

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121422\  
 Data File : VN075778.D  
 Acq On : 14 Dec 2022 18:27  
 Operator : JC\MD  
 Sample : N6026-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TB-2022-12-12

Quant Time: Dec 15 00:29:04 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

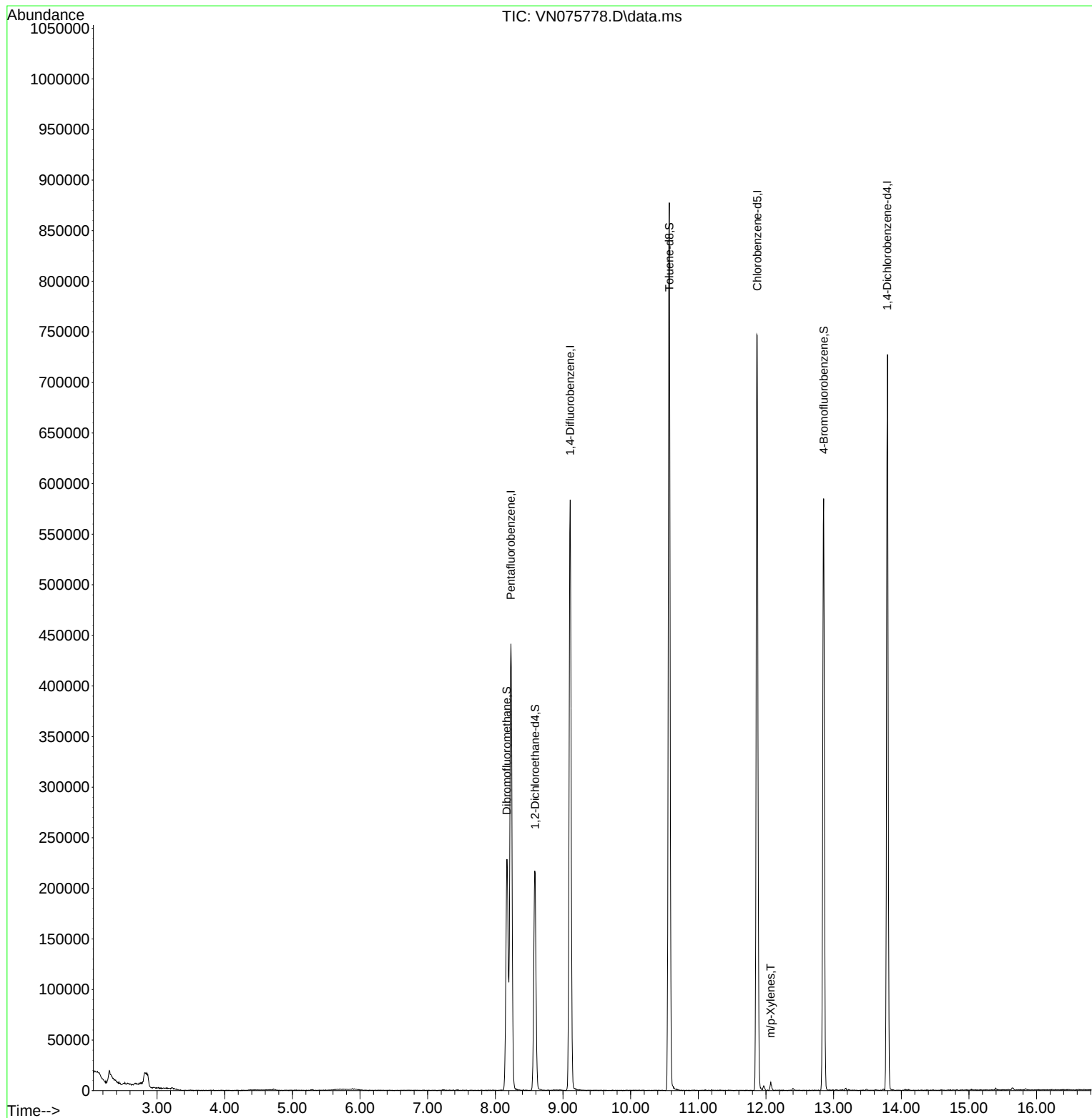
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 8.230  | 168   | 353864   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 545503   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 474698   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 200720   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 177288   | 46.052   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 92.100%   |
| 35) Dibromofluoromethane    | 8.171  | 113   | 162645   | 48.145   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 96.300%   |
| 50) Toluene-d8              | 10.571 | 98    | 631083   | 49.964   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 99.920%   |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 197220   | 47.143   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 94.280%   |
| Target Compounds            |        |       |          |          |       |           |
| 68) m/p-Xylenes             | 12.071 | 106   | 2600     | 0.399    | ug/l  | Qvalue 92 |
| -----                       |        |       |          |          |       |           |

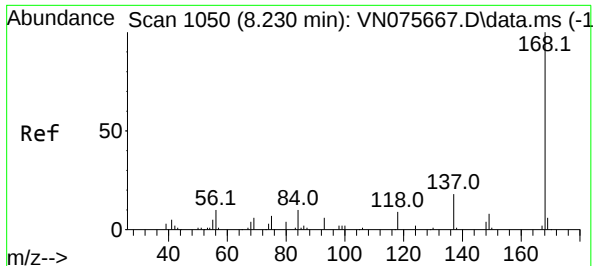
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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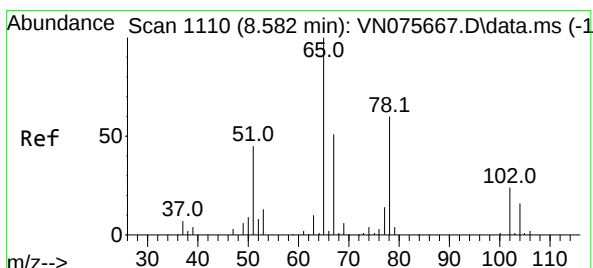
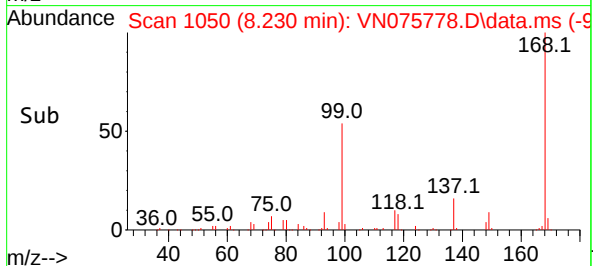
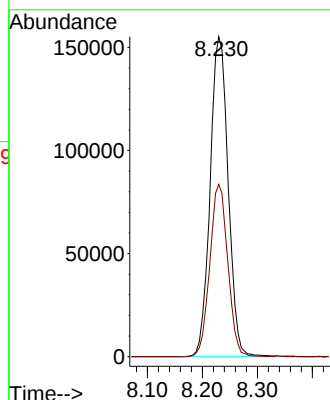
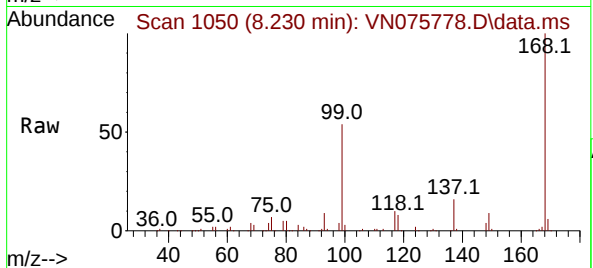




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN075778.D  
Acq: 14 Dec 2022 18:27

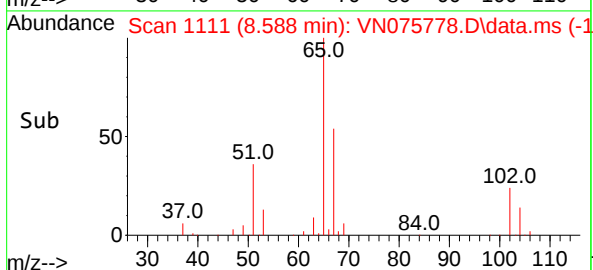
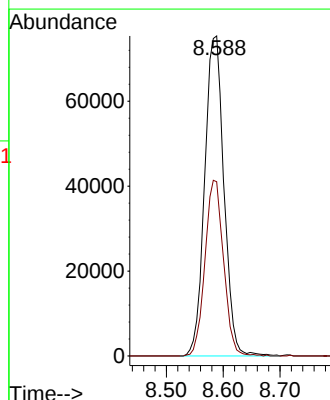
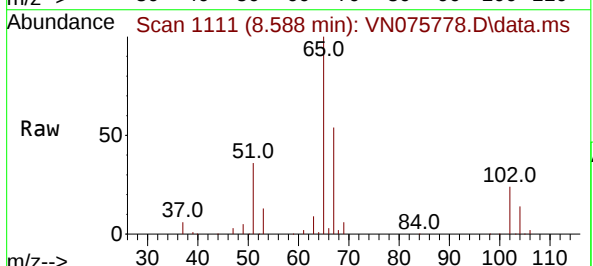
Instrument :  
MSVOA\_N  
ClientSampleId :  
TB-2022-12-12

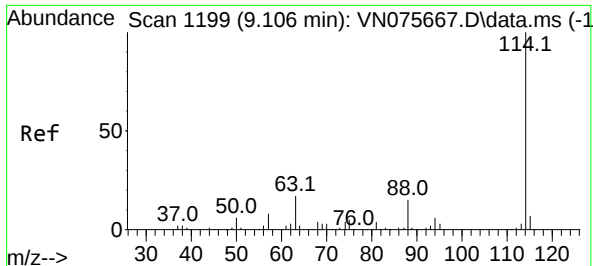
Tgt Ion:168 Resp: 353864  
Ion Ratio Lower Upper  
168 100  
99 53.8 44.2 66.4



#33  
1,2-Dichloroethane-d4  
Concen: 46.052 ug/l  
RT: 8.588 min Scan# 1111  
Delta R.T. 0.006 min  
Lab File: VN075778.D  
Acq: 14 Dec 2022 18:27

Tgt Ion: 65 Resp: 177288  
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: VN075778.D

Acq: 14 Dec 2022 18:27

Instrument :

MSVOA\_N

ClientSampleId :

TB-2022-12-12

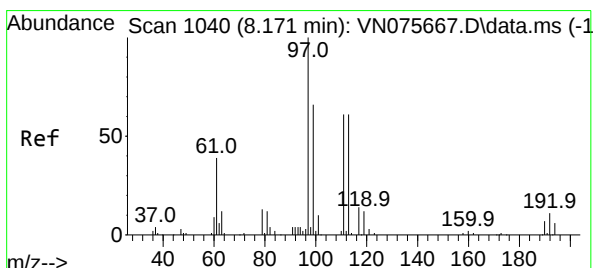
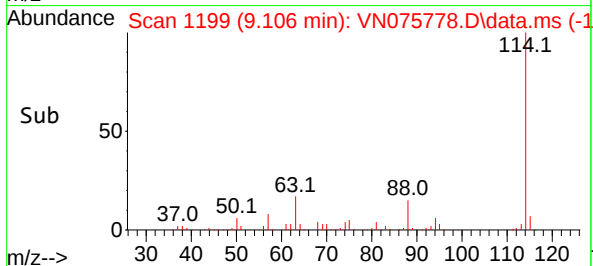
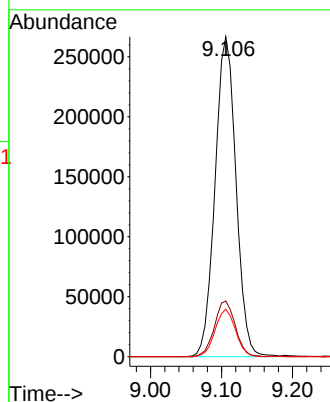
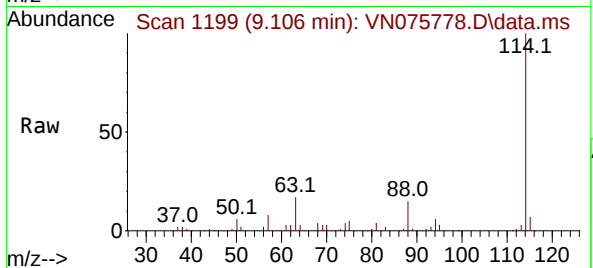
Tgt Ion:114 Resp: 545503

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.145 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075778.D

Acq: 14 Dec 2022 18:27

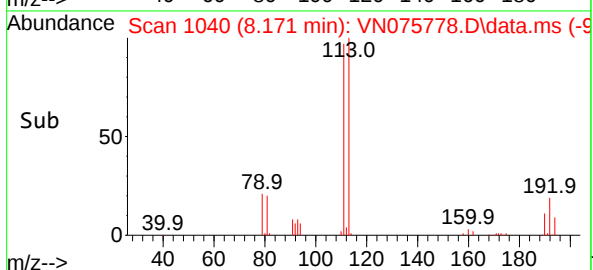
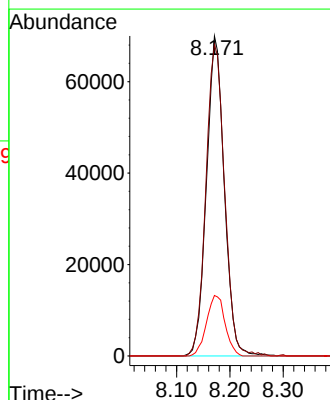
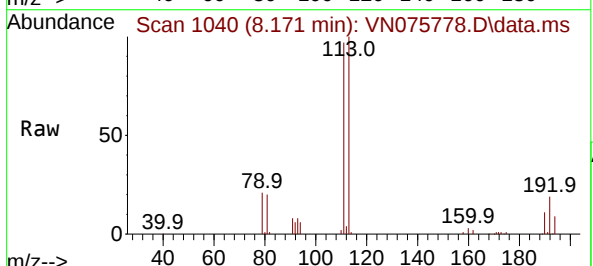
Tgt Ion:113 Resp: 162645

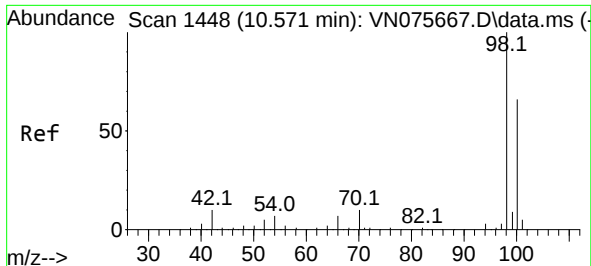
Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

192 19.7 16.1 24.1

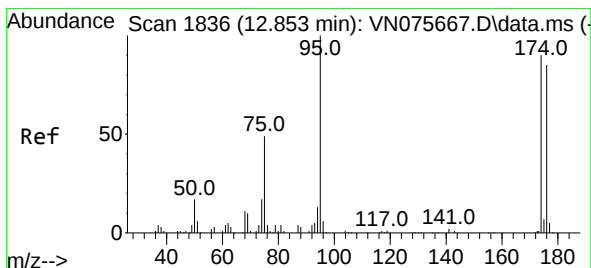
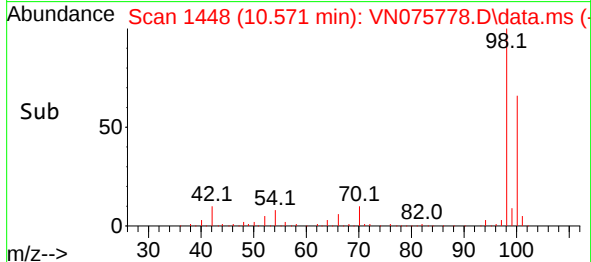
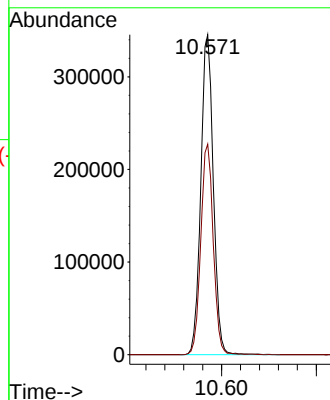
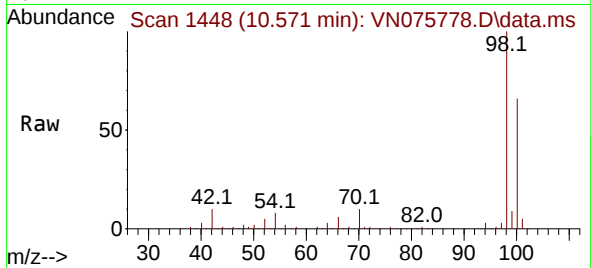




#50  
Toluene-d8  
Concen: 49.964 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN075778.D  
Acq: 14 Dec 2022 18:27

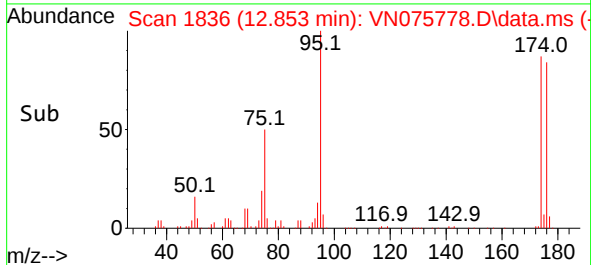
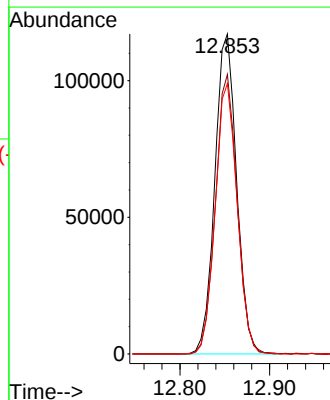
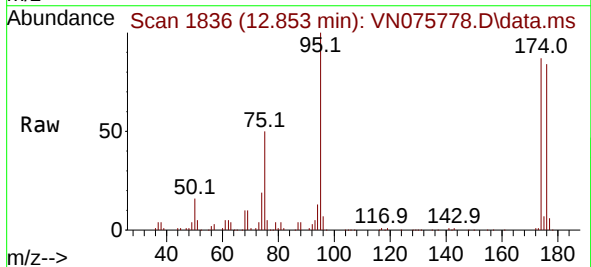
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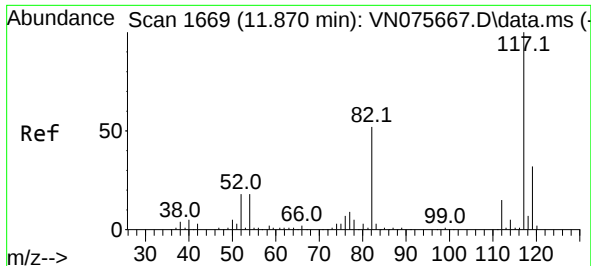
Tgt Ion: 98 Resp: 631083  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.1 78.1



#62  
4-Bromofluorobenzene  
Concen: 47.143 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN075778.D  
Acq: 14 Dec 2022 18:27

Tgt Ion: 95 Resp: 197220  
Ion Ratio Lower Upper  
95 100  
174 86.8 0.0 171.6  
176 84.9 0.0 169.2

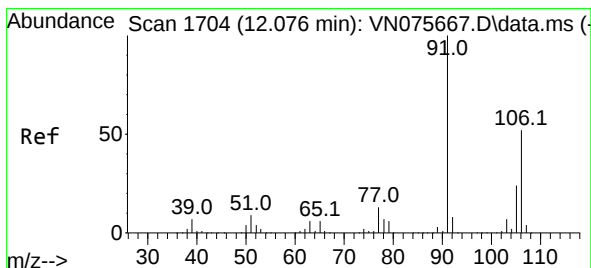
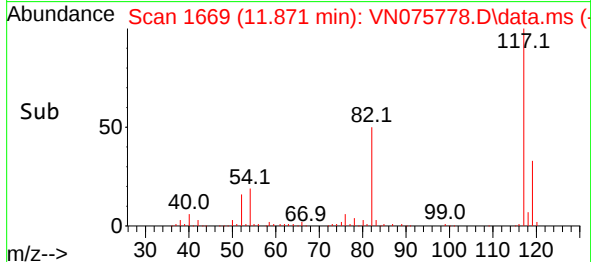
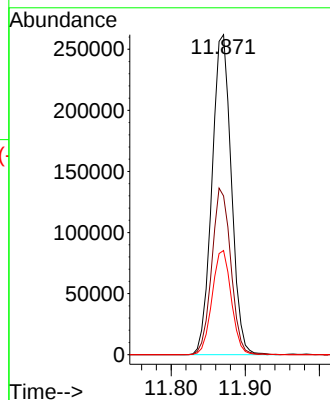
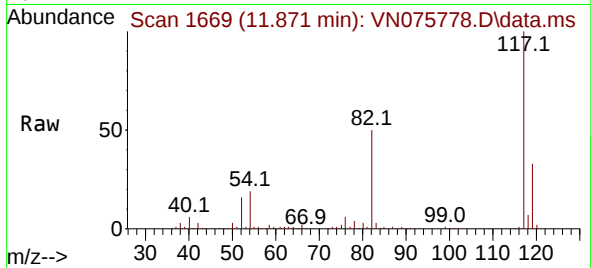




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: VN075778.D  
Acq: 14 Dec 2022 18:27

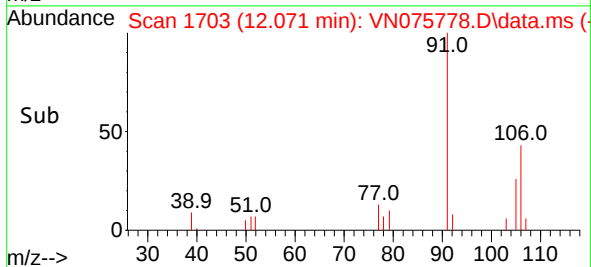
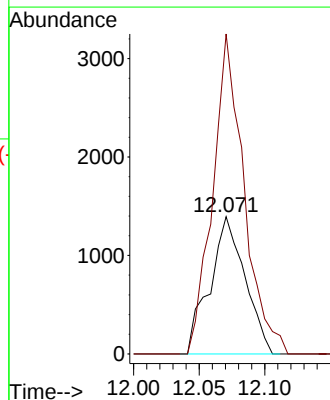
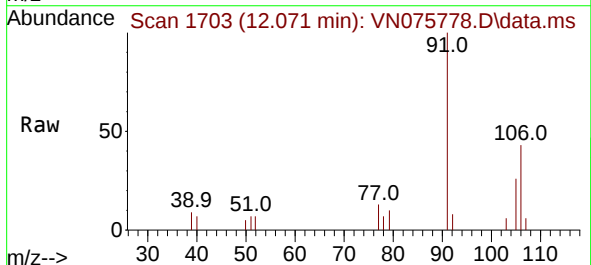
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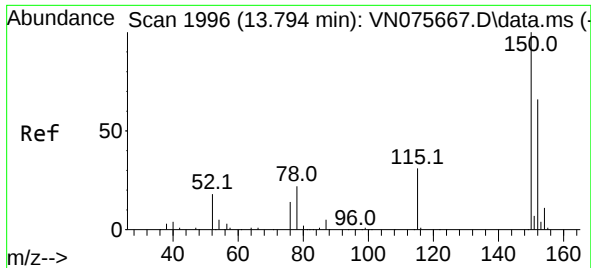
Tgt Ion:117 Resp: 474698  
Ion Ratio Lower Upper  
117 100  
82 49.6 41.3 61.9  
119 32.6 24.6 37.0



#68  
m/p-Xylenes  
Concen: 0.399 ug/l  
RT: 12.071 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: VN075778.D  
Acq: 14 Dec 2022 18:27

Tgt Ion:106 Resp: 2600  
Ion Ratio Lower Upper  
106 100  
91 207.5 156.6 235.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075778.D

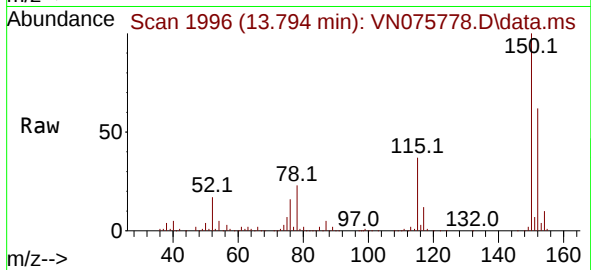
Acq: 14 Dec 2022 18:27

Instrument :

MSVOA\_N

ClientSampleId :

TB-2022-12-12



Tgt Ion:152 Resp: 200720

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.4

150 157.5 0.0 347.0

