

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032323\  
 Data File : VN077145.D  
 Acq On : 23 Mar 2023 13:29  
 Operator : JC\MD  
 Sample : 01849-04DL 2X  
 Misc : 10.42g/10mL/100uL/5.0mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 CB-10-22.0-030823DL

Quant Time: Mar 24 01:34:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031723W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 20 08:50:30 2023  
 Response via : Initial Calibration

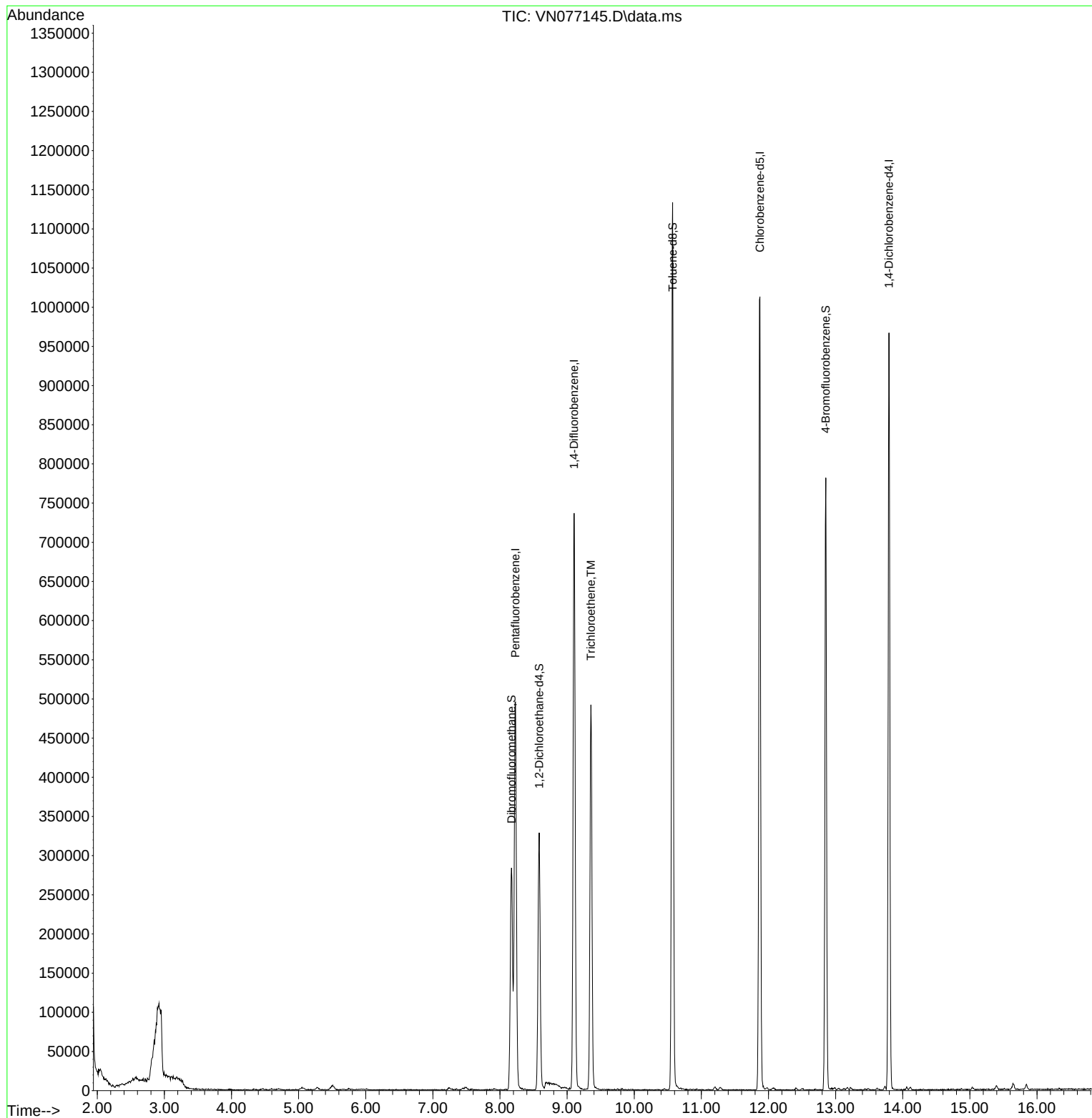
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 8.230  | 168   | 346322   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.101  | 114   | 625955   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 560274   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.795 | 152   | 239911   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 262758   | 47.499   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 95.000%   |
| 35) Dibromofluoromethane    | 8.172  | 113   | 202062   | 46.095   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 92.180%   |
| 50) Toluene-d8              | 10.572 | 98    | 764175   | 48.801   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 97.600%   |
| 62) 4-Bromofluorobenzene    | 12.854 | 95    | 248537   | 44.917   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 89.840%   |
| Target Compounds            |        |       |          |          |       |           |
| 44) Trichloroethene         | 9.354  | 130   | 169698   | 35.579   | ug/l  | Qvalue 99 |
| -----                       |        |       |          |          |       |           |

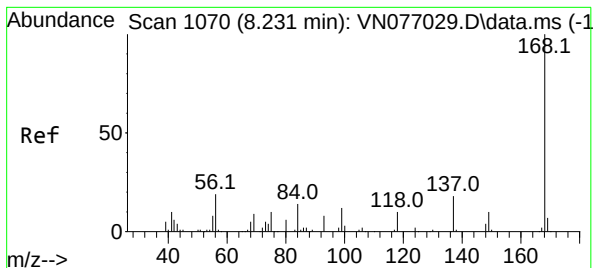
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_N  
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CB-10-22.0-030823DL

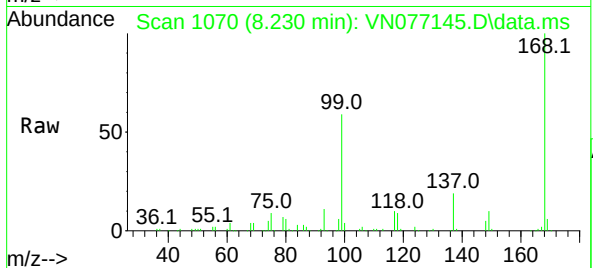
Quant Time: Mar 24 01:34:04 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031723W.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 20 08:50:30 2023  
Response via : Initial Calibration



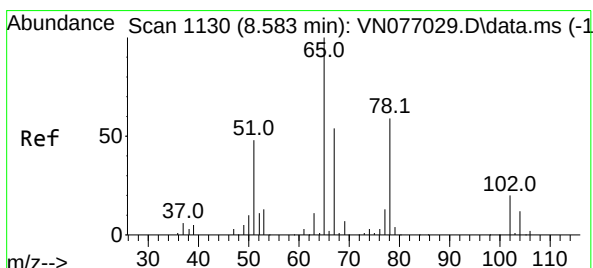
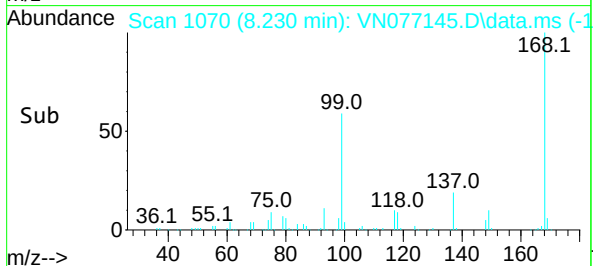
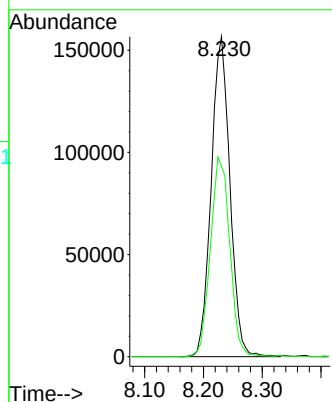


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1070  
Delta R.T. -0.001 min  
Lab File: VN077145.D  
Acq: 23 Mar 2023 13:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
CB-10-22.0-030823DL

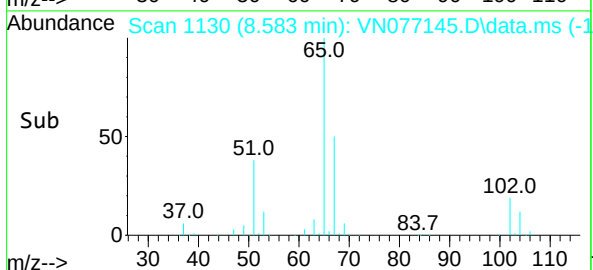
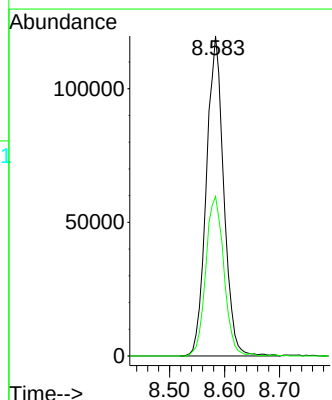
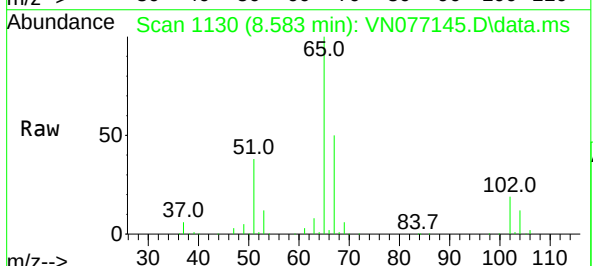


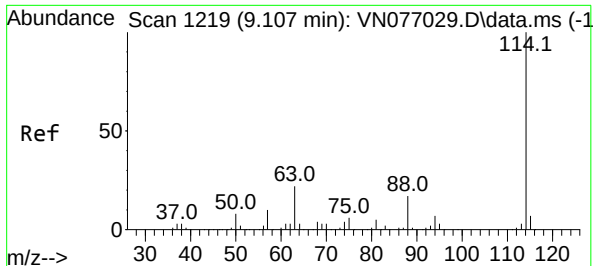
Tgt Ion:168 Resp: 346322  
Ion Ratio Lower Upper  
168 100  
99 59.5 53.9 80.9



#33  
1,2-Dichloroethane-d4  
Concen: 47.499 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN077145.D  
Acq: 23 Mar 2023 13:29

Tgt Ion: 65 Resp: 262758  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077145.D

Acq: 23 Mar 2023 13:29

Instrument :

MSVOA\_N

ClientSampleId :

CB-10-22.0-030823DL

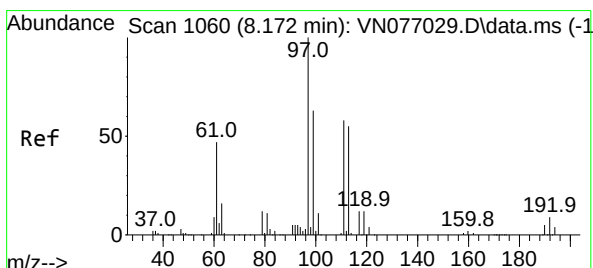
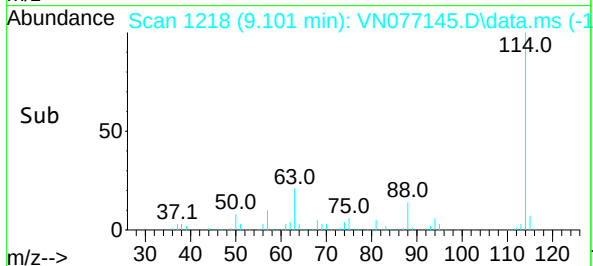
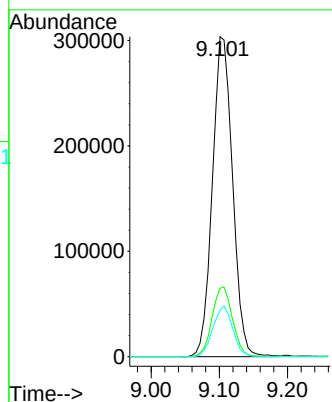
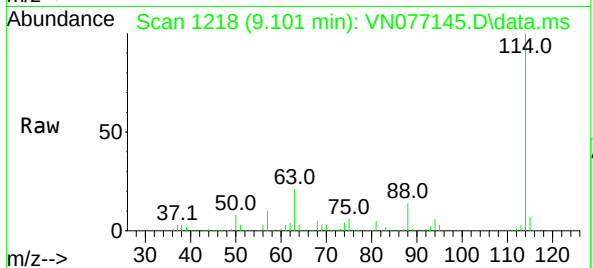
Tgt Ion:114 Resp: 625955

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.6

88 14.5 0.0 33.8



#35

Dibromofluoromethane

Concen: 46.095 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077145.D

Acq: 23 Mar 2023 13:29

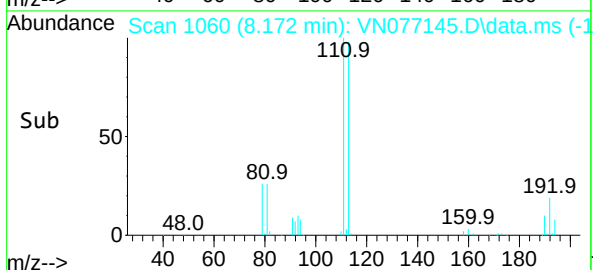
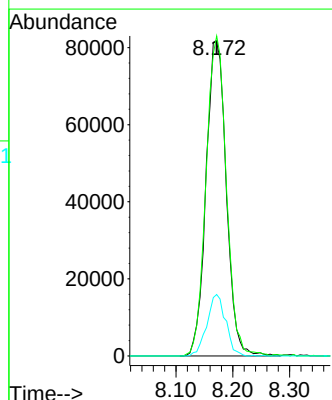
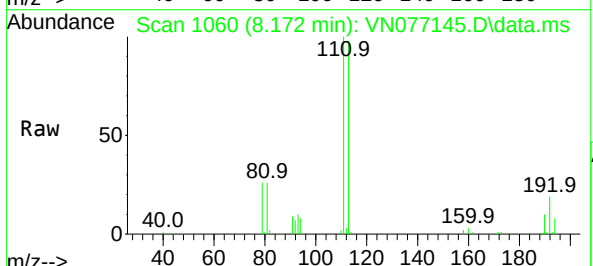
Tgt Ion:113 Resp: 202062

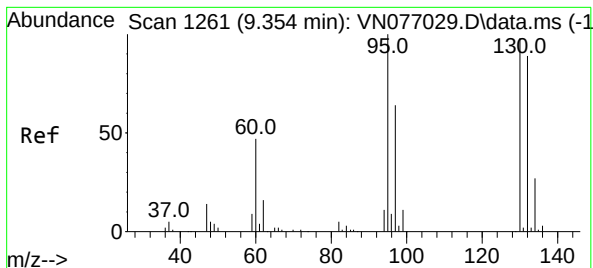
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 18.0 13.0 19.6





#44

Trichloroethene

Concen: 35.579 ug/l

RT: 9.354 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077145.D

Acq: 23 Mar 2023 13:29

Instrument :

MSVOA\_N

ClientSampleId :

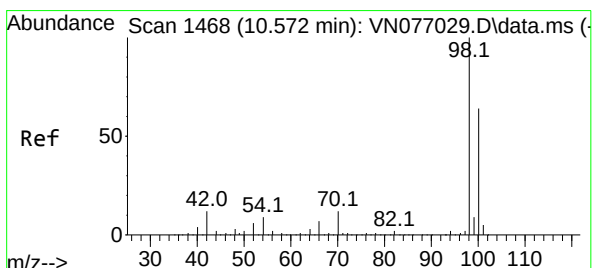
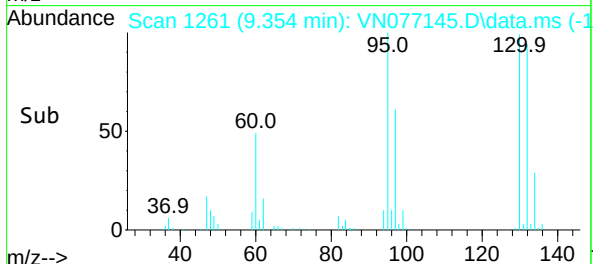
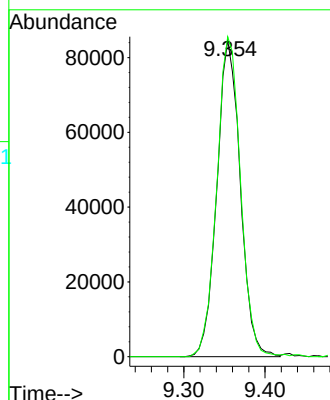
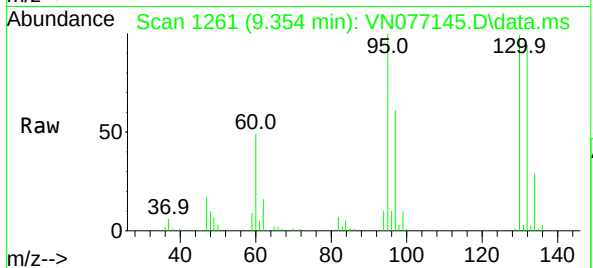
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Tgt Ion:130 Resp: 169698

Ion Ratio Lower Upper

130 100

95 101.1 0.0 204.4



#50

Toluene-d8

Concen: 48.801 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077145.D

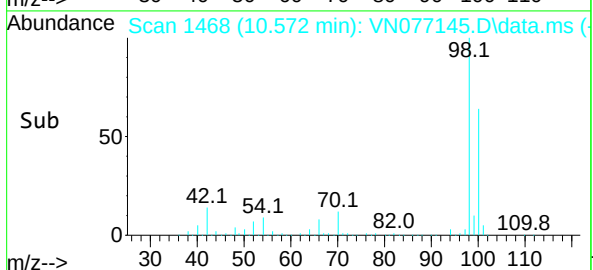
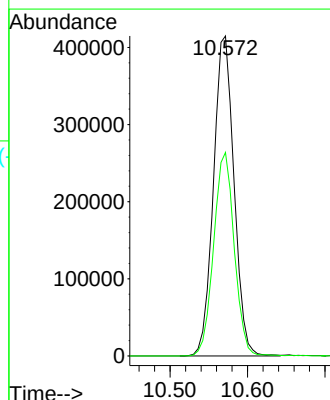
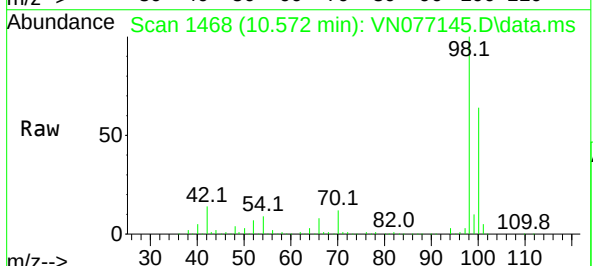
Acq: 23 Mar 2023 13:29

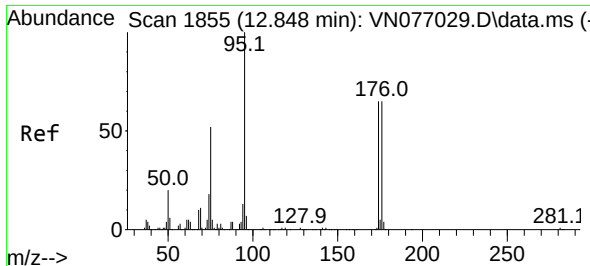
Tgt Ion: 98 Resp: 764175

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4

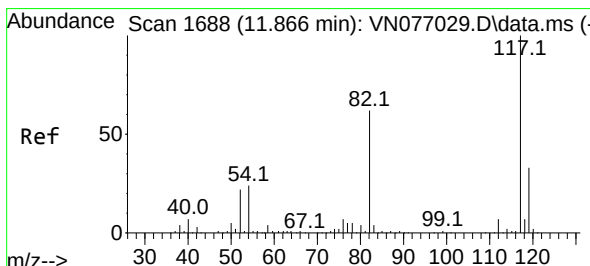
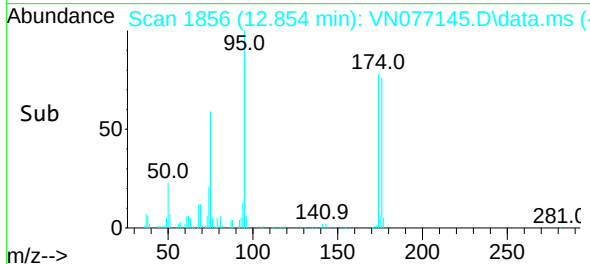
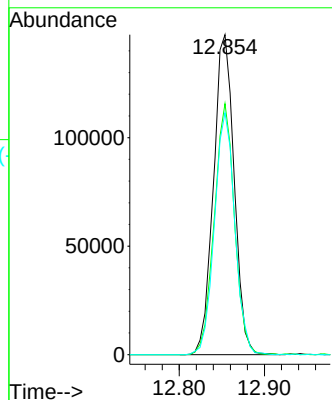
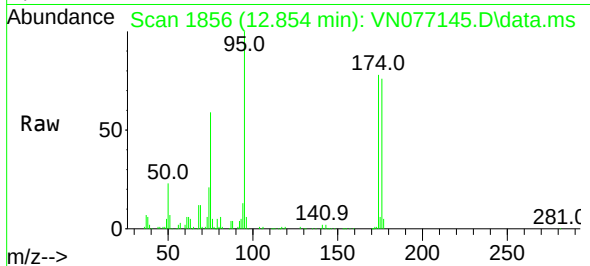




#62  
4-Bromofluorobenzene  
Concen: 44.917 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN077145.D  
Acq: 23 Mar 2023 13:29

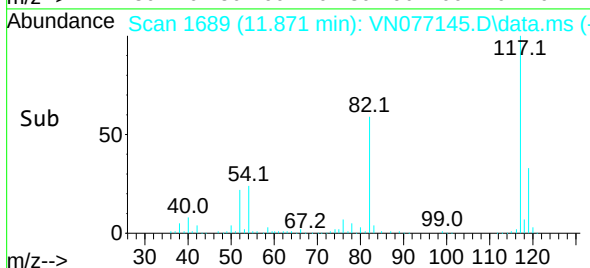
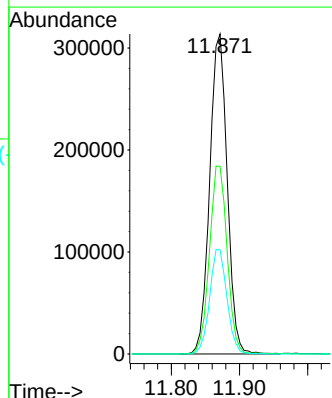
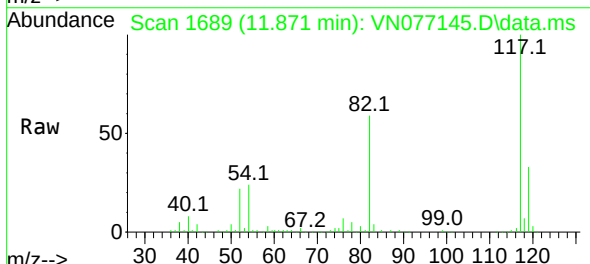
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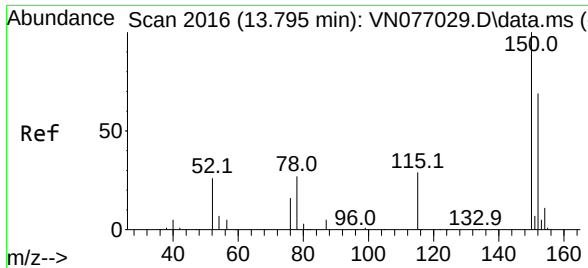
Tgt Ion: 95 Resp: 248537  
Ion Ratio Lower Upper  
95 100  
174 76.9 0.0 136.6  
176 74.4 0.0 130.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1689  
Delta R.T. 0.005 min  
Lab File: VN077145.D  
Acq: 23 Mar 2023 13:29

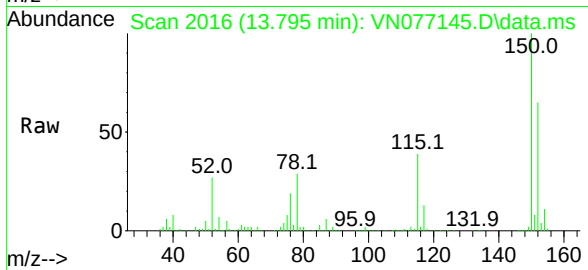
Tgt Ion: 117 Resp: 560274  
Ion Ratio Lower Upper  
117 100  
82 58.7 49.4 74.0  
119 32.5 26.5 39.7





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.795 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN077145.D  
 Acq: 23 Mar 2023 13:29

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Tgt Ion:152 Resp: 239911  
 Ion Ratio Lower Upper  
 152 100  
 115 60.3 31.9 95.7  
 150 159.7 0.0 348.0

