

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052423\  
 Data File : VN077882.D  
 Acq On : 25 May 2023 05:23  
 Operator : JC\MD  
 Sample : 02852-10 10X  
 Misc : 6.60g/5.0mL/100uL/5.0mL/MSVOA\_N/MEOH  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 CB-32-G3-SO-50.5-051823-FD

Quant Time: May 25 05:50:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 04:07:42 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 444181   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 811050   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 712500   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.800 | 152  | 239560   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 295703   | 44.493   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 88.980% |
| 35) Dibromofluoromethane    | 8.177  | 113   | 254943   | 48.205   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 96.400% |
| 50) Toluene-d8              | 10.571 | 98    | 1001936  | 49.219   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 98.440% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 309861   | 43.098   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 86.200% |

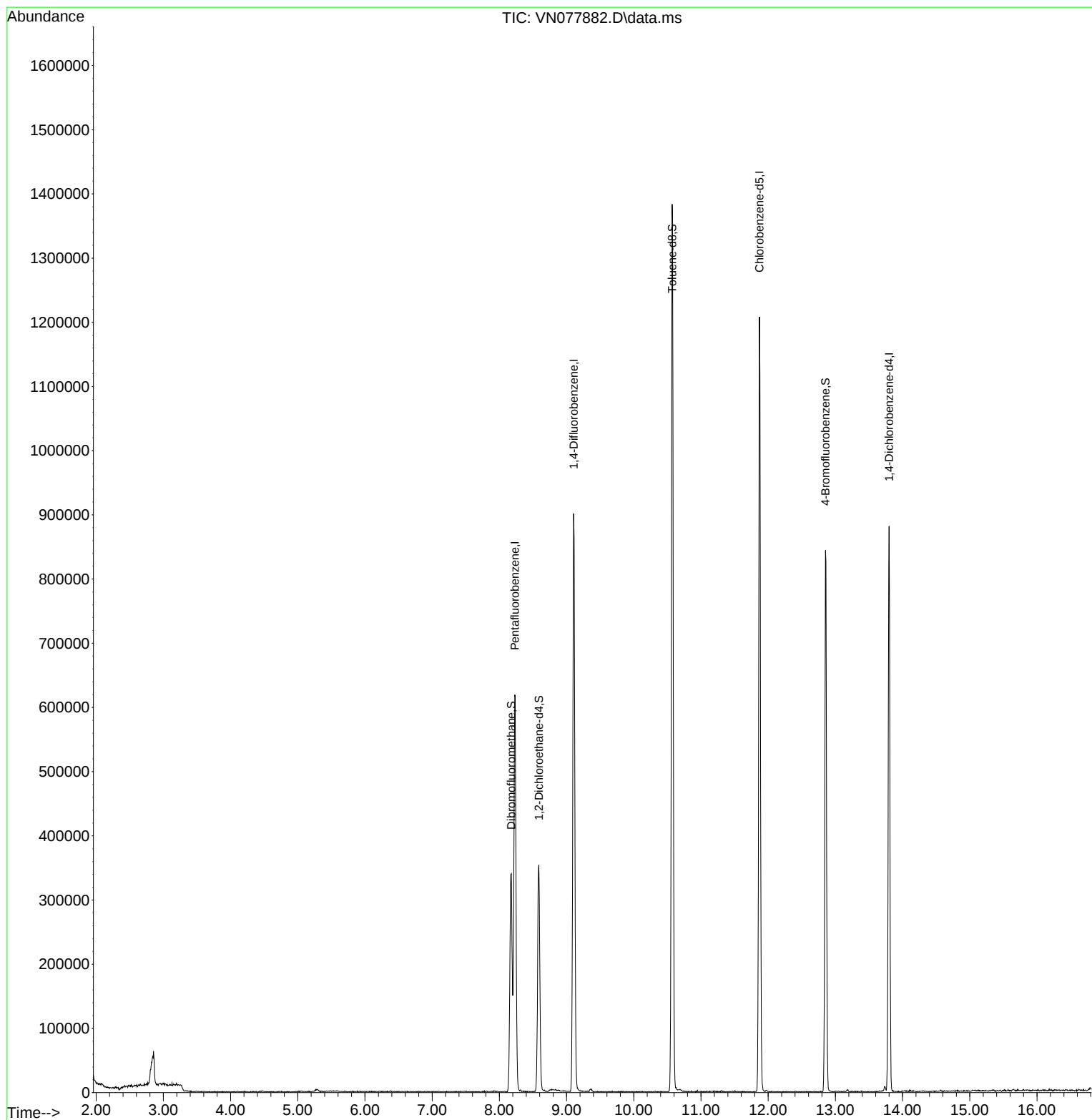
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

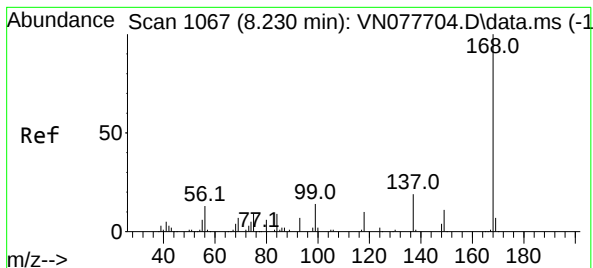
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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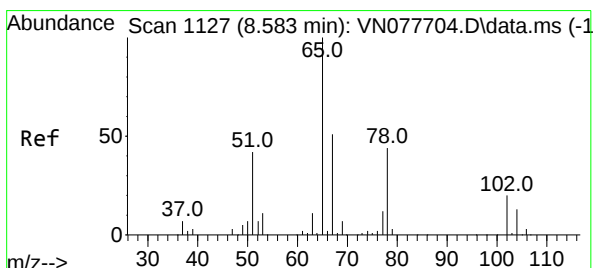
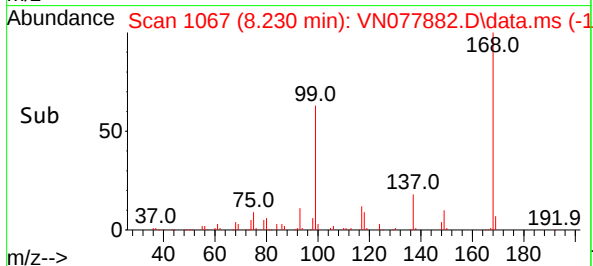
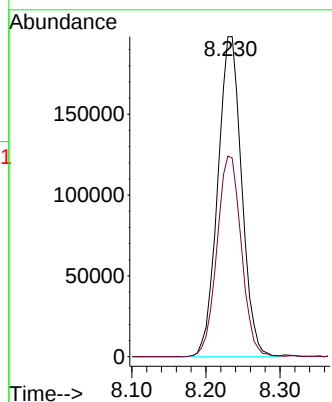
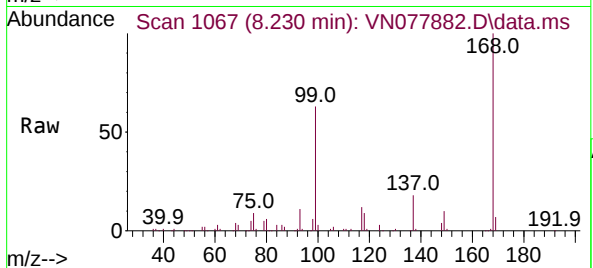




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN077882.D  
Acq: 25 May 2023 05:23

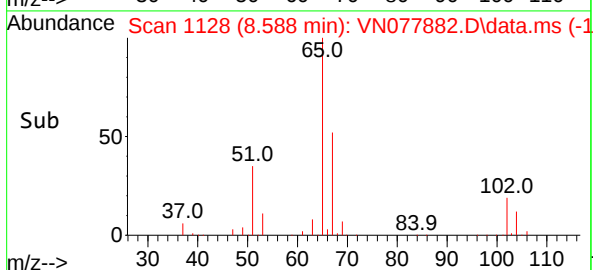
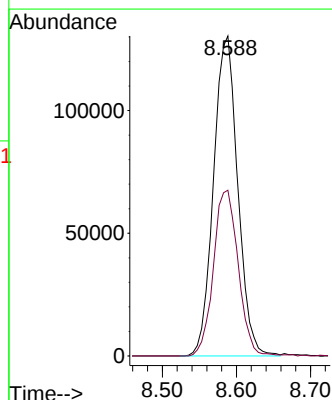
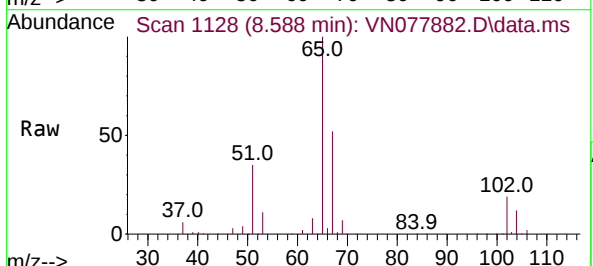
Instrument :  
MSVOA\_N  
ClientSampleId :  
CB-32-G3-SO-50.5-051823-FD

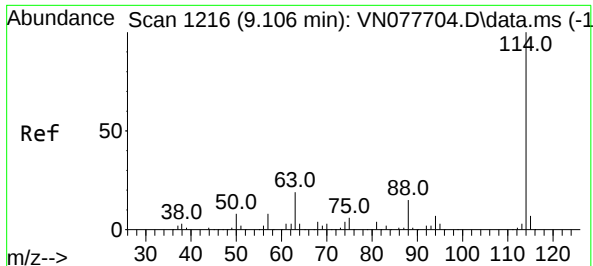
Tgt Ion:168 Resp: 444181  
Ion Ratio Lower Upper  
168 100  
99 62.7 53.0 79.6



#33  
1,2-Dichloroethane-d4  
Concen: 44.493 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. 0.006 min  
Lab File: VN077882.D  
Acq: 25 May 2023 05:23

Tgt Ion: 65 Resp: 295703  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077882.D

Acq: 25 May 2023 05:23

Instrument :

MSVOA\_N

ClientSampleId :

CB-32-G3-SO-50.5-051823-FD

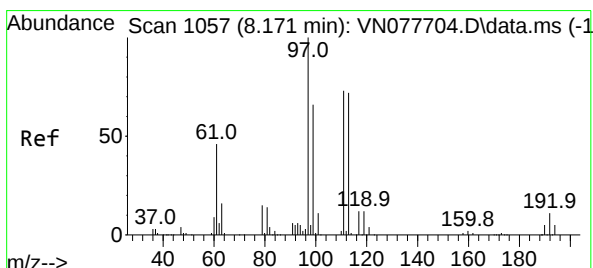
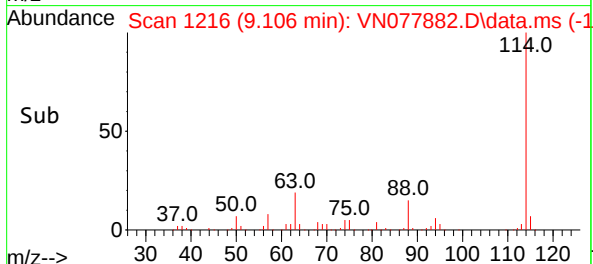
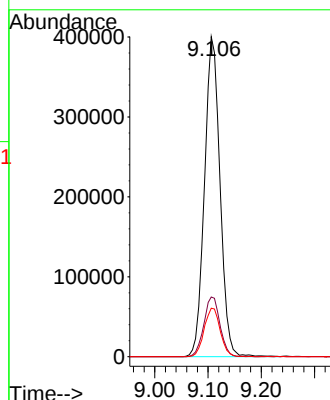
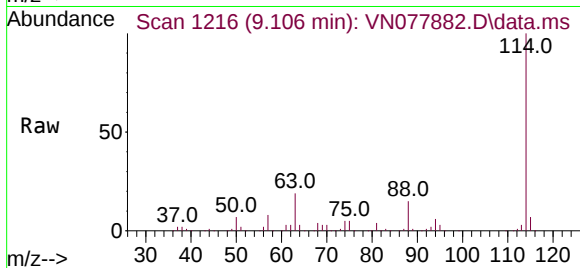
Tgt Ion:114 Resp: 811050

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.205 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077882.D

Acq: 25 May 2023 05:23

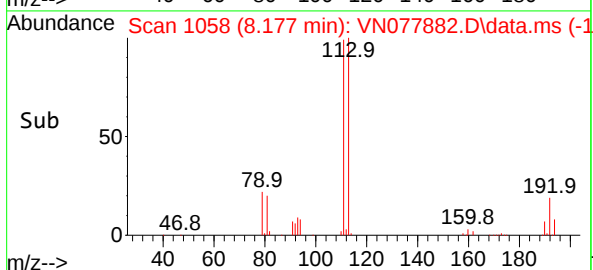
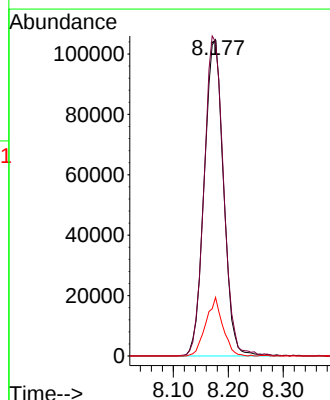
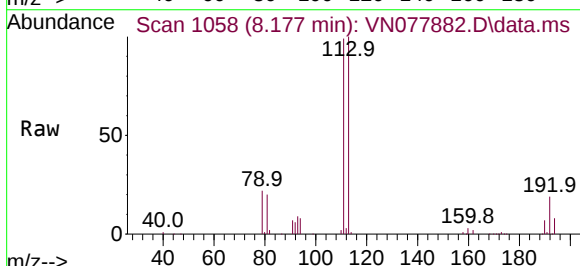
Tgt Ion:113 Resp: 254943

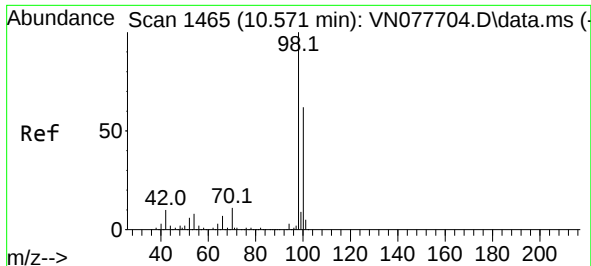
Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 16.3 12.7 19.1

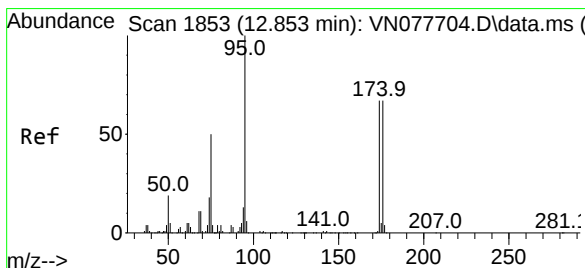
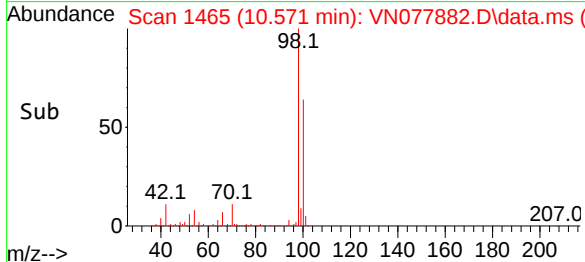
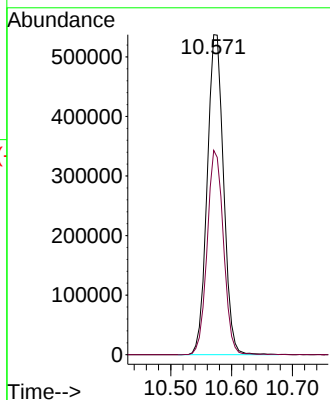
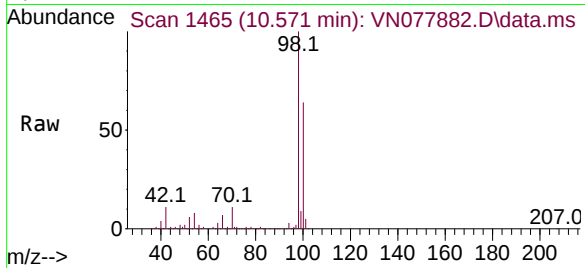




#50  
Toluene-d8  
Concen: 49.219 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN077882.D  
Acq: 25 May 2023 05:23

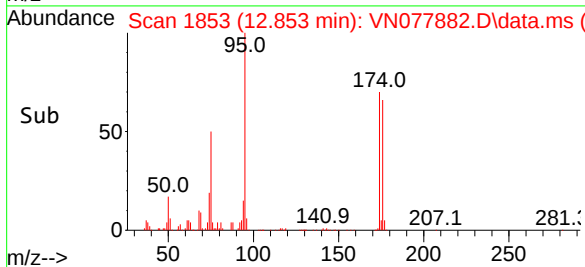
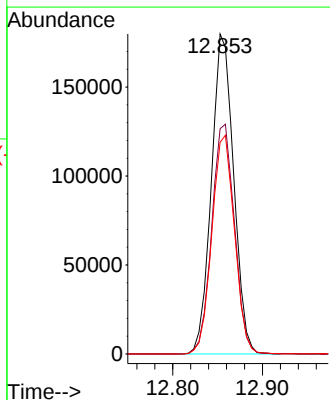
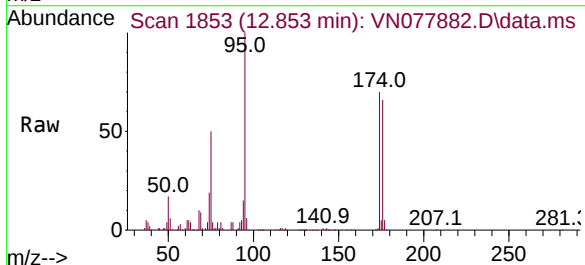
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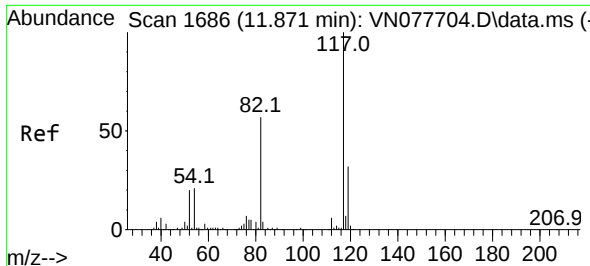
Tgt Ion: 98 Resp: 1001936  
Ion Ratio Lower Upper  
98 100  
100 63.6 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 43.098 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN077882.D  
Acq: 25 May 2023 05:23

Tgt Ion: 95 Resp: 309861  
Ion Ratio Lower Upper  
95 100  
174 73.2 0.0 143.8  
176 69.5 0.0 135.8

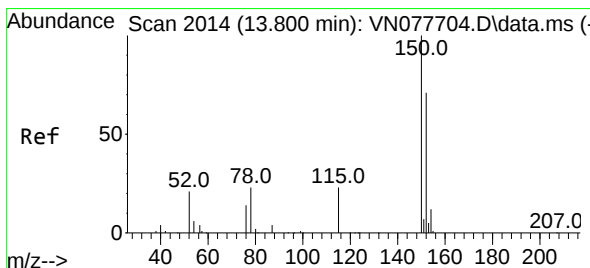
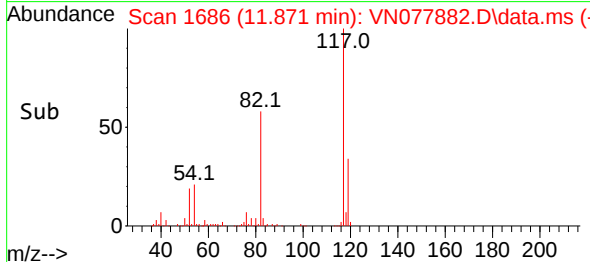
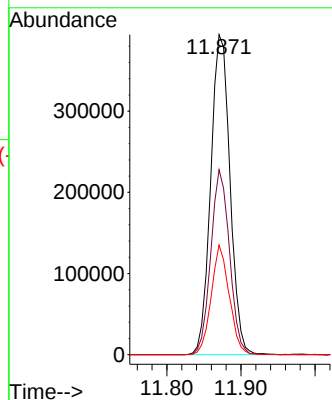
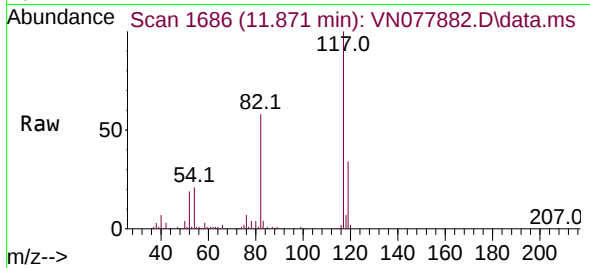




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. 0.001 min  
Lab File: VN077882.D  
Acq: 25 May 2023 05:23

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:117 Resp: 712500  
Ion Ratio Lower Upper  
117 100  
82 57.8 44.0 66.0  
119 34.2 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.800 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: VN077882.D  
Acq: 25 May 2023 05:23

Tgt Ion:152 Resp: 239560  
Ion Ratio Lower Upper  
152 100  
115 61.5 32.3 96.8  
150 158.0 0.0 355.8

