

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052422\  
 Data File : VN072598.D  
 Acq On : 24 May 2022 20:06  
 Operator : JC\MD  
 Sample : N2981-24  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TGMP-2

Quant Time: May 25 09:21:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N052422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 25 09:15:20 2022  
 Response via : Initial Calibration

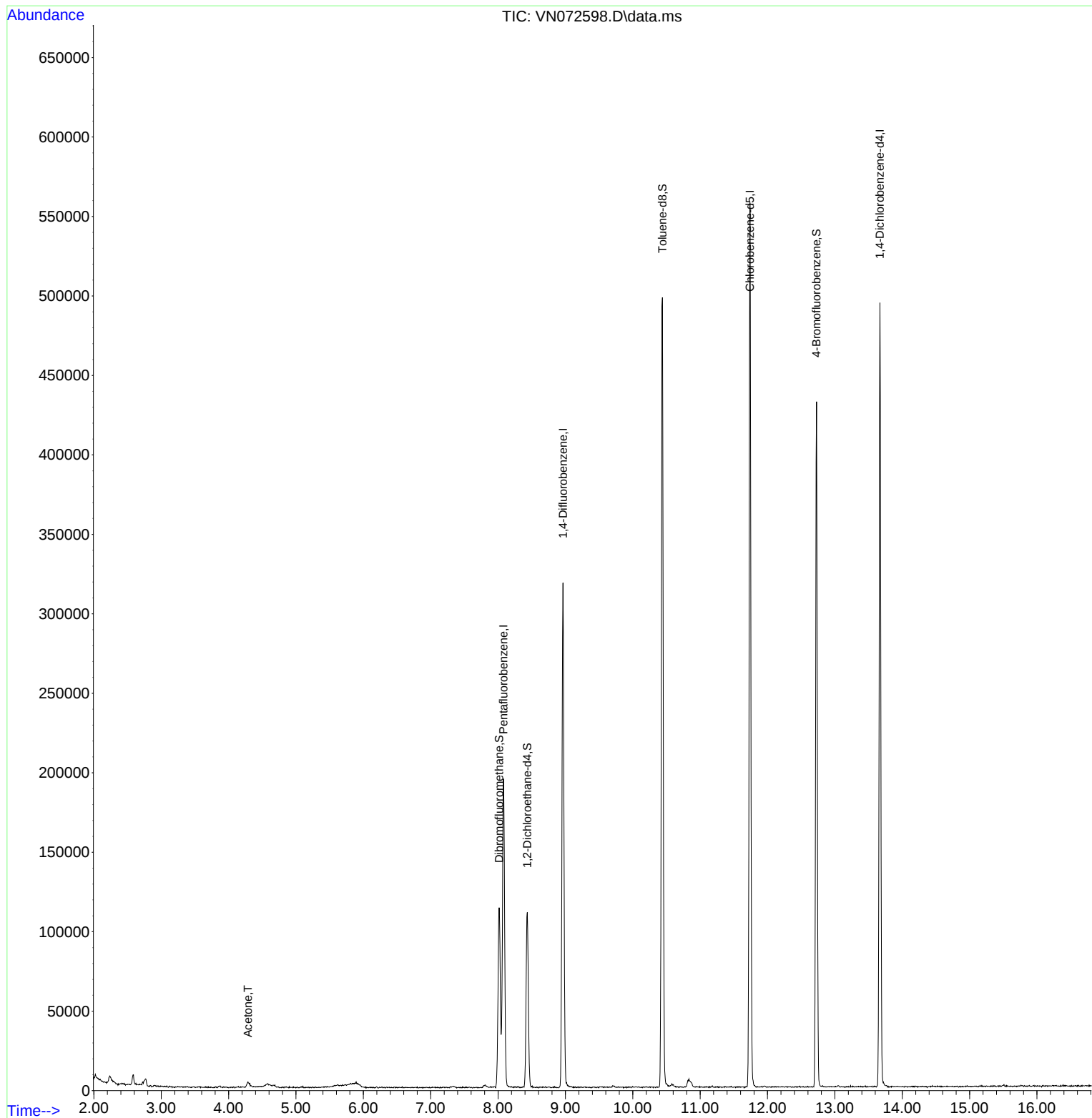
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.081     | 168   | 158582   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963     | 114   | 286793   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739    | 117   | 337164   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.669    | 152   | 143207   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.434     | 65    | 91122    | 50.514   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =      | 101.020% |
| 35) Dibromofluoromethane    | 8.016     | 113   | 85889    | 46.207   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =      | 92.420%  |
| 50) Toluene-d8              | 10.439    | 98    | 363744   | 51.250   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =      | 102.500% |
| 62) 4-Bromofluorobenzene    | 12.727    | 95    | 146709   | 63.555   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =      | 127.120% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 4.287     | 43    | 5996     | 6.762    | ug/l # | 81       |
| -----                       |           |       |          |          |        |          |

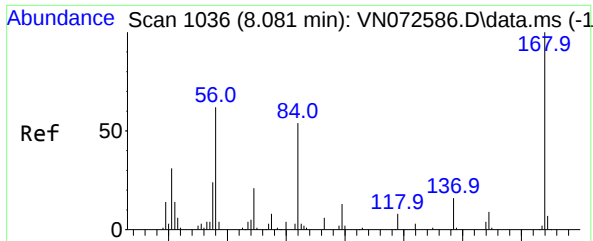
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_N  
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TGMP-2

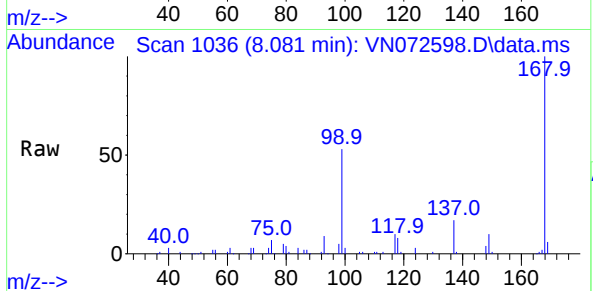
Quant Time: May 25 09:21:44 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N052422W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 25 09:15:20 2022  
Response via : Initial Calibration



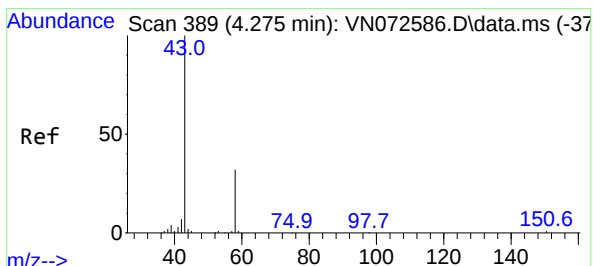
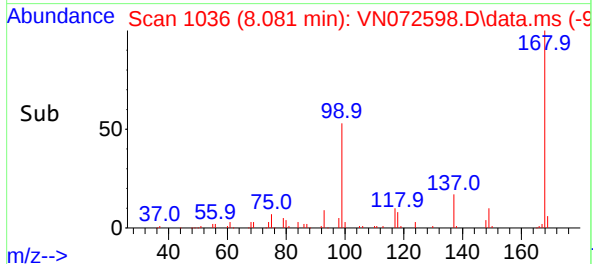
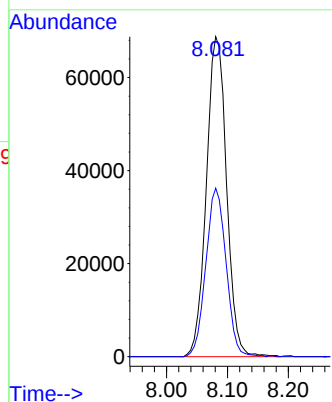


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072598.D  
Acq: 24 May 2022 20:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
TGMP-2

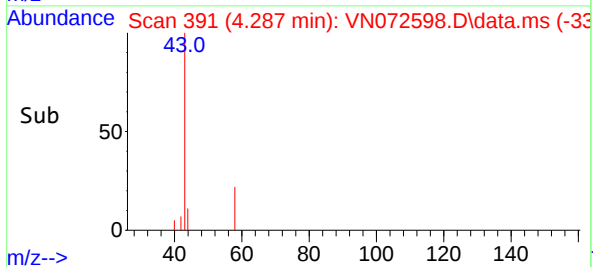
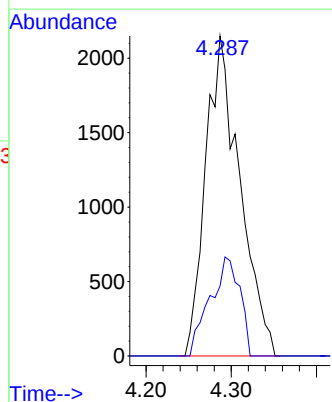
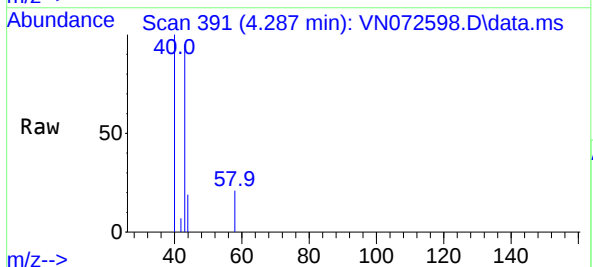


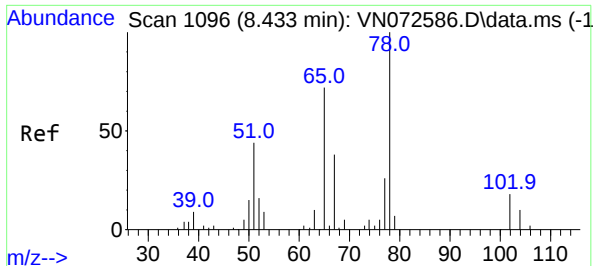
Tgt Ion:168 Resp: 158582  
Ion Ratio Lower Upper  
168 100  
99 52.7 42.3 63.5



#16  
Acetone  
Concen: 6.762 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VN072598.D  
Acq: 24 May 2022 20:06

Tgt Ion: 43 Resp: 5996  
Ion Ratio Lower Upper  
43 100  
58 21.9 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 50.514 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.001 min

Lab File: VN072598.D

Acq: 24 May 2022 20:06

Instrument :

MSVOA\_N

ClientSampleId :

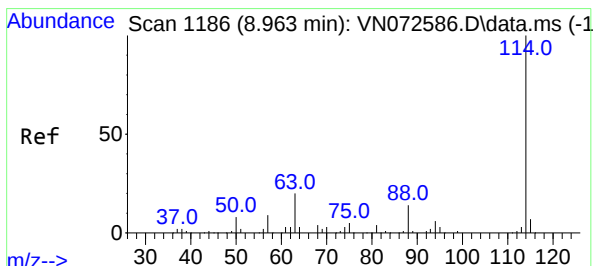
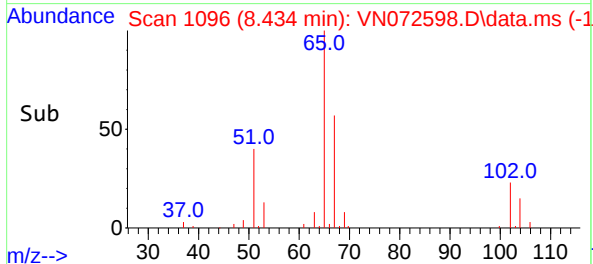
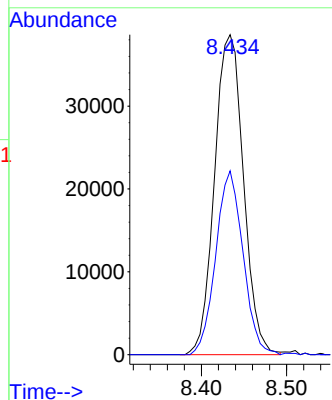
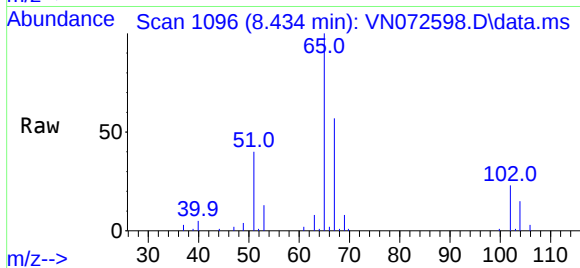
TGMP-2

Tgt Ion: 65 Resp: 91122

Ion Ratio Lower Upper

65 100

67 54.1 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: VN072598.D

Acq: 24 May 2022 20:06

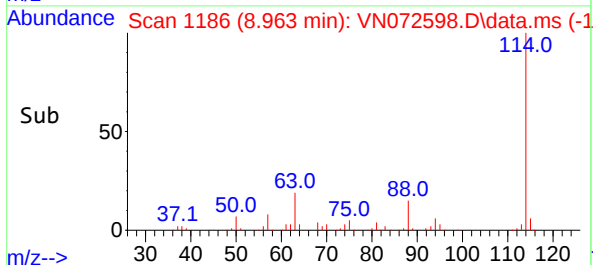
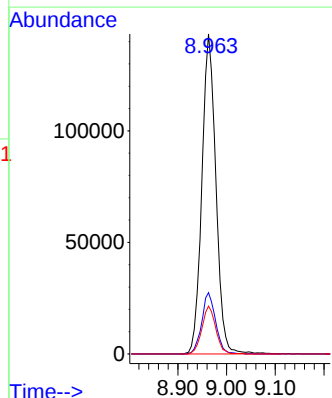
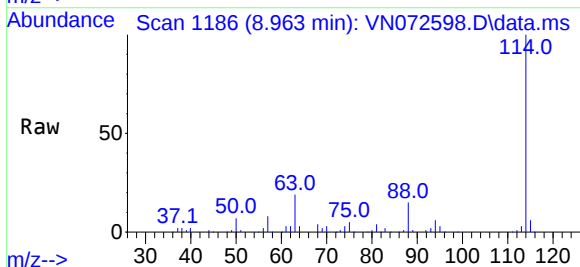
Tgt Ion: 114 Resp: 286793

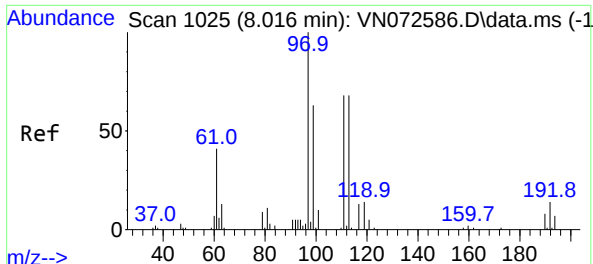
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.9 0.0 32.6

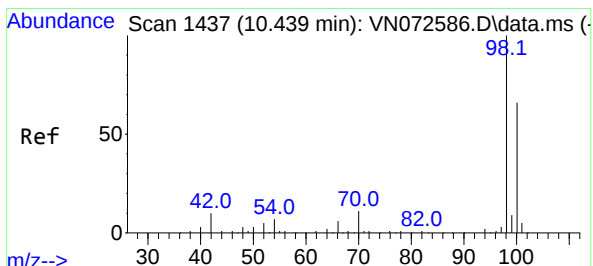
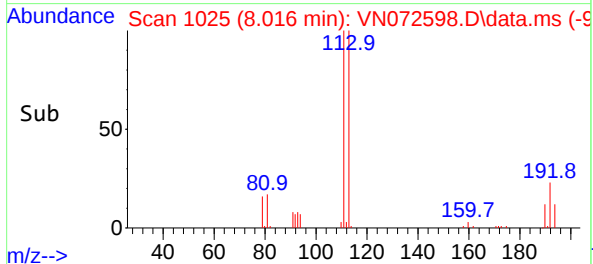
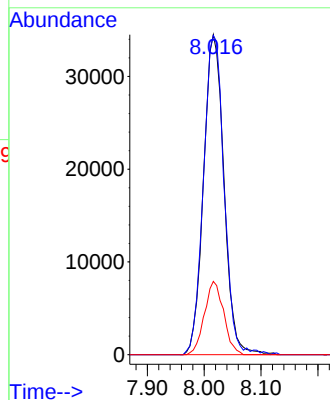
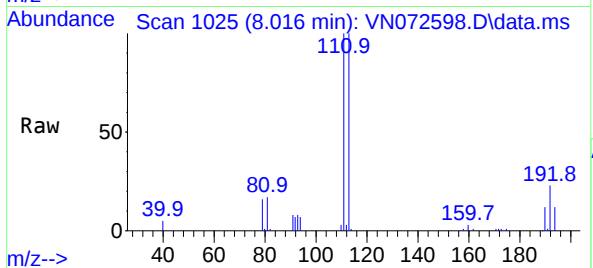




#35  
Dibromofluoromethane  
Concen: 46.207 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072598.D  
Acq: 24 May 2022 20:06

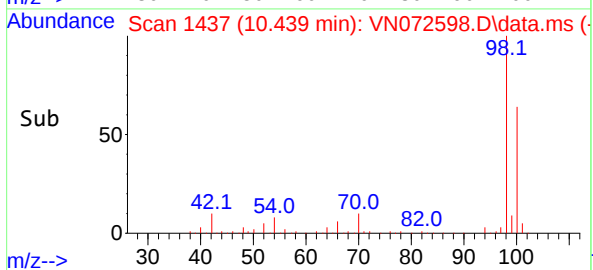
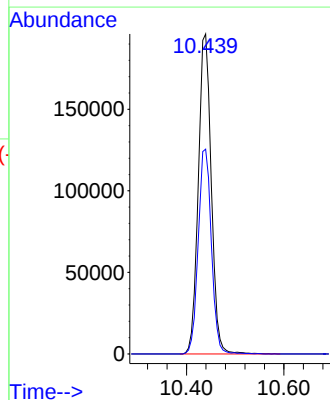
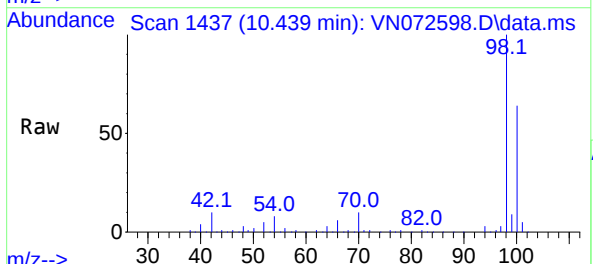
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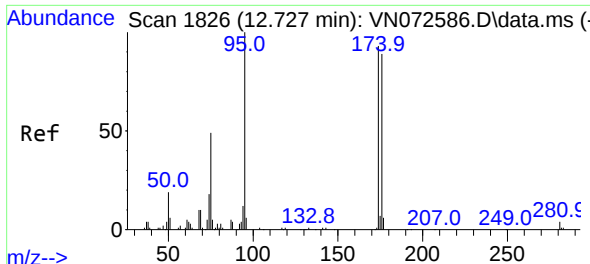
Tgt Ion:113 Resp: 85889  
Ion Ratio Lower Upper  
113 100  
111 100.7 81.4 122.0  
192 21.6 17.0 25.6



#50  
Toluene-d8  
Concen: 51.250 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072598.D  
Acq: 24 May 2022 20:06

Tgt Ion: 98 Resp: 363744  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.6 78.8

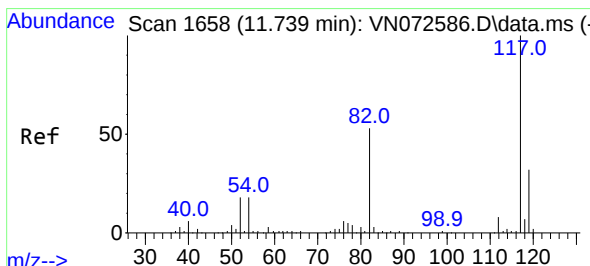
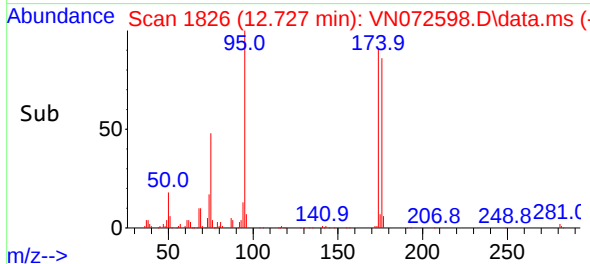
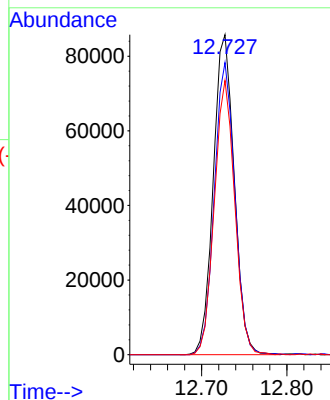
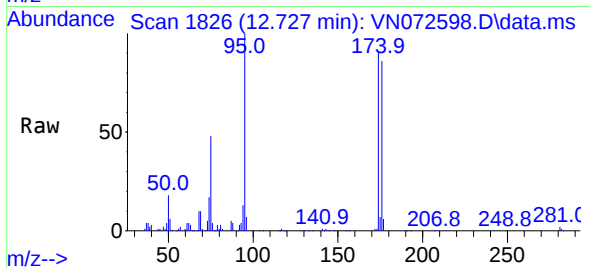




#62  
4-Bromofluorobenzene  
Concen: 63.555 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072598.D  
Acq: 24 May 2022 20:06

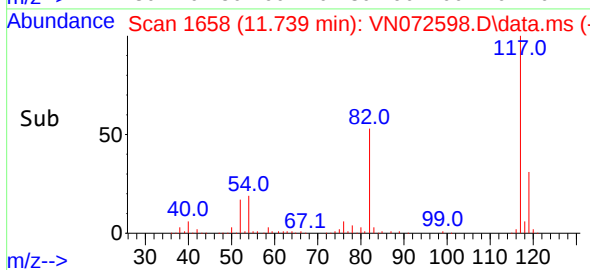
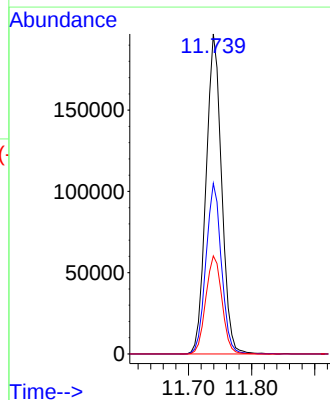
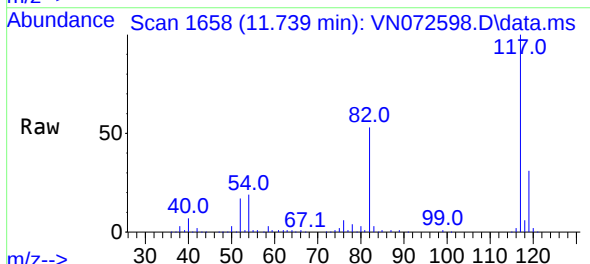
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MSVOA\_N  
ClientSampleId :  
TGMP-2

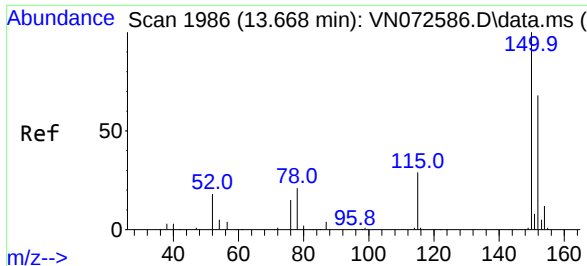
Tgt Ion: 95 Resp: 146709  
Ion Ratio Lower Upper  
95 100  
174 89.5 0.0 167.6  
176 83.6 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072598.D  
Acq: 24 May 2022 20:06

Tgt Ion: 117 Resp: 337164  
Ion Ratio Lower Upper  
117 100  
82 53.3 44.2 66.2  
119 30.7 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.669 min Scan# 14  
 Delta R.T. 0.001 min  
 Lab File: VN072598.D  
 Acq: 24 May 2022 20:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TGMP-2

Tgt Ion:152 Resp: 143207  
 Ion Ratio Lower Upper  
 152 100  
 115 55.3 28.9 86.7  
 150 155.5 0.0 356.2

