
Ion Ratio Lower Upper

95 100

174 77.3 0.0 160.6

176 75.6 0.0 152.8

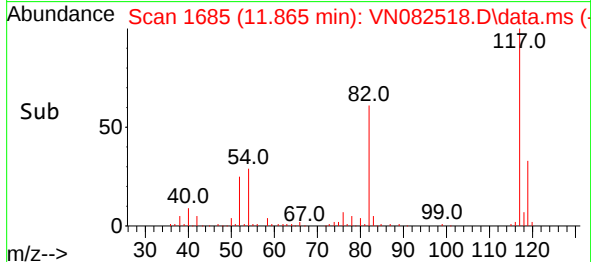
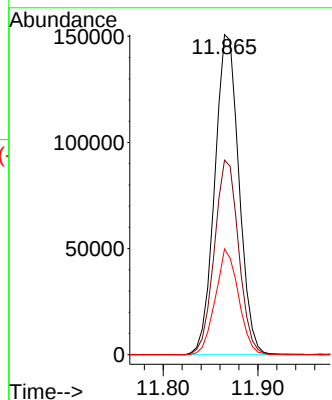
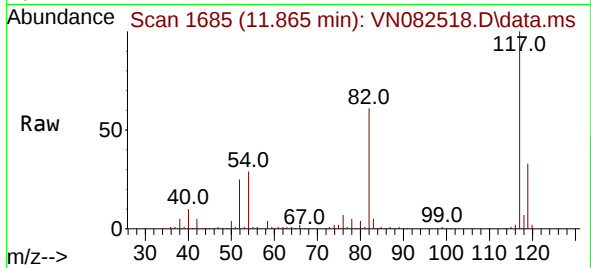




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN082518.D  
Acq: 10 Jun 2024 16:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
P-01

Tgt Ion:117 Resp: 268368  
Ion Ratio Lower Upper  
117 100  
82 60.8 44.6 66.8  
119 33.0 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: VN082518.D  
Acq: 10 Jun 2024 16:44

Tgt Ion:152 Resp: 128859  
Ion Ratio Lower Upper  
152 100  
115 60.6 30.4 91.3  
150 158.4 0.0 353.2

