

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042222\  
 Data File : VN072155.D  
 Acq On : 22 Apr 2022 14:34  
 Operator : JC\MD  
 Sample : N2526-08  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MH-5D

Quant Time: Apr 23 03:17:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

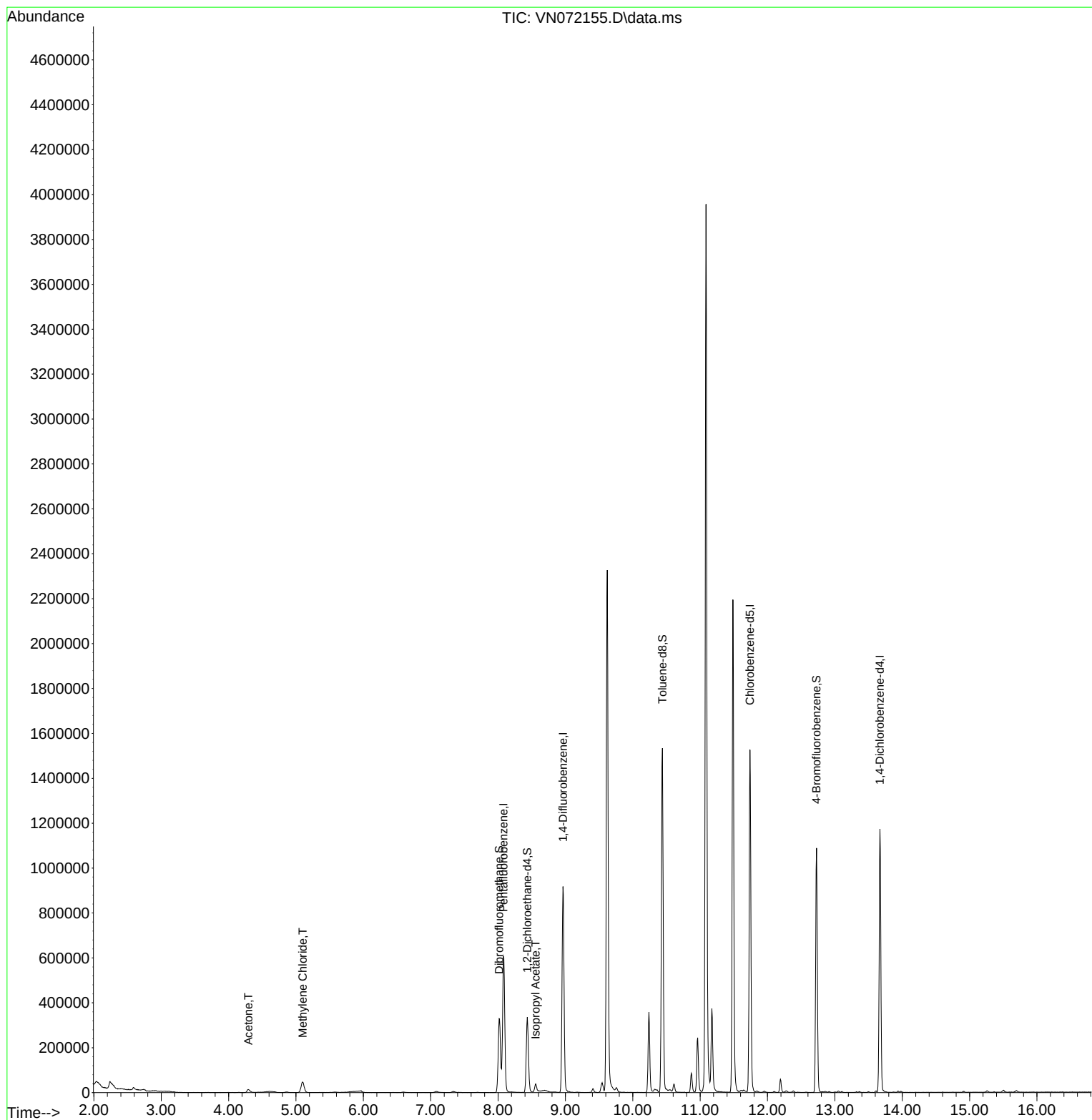
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.081  | 168   | 512558   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 872755   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 969374   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.669 | 152   | 355906   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 272526   | 46.574   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 93.140%  |
| 35) Dibromofluoromethane    | 8.016  | 113   | 249438   | 48.570   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 97.140%  |
| 50) Toluene-d8              | 10.439 | 98    | 1136965  | 54.118   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 108.240% |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 391364   | 57.599   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 115.200% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.293  | 43    | 24060    | 9.621    | ug/l   | 94       |
| 20) Methylene Chloride      | 5.099  | 84    | 41385    | 7.852    | ug/l   | 90       |
| 43) Isopropyl Acetate       | 8.557  | 43    | 43690    | 3.346    | ug/l # | 92       |
| -----                       |        |       |          |          |        |          |

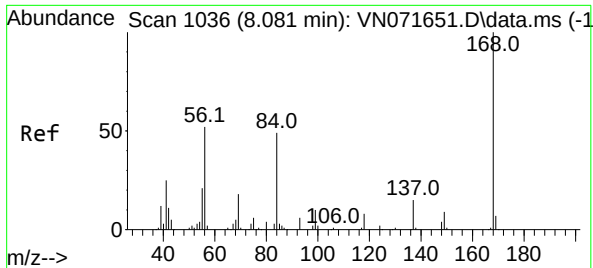
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 31 01:57:54 2022  
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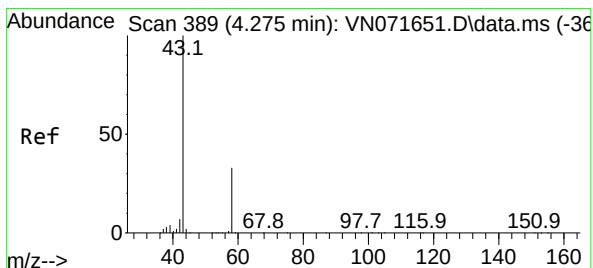
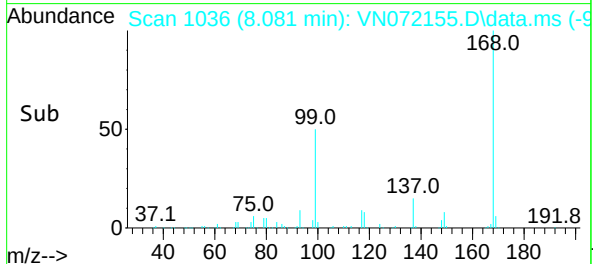
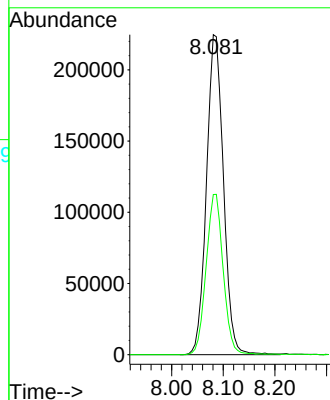
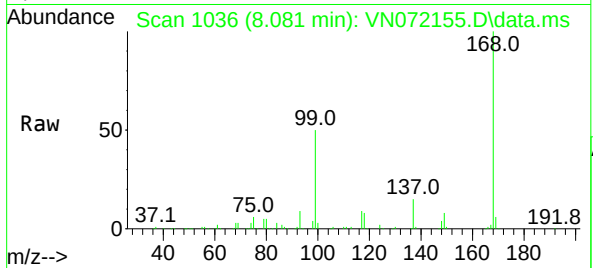




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072155.D  
Acq: 22 Apr 2022 14:34

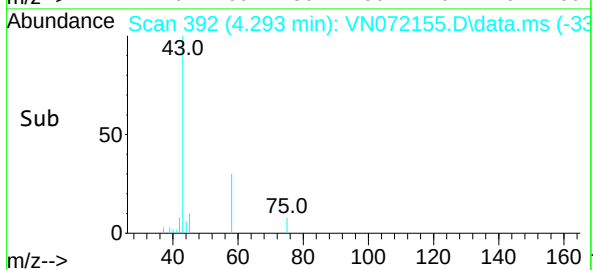
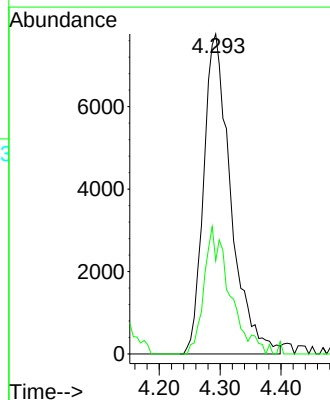
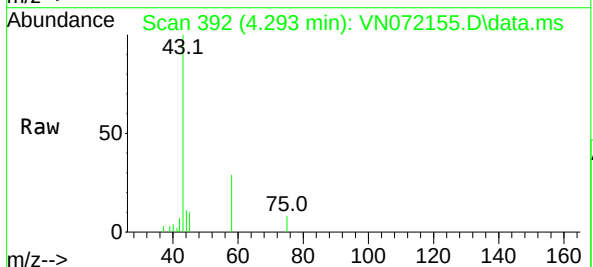
Instrument :  
MSVOA\_N  
ClientSampleId :  
MH-5D

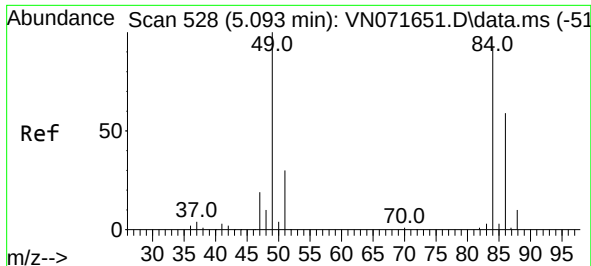
Tgt Ion:168 Resp: 512558  
Ion Ratio Lower Upper  
168 100  
99 50.1 42.3 63.5



#16  
Acetone  
Concen: 9.621 ug/l  
RT: 4.293 min Scan# 392  
Delta R.T. 0.018 min  
Lab File: VN072155.D  
Acq: 22 Apr 2022 14:34

Tgt Ion: 43 Resp: 24060  
Ion Ratio Lower Upper  
43 100  
58 29.2 26.0 39.0



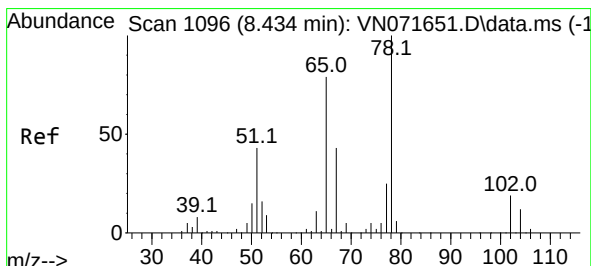
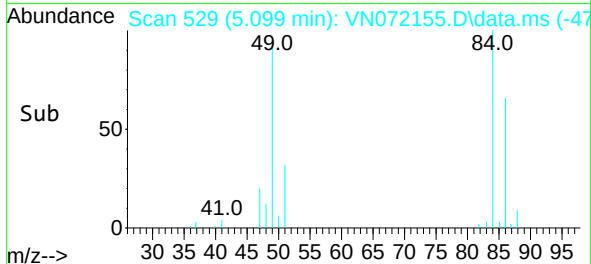
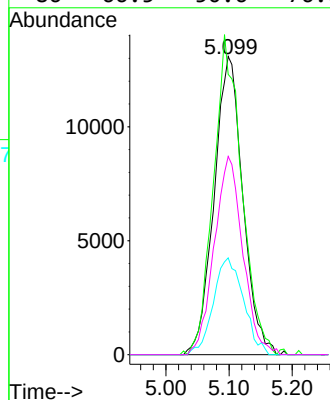
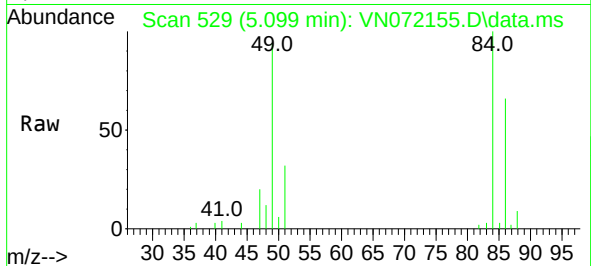


#20  
Methylene Chloride  
Concen: 7.852 ug/l  
RT: 5.099 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN072155.D  
Acq: 22 Apr 2022 14:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
MH-5D

Tgt Ion: 84 Resp: 41385

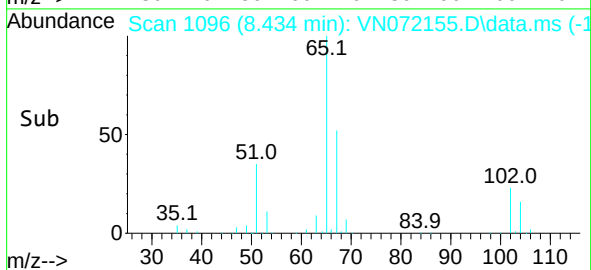
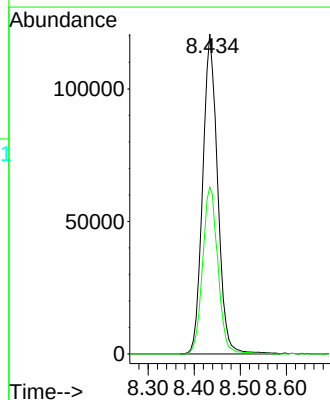
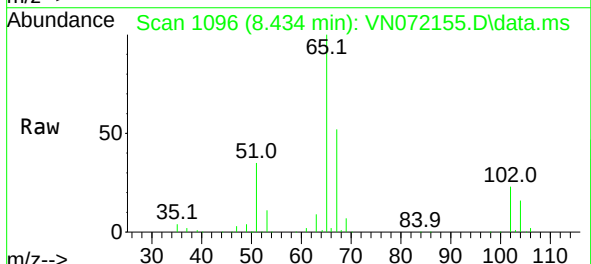
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 94.0  | 88.3  | 132.5 |
| 51  | 32.4  | 28.2  | 42.2  |
| 86  | 66.5  | 50.6  | 76.0  |

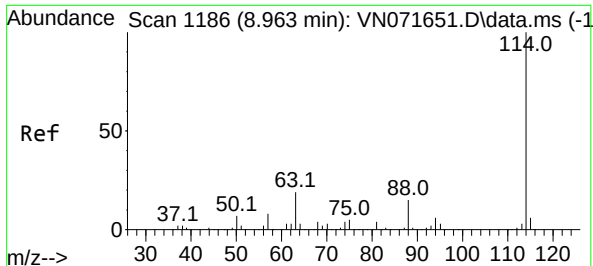


#33  
1,2-Dichloroethane-d4  
Concen: 46.574 ug/l  
RT: 8.434 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: VN072155.D  
Acq: 22 Apr 2022 14:34

Tgt Ion: 65 Resp: 272526

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 53.4  | 0.0   | 104.8 |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072155.D

Acq: 22 Apr 2022 14:34

Instrument :

MSVOA\_N

ClientSampleId :

MH-5D

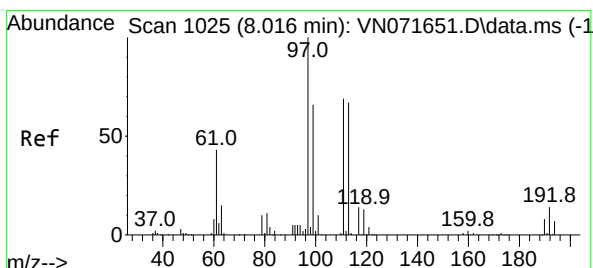
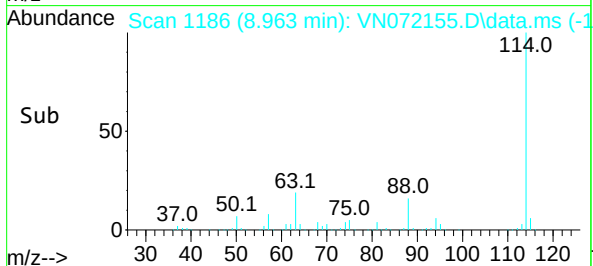
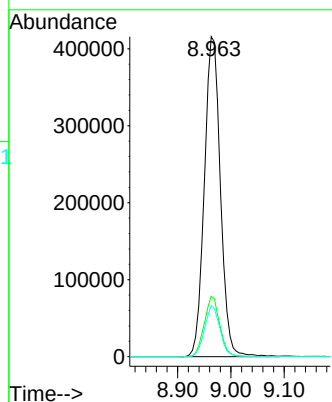
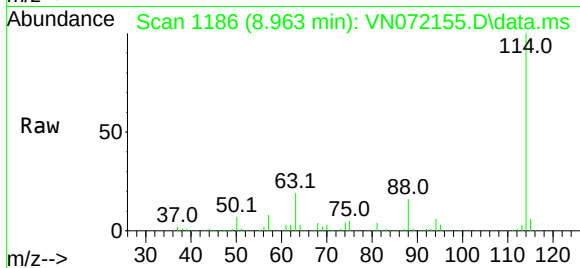
Tgt Ion:114 Resp: 872755

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.570 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072155.D

Acq: 22 Apr 2022 14:34

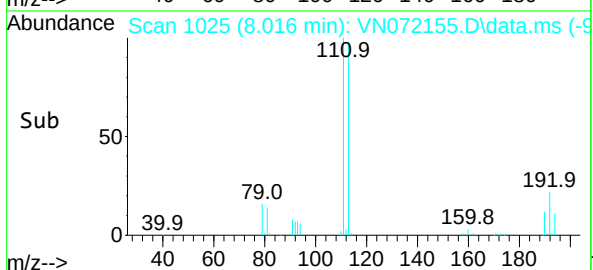
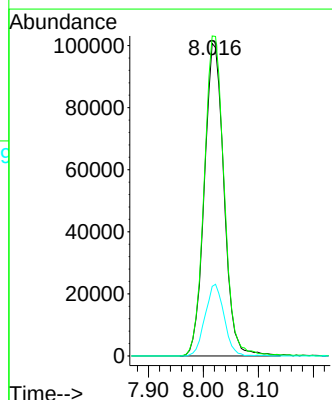
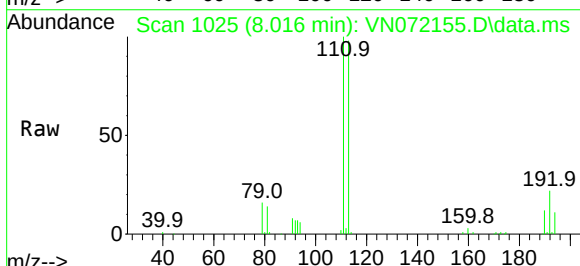
Tgt Ion:113 Resp: 249438

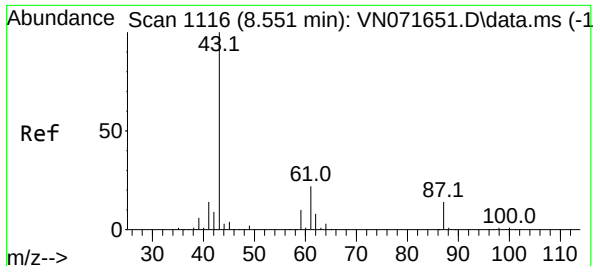
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 22.2 17.0 25.6





#43

Isopropyl Acetate

Concen: 3.346 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN072155.D

Acq: 22 Apr 2022 14:34

Instrument :

MSVOA\_N

ClientSampleId :

MH-5D

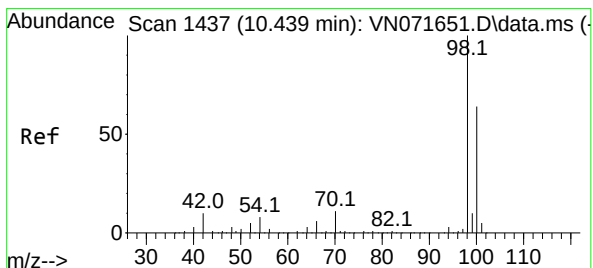
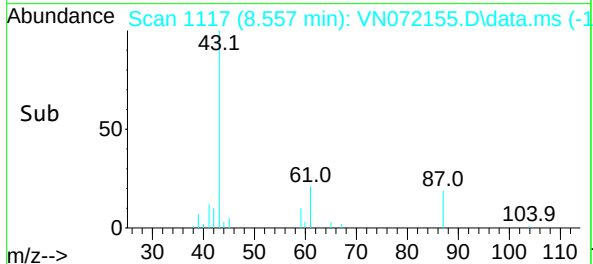
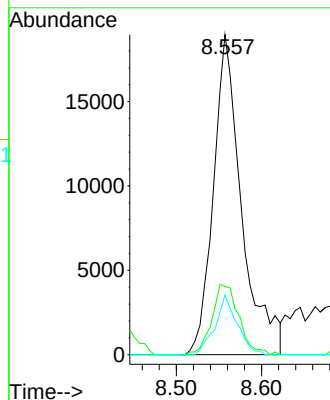
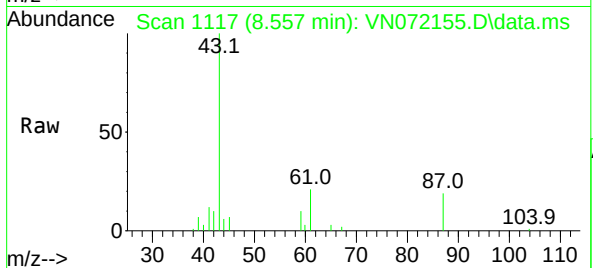
Tgt Ion: 43 Resp: 43690

Ion Ratio Lower Upper

43 100

61 21.0 21.9 32.9#

87 14.5 12.0 18.0



#50

Toluene-d8

Concen: 54.118 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072155.D

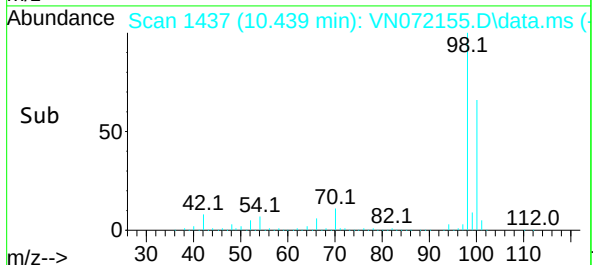
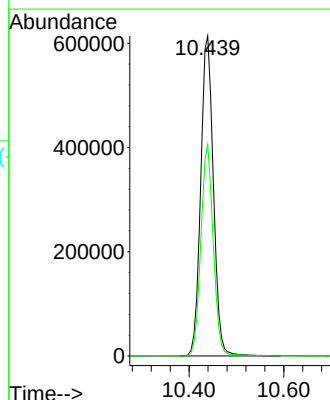
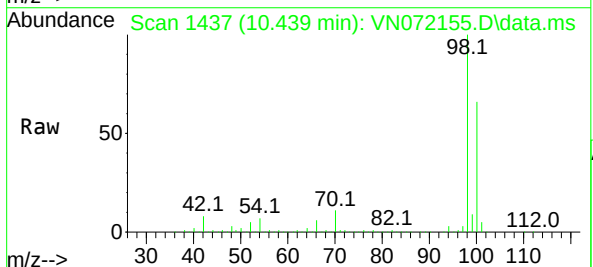
Acq: 22 Apr 2022 14:34

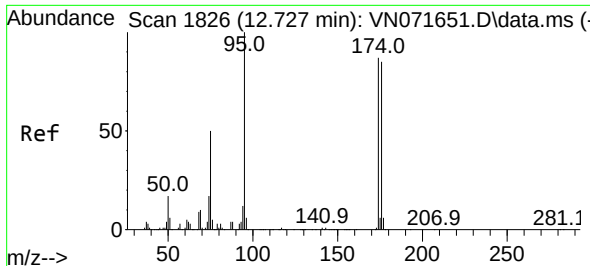
Tgt Ion: 98 Resp: 1136965

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8

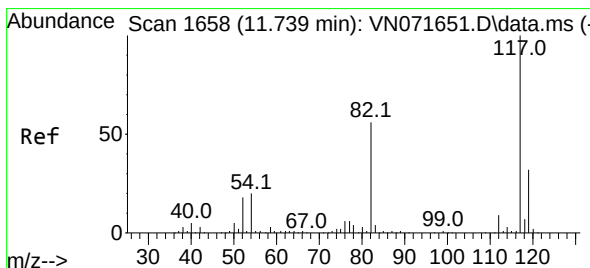
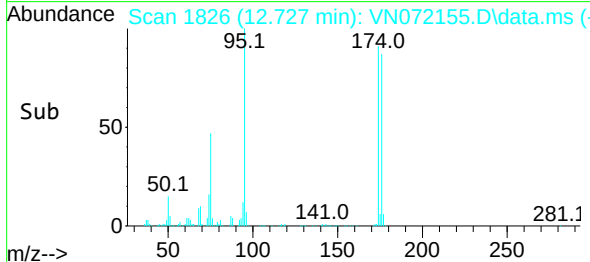
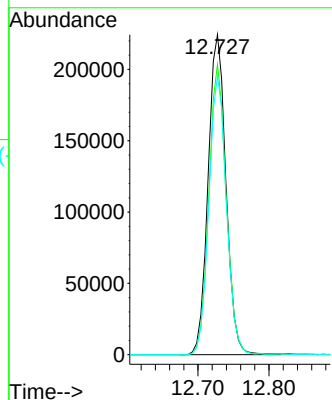
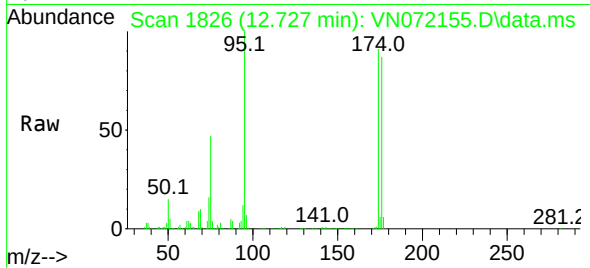




#62  
4-Bromofluorobenzene  
Concen: 57.599 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072155.D  
Acq: 22 Apr 2022 14:34

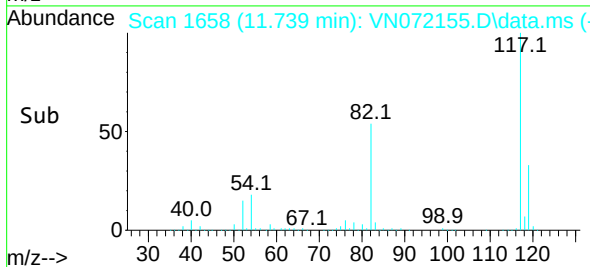
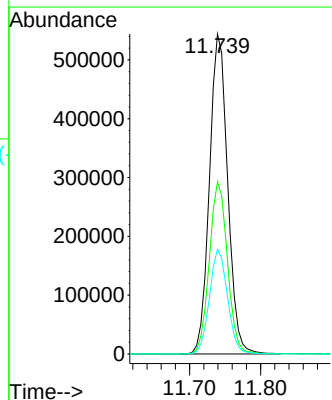
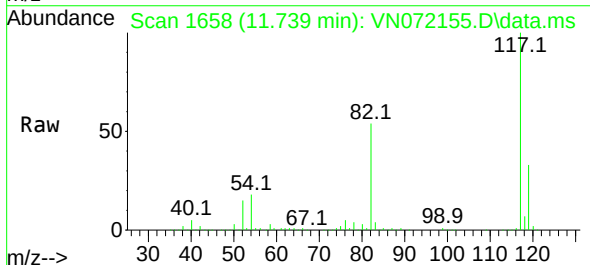
Instrument :  
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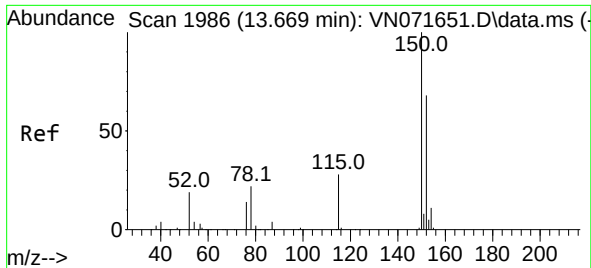
Tgt Ion: 95 Resp: 391364  
Ion Ratio Lower Upper  
95 100  
174 88.8 0.0 167.6  
176 85.5 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072155.D  
Acq: 22 Apr 2022 14:34

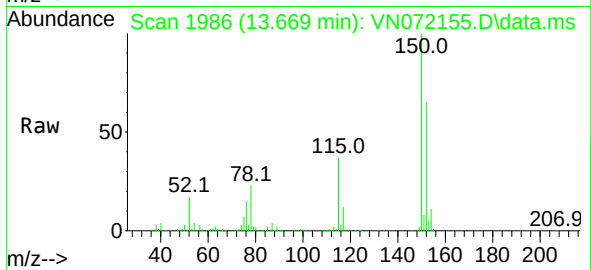
Tgt Ion: 117 Resp: 969374  
Ion Ratio Lower Upper  
117 100  
82 53.8 44.2 66.2  
119 32.7 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.669 min Scan# 1986  
 Delta R.T. -0.000 min  
 Lab File: VN072155.D  
 Acq: 22 Apr 2022 14:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MH-5D



Tgt Ion:152 Resp: 355906  
 Ion Ratio Lower Upper  
 152 100  
 115 56.4 28.9 86.7  
 150 157.5 0.0 356.2

