

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042922\  
 Data File : VN072280.D  
 Acq On : 29 Apr 2022 19:22  
 Operator : JC\MD  
 Sample : N2617-14  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-16

Quant Time: Apr 30 03:17:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

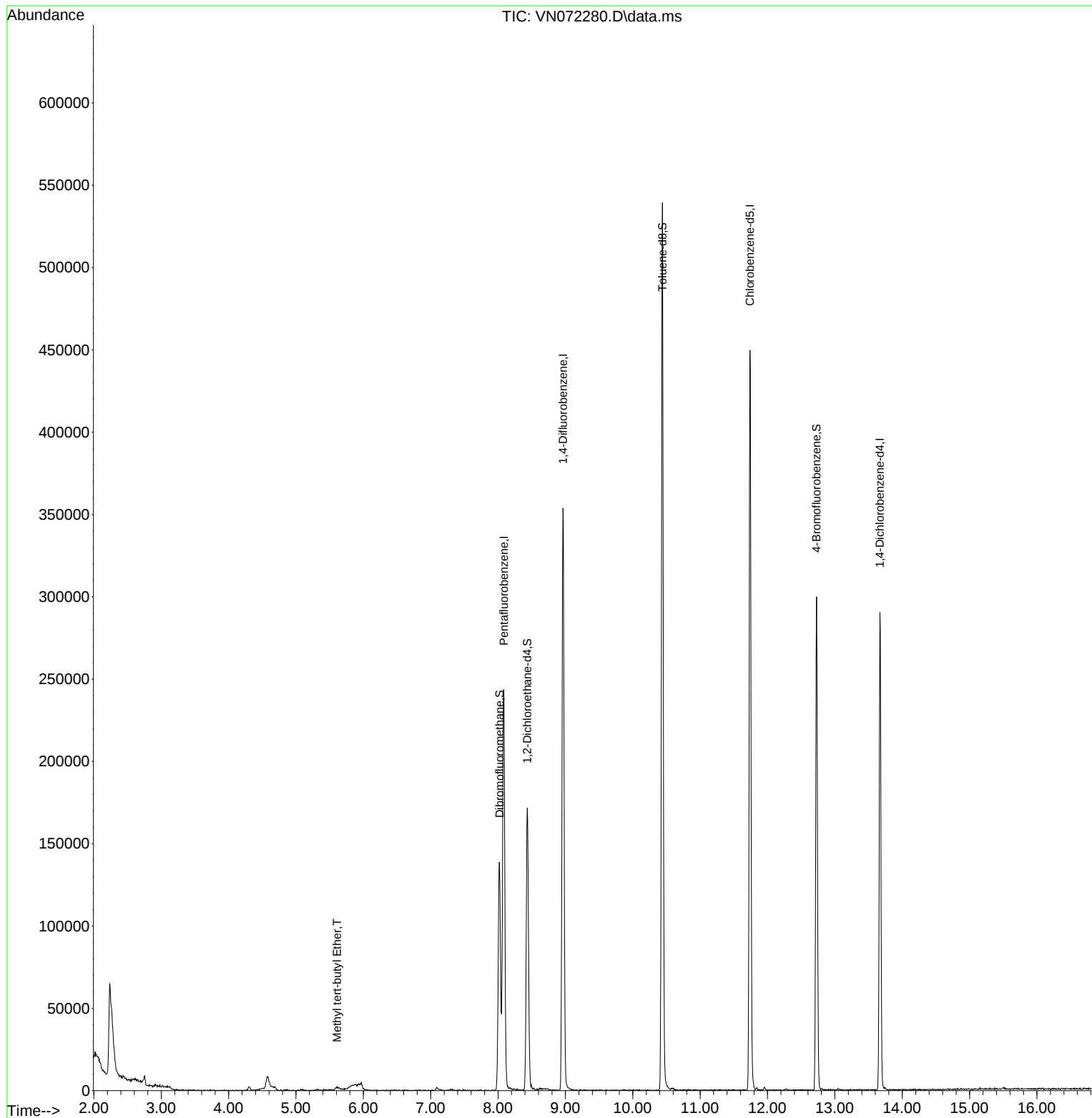
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 8.086  | 168   | 172950   | 50.000   | ug/l       | # 0.00    |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 298614   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 255107   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.668 | 152   | 75821    | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 160150   | 60.316   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 120.640% |           |
| 35) Dibromofluoromethane    | 8.022  | 113   | 101888   | 53.308   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 106.620% |           |
| 50) Toluene-d8              | 10.439 | 98    | 362188   | 48.226   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 96.460%  |           |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 108380   | 43.477   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 86.960%  |           |
| Target Compounds            |        |       |          |          |            |           |
| 19) Methyl tert-butyl Ether | 5.610  | 73    | 2039     | 0.315    | ug/l       | Qvalue 98 |
| -----                       |        |       |          |          |            |           |

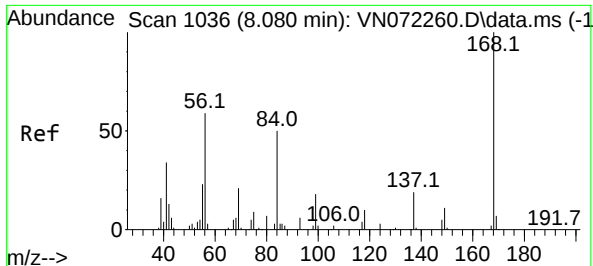
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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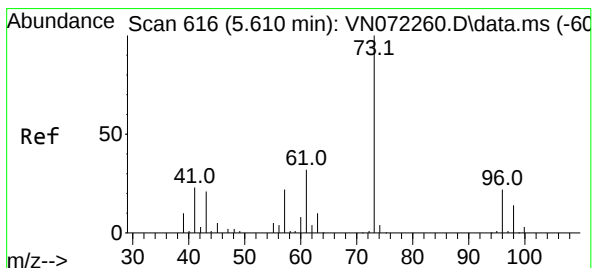
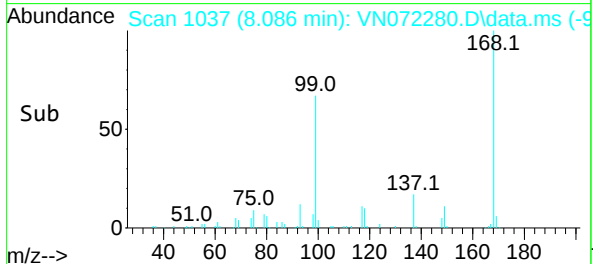
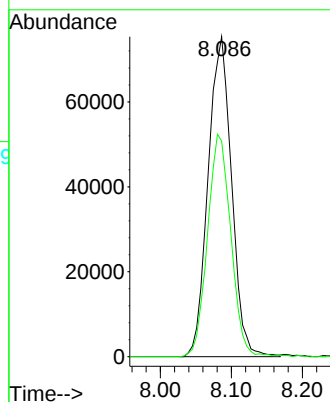
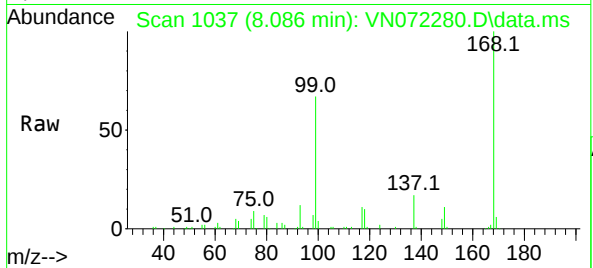




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 1036  
Delta R.T. 0.005 min  
Lab File: VN072280.D  
Acq: 29 Apr 2022 19:22

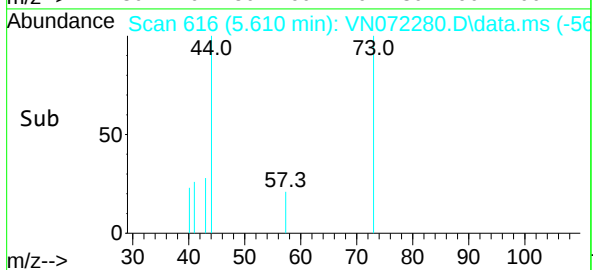
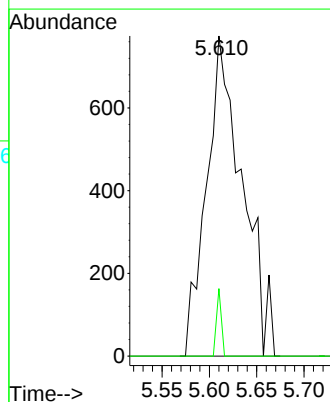
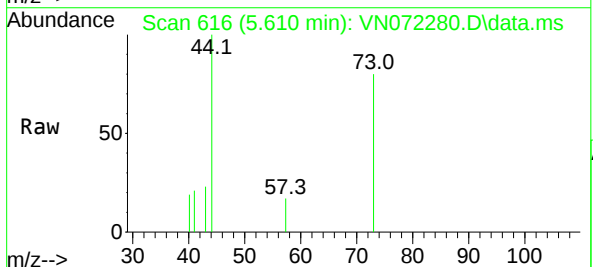
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-16

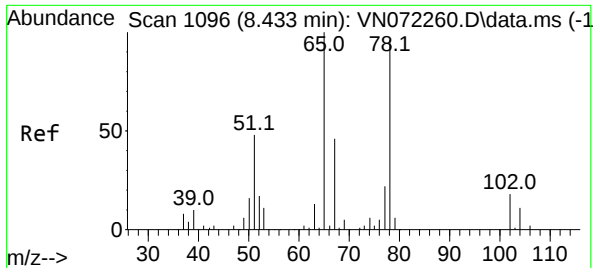
Tgt Ion:168 Resp: 172950  
Ion Ratio Lower Upper  
168 100  
99 67.4 42.3 63.5#



#19  
Methyl tert-butyl Ether  
Concen: 0.315 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VN072280.D  
Acq: 29 Apr 2022 19:22

Tgt Ion: 73 Resp: 2039  
Ion Ratio Lower Upper  
73 100  
57 21.1 17.6 26.4

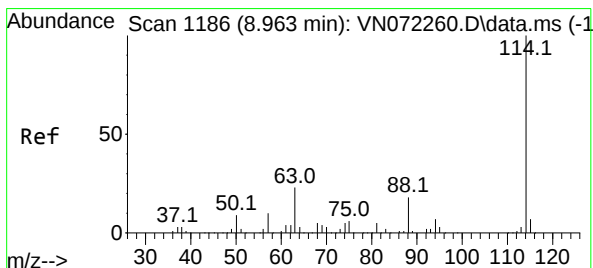
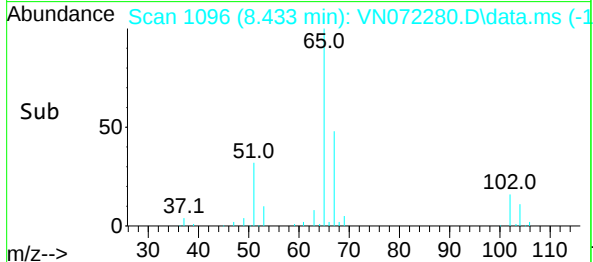
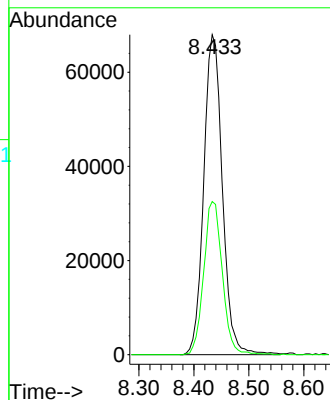
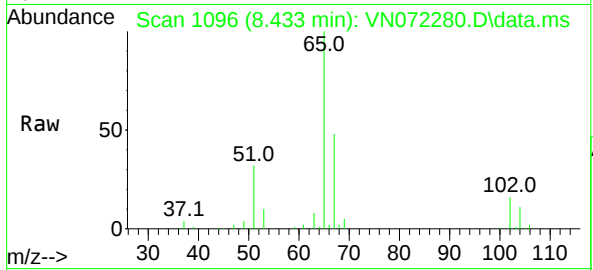




#33  
1,2-Dichloroethane-d4  
Concen: 60.316 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.001 min  
Lab File: VN072280.D  
Acq: 29 Apr 2022 19:22

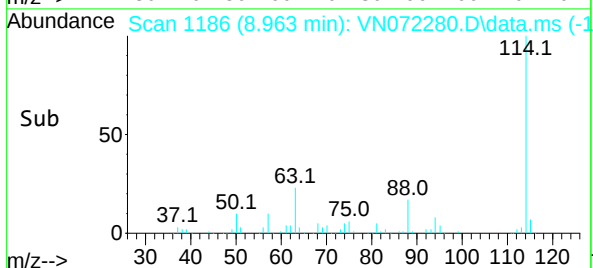
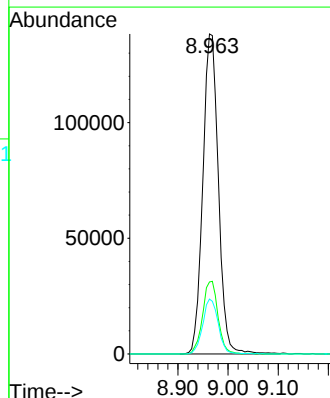
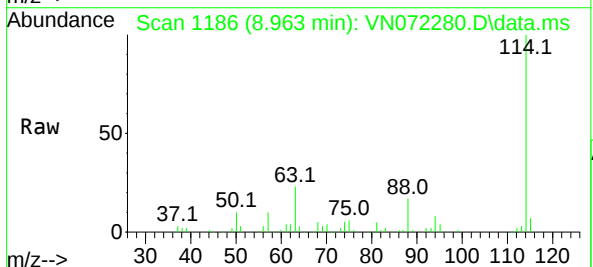
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-16

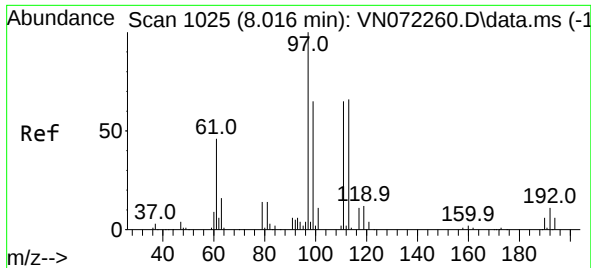
Tgt Ion: 65 Resp: 160150  
Ion Ratio Lower Upper  
65 100  
67 47.9 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072280.D  
Acq: 29 Apr 2022 19:22

Tgt Ion: 114 Resp: 298614  
Ion Ratio Lower Upper  
114 100  
63 22.5 0.0 40.0  
88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.308 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072280.D

Acq: 29 Apr 2022 19:22

Instrument :

MSVOA\_N

ClientSampleId :

MW-16

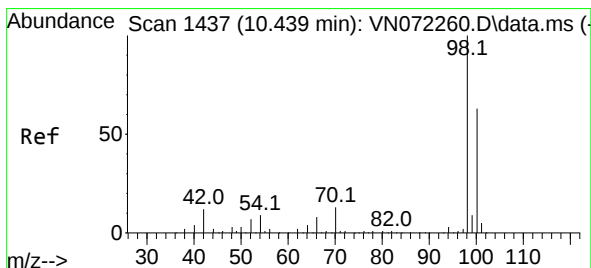
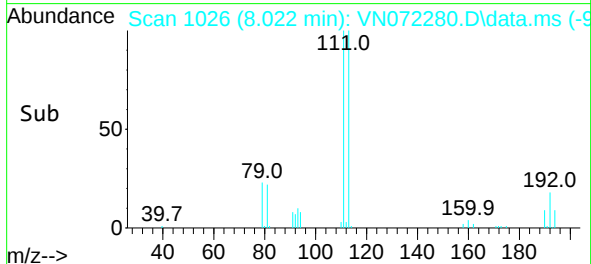
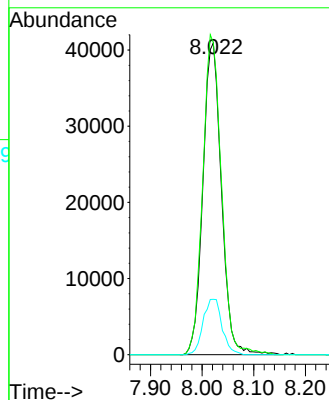
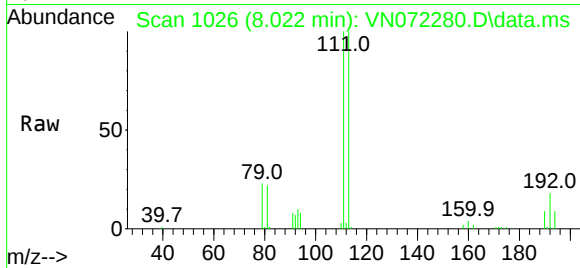
Tgt Ion:113 Resp: 101888

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 18.2 17.0 25.6



#50

Toluene-d8

Concen: 48.226 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072280.D

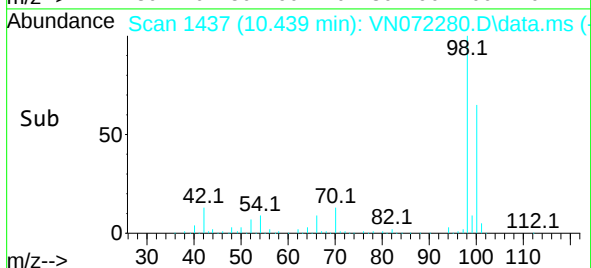
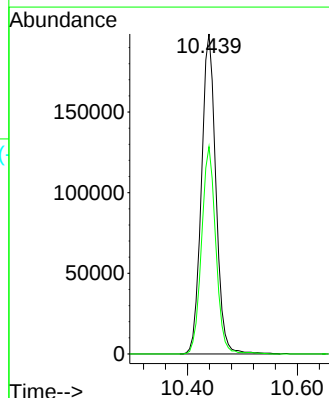
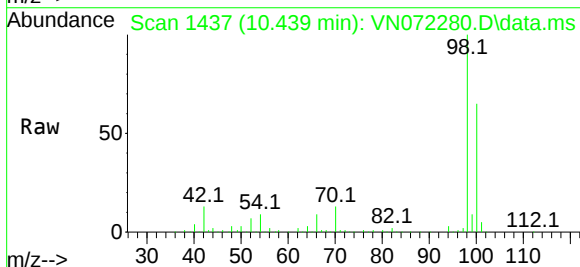
Acq: 29 Apr 2022 19:22

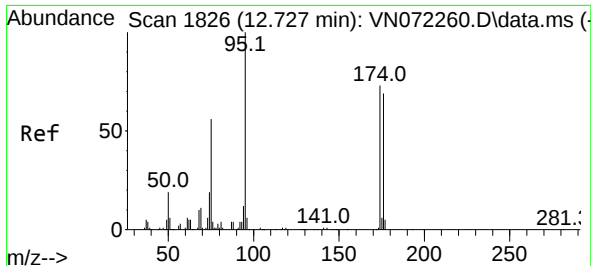
Tgt Ion: 98 Resp: 362188

Ion Ratio Lower Upper

98 100

100 63.6 52.6 78.8

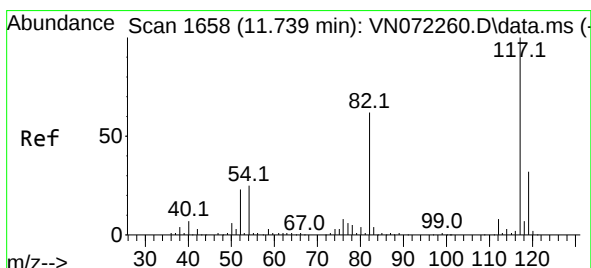
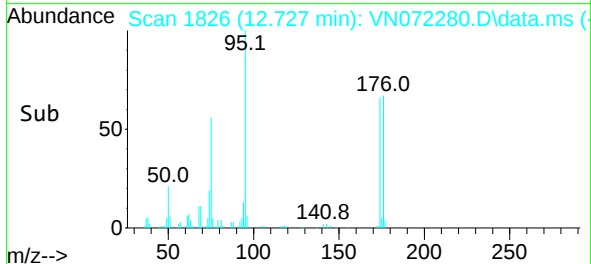
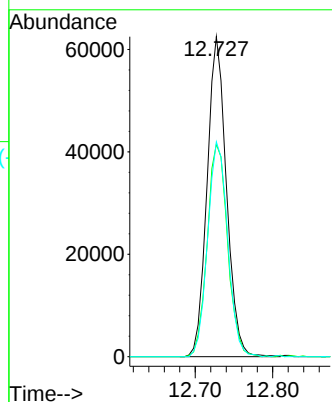
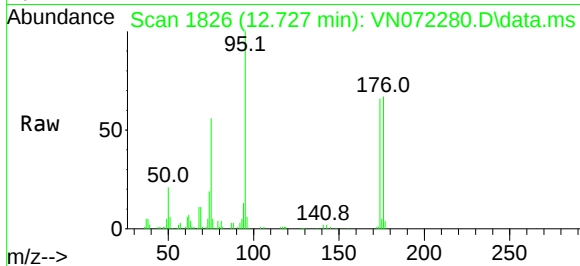




#62  
4-Bromofluorobenzene  
Concen: 43.477 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072280.D  
Acq: 29 Apr 2022 19:22

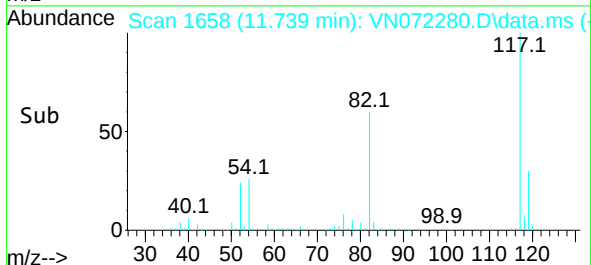
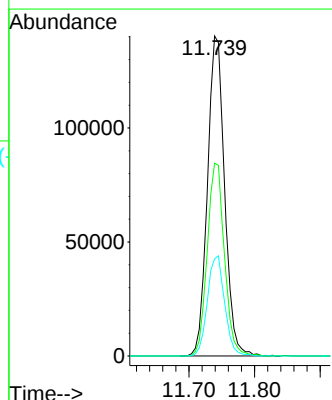
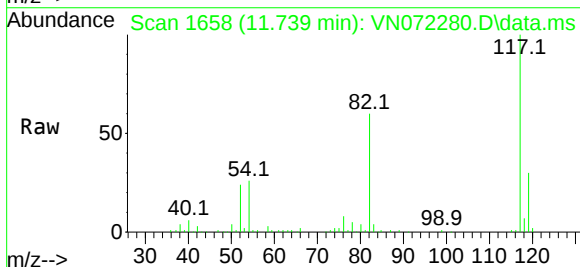
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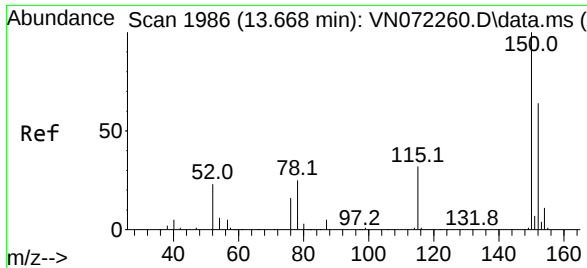
Tgt Ion: 95 Resp: 108380  
Ion Ratio Lower Upper  
95 100  
174 69.8 0.0 167.6  
176 69.5 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072280.D  
Acq: 29 Apr 2022 19:22

Tgt Ion: 117 Resp: 255107  
Ion Ratio Lower Upper  
117 100  
82 60.3 44.2 66.2  
119 30.4 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.668 min Scan# 1986  
 Delta R.T. -0.001 min  
 Lab File: VN072280.D  
 Acq: 29 Apr 2022 19:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-16

Tgt Ion:152 Resp: 75821  
 Ion Ratio Lower Upper  
 152 100  
 115 65.0 28.9 86.7  
 150 158.7 0.0 356.2

