

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052324\  
 Data File : VN082325.D  
 Acq On : 23 May 2024 16:43  
 Operator : JC\MD  
 Sample : P2561-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SY-7

Quant Time: May 24 04:21:06 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      | 8.230  | 168  | 205720   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 364568   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 350860   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 160278   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 165846   | 51.055   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 102.120% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 116683   | 52.029   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 104.060% |
| 50) Toluene-d8              | 10.571 | 98    | 463716   | 53.932   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 107.860% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 173830   | 56.643   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =    | 113.280% |

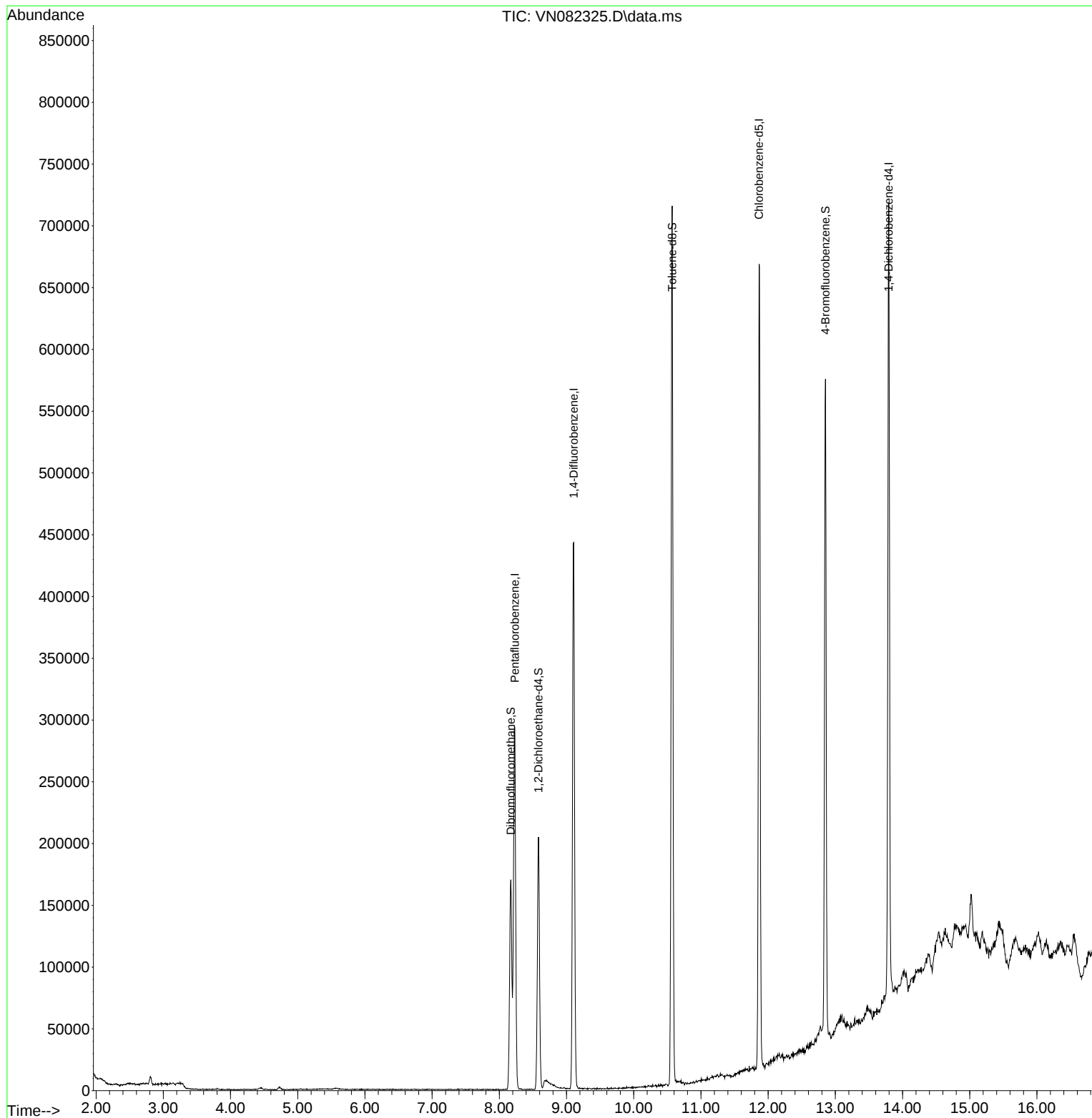
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

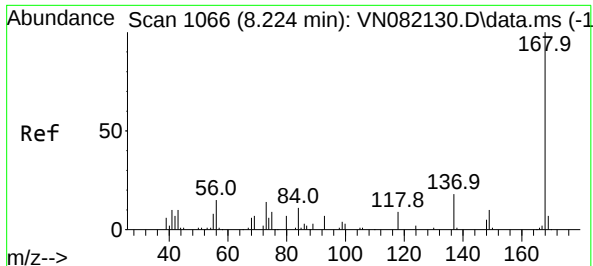
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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Quant Time: May 24 04:21:06 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

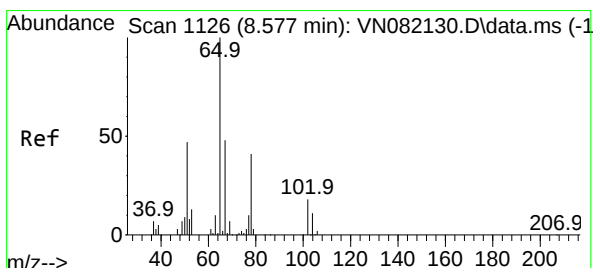
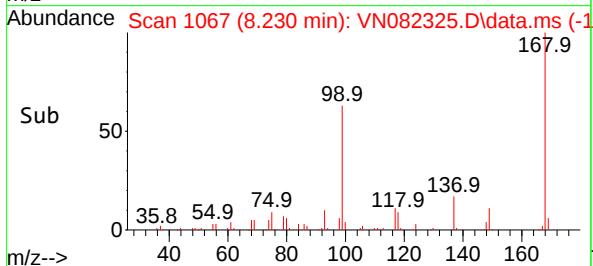
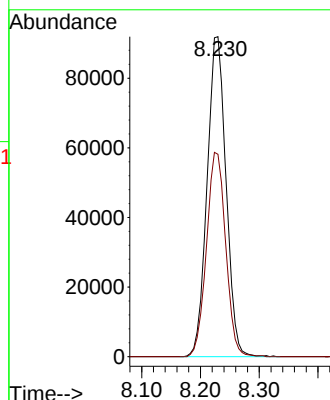
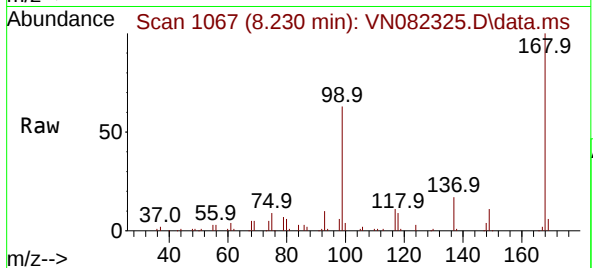




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN082325.D  
Acq: 23 May 2024 16:43

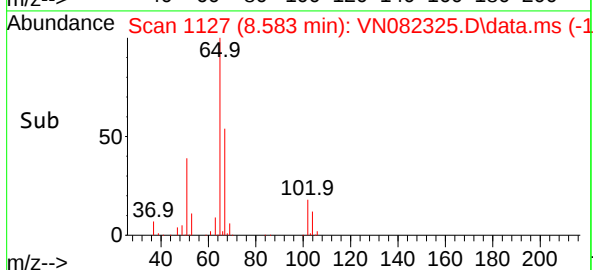
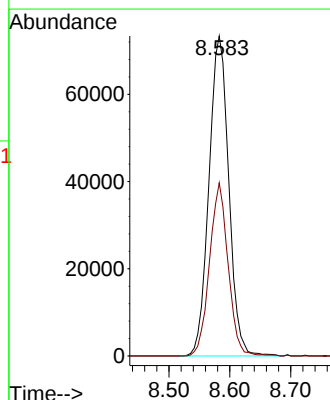
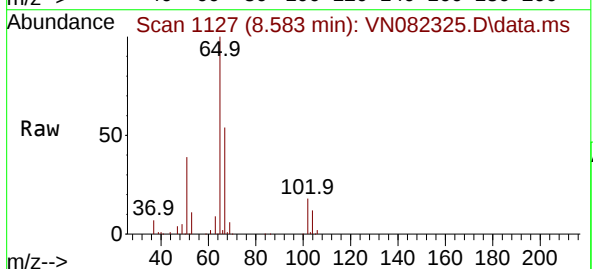
Instrument :  
MSVOA\_N  
ClientSampleId :  
SY-7

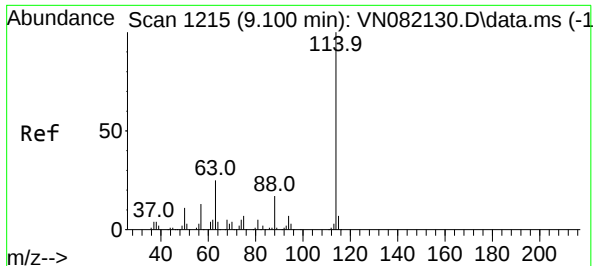
Tgt Ion:168 Resp: 205720  
Ion Ratio Lower Upper  
168 100  
99 63.3 48.2 72.4



#33  
1,2-Dichloroethane-d4  
Concen: 51.055 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN082325.D  
Acq: 23 May 2024 16:43

Tgt Ion: 65 Resp: 165846  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 103.0

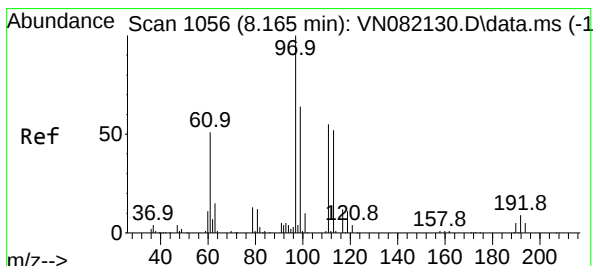
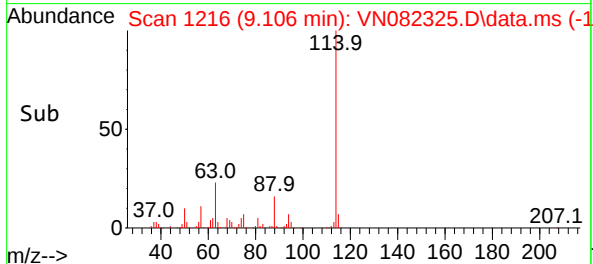
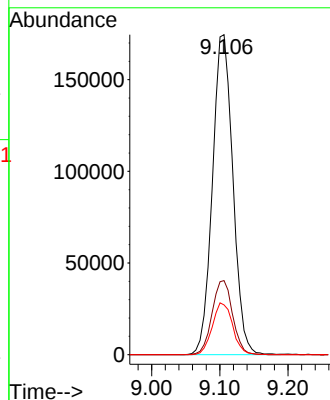
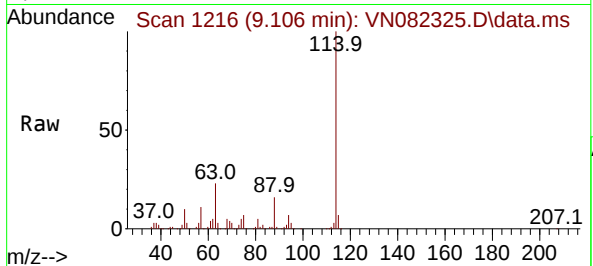




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN082325.D  
Acq: 23 May 2024 16:43

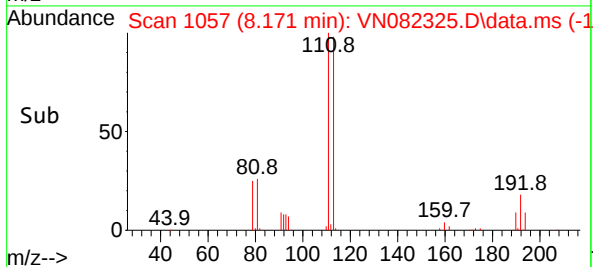
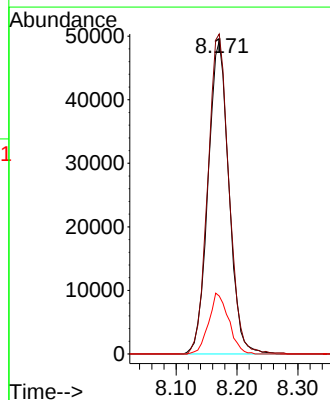
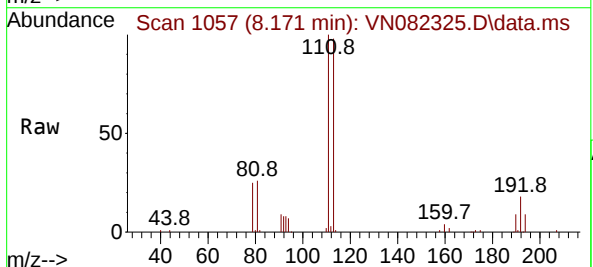
Instrument :  
MSVOA\_N  
ClientSampleId :  
SY-7

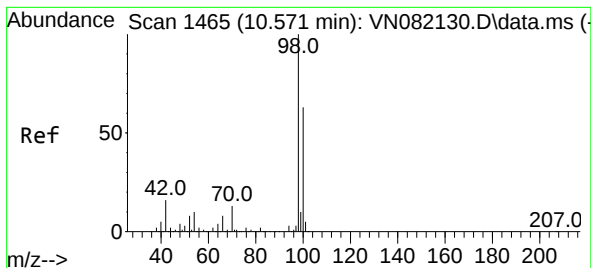
Tgt Ion:114 Resp: 364568  
Ion Ratio Lower Upper  
114 100  
63 23.2 0.0 41.0  
88 15.6 0.0 31.4



#35  
Dibromofluoromethane  
Concen: 52.029 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN082325.D  
Acq: 23 May 2024 16:43

Tgt Ion:113 Resp: 116683  
Ion Ratio Lower Upper  
113 100  
111 103.5 83.4 125.2  
192 18.7 14.0 21.0





#50

Toluene-d8

Concen: 53.932 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082325.D

Acq: 23 May 2024 16:43

Instrument :

MSVOA\_N

ClientSampleId :

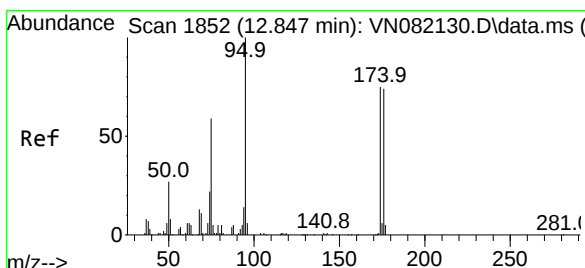
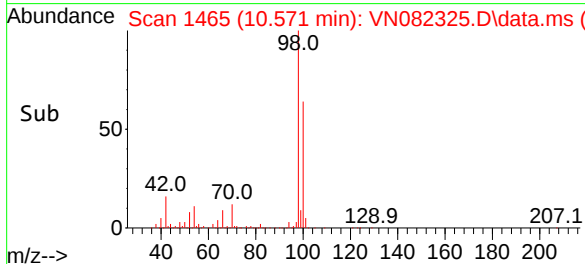
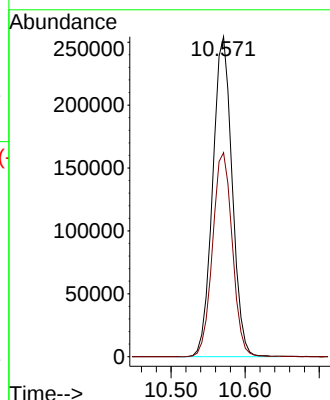
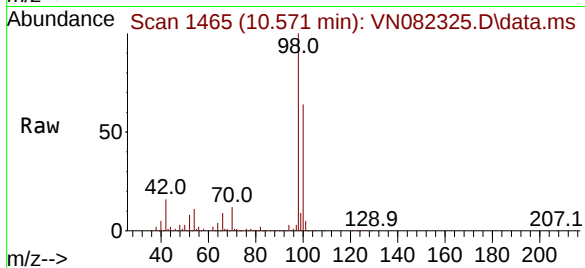
SY-7

Tgt Ion: 98 Resp: 463716

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 56.643 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082325.D

Acq: 23 May 2024 16:43

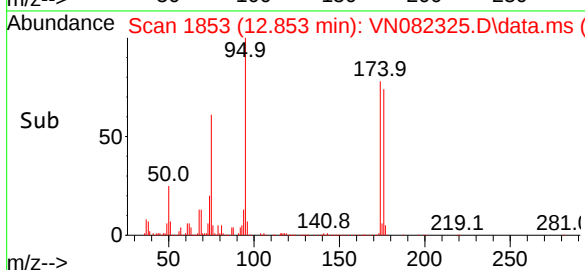
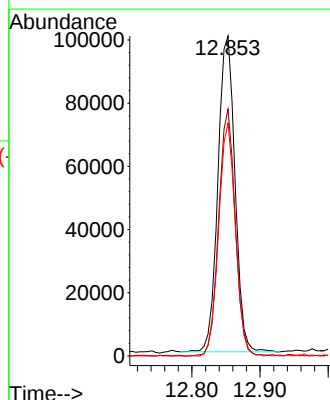
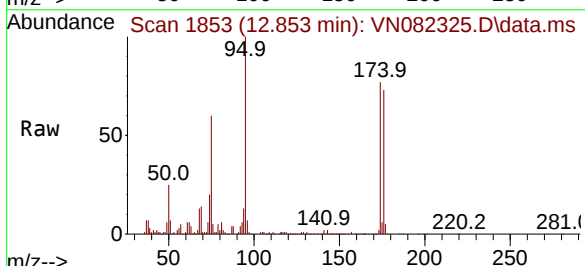
Tgt Ion: 95 Resp: 173830

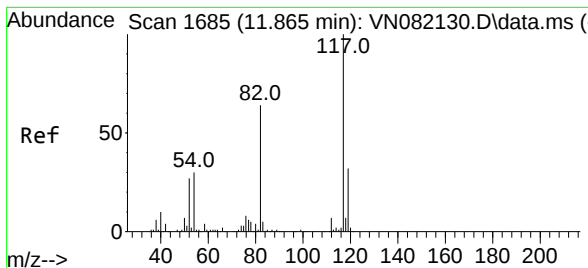
Ion Ratio Lower Upper

95 100

174 76.1 0.0 160.6

176 72.3 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: VN082325.D

Acq: 23 May 2024 16:43

Instrument :

MSVOA\_N

ClientSampleId :

SY-7

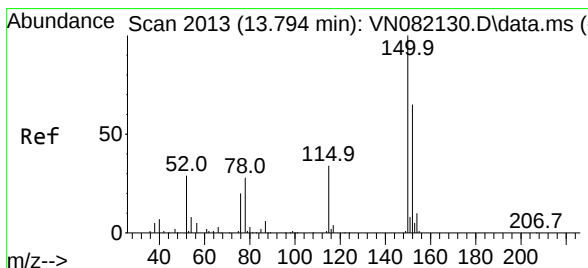
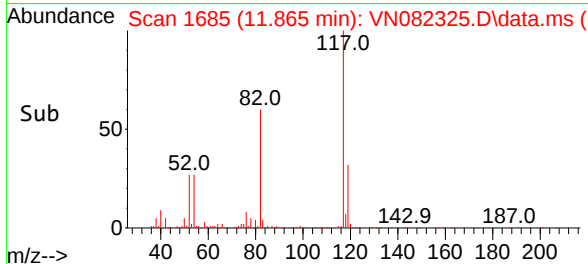
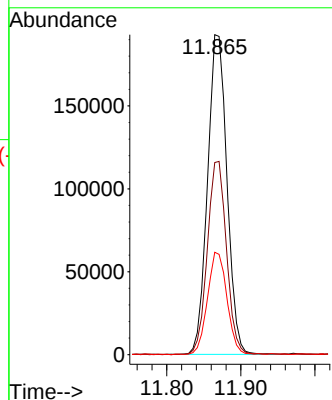
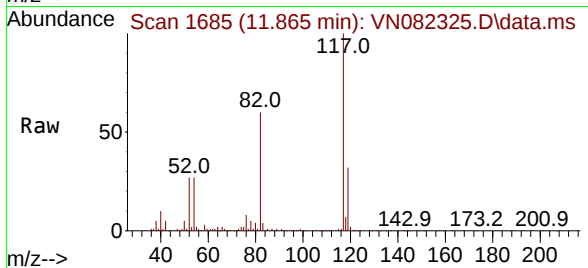
Tgt Ion:117 Resp: 350860

Ion Ratio Lower Upper

117 100

82 60.0 44.6 66.8

119 31.9 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: VN082325.D

Acq: 23 May 2024 16:43

Tgt Ion:152 Resp: 160278

Ion Ratio Lower Upper

152 100

115 60.1 30.4 91.3

150 157.2 0.0 353.2

