

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN12222\  
 Data File : VN075941.D  
 Acq On : 22 Dec 2022 13:39  
 Operator : JC\MD  
 Sample : N6182-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 GWOW-BR-04-185-206-122122

Quant Time: Dec 23 04:01:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

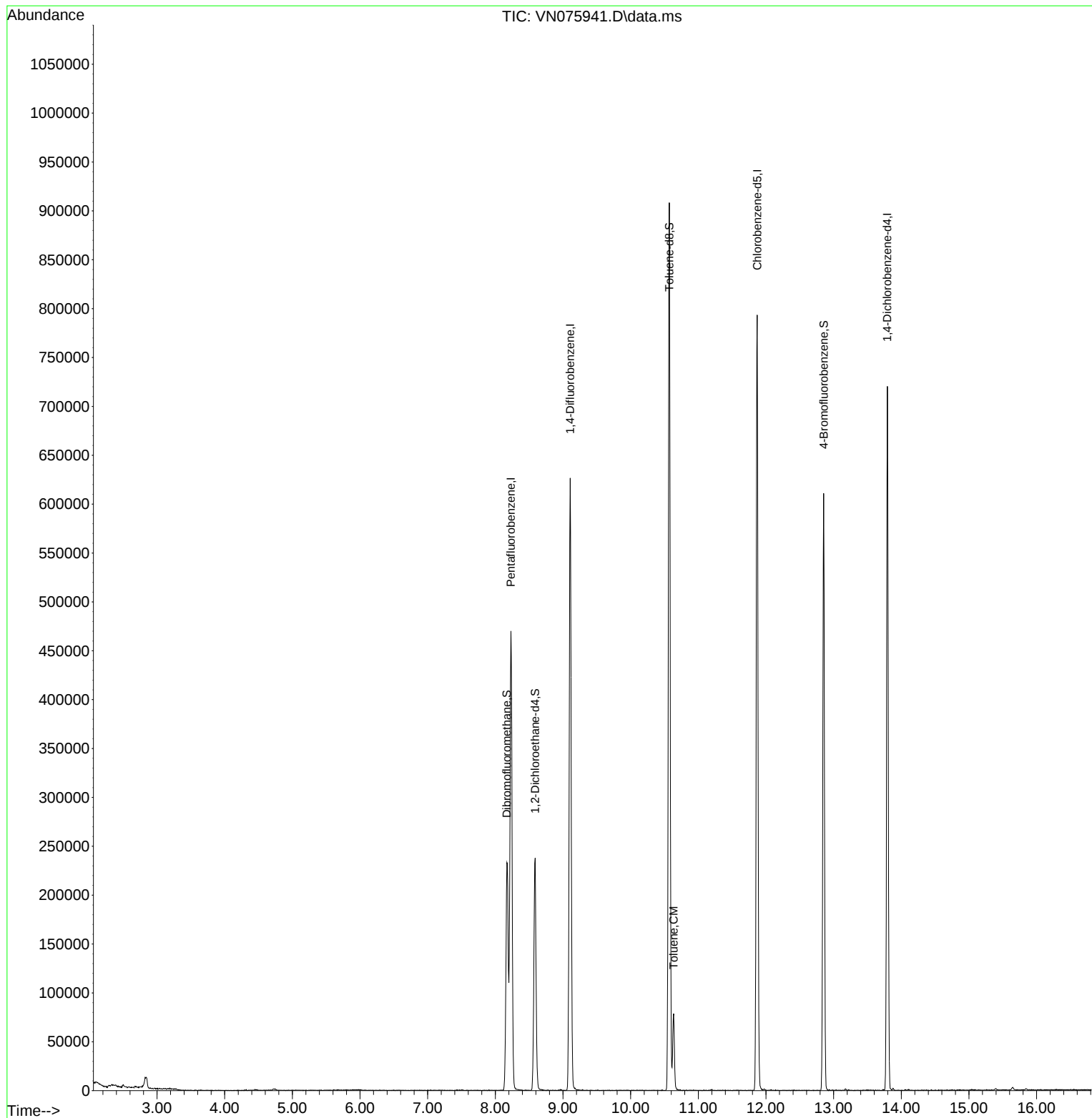
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 8.229  | 168   | 364252   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 570256   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.870 | 117   | 490742   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 200758   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 189664   | 47.862   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 95.720%   |
| 35) Dibromofluoromethane    | 8.171  | 113   | 172225   | 48.768   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 97.540%   |
| 50) Toluene-d8              | 10.570 | 98    | 649487   | 49.189   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 98.380%   |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 203790   | 46.599   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 93.200%   |
| Target Compounds            |        |       |          |          |       |           |
| 52) Toluene                 | 10.635 | 92    | 34268    | 3.635    | ug/l  | Qvalue 97 |
| -----                       |        |       |          |          |       |           |

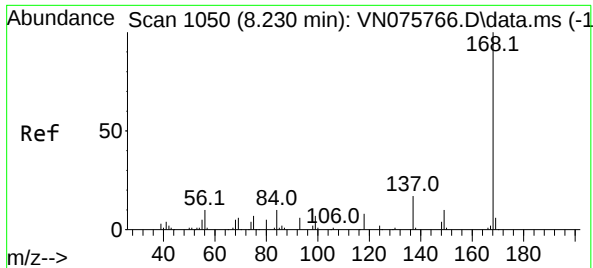
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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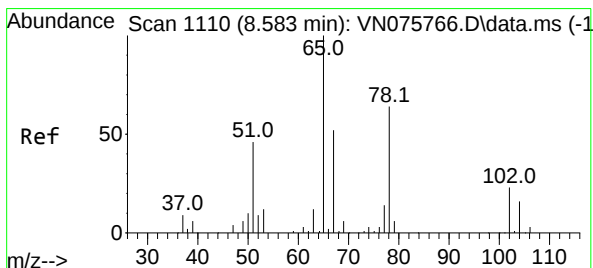
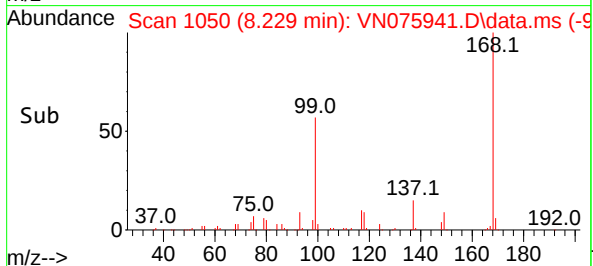
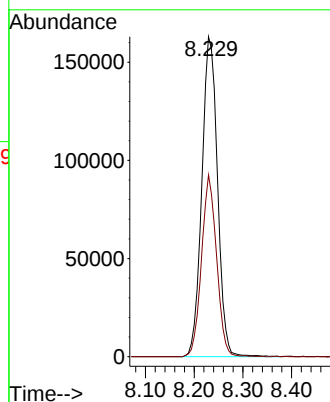
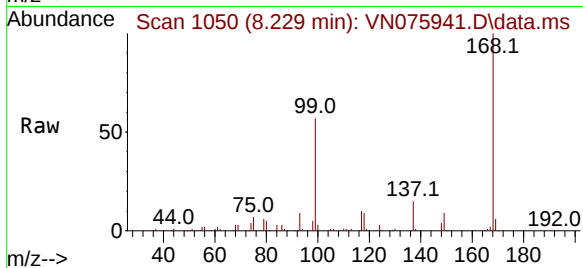




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1050  
Delta R.T. -0.001 min  
Lab File: VN075941.D  
Acq: 22 Dec 2022 13:39

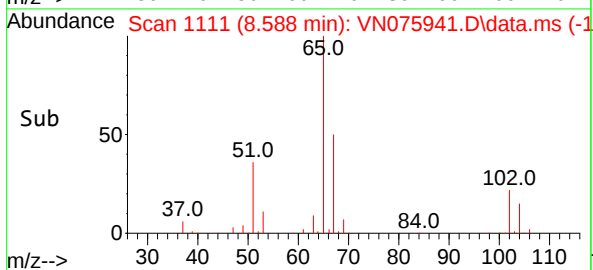
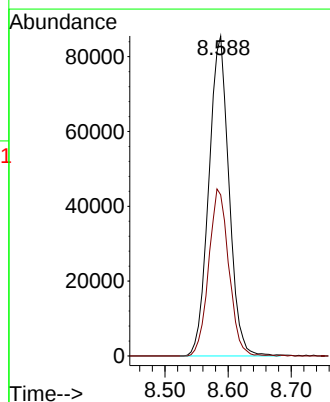
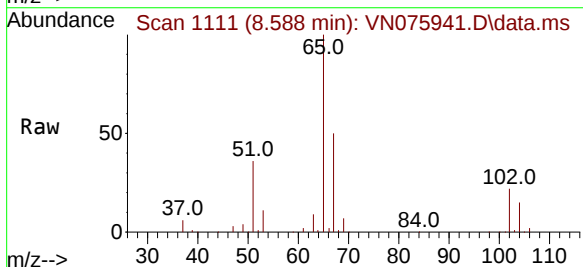
Instrument :  
MSVOA\_N  
ClientSampleId :  
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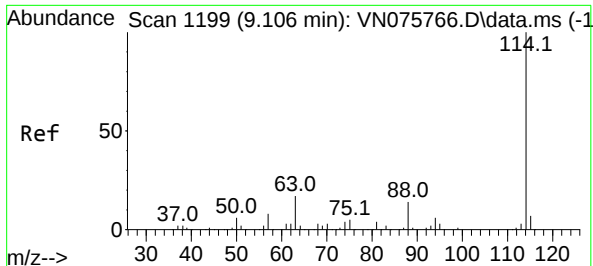
Tgt Ion:168 Resp: 364252  
Ion Ratio Lower Upper  
168 100  
99 56.8 44.2 66.4



#33  
1,2-Dichloroethane-d4  
Concen: 47.862 ug/l  
RT: 8.588 min Scan# 1111  
Delta R.T. 0.006 min  
Lab File: VN075941.D  
Acq: 22 Dec 2022 13:39

Tgt Ion: 65 Resp: 189664  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075941.D

Acq: 22 Dec 2022 13:39

Instrument :

MSVOA\_N

ClientSampleId :

GWOW-BR-04-185-206-122122

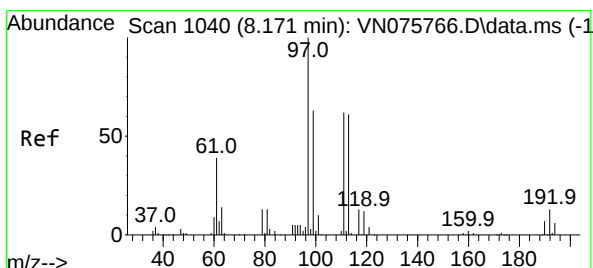
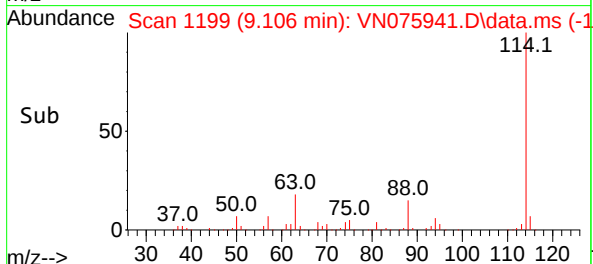
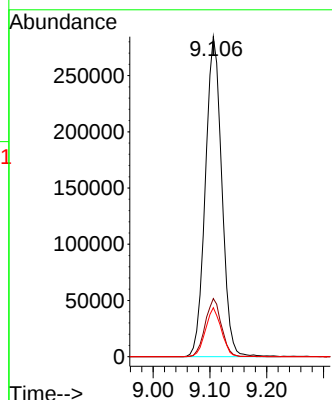
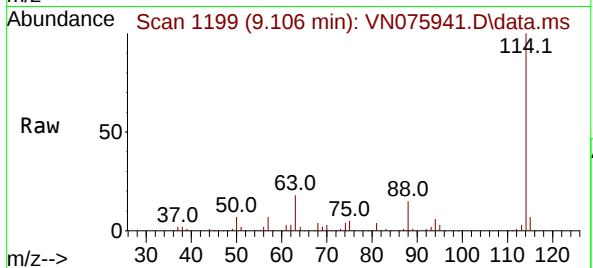
Tgt Ion:114 Resp: 570256

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.4

88 15.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.768 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075941.D

Acq: 22 Dec 2022 13:39

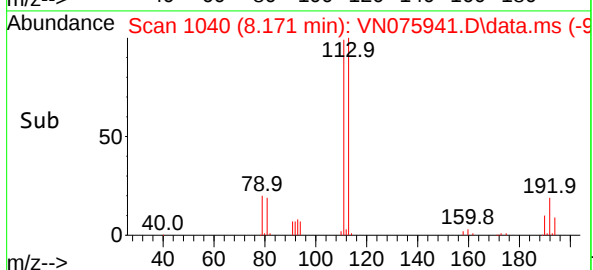
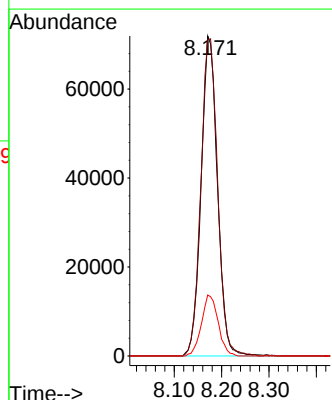
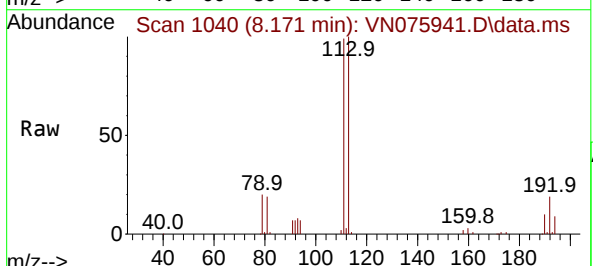
Tgt Ion:113 Resp: 172225

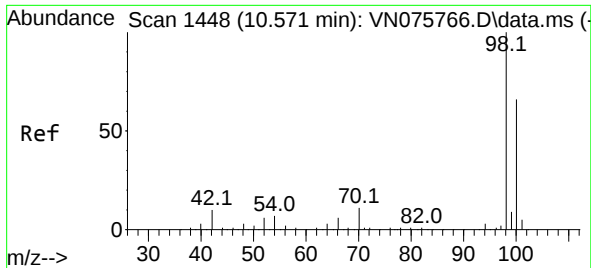
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 19.4 16.1 24.1

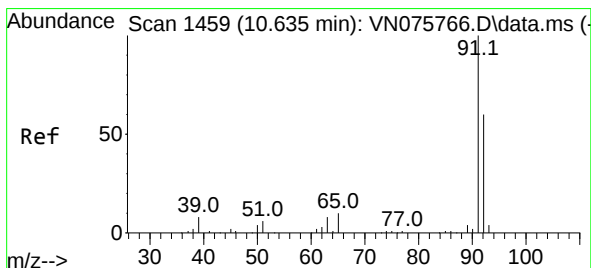
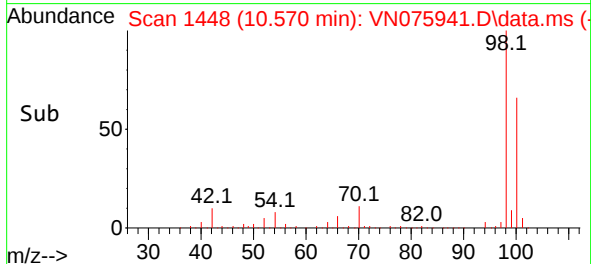
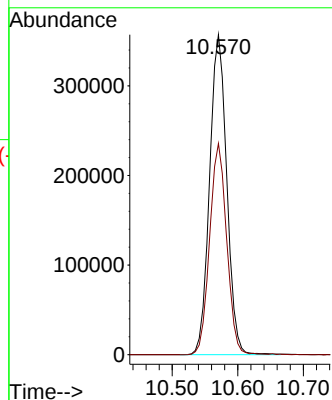
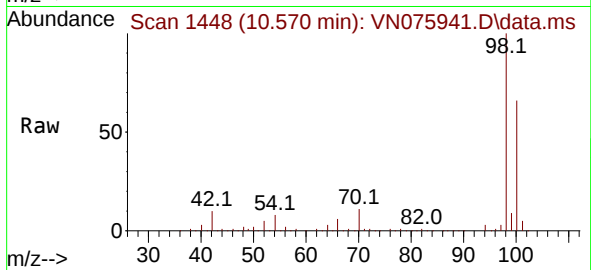




#50  
Toluene-d8  
Concen: 49.189 ug/l  
RT: 10.570 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN075941.D  
Acq: 22 Dec 2022 13:39

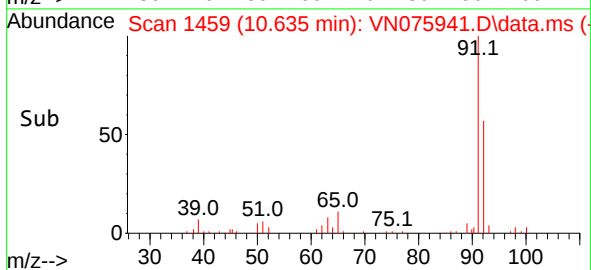
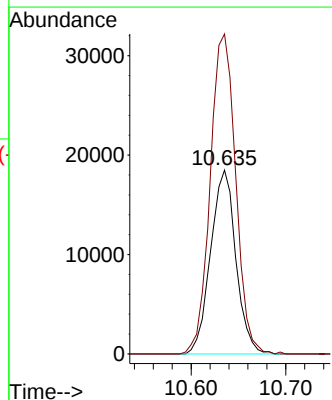
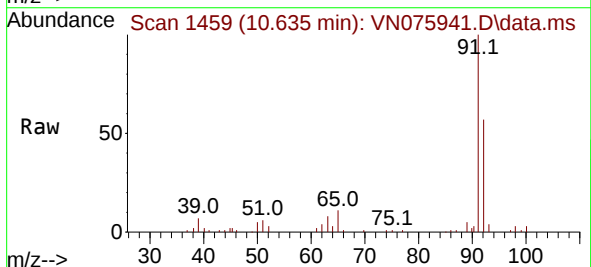
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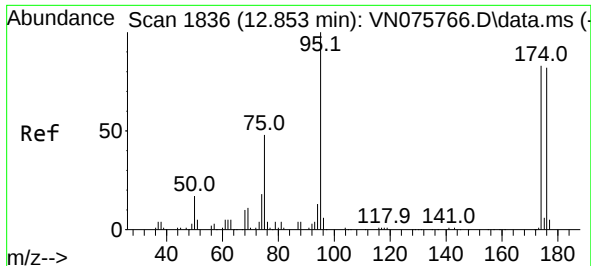
Tgt Ion: 98 Resp: 649487  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.1 78.1



#52  
Toluene  
Concen: 3.635 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: VN075941.D  
Acq: 22 Dec 2022 13:39

Tgt Ion: 92 Resp: 34268  
Ion Ratio Lower Upper  
92 100  
91 175.6 137.3 205.9





#62

4-Bromofluorobenzene

Concen: 46.599 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075941.D

Acq: 22 Dec 2022 13:39

Instrument :

MSVOA\_N

ClientSampleId :

GWOW-BR-04-185-206-122122

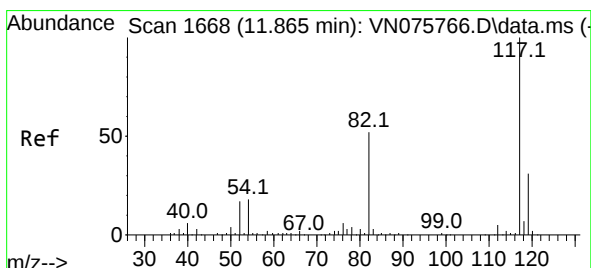
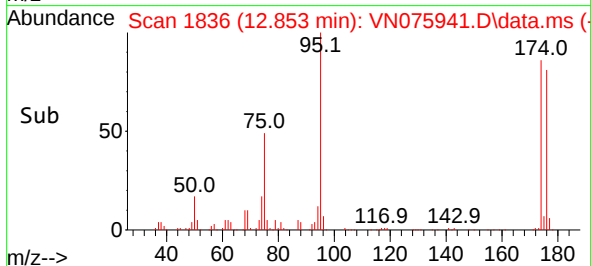
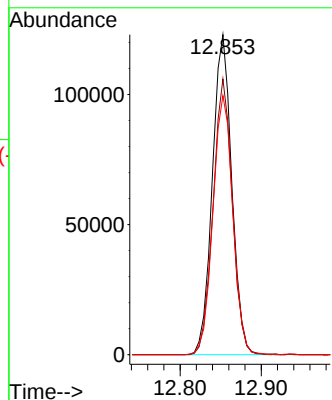
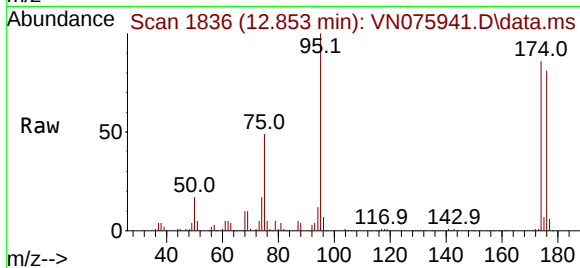
Tgt Ion: 95 Resp: 203790

Ion Ratio Lower Upper

95 100

174 85.8 0.0 171.6

176 82.9 0.0 169.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN075941.D

Acq: 22 Dec 2022 13:39

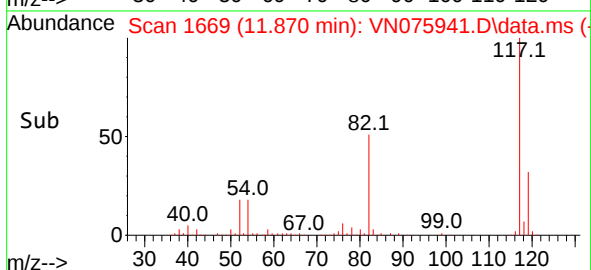
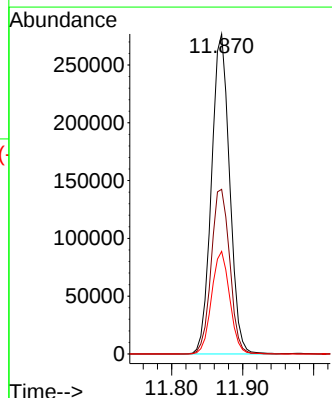
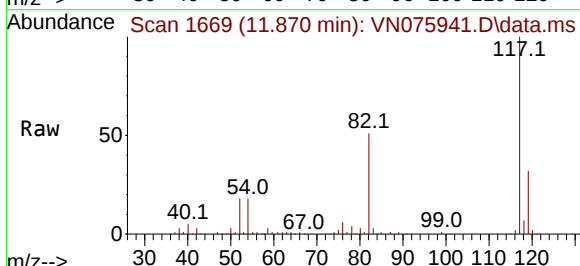
Tgt Ion: 117 Resp: 490742

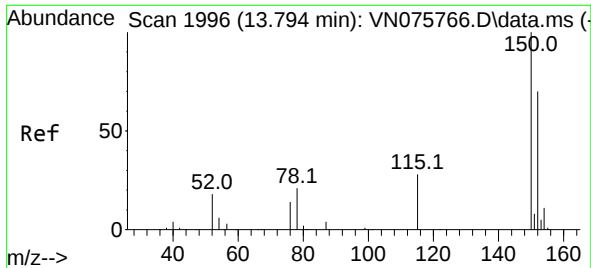
Ion Ratio Lower Upper

117 100

82 51.5 41.3 61.9

119 32.1 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075941.D

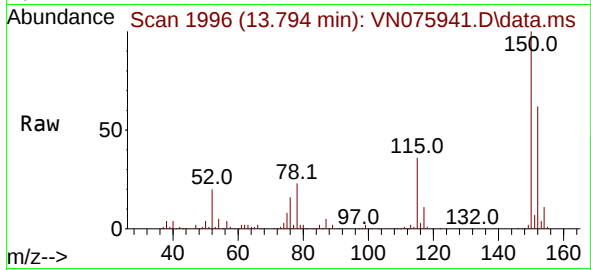
Acq: 22 Dec 2022 13:39

Instrument :

MSVOA\_N

ClientSampleId :

GWOW-BR-04-185-206-122122



Tgt Ion:152 Resp: 200758

Ion Ratio Lower Upper

152 100

115 56.9 29.1 87.4

150 158.9 0.0 347.0

