

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022222\  
 Data File : VN071024.D  
 Acq On : 22 Feb 2022 13:34  
 Operator : JC\MD  
 Sample : N1629-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-TT-MW161S1-GW-220-222

Quant Time: Feb 23 00:58:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 21 07:57:15 2022  
 Response via : Initial Calibration

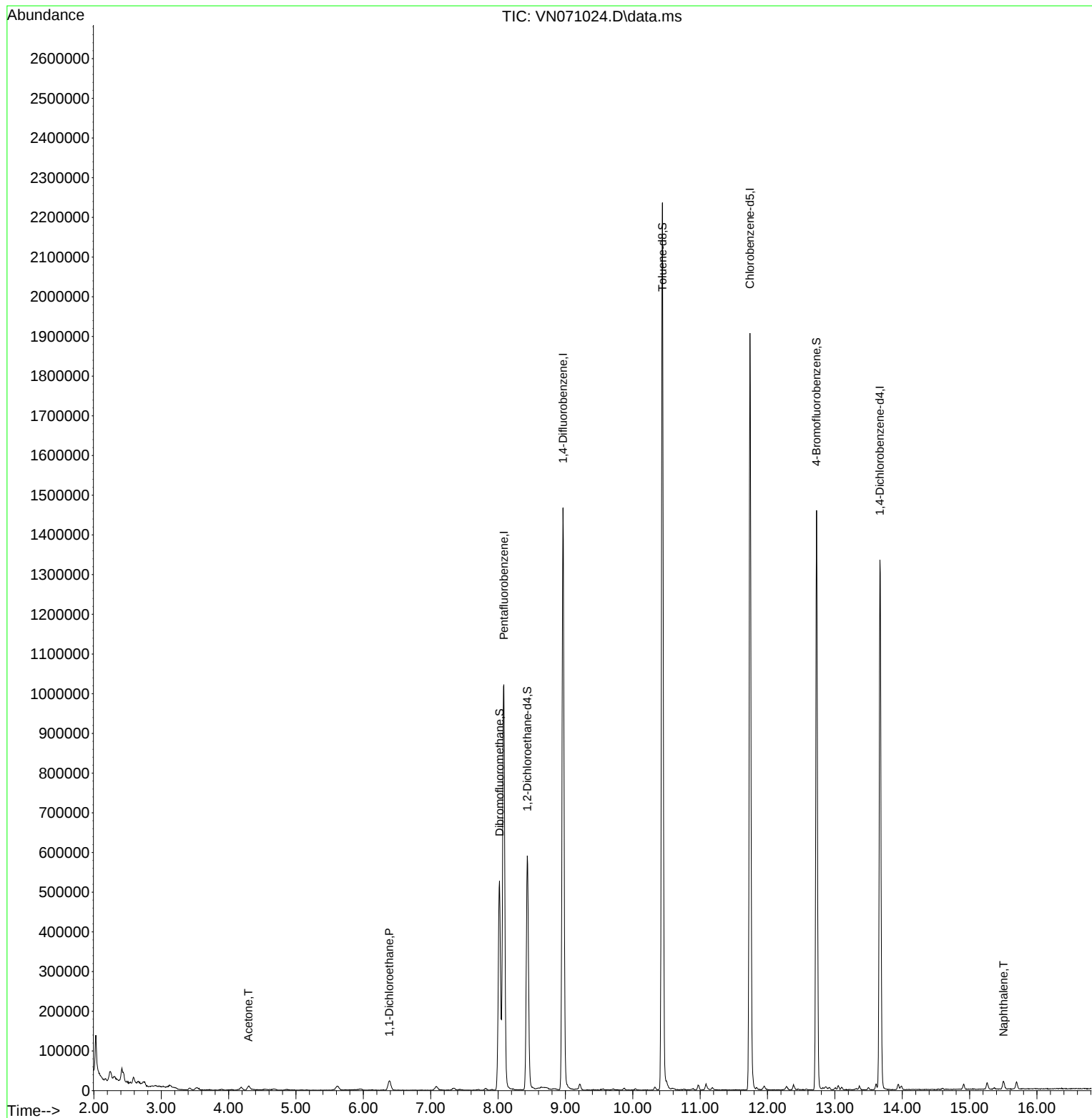
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.086     | 168   | 818147   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963     | 114   | 1307475  | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.739    | 117   | 1131347  | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668    | 152   | 389627   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.434     | 65    | 492860   | 52.736   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =     | 105.480% |
| 35) Dibromofluoromethane    | 8.022     | 113   | 384347   | 49.422   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =     | 98.840%  |
| 50) Toluene-d8              | 10.439    | 98    | 1546094  | 49.505   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =     | 99.000%  |
| 62) 4-Bromofluorobenzene    | 12.727    | 95    | 512186   | 45.881   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =     | 91.760%  |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 4.293     | 43    | 14648    | 2.846    | ug/l  | 95       |
| 24) 1,1-Dichloroethane      | 6.387     | 63    | 36535    | 2.225    | ug/l  | 97       |
| 95) Naphthalene             | 15.504    | 128   | 20659    | 6.057    | ug/l  | 95       |
| -----                       |           |       |          |          |       |          |

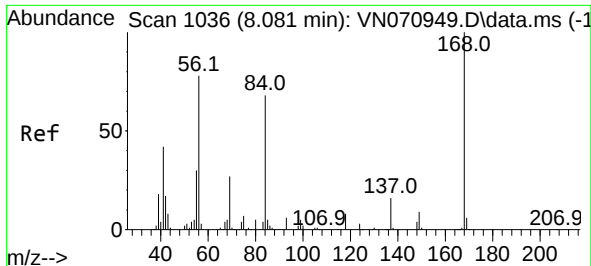
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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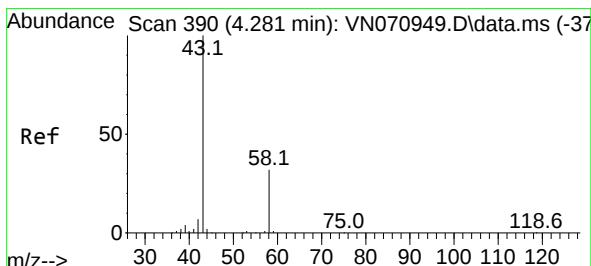
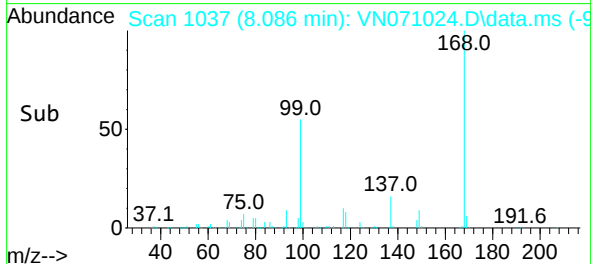
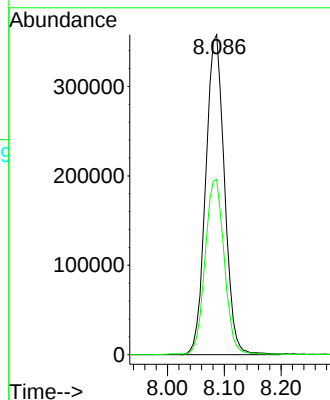
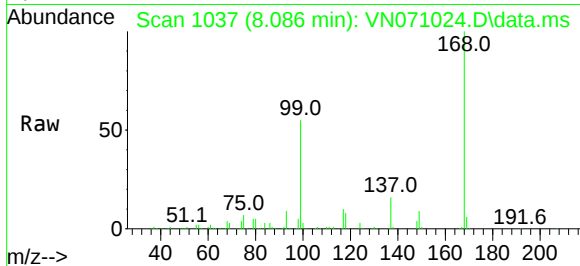




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 1036  
Delta R.T. 0.005 min  
Lab File: VN071024.D  
Acq: 22 Feb 2022 13:34

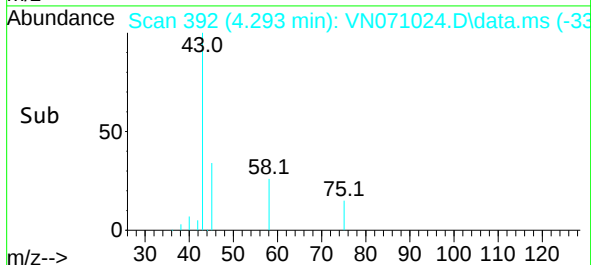
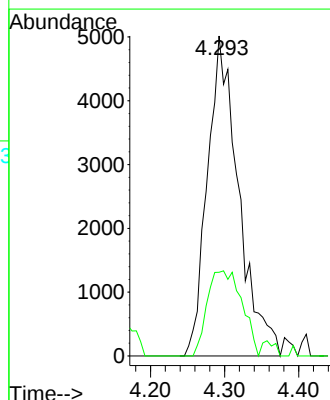
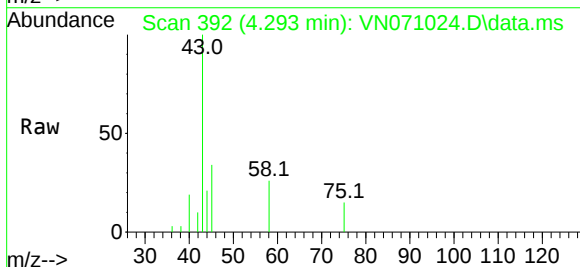
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-TT-MW161S1-GW-220-222

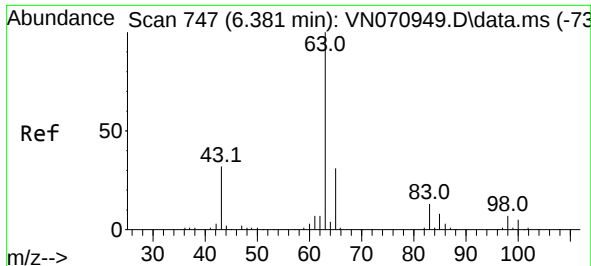
Tgt Ion:168 Resp: 818147  
Ion Ratio Lower Upper  
168 100  
99 54.6 41.3 61.9



#16  
Acetone  
Concen: 2.846 ug/l  
RT: 4.293 min Scan# 392  
Delta R.T. 0.012 min  
Lab File: VN071024.D  
Acq: 22 Feb 2022 13:34

Tgt Ion: 43 Resp: 14648  
Ion Ratio Lower Upper  
43 100  
58 26.2 23.1 34.7

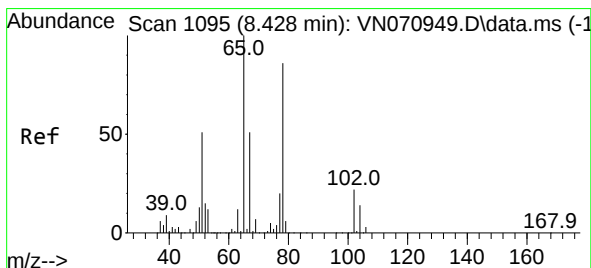
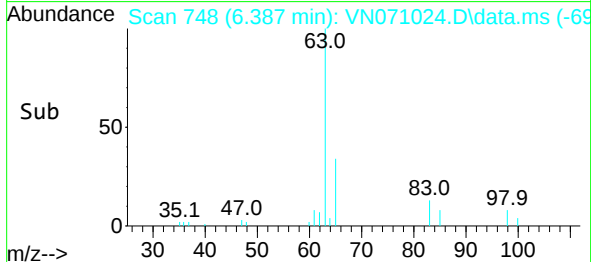
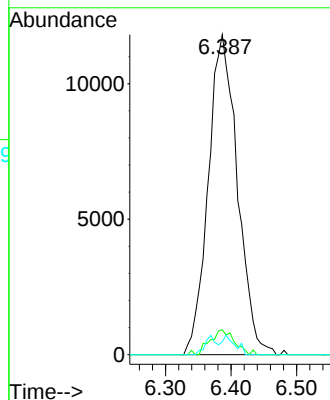
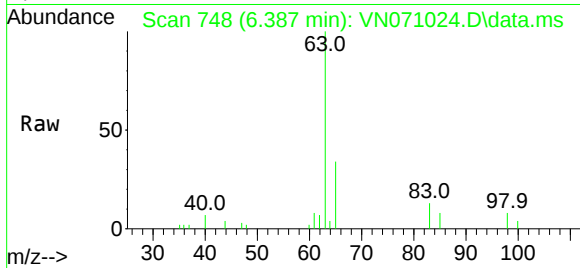




#24  
 1,1-Dichloroethane  
 Concen: 2.225 ug/l  
 RT: 6.387 min Scan# 74  
 Delta R.T. 0.006 min  
 Lab File: VN071024.D  
 Acq: 22 Feb 2022 13:34

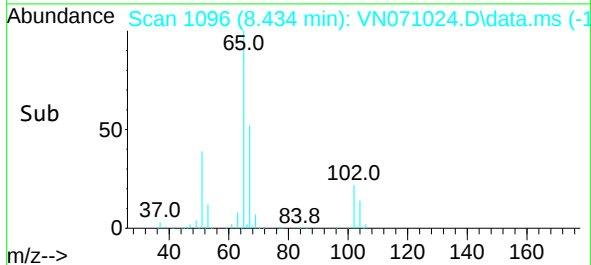
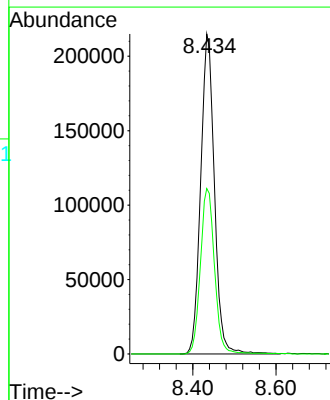
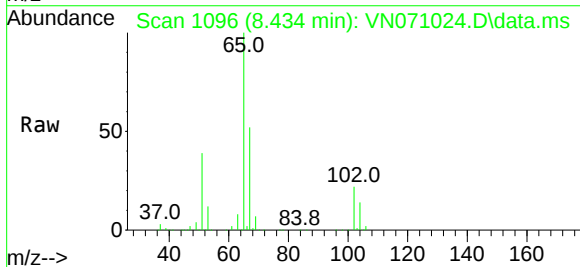
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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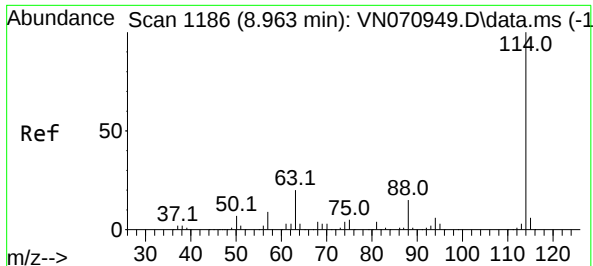
Tgt Ion: 63 Resp: 36535  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.3 9.9  
 100 4.0 2.1 6.5



#33  
 1,2-Dichloroethane-d4  
 Concen: 52.736 ug/l  
 RT: 8.434 min Scan# 1096  
 Delta R.T. 0.006 min  
 Lab File: VN071024.D  
 Acq: 22 Feb 2022 13:34

Tgt Ion: 65 Resp: 492860  
 Ion Ratio Lower Upper  
 65 100  
 67 52.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071024.D

Acq: 22 Feb 2022 13:34

Instrument :

MSVOA\_N

ClientSampleId :

BP-TT-MW161S1-GW-220-222

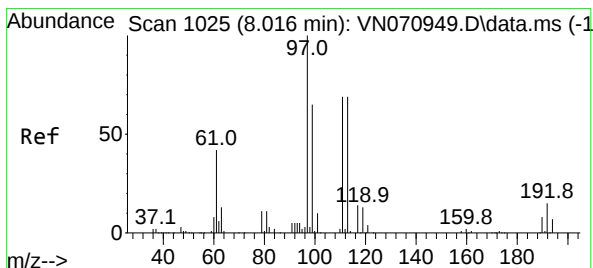
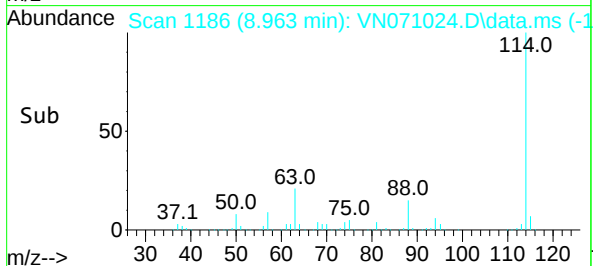
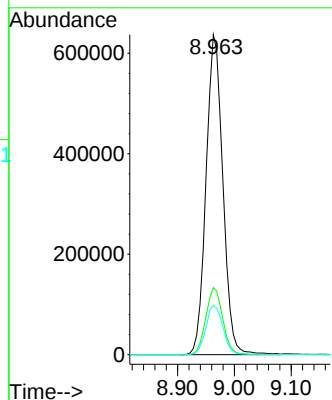
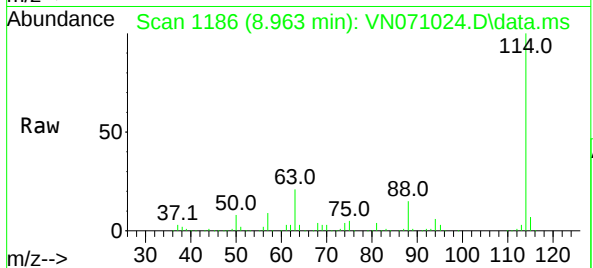
Tgt Ion:114 Resp: 1307475

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.8

88 15.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.422 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071024.D

Acq: 22 Feb 2022 13:34

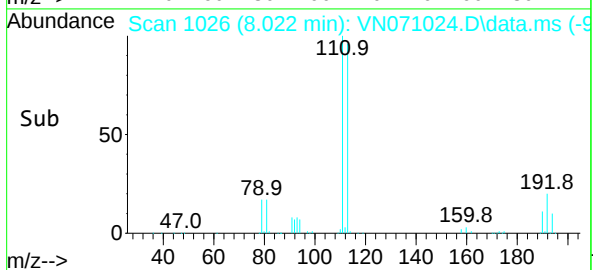
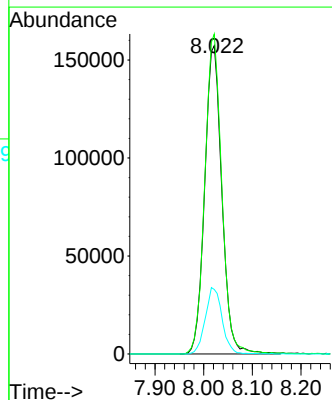
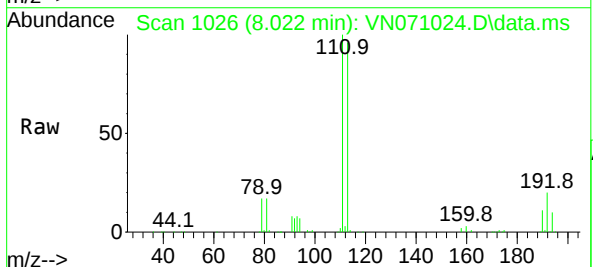
Tgt Ion:113 Resp: 384347

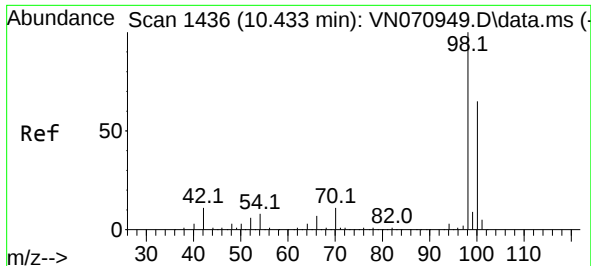
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 21.1 16.9 25.3

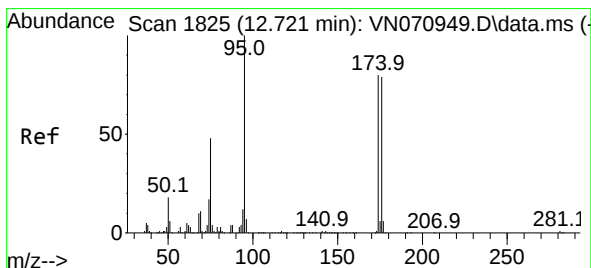
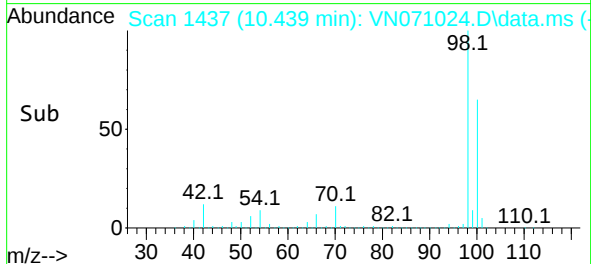
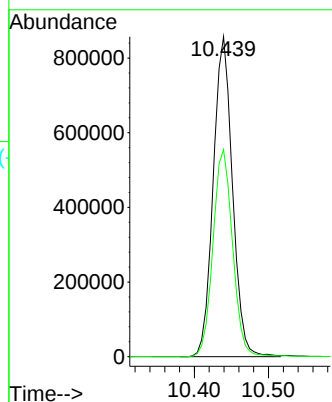
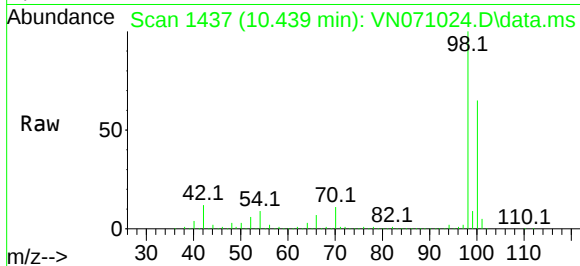




#50  
Toluene-d8  
Concen: 49.505 ug/l  
RT: 10.439 min Scan# 1436  
Delta R.T. 0.006 min  
Lab File: VN071024.D  
Acq: 22 Feb 2022 13:34

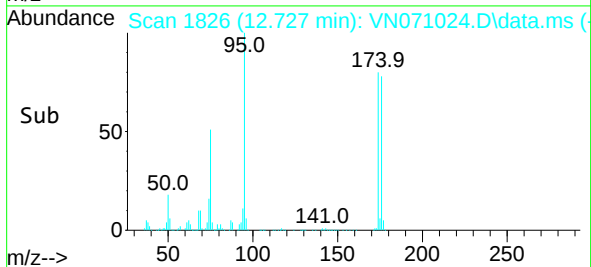
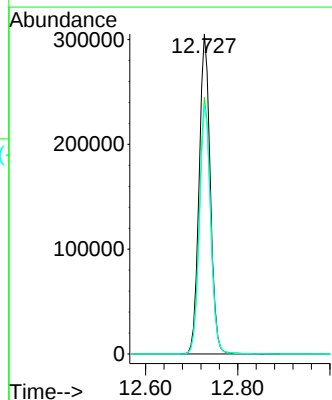
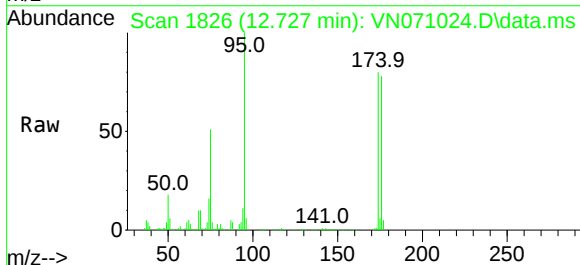
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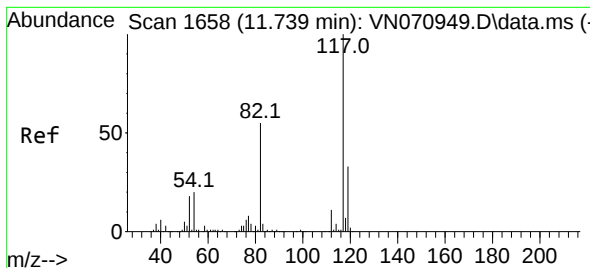
Tgt Ion: 98 Resp: 1546094  
Ion Ratio Lower Upper  
98 100  
100 66.0 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 45.881 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN071024.D  
Acq: 22 Feb 2022 13:34

Tgt Ion: 95 Resp: 512186  
Ion Ratio Lower Upper  
95 100  
174 81.3 0.0 187.2  
176 77.6 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071024.D

Acq: 22 Feb 2022 13:34

Instrument :

MSVOA\_N

ClientSampleId :

BP-TT-MW161S1-GW-220-222

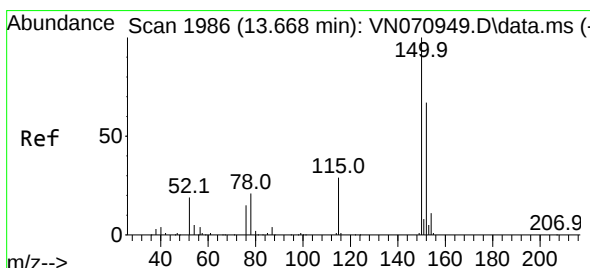
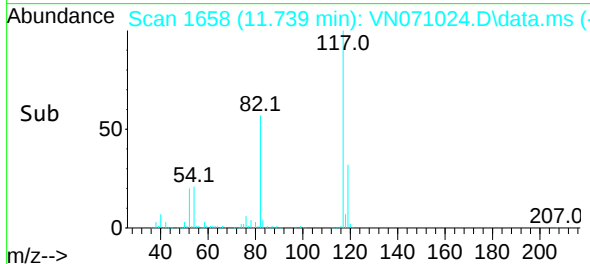
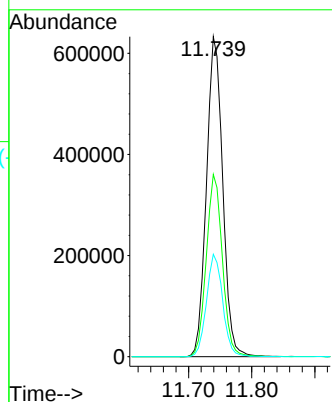
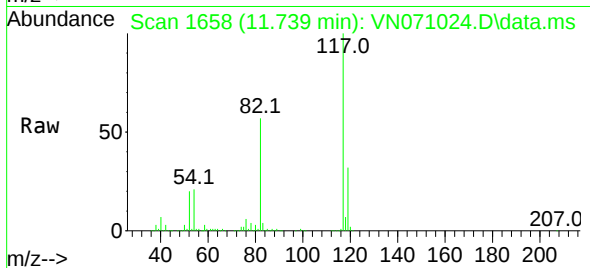
Tgt Ion:117 Resp: 1131347

Ion Ratio Lower Upper

117 100

82 57.0 42.4 63.6

119 32.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN071024.D

Acq: 22 Feb 2022 13:34

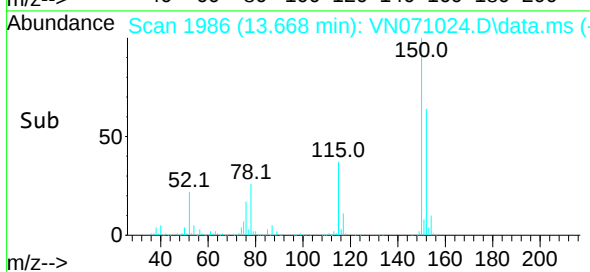
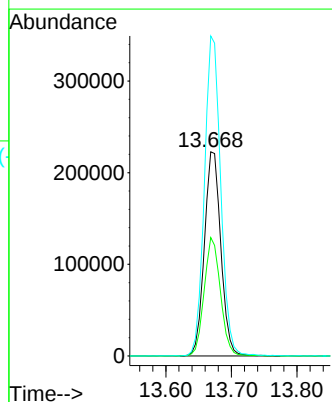
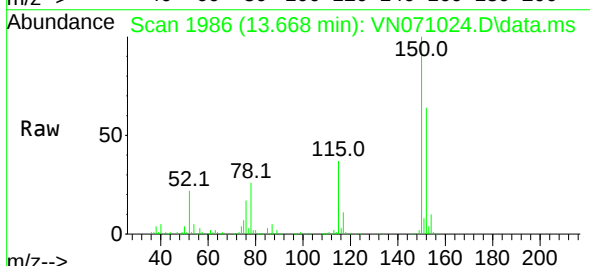
Tgt Ion:152 Resp: 389627

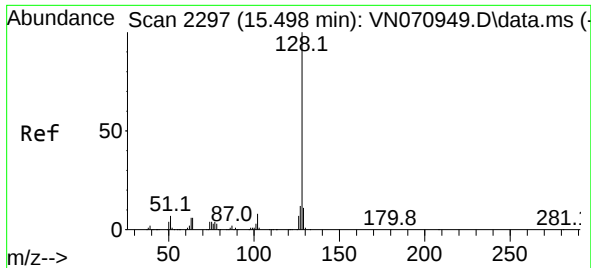
Ion Ratio Lower Upper

152 100

115 57.4 27.5 82.5

150 155.4 0.0 344.4





#95

Naphthalene

Concen: 6.057 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071024.D

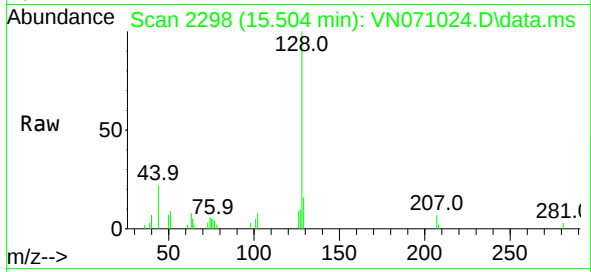
Acq: 22 Feb 2022 13:34

Instrument :

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Tgt Ion:128 Resp: 20659

Ion Ratio Lower Upper

128 100

127 11.5 10.5 15.7

129 12.8 8.7 13.1

