

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122122\  
 Data File : VN075921.D  
 Acq On : 21 Dec 2022 15:53  
 Operator : JC\MD  
 Sample : N6164-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 GWOW-BR-04-165-186-122022

Quant Time: Dec 22 03:02:57 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

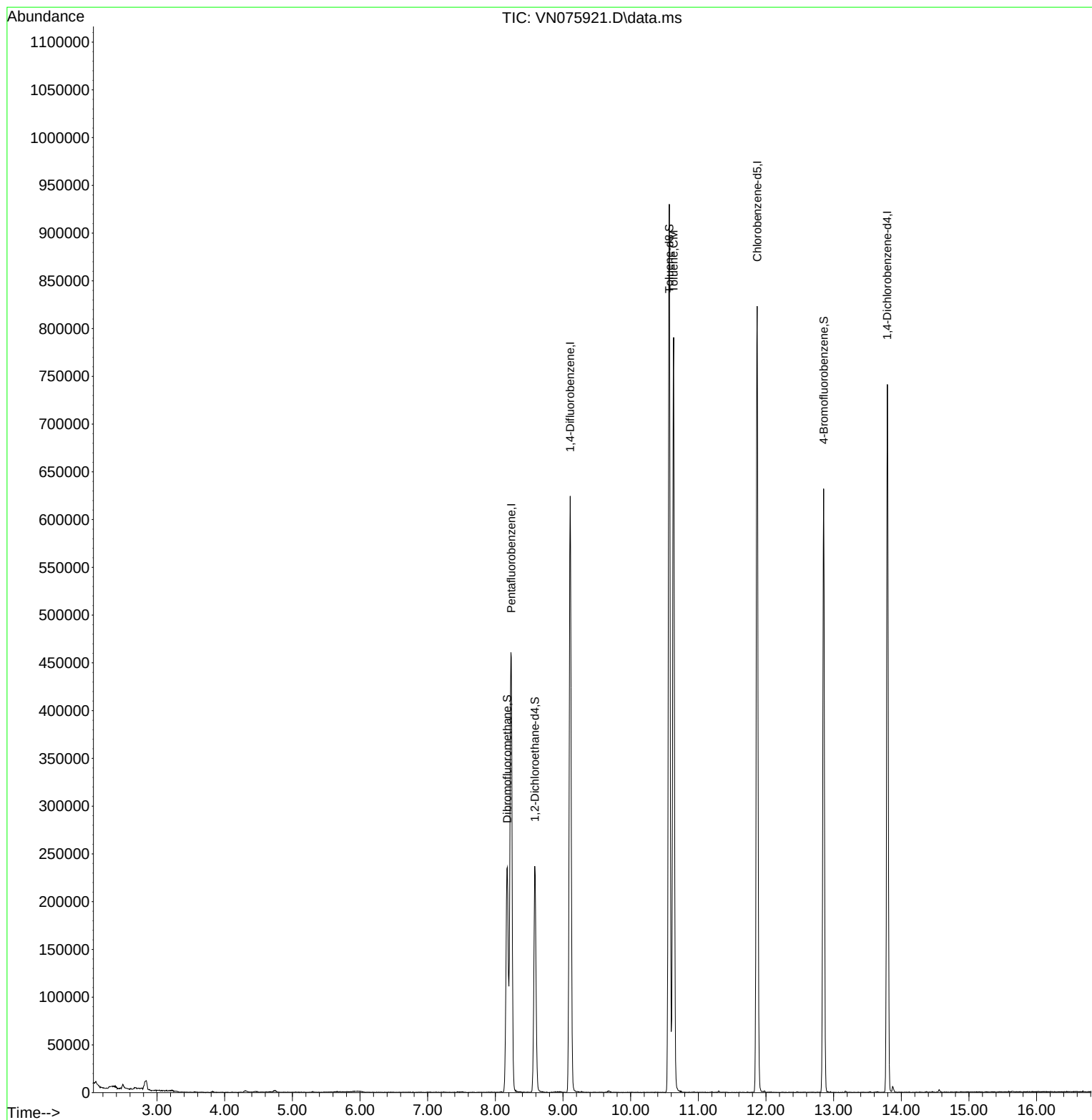
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 8.236  | 168   | 367851   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 580659   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 504007   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 210087   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 185089   | 46.251   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 92.500%   |
| 35) Dibromofluoromethane    | 8.177  | 113   | 170283   | 47.354   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 94.700%   |
| 50) Toluene-d8              | 10.571 | 98    | 661999   | 49.238   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 98.480%   |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 208542   | 46.831   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 93.660%   |
| Target Compounds            |        |       |          |          |       |           |
| 52) Toluene                 | 10.635 | 92    | 363347   | 37.854   | ug/l  | Qvalue 99 |
| -----                       |        |       |          |          |       |           |

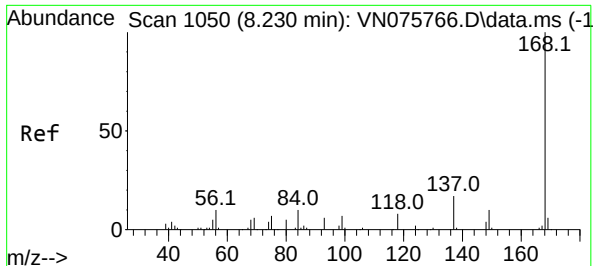
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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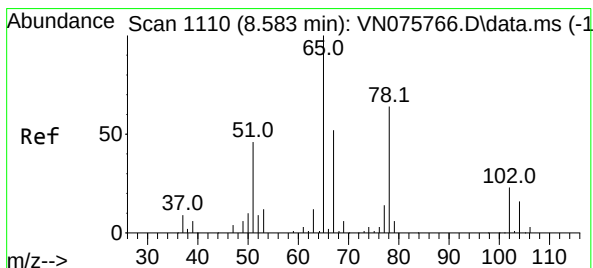
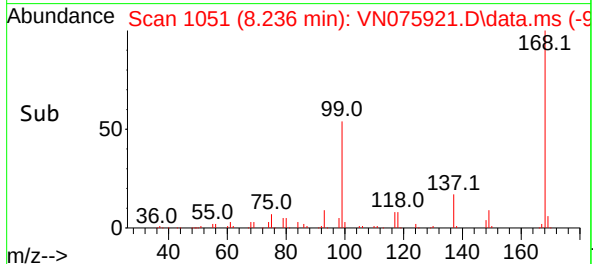
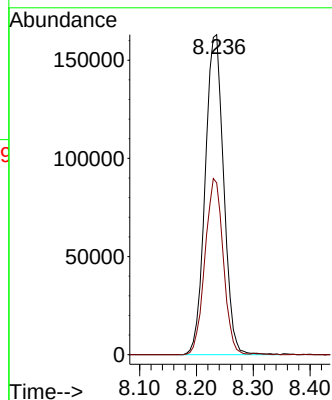
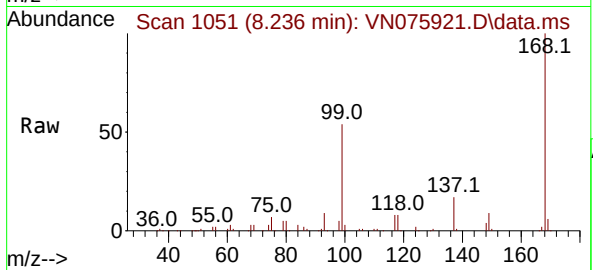




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.236 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VN075921.D  
Acq: 21 Dec 2022 15:53

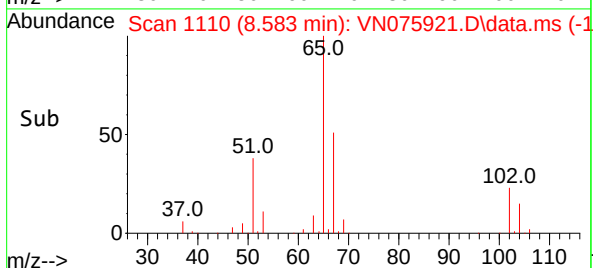
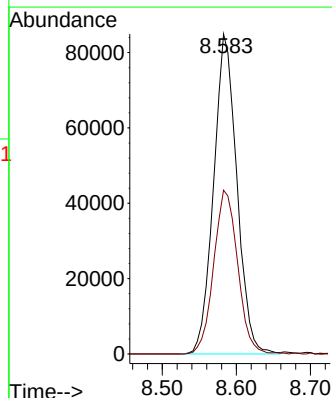
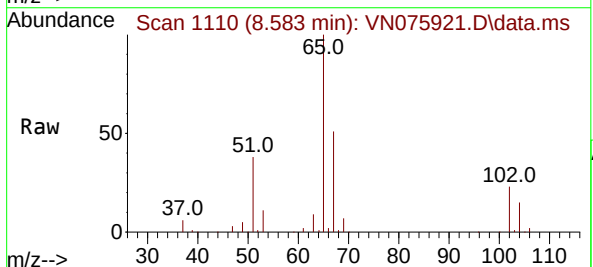
Instrument :  
MSVOA\_N  
ClientSampleId :  
GWOW-BR-04-165-186-122022

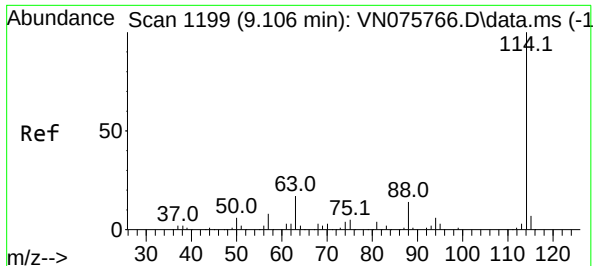
Tgt Ion:168 Resp: 367851  
Ion Ratio Lower Upper  
168 100  
99 53.7 44.2 66.4



#33  
1,2-Dichloroethane-d4  
Concen: 46.251 ug/l  
RT: 8.583 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: VN075921.D  
Acq: 21 Dec 2022 15:53

Tgt Ion: 65 Resp: 185089  
Ion Ratio Lower Upper  
65 100  
67 52.9 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: VN075921.D

Acq: 21 Dec 2022 15:53

Instrument :

MSVOA\_N

ClientSampleId :

GWOW-BR-04-165-186-122022

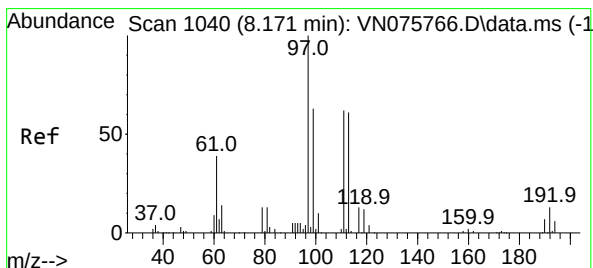
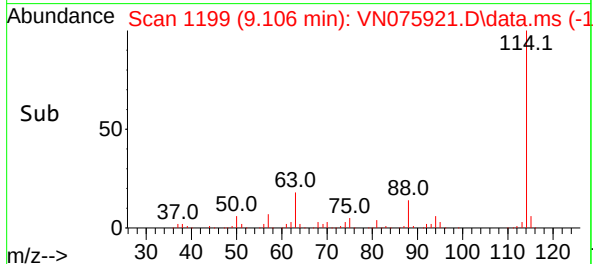
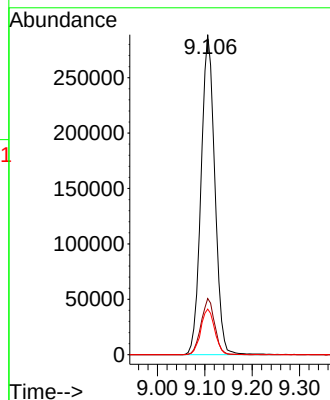
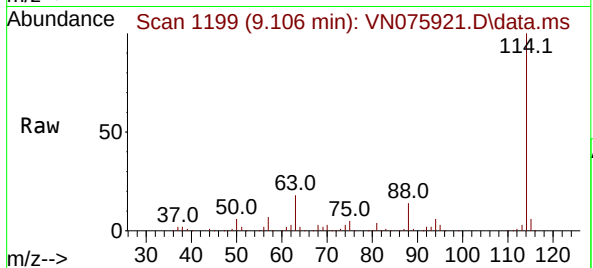
Tgt Ion:114 Resp: 580659

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.354 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075921.D

Acq: 21 Dec 2022 15:53

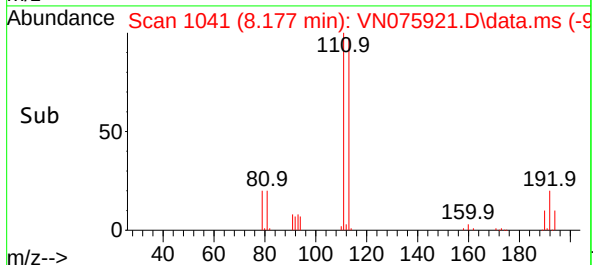
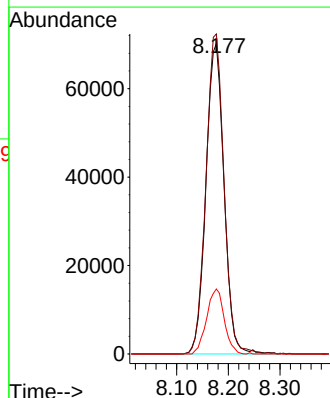
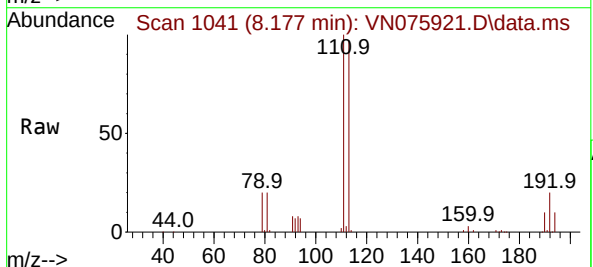
Tgt Ion:113 Resp: 170283

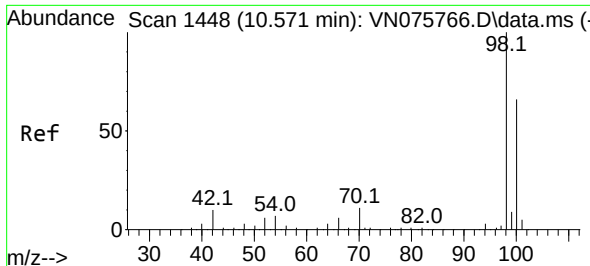
Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 20.4 16.1 24.1

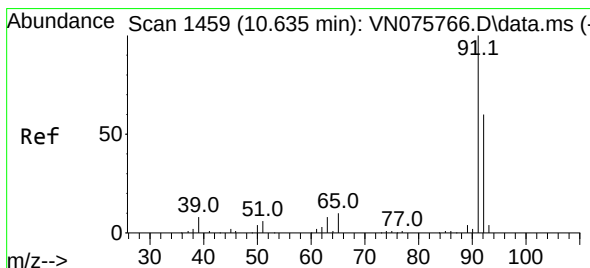
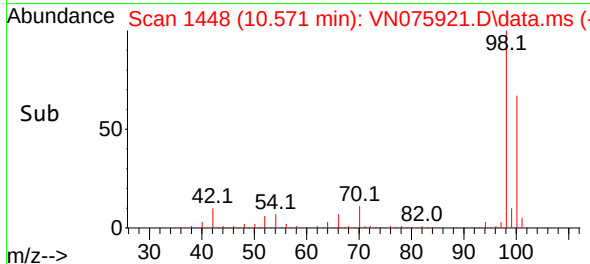
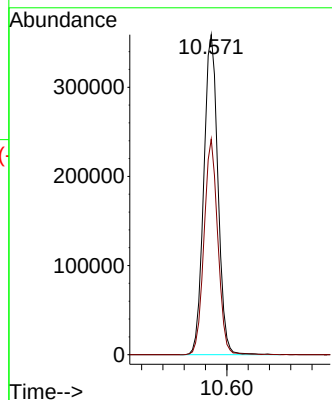
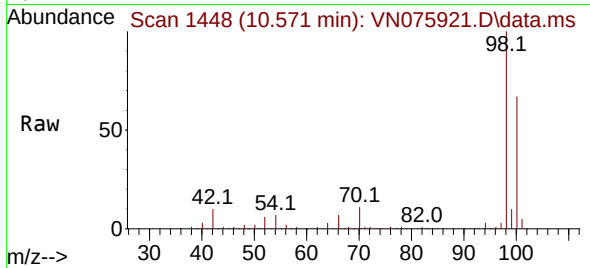




#50  
Toluene-d8  
Concen: 49.238 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN075921.D  
Acq: 21 Dec 2022 15:53

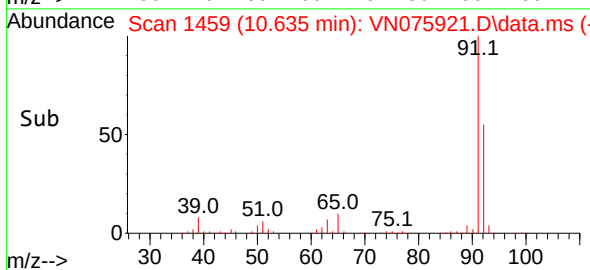
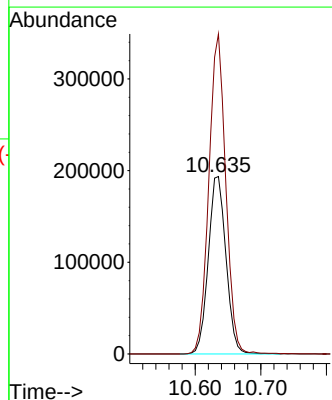
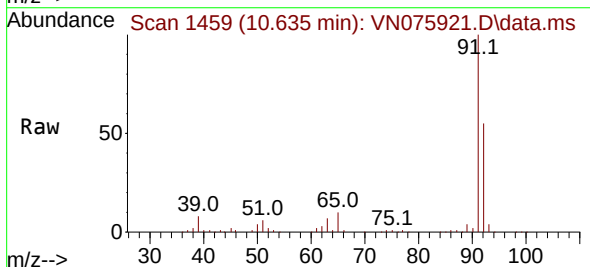
Instrument :  
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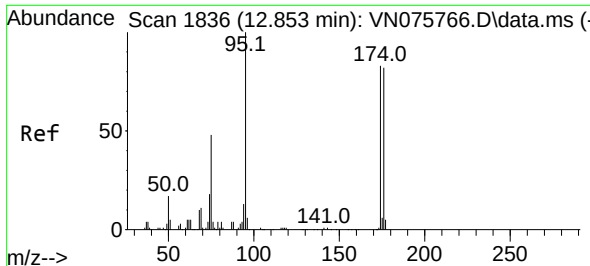
Tgt Ion: 98 Resp: 661999  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.1 78.1



#52  
Toluene  
Concen: 37.854 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VN075921.D  
Acq: 21 Dec 2022 15:53

Tgt Ion: 92 Resp: 363347  
Ion Ratio Lower Upper  
92 100  
91 172.5 137.3 205.9

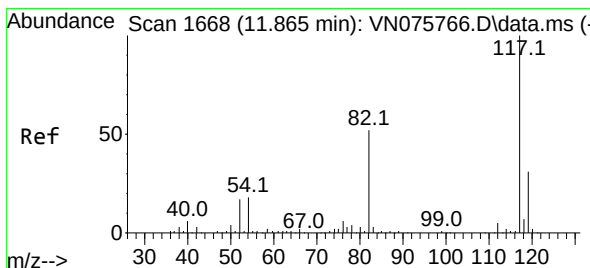
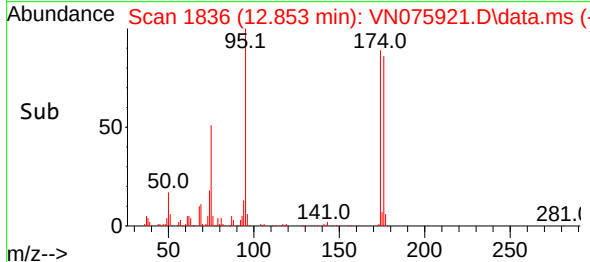
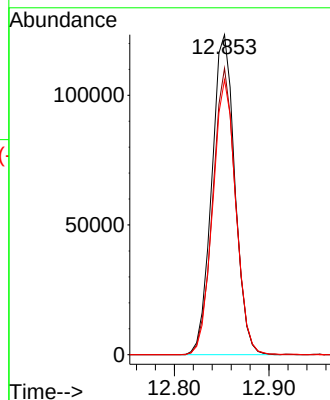
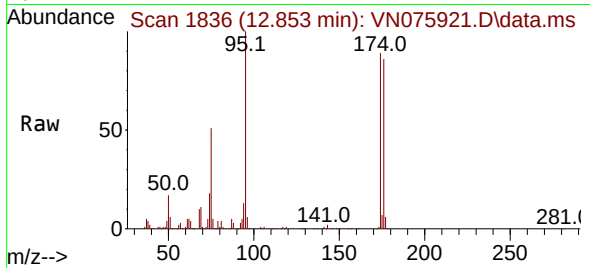




#62  
4-Bromofluorobenzene  
Concen: 46.831 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN075921.D  
Acq: 21 Dec 2022 15:53

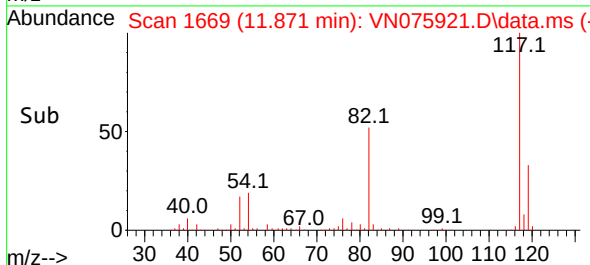
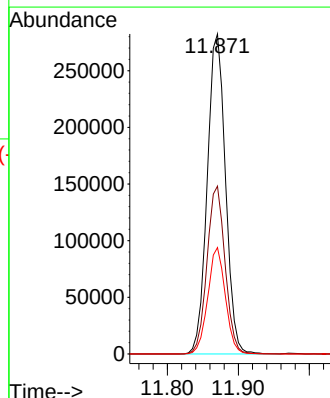
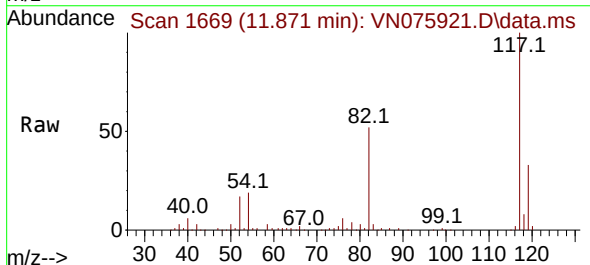
Instrument :  
MSVOA\_N  
ClientSampleId :  
GWOW-BR-04-165-186-122022

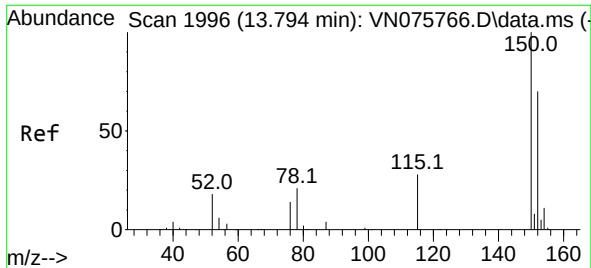
Tgt Ion: 95 Resp: 208542  
Ion Ratio Lower Upper  
95 100  
174 87.9 0.0 171.6  
176 86.1 0.0 169.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VN075921.D  
Acq: 21 Dec 2022 15:53

Tgt Ion: 117 Resp: 504007  
Ion Ratio Lower Upper  
117 100  
82 52.5 41.3 61.9  
119 33.3 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: VN075921.D

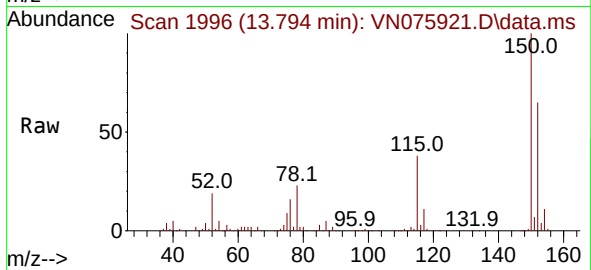
Acq: 21 Dec 2022 15:53

Instrument :

MSVOA\_N

ClientSampleId :

GWOW-BR-04-165-186-122022



Tgt Ion:152 Resp: 210087

Ion Ratio Lower Upper

152 100

115 57.0 29.1 87.4

150 155.7 0.0 347.0

