

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052623\  
 Data File : VN077953.D  
 Acq On : 27 May 2023 03:39  
 Operator : JC\MD  
 Sample : 02970-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

Quant Time: May 29 01:43:12 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

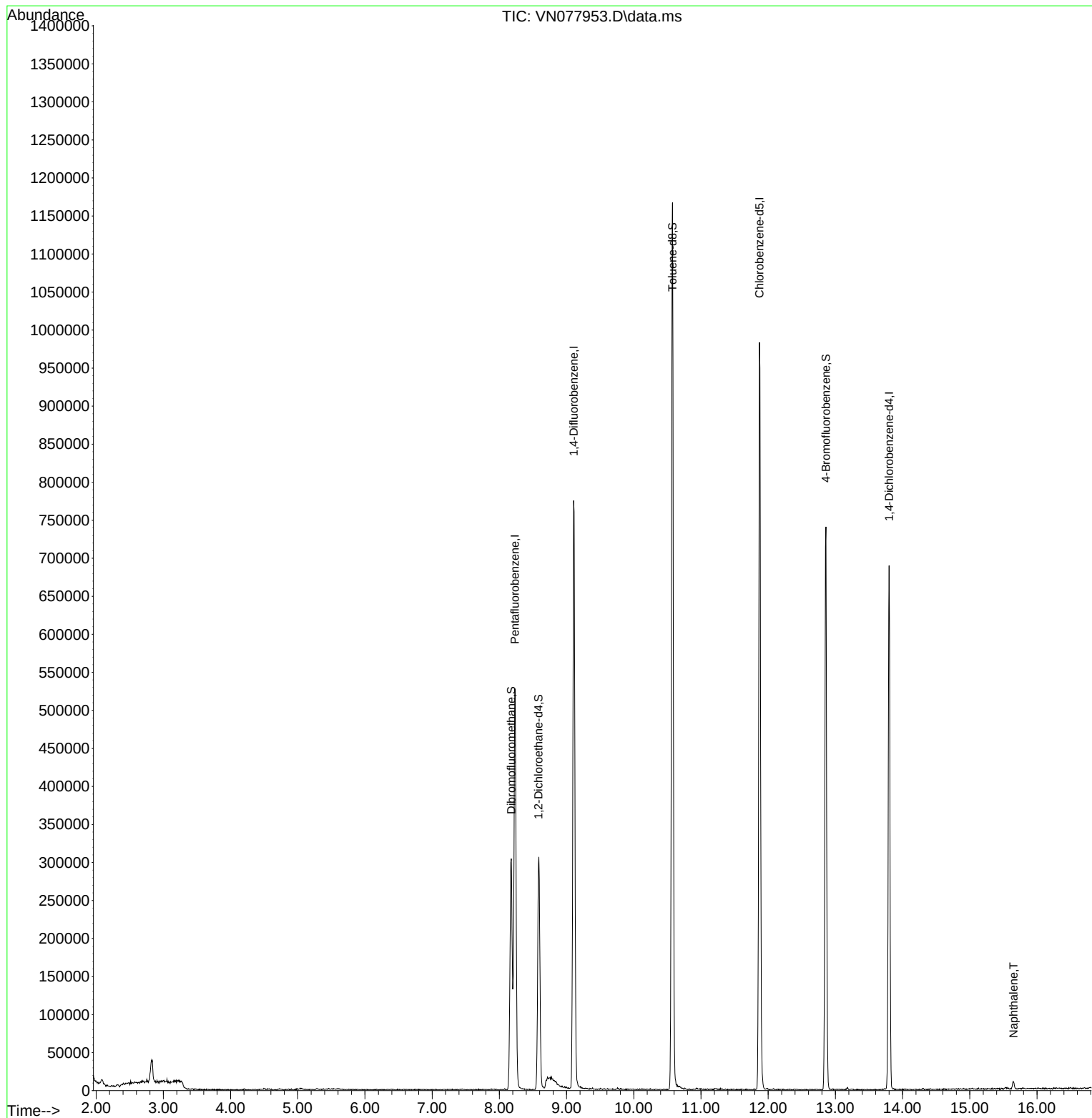
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 8.230  | 168   | 374941   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 687758   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.870 | 117   | 595101   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.800 | 152   | 185753   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 260503   | 46.435   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 92.860%   |
| 35) Dibromofluoromethane    | 8.177  | 113   | 220812   | 49.236   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 98.480%   |
| 50) Toluene-d8              | 10.576 | 98    | 838937   | 48.599   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 97.200%   |
| 62) 4-Bromofluorobenzene    | 12.859 | 95    | 266141   | 43.653   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 87.300%   |
| Target Compounds            |        |       |          |          |       |           |
| 95) Naphthalene             | 15.653 | 128   | 9459     | 0.745    | ug/l  | Qvalue 97 |
| -----                       |        |       |          |          |       |           |

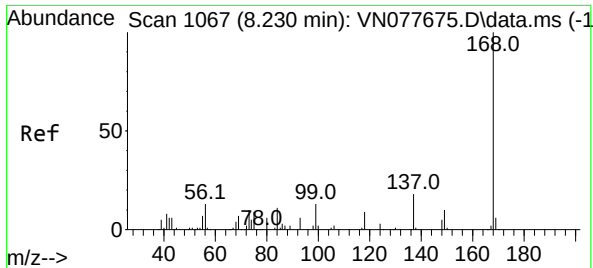
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

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Quant Title : SW846 8260  
QLast Update : Tue May 16 04:07:42 2023  
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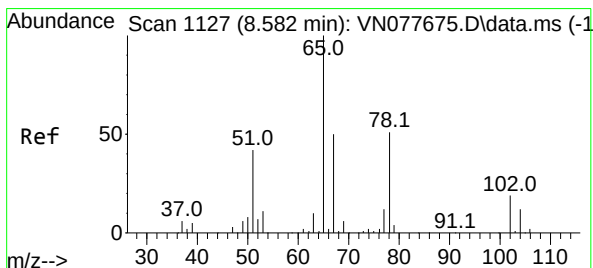
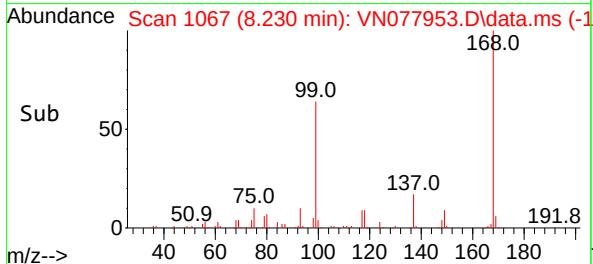
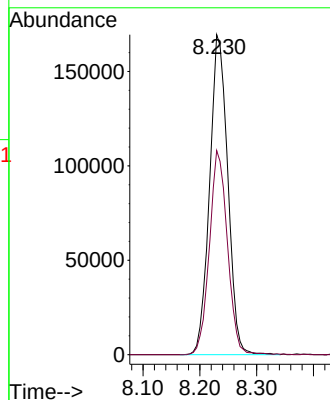
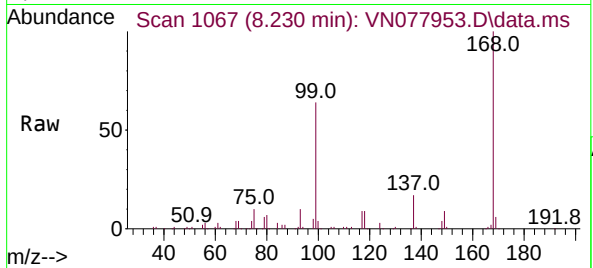




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN077953.D  
Acq: 27 May 2023 03:39

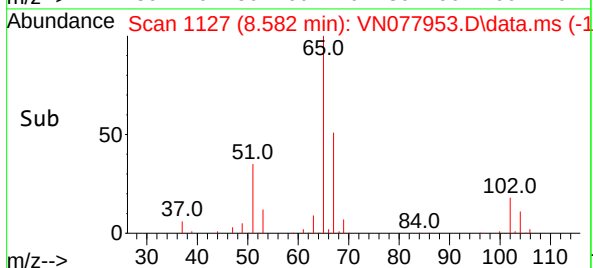
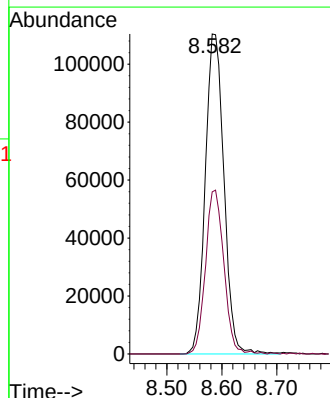
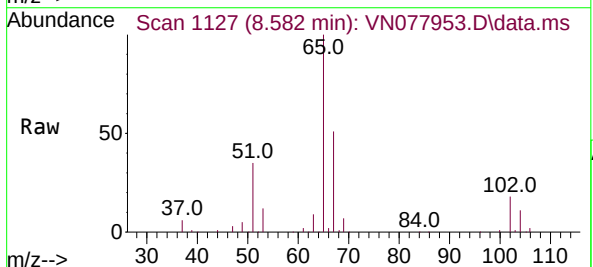
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

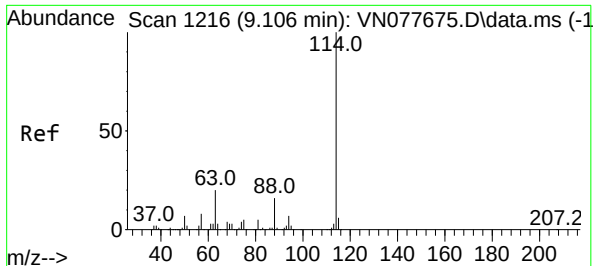
Tgt Ion:168 Resp: 374941  
Ion Ratio Lower Upper  
168 100  
99 63.8 53.0 79.6



#33  
1,2-Dichloroethane-d4  
Concen: 46.435 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN077953.D  
Acq: 27 May 2023 03:39

Tgt Ion: 65 Resp: 260503  
Ion Ratio Lower Upper  
65 100  
67 50.3 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: VN077953.D

Acq: 27 May 2023 03:39

Instrument :

MSVOA\_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

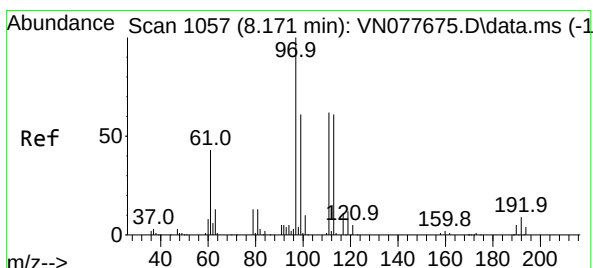
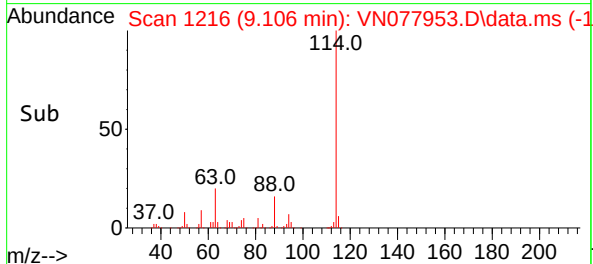
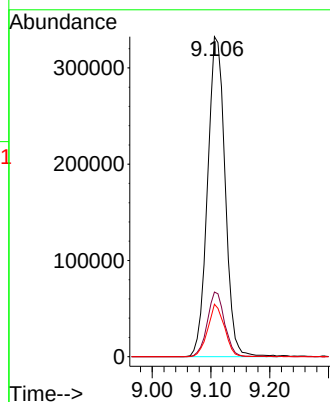
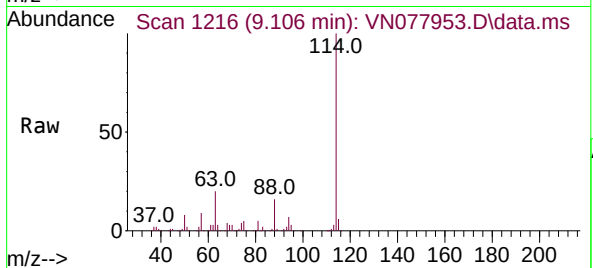
Tgt Ion:114 Resp: 687758

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.236 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077953.D

Acq: 27 May 2023 03:39

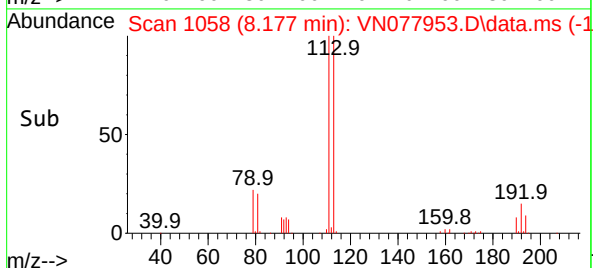
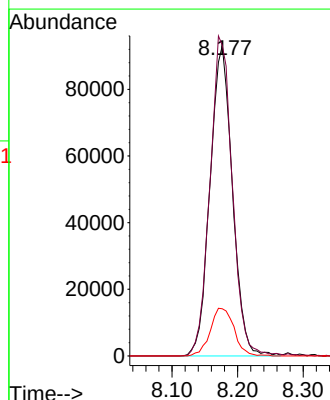
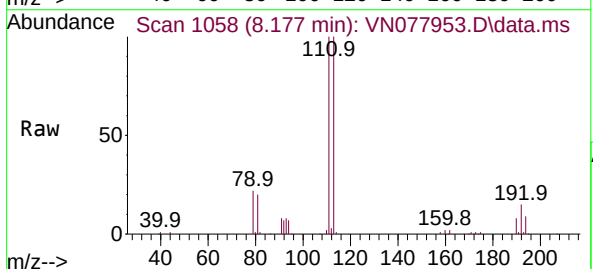
Tgt Ion:113 Resp: 220812

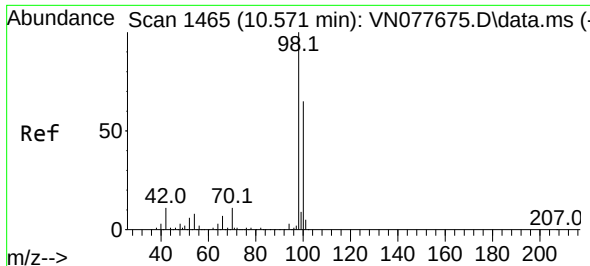
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 16.4 12.7 19.1

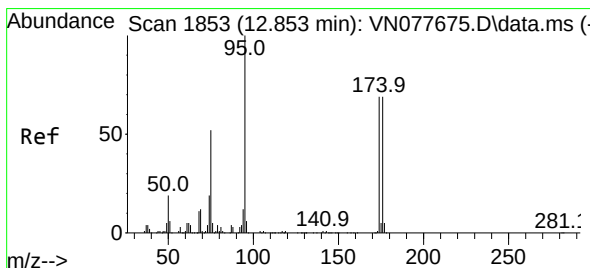
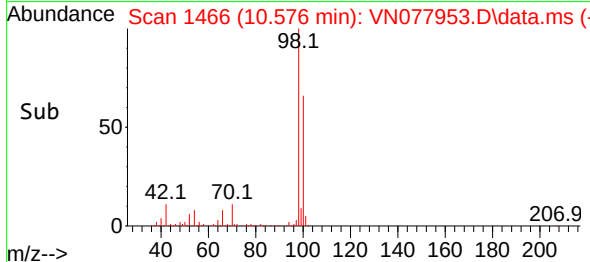
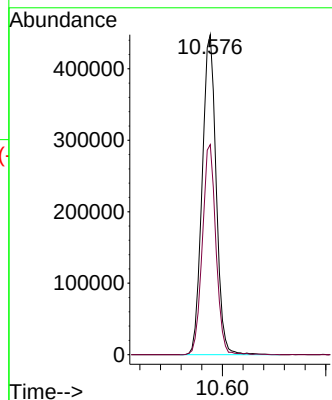
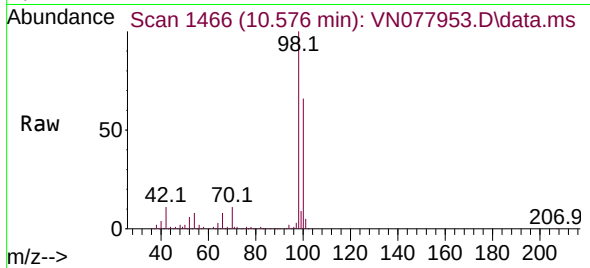




#50  
Toluene-d8  
Concen: 48.599 ug/l  
RT: 10.576 min Scan# 1465  
Delta R.T. 0.005 min  
Lab File: VN077953.D  
Acq: 27 May 2023 03:39

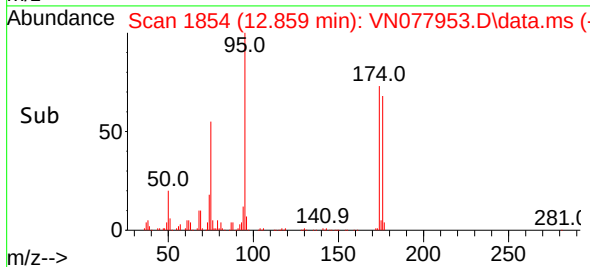
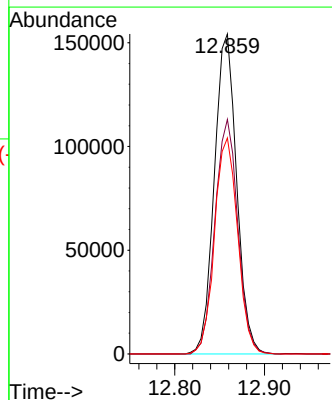
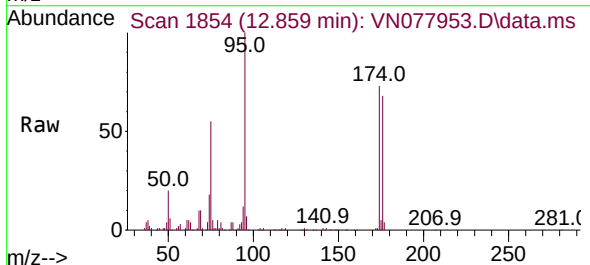
Instrument :  
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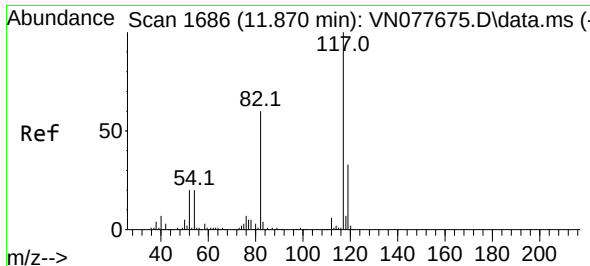
Tgt Ion: 98 Resp: 838937  
Ion Ratio Lower Upper  
98 100  
100 63.6 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 43.653 ug/l  
RT: 12.859 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VN077953.D  
Acq: 27 May 2023 03:39

Tgt Ion: 95 Resp: 266141  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.0 143.8  
176 70.0 0.0 135.8

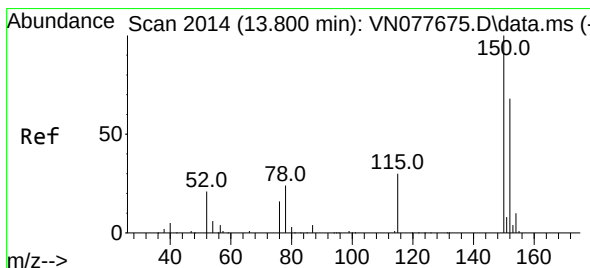
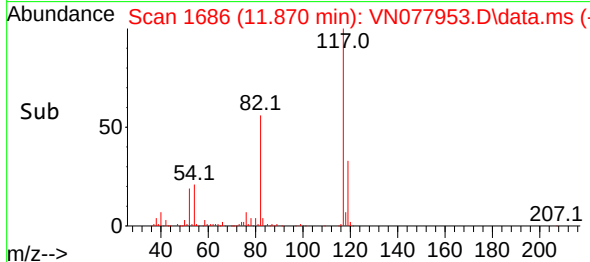
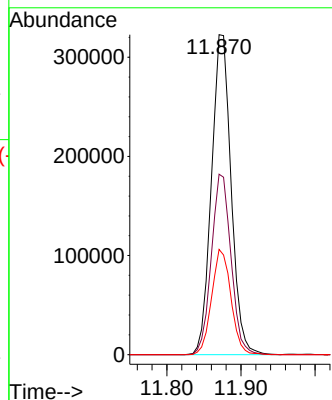
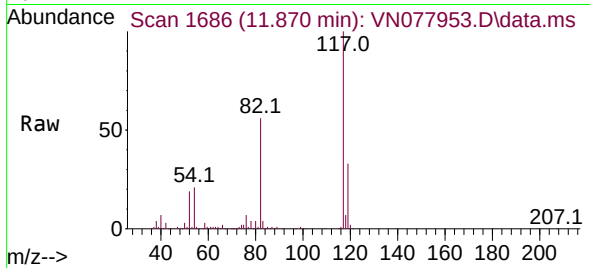




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VN077953.D  
Acq: 27 May 2023 03:39

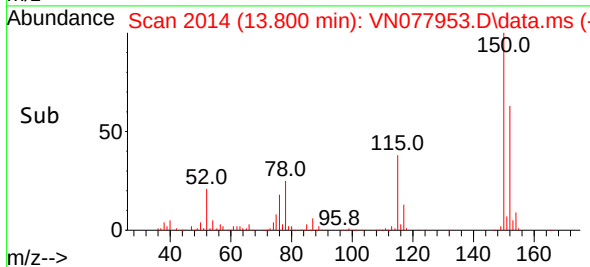
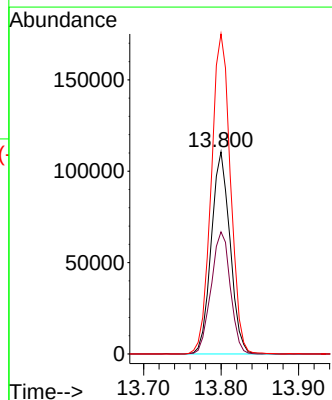
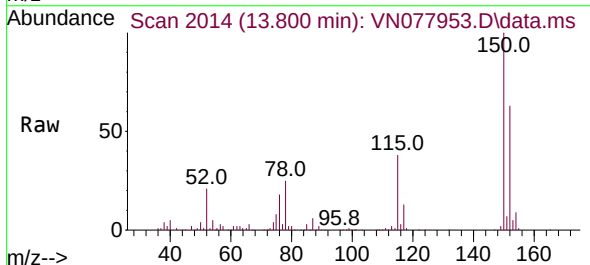
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

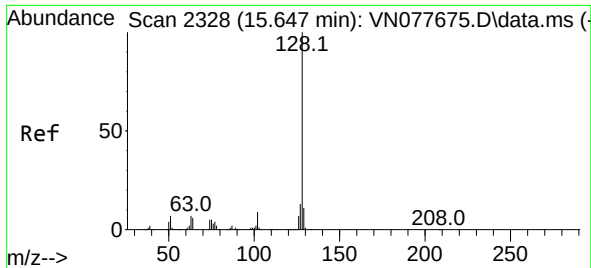
Tgt Ion:117 Resp: 595101  
Ion Ratio Lower Upper  
117 100  
82 56.4 44.0 66.0  
119 32.9 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.800 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: VN077953.D  
Acq: 27 May 2023 03:39

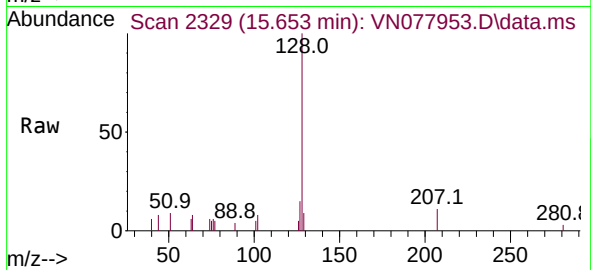
Tgt Ion:152 Resp: 185753  
Ion Ratio Lower Upper  
152 100  
115 61.8 32.3 96.8  
150 162.4 0.0 355.8





#95  
Naphthalene  
Concen: 0.745 ug/l  
RT: 15.653 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN077953.D  
Acq: 27 May 2023 03:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 9459  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.8  | 10.0  | 15.0  |
| 129      | 11.8  | 8.7   | 13.1  |

