

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030723\  
 Data File : VN076864.D  
 Acq On : 07 Mar 2023 11:07  
 Operator : JC\MD  
 Sample : VN0307MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0307MBL01

Quant Time: Mar 07 22:39:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 07 08:45:33 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 569153   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.107  | 114  | 987695   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.866 | 117  | 853765   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.795 | 152  | 330120   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 382465   | 47.930   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 95.860% |
| 35) Dibromofluoromethane    | 8.172  | 113   | 300251   | 48.594   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 97.180% |
| 50) Toluene-d8              | 10.572 | 98    | 1181755  | 49.643   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 99.280% |
| 62) 4-Bromofluorobenzene    | 12.854 | 95    | 387496   | 46.976   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 93.960% |

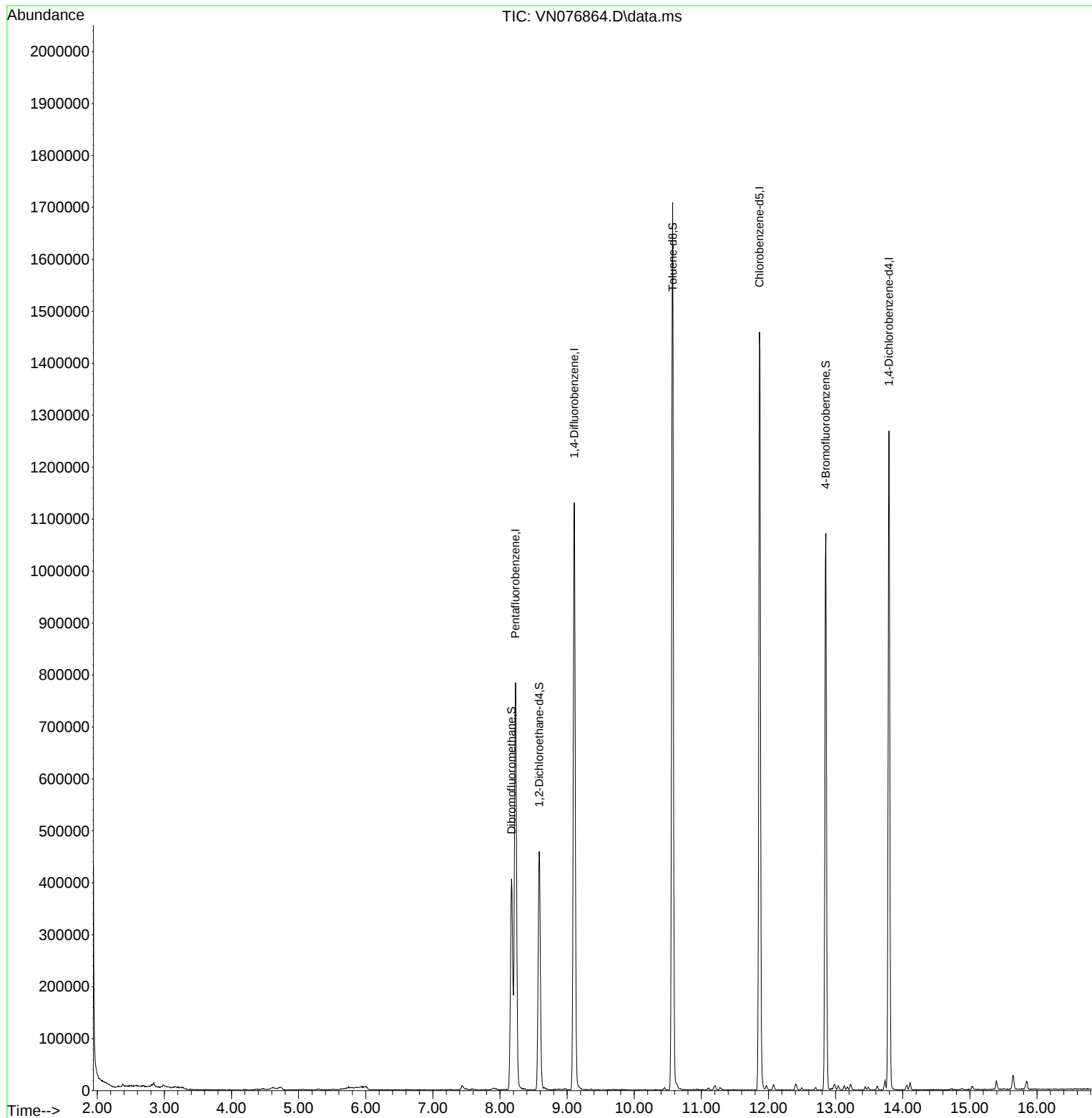
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

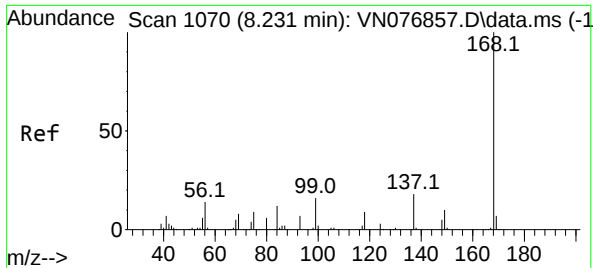
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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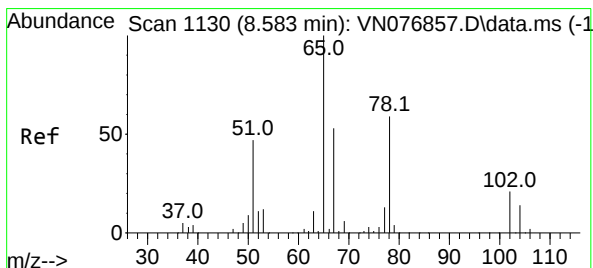
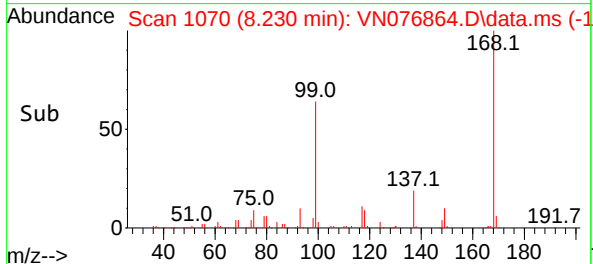
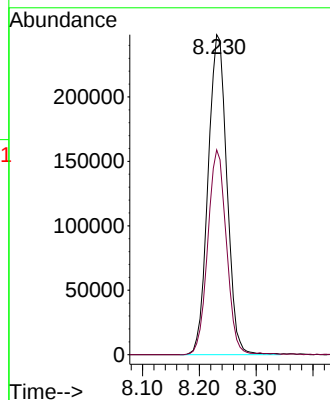
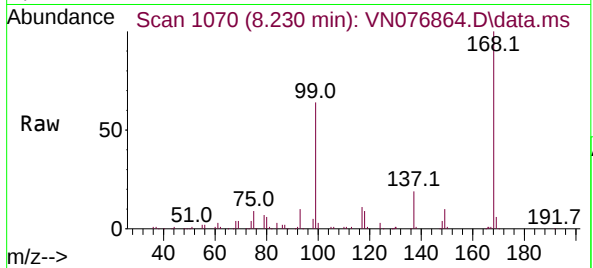




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1107  
Delta R.T. -0.001 min  
Lab File: VN076864.D  
Acq: 07 Mar 2023 11:07

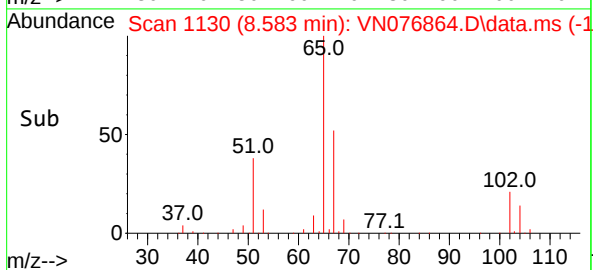
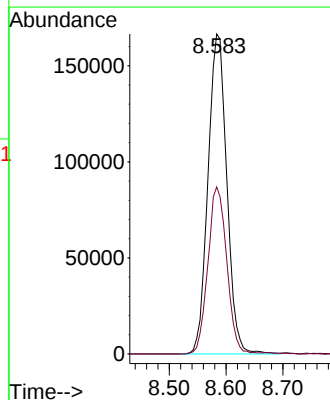
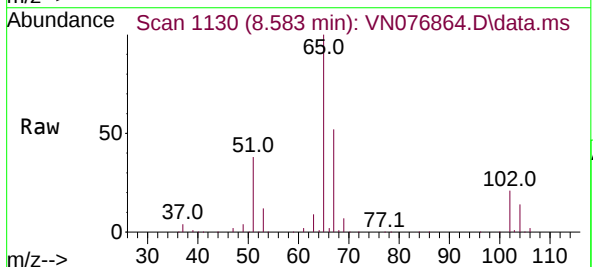
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0307MBL01

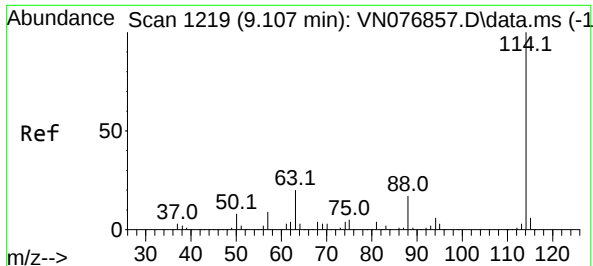
Tgt Ion:168 Resp: 569153  
Ion Ratio Lower Upper  
168 100  
99 64.0 48.6 73.0



#33  
1,2-Dichloroethane-d4  
Concen: 47.930 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN076864.D  
Acq: 07 Mar 2023 11:07

Tgt Ion: 65 Resp: 382465  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076864.D

Acq: 07 Mar 2023 11:07

Instrument :

MSVOA\_N

ClientSampleId :

VN0307MBL01

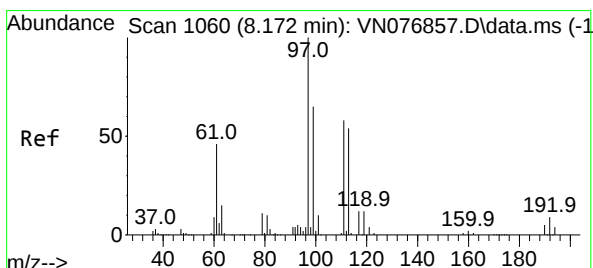
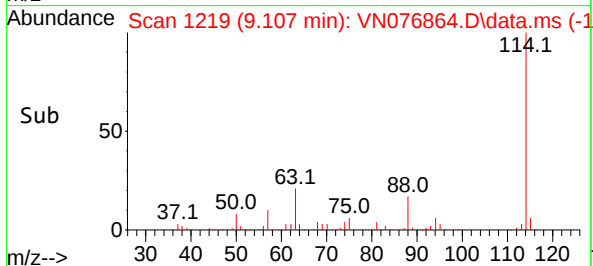
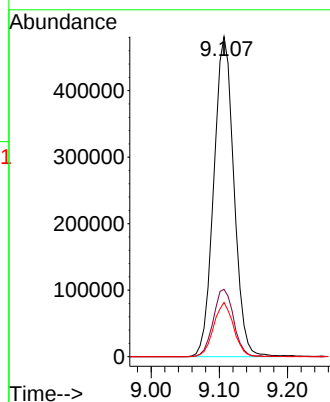
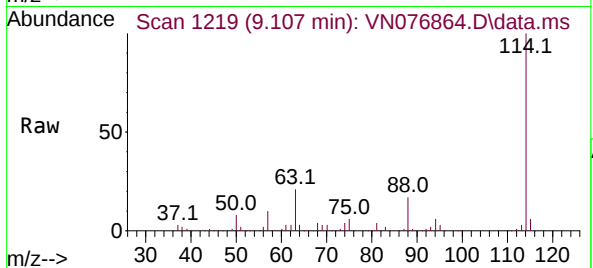
Tgt Ion:114 Resp: 987695

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.6

88 17.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.594 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076864.D

Acq: 07 Mar 2023 11:07

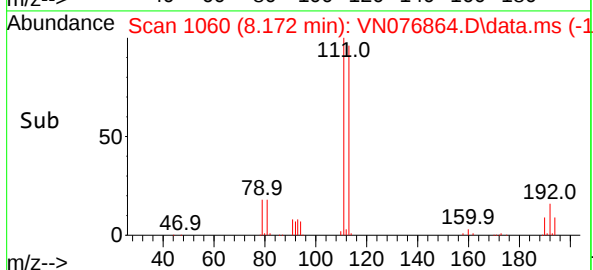
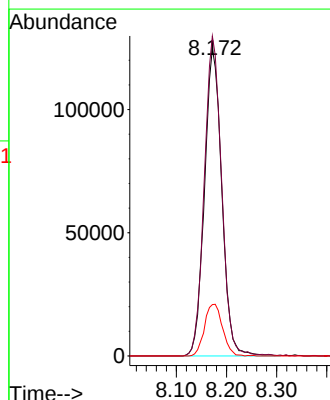
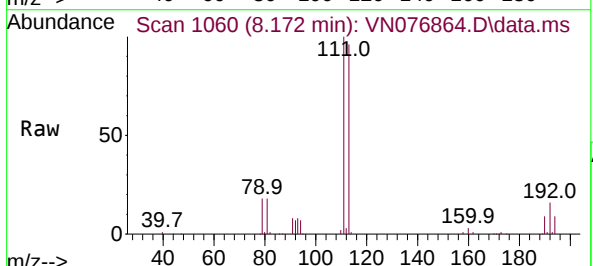
Tgt Ion:113 Resp: 300251

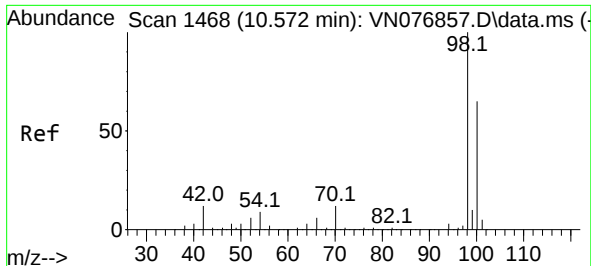
Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

192 17.5 13.9 20.9

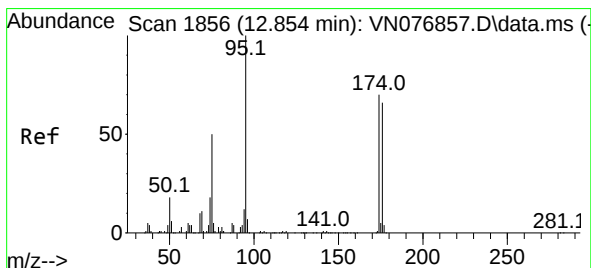
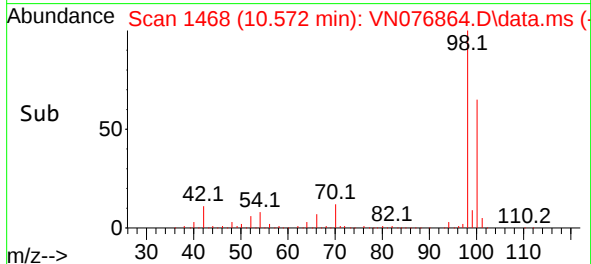
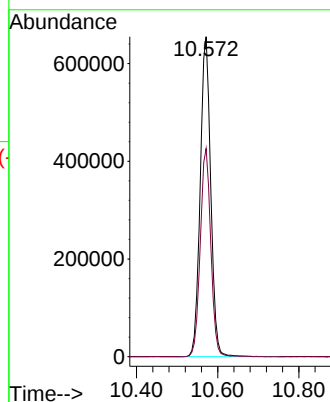
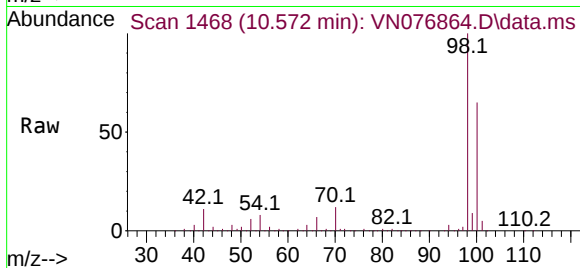




#50  
Toluene-d8  
Concen: 49.643 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VN076864.D  
Acq: 07 Mar 2023 11:07

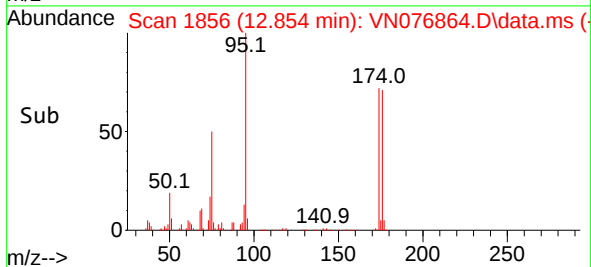
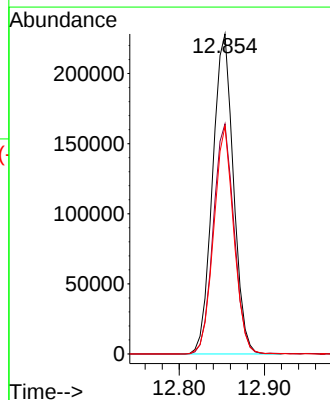
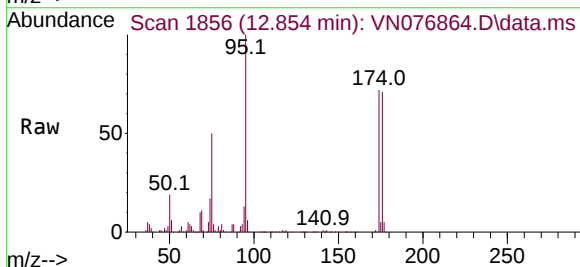
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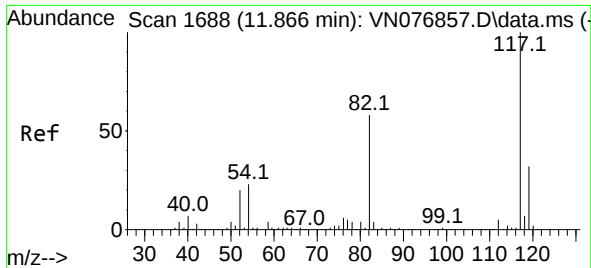
Tgt Ion: 98 Resp: 1181755  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.8 79.2



#62  
4-Bromofluorobenzene  
Concen: 46.976 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. -0.000 min  
Lab File: VN076864.D  
Acq: 07 Mar 2023 11:07

Tgt Ion: 95 Resp: 387496  
Ion Ratio Lower Upper  
95 100  
174 71.7 0.0 162.4  
176 68.5 0.0 157.4

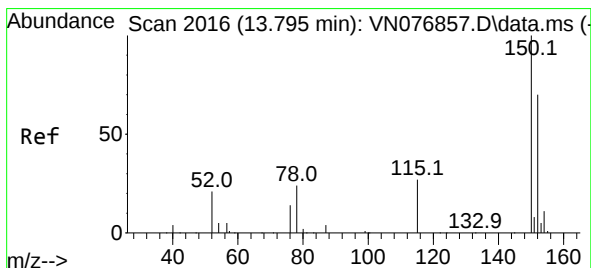
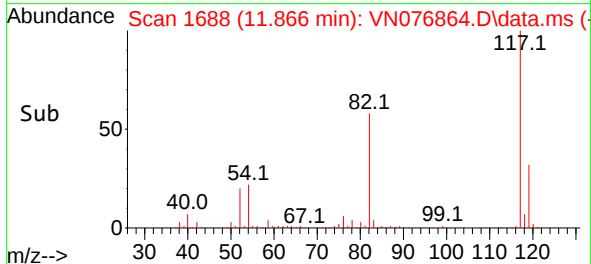
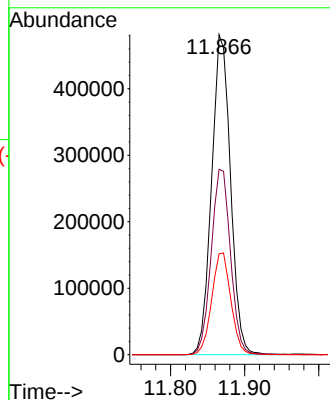
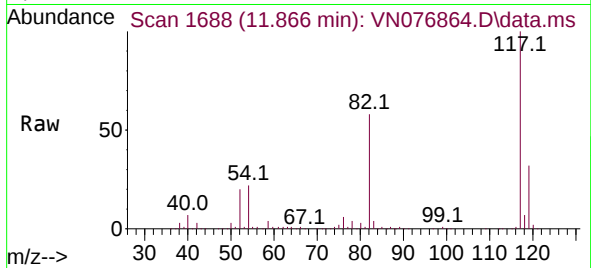




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076864.D  
Acq: 07 Mar 2023 11:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0307MBL01

Tgt Ion:117 Resp: 853765  
Ion Ratio Lower Upper  
117 100  
82 58.0 43.5 65.3  
119 31.5 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN076864.D  
Acq: 07 Mar 2023 11:07

Tgt Ion:152 Resp: 330120  
Ion Ratio Lower Upper  
152 100  
115 64.3 30.3 90.9  
150 159.9 0.0 353.6

