

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042922\  
 Data File : VN072277.D  
 Acq On : 29 Apr 2022 18:10  
 Operator : JC\MD  
 Sample : N2617-09  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12

Quant Time: Apr 30 03:16:29 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

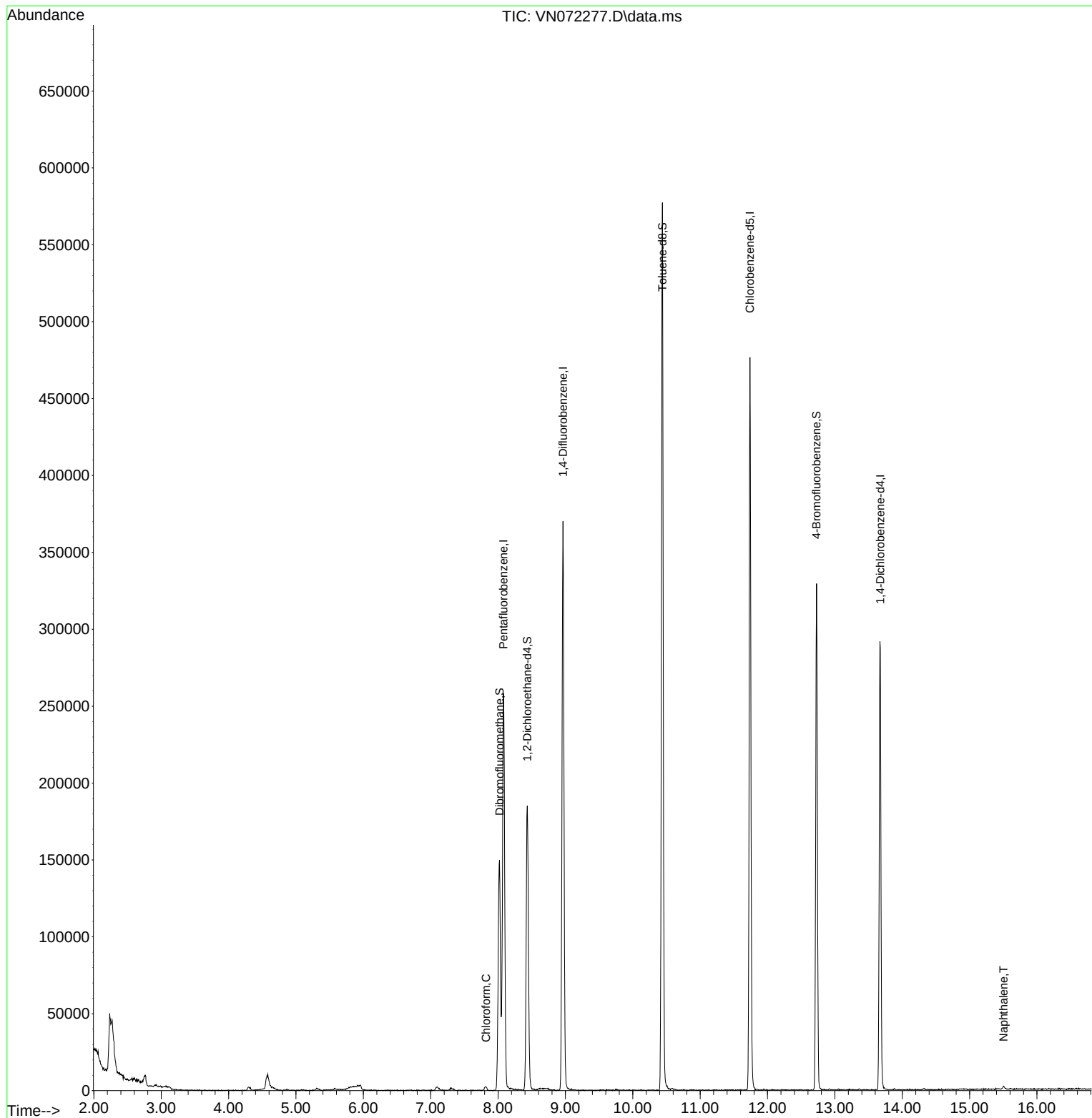
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.081  | 168   | 176609   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 296017   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 258909   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.674 | 152   | 77818    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 170034   | 62.712   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 125.420% |          |
| 35) Dibromofluoromethane    | 8.022  | 113   | 107639   | 56.811   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 113.620% |          |
| 50) Toluene-d8              | 10.439 | 98    | 385347   | 51.760   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 103.520% |          |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 114662   | 46.401   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 92.800%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 30) Chloroform              | 7.822  | 83    | 2696     | 0.665    | ug/l       | 91       |
| 95) Naphthalene             | 15.504 | 128   | 2944     | 4.967    | ug/l #     | 91       |
| -----                       |        |       |          |          |            |          |

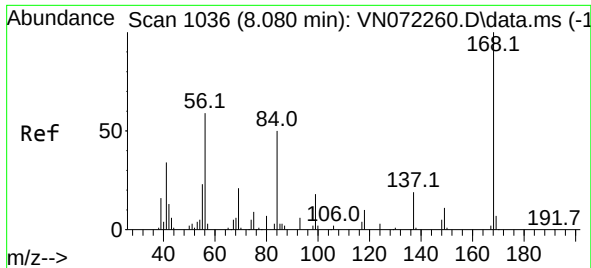
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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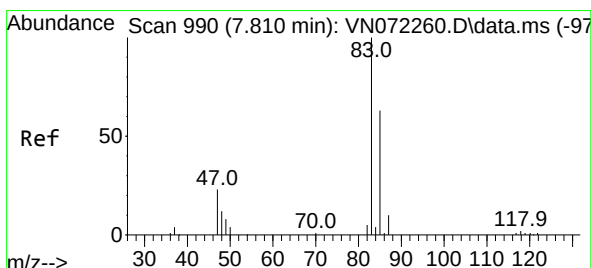
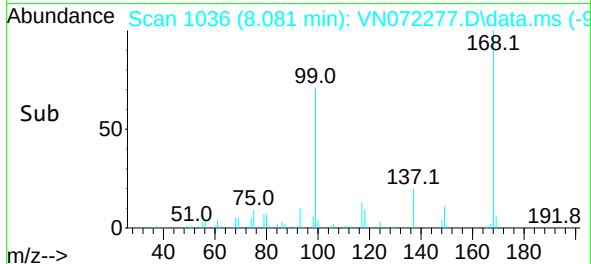
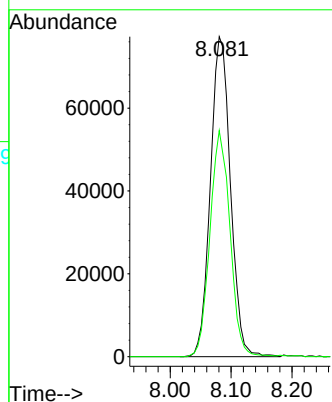
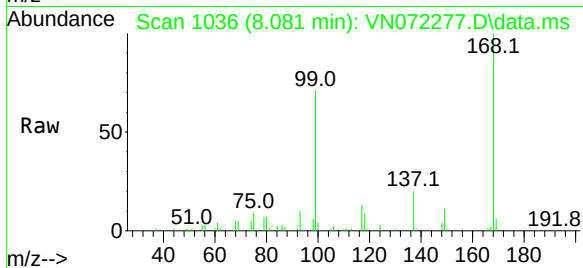




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072277.D  
Acq: 29 Apr 2022 18:10

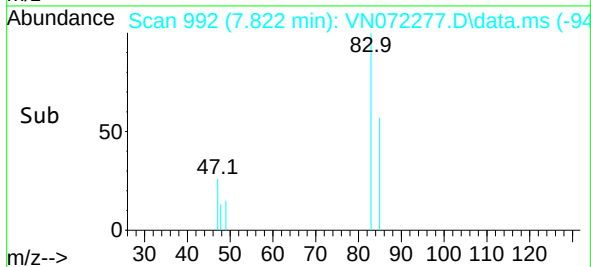
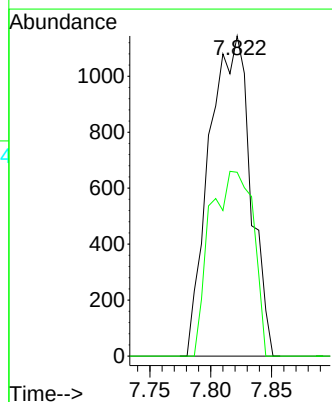
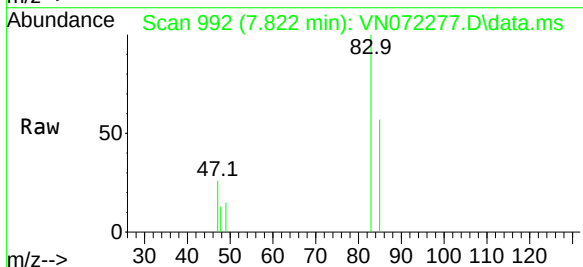
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12

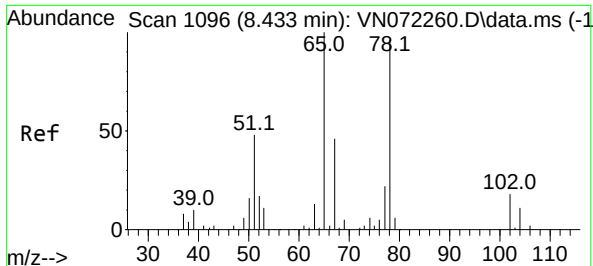
Tgt Ion:168 Resp: 176609  
Ion Ratio Lower Upper  
168 100  
99 70.6 42.3 63.5#



#30  
Chloroform  
Concen: 0.665 ug/l  
RT: 7.822 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VN072277.D  
Acq: 29 Apr 2022 18:10

Tgt Ion: 83 Resp: 2696  
Ion Ratio Lower Upper  
83 100  
85 57.4 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 62.712 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072277.D

Acq: 29 Apr 2022 18:10

Instrument :

MSVOA\_N

ClientSampleId :

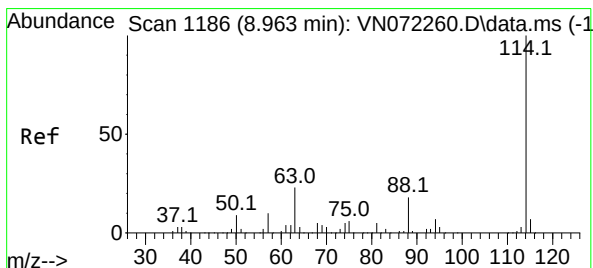
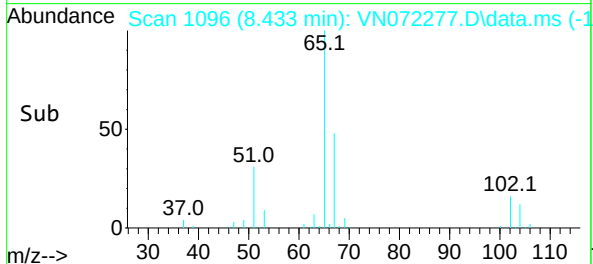
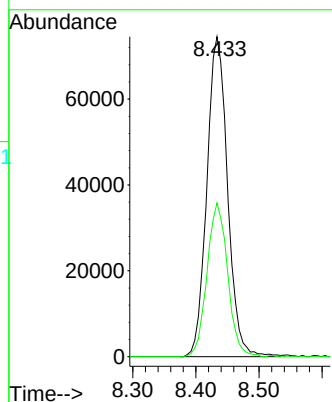
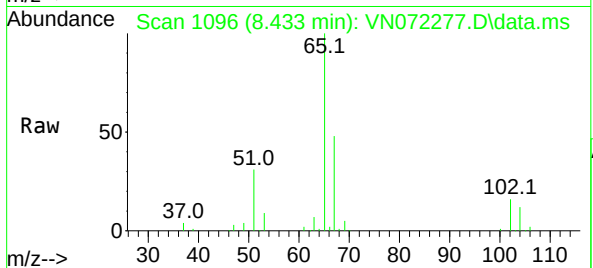
MW-12

Tgt Ion: 65 Resp: 170034

Ion Ratio Lower Upper

65 100

67 47.8 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: VN072277.D

Acq: 29 Apr 2022 18:10

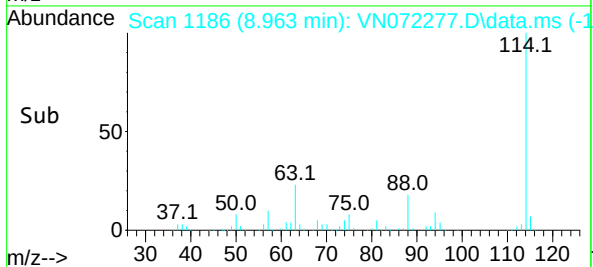
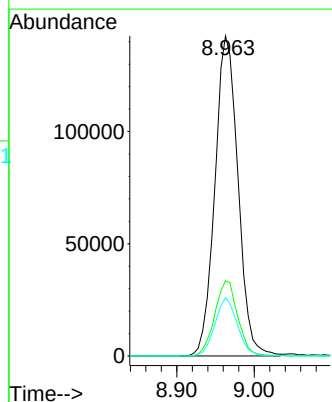
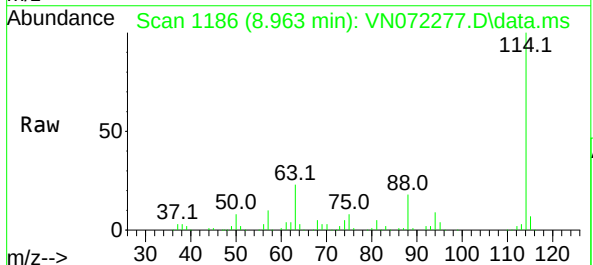
Tgt Ion: 114 Resp: 296017

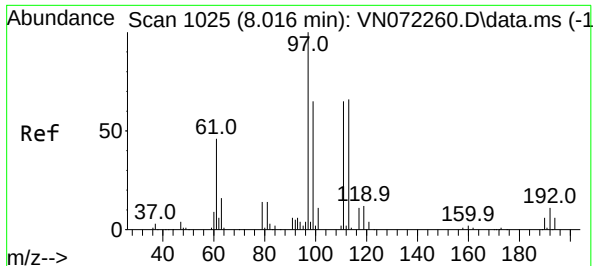
Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.0

88 18.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.811 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072277.D

Acq: 29 Apr 2022 18:10

Instrument :

MSVOA\_N

ClientSampleId :

MW-12

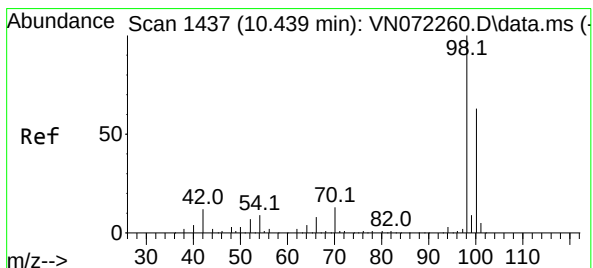
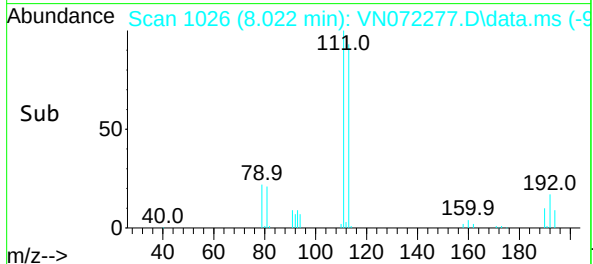
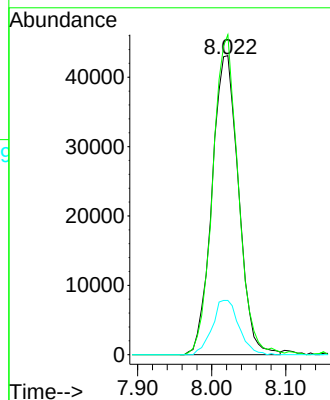
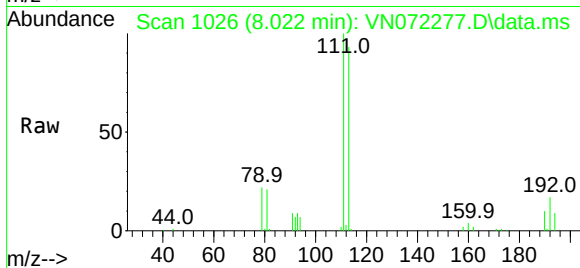
Tgt Ion:113 Resp: 107639

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 18.1 17.0 25.6



#50

Toluene-d8

Concen: 51.760 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072277.D

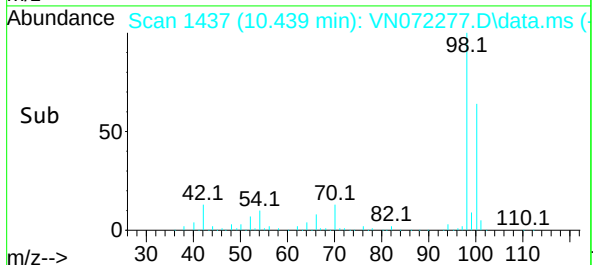
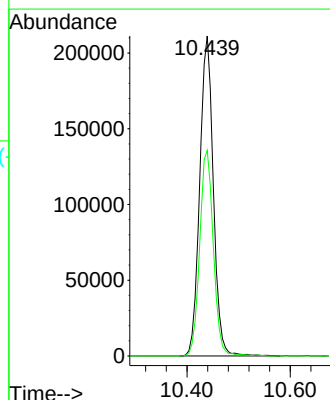
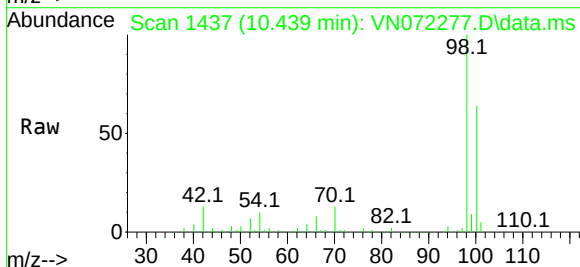
Acq: 29 Apr 2022 18:10

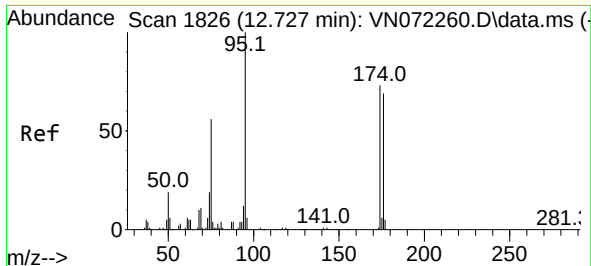
Tgt Ion: 98 Resp: 385347

Ion Ratio Lower Upper

98 100

100 64.2 52.6 78.8

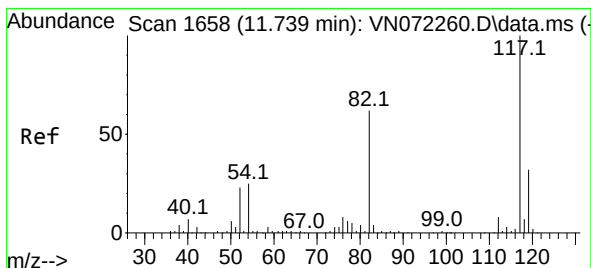
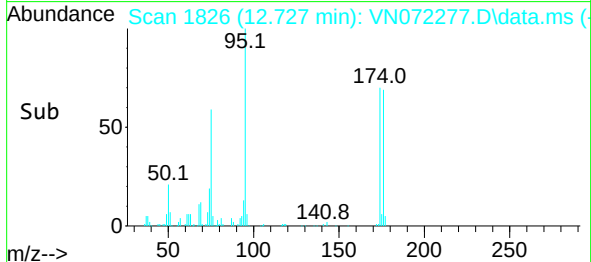
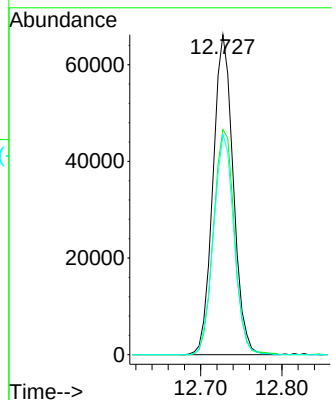
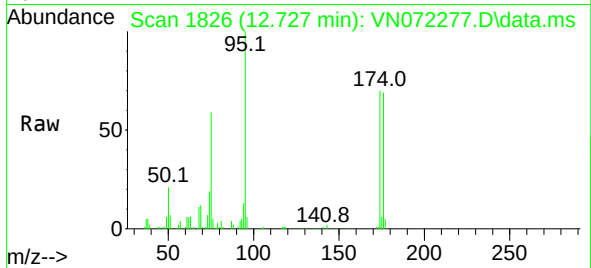




#62  
4-Bromofluorobenzene  
Concen: 46.401 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072277.D  
Acq: 29 Apr 2022 18:10

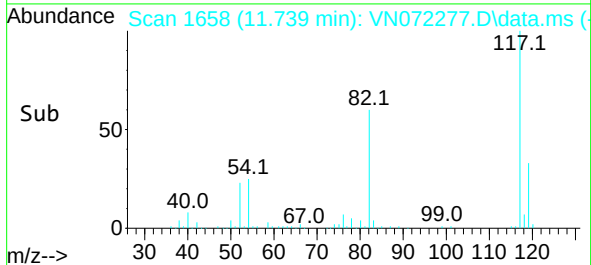
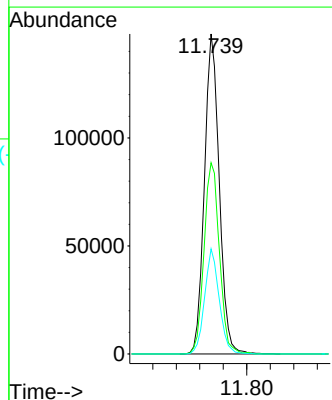
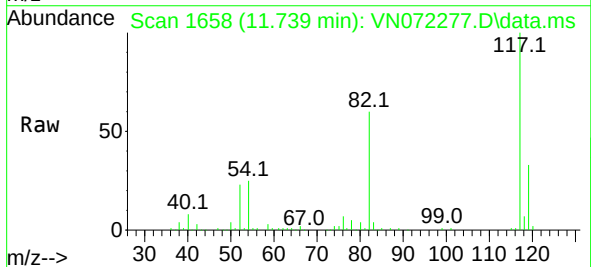
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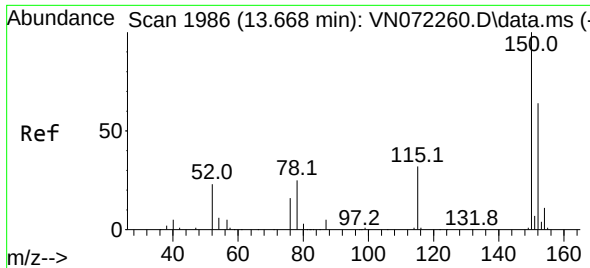
Tgt Ion: 95 Resp: 114662  
Ion Ratio Lower Upper  
95 100  
174 72.6 0.0 167.6  
176 69.9 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072277.D  
Acq: 29 Apr 2022 18:10

Tgt Ion: 117 Resp: 258909  
Ion Ratio Lower Upper  
117 100  
82 59.7 44.2 66.2  
119 32.9 25.4 38.0

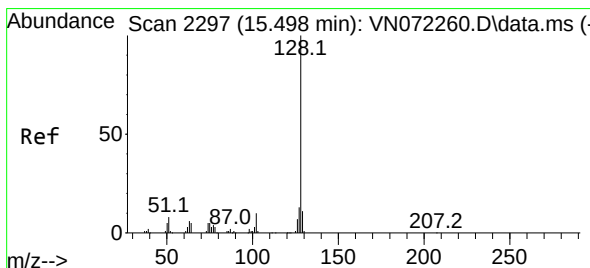
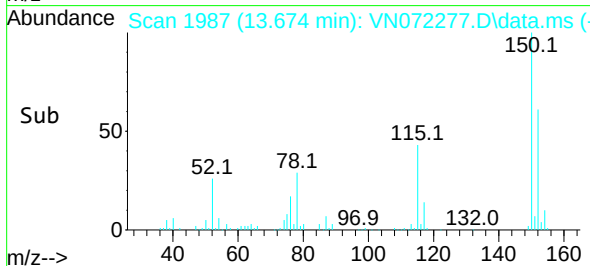
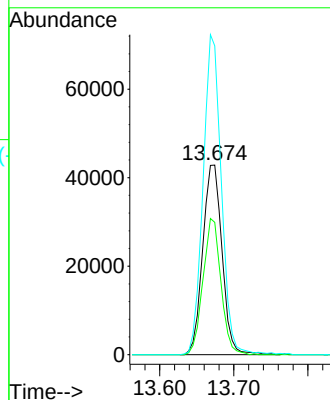
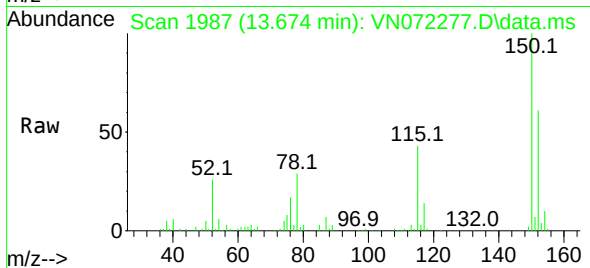




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.674 min Scan# 1987  
Delta R.T. 0.005 min  
Lab File: VN072277.D  
Acq: 29 Apr 2022 18:10

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-12

Tgt Ion:152 Resp: 77818  
Ion Ratio Lower Upper  
152 100  
115 66.5 28.9 86.7  
150 159.4 0.0 356.2



#95  
Naphthalene  
Concen: 4.967 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. 0.006 min  
Lab File: VN072277.D  
Acq: 29 Apr 2022 18:10

Tgt Ion:128 Resp: 2944  
Ion Ratio Lower Upper  
128 100  
127 10.3 10.3 15.5#  
129 6.3 8.6 13.0#

