

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012723\  
 Data File : VN076436.D  
 Acq On : 27 Jan 2023 13:47  
 Operator : JC\MD  
 Sample : 01332-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jan 27 22:37:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 03:59:22 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 504645   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 819265   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 678365   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 209798   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 304325   | 53.859   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 107.720% |
| 35) Dibromofluoromethane    | 8.177  | 113   | 254678   | 49.695   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.380%  |
| 50) Toluene-d8              | 10.571 | 98    | 931608   | 49.222   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 98.440%  |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 265558   | 42.980   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 85.960%  |

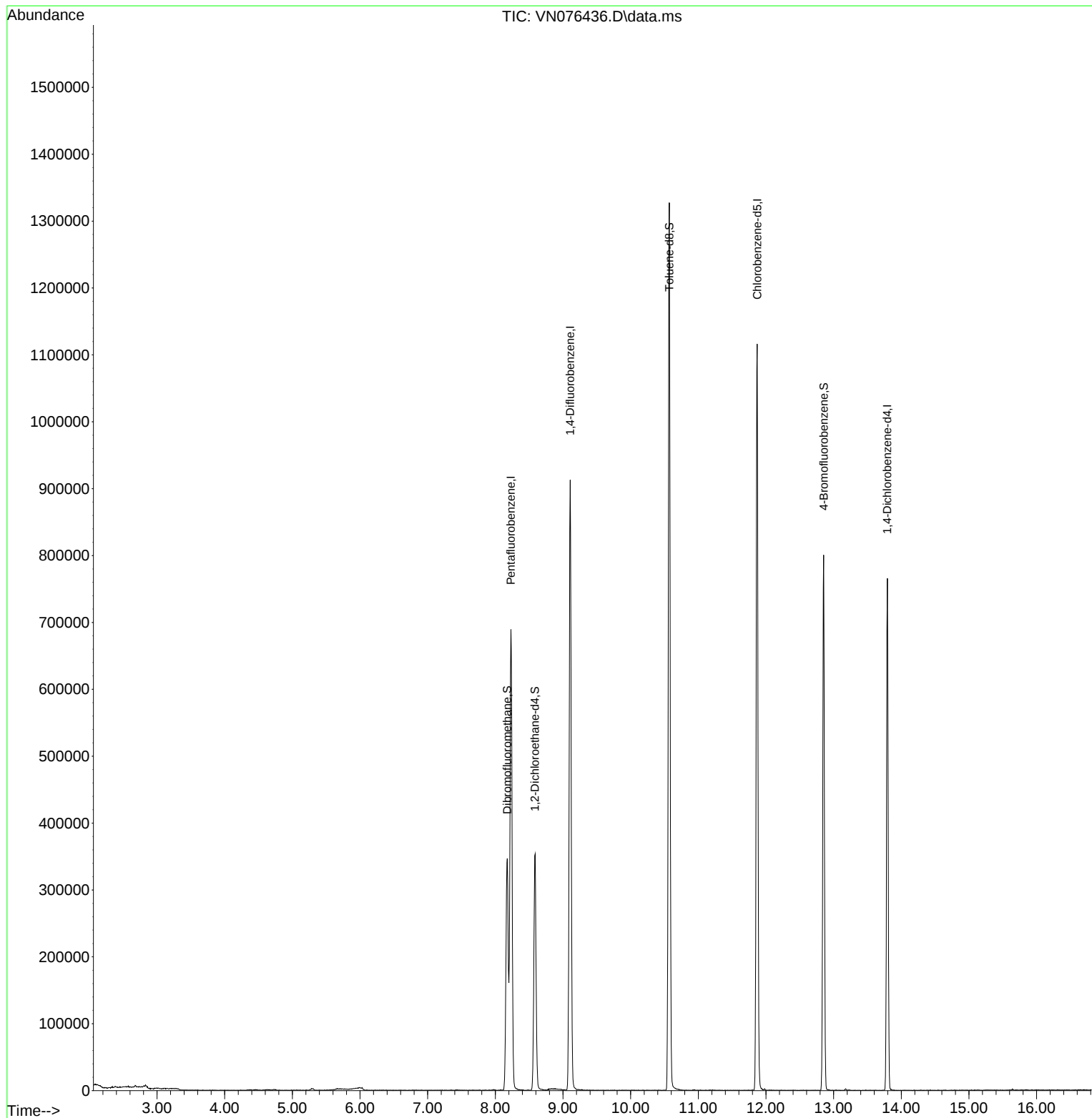
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

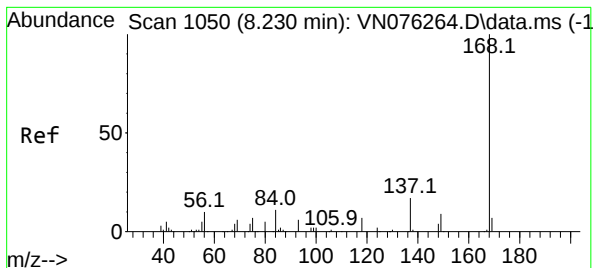
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012723\  
Data File : VN076436.D  
Acq On : 27 Jan 2023 13:47  
Operator : JC\MD  
Sample : 01332-03  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

Quant Time: Jan 27 22:37:10 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 17 03:59:22 2023  
Response via : Initial Calibration

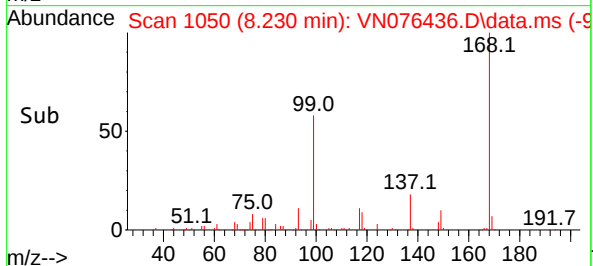
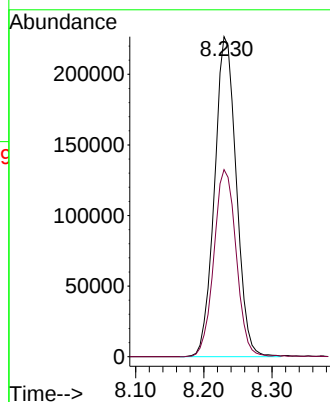
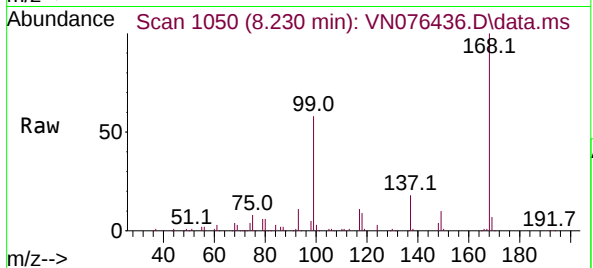




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VN076436.D  
Acq: 27 Jan 2023 13:47

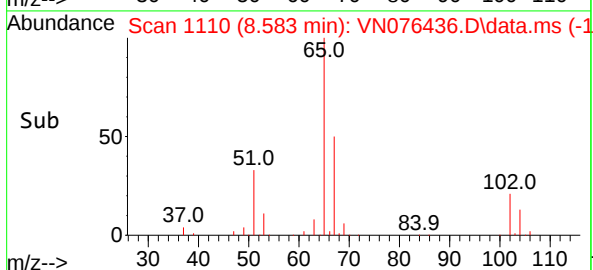
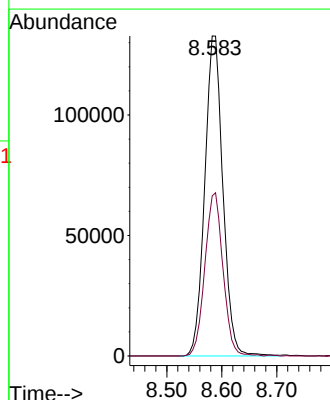
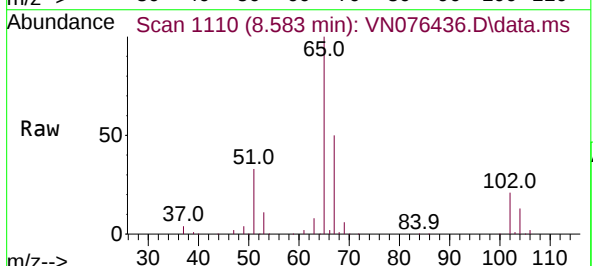
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 504645  
Ion Ratio Lower Upper  
168 100  
99 58.5 41.6 62.4



#33  
1,2-Dichloroethane-d4  
Concen: 53.859 ug/l  
RT: 8.583 min Scan# 1110  
Delta R.T. 0.001 min  
Lab File: VN076436.D  
Acq: 27 Jan 2023 13:47

Tgt Ion: 65 Resp: 304325  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076436.D

Acq: 27 Jan 2023 13:47

Instrument :

MSVOA\_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

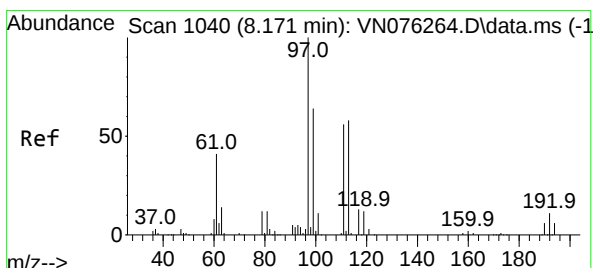
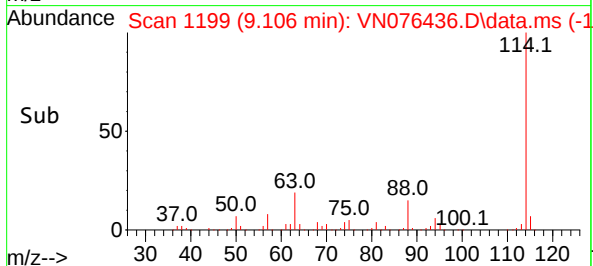
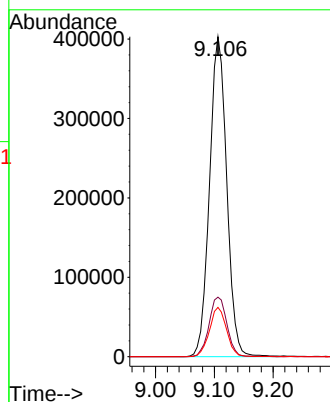
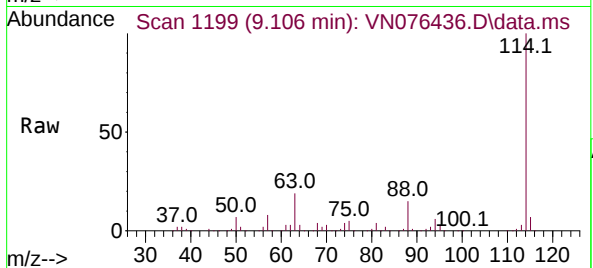
Tgt Ion:114 Resp: 819265

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.8

88 15.4 0.0 28.0



#35

Dibromofluoromethane

Concen: 49.695 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076436.D

Acq: 27 Jan 2023 13:47

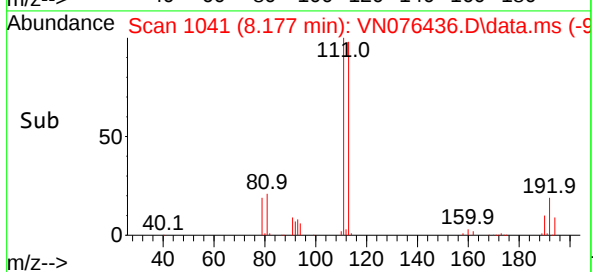
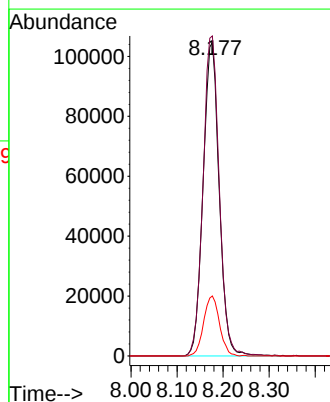
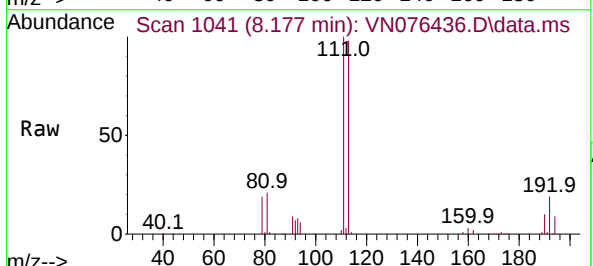
Tgt Ion:113 Resp: 254678

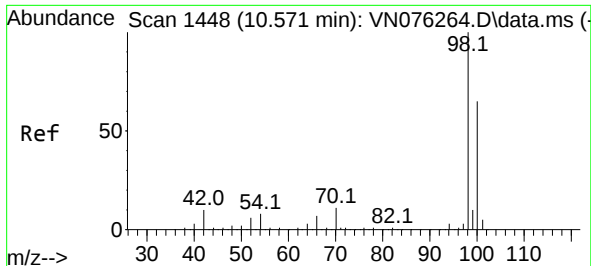
Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

192 18.9 15.6 23.4

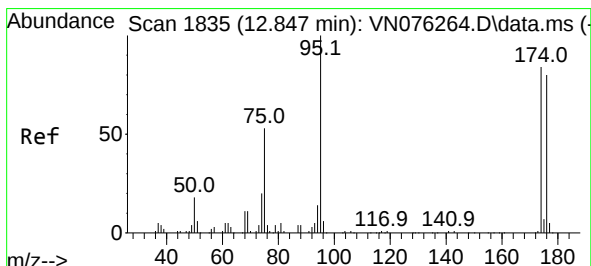
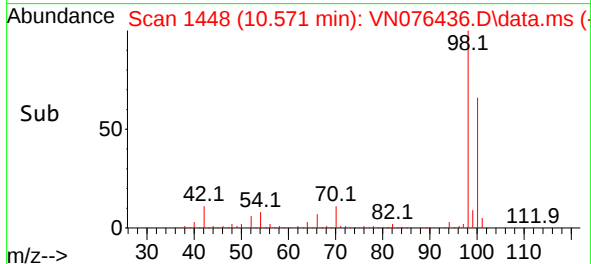
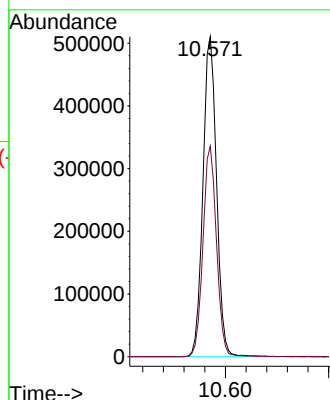
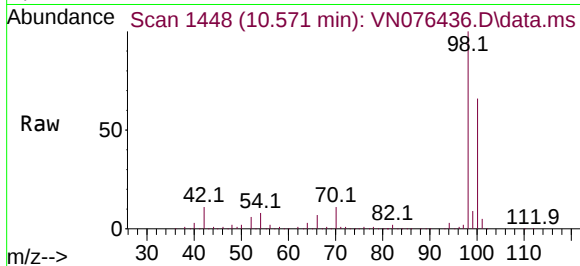




#50  
Toluene-d8  
Concen: 49.222 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN076436.D  
Acq: 27 Jan 2023 13:47

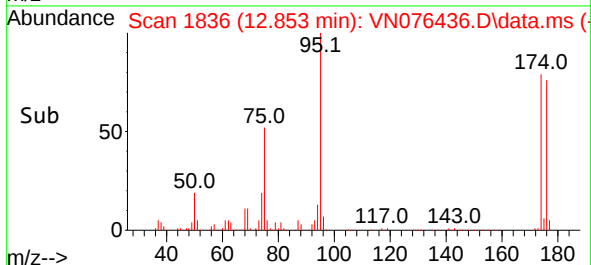
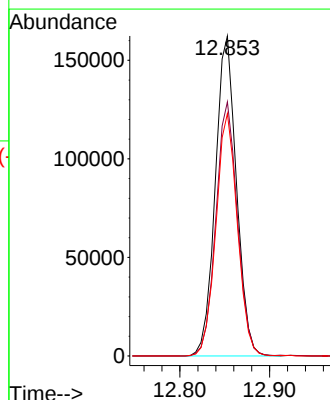
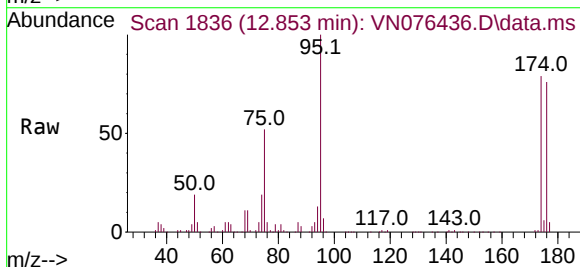
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

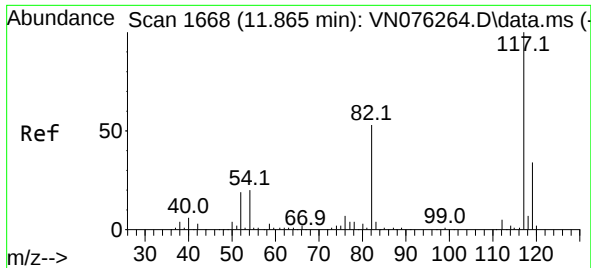
Tgt Ion: 98 Resp: 931608  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 42.980 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN076436.D  
Acq: 27 Jan 2023 13:47

Tgt Ion: 95 Resp: 265558  
Ion Ratio Lower Upper  
95 100  
174 80.9 0.0 174.6  
176 76.7 0.0 167.8

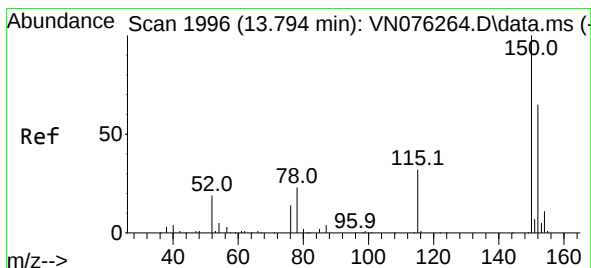
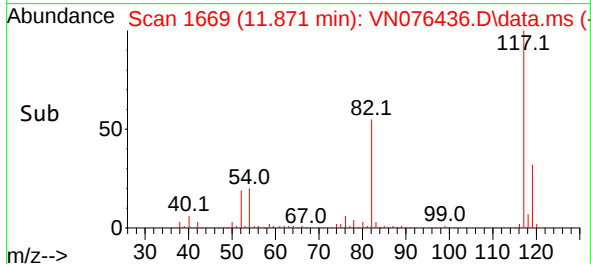
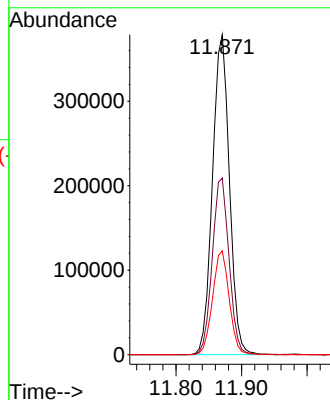
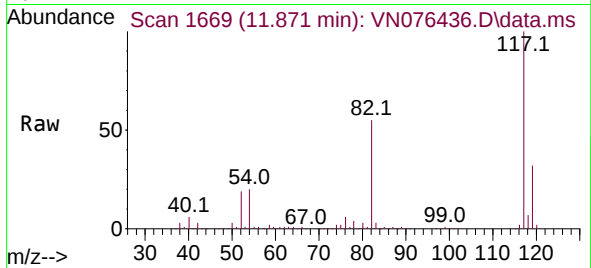




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VN076436.D  
Acq: 27 Jan 2023 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 678365  
Ion Ratio Lower Upper  
117 100  
82 55.2 42.2 63.2  
119 32.5 26.9 40.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN076436.D  
Acq: 27 Jan 2023 13:47

Tgt Ion:152 Resp: 209798  
Ion Ratio Lower Upper  
152 100  
115 59.2 29.6 88.9  
150 157.0 0.0 351.4

