

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102021\  
 Data File : VN069061.D  
 Acq On : 20 Oct 2021 14:56  
 Operator : JC/MD  
 Sample : M4259-07  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-1-BD

Quant Time: Oct 20 23:14:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

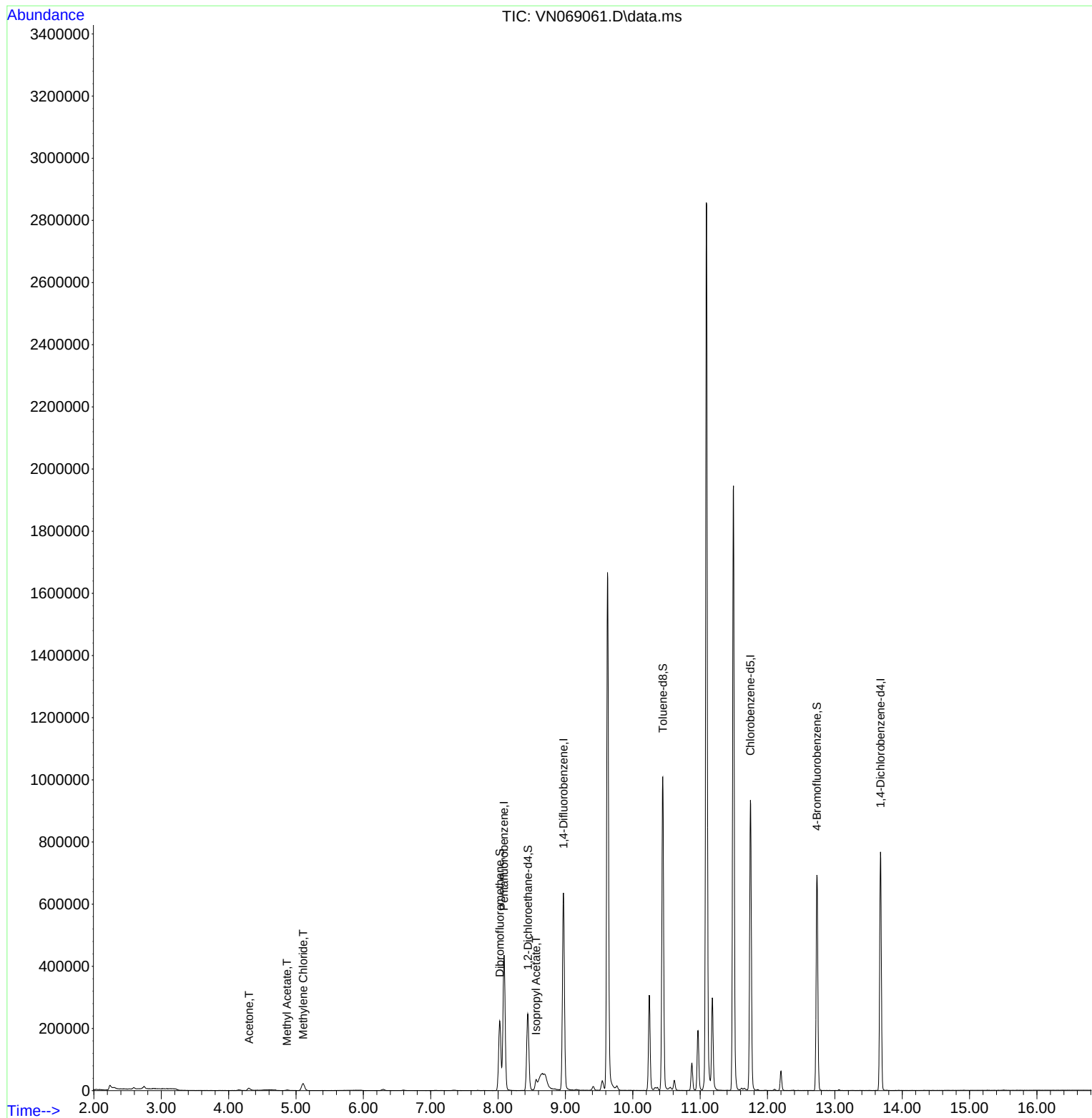
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.088  | 168   | 326054   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.971  | 114   | 573021   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.746 | 117   | 555751   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678 | 152   | 206042   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.442  | 65    | 210834   | 49.044   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 98.080%  |
| 35) Dibromofluoromethane    | 8.027  | 113   | 166356   | 49.898   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 99.800%  |
| 50) Toluene-d8              | 10.446 | 98    | 718053   | 53.829   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 107.660% |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 252221   | 50.115   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 100.240% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.301  | 43    | 13341    | 8.316    | ug/l   | 99       |
| 18) Methyl Acetate          | 4.867  | 43    | 4339     | 0.713    | ug/l # | 66       |
| 20) Methylene Chloride      | 5.106  | 84    | 19618    | 5.313    | ug/l   | 93       |
| 43) Isopropyl Acetate       | 8.566  | 43    | 42511    | 4.766    | ug/l # | 86       |
| -----                       |        |       |          |          |        |          |

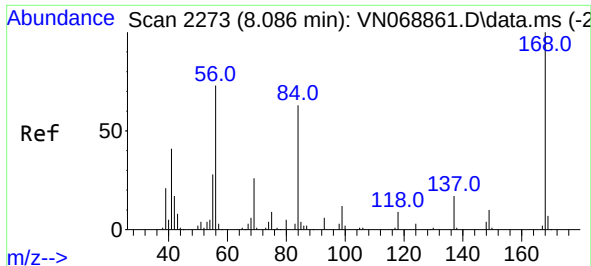
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 13 05:44:40 2021  
Response via : Initial Calibration

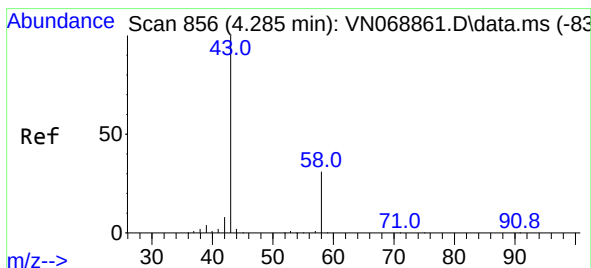
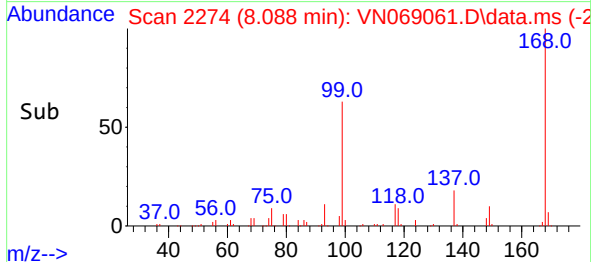
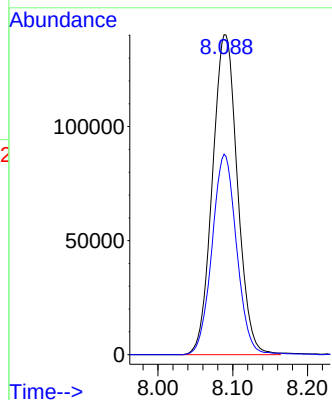
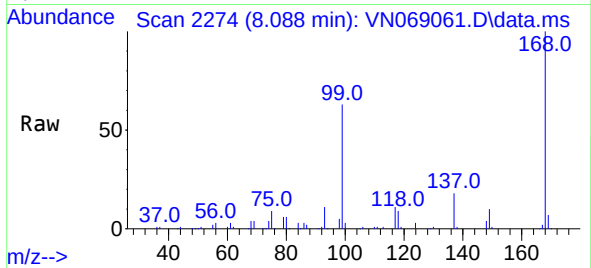




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN069061.D  
Acq: 20 Oct 2021 14:56

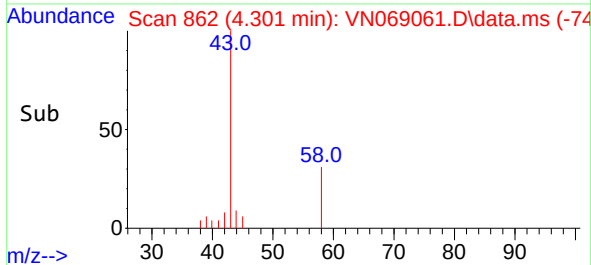
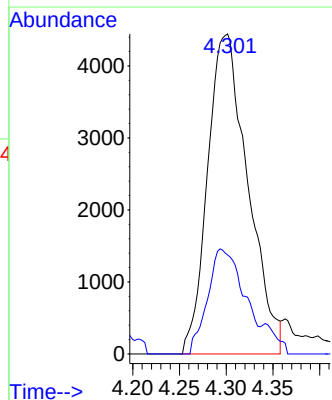
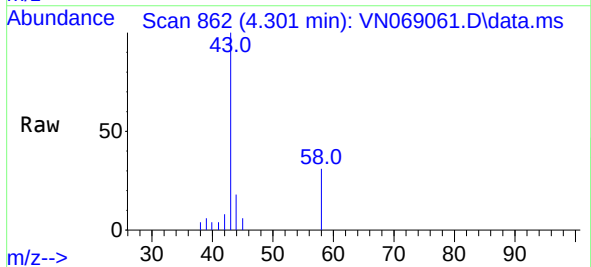
Instrument :  
MSVOA\_N  
ClientSampled :  
WC-1-BD

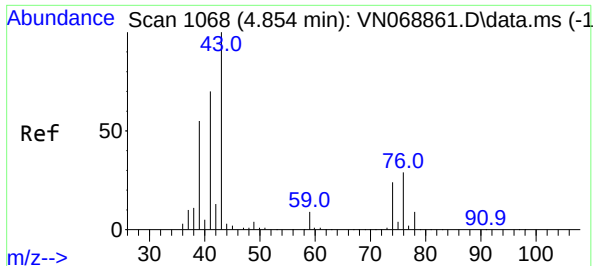
Tgt Ion:168 Resp: 326054  
Ion Ratio Lower Upper  
168 100  
99 62.6 48.9 73.3



#16  
Acetone  
Concen: 8.316 ug/l  
RT: 4.301 min Scan# 862  
Delta R.T. 0.016 min  
Lab File: VN069061.D  
Acq: 20 Oct 2021 14:56

Tgt Ion: 43 Resp: 13341  
Ion Ratio Lower Upper  
43 100  
58 31.0 24.5 36.7





#18

Methyl Acetate

Concen: 0.713 ug/l

RT: 4.867 min Scan# 1073

Delta R.T. 0.013 min

Lab File: VN069061.D

Acq: 20 Oct 2021 14:56

Tgt Ion: 43 Resp: 4339

Ion Ratio Lower Upper

43 100

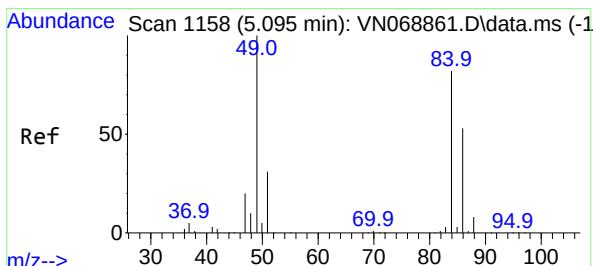
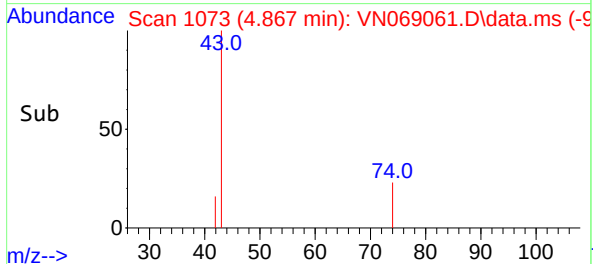
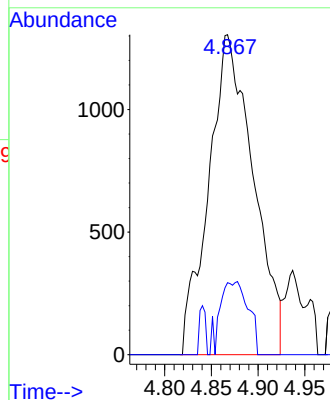
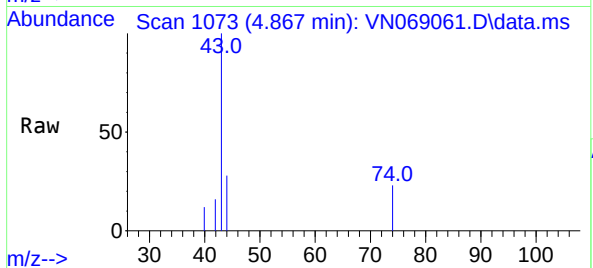
74 7.0 18.9 28.3#

Instrument :

MSVOA\_N

ClientSampled :

WC-1-BD



#20

Methylene Chloride

Concen: 5.313 ug/l

RT: 5.106 min Scan# 1162

Delta R.T. 0.011 min

Lab File: VN069061.D

Acq: 20 Oct 2021 14:56

Tgt Ion: 84 Resp: 19618

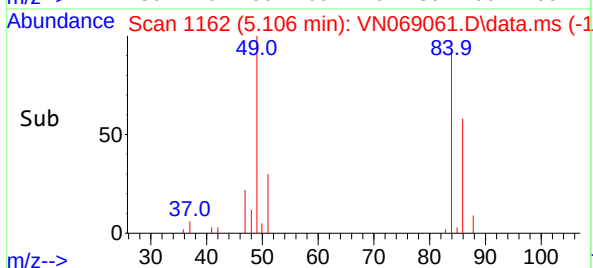
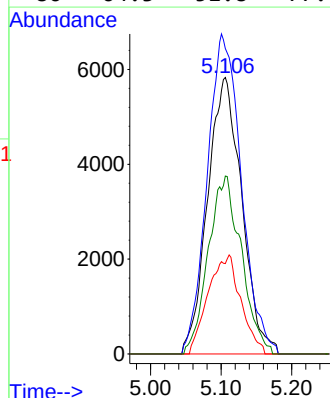
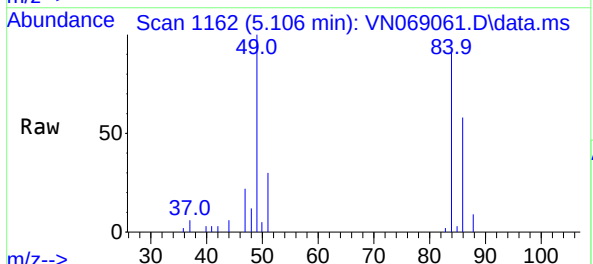
Ion Ratio Lower Upper

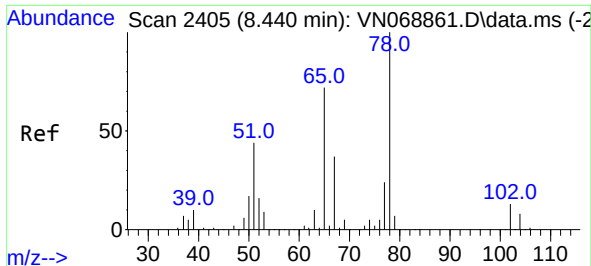
84 100

49 110.5 97.6 146.4

51 32.7 30.3 45.5

86 64.3 51.8 77.6



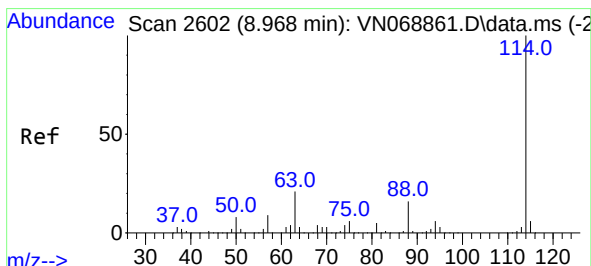
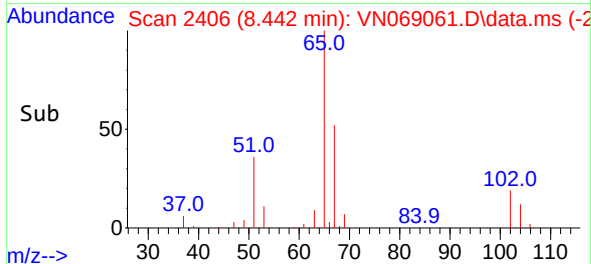
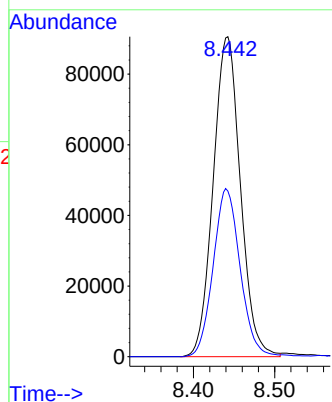
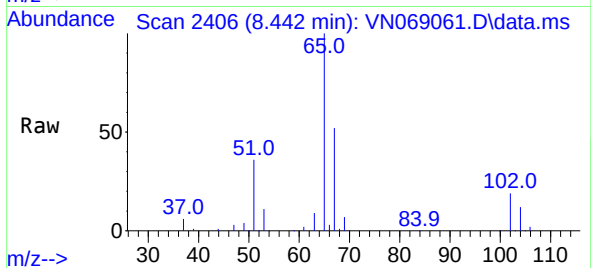


#33

1,2-Dichloroethane-d4  
Concen: 49.044 ug/l  
RT: 8.442 min Scan# 2406  
Delta R.T. 0.003 min  
Lab File: VN069061.D  
Acq: 20 Oct 2021 14:56

Instrument :  
MSVOA\_N  
ClientSampled :  
WC-1-BD

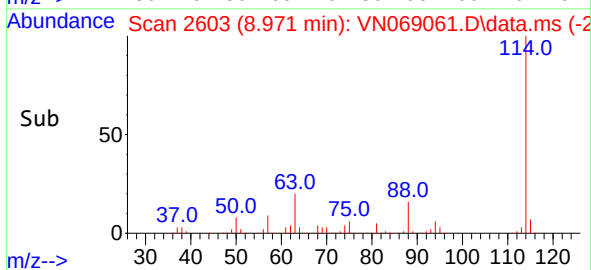
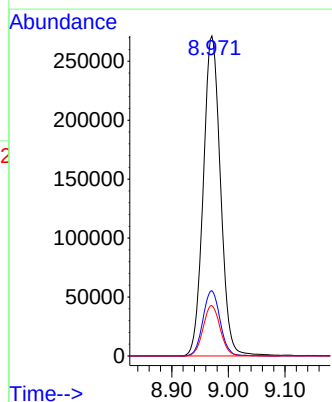
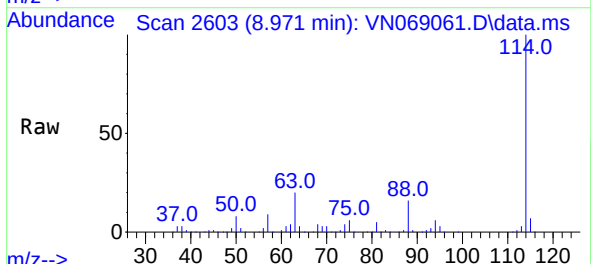
Tgt Ion: 65 Resp: 210834  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 103.8

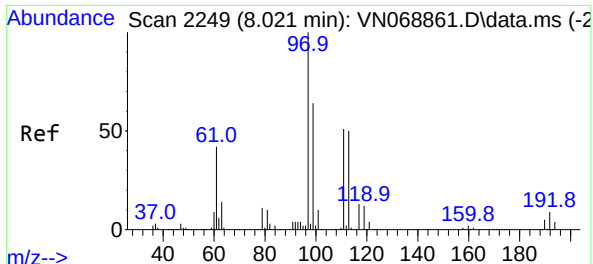


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN069061.D  
Acq: 20 Oct 2021 14:56

Tgt Ion: 114 Resp: 573021  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 42.6  
88 15.8 0.0 32.0

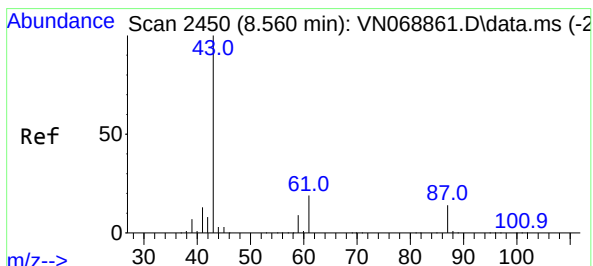
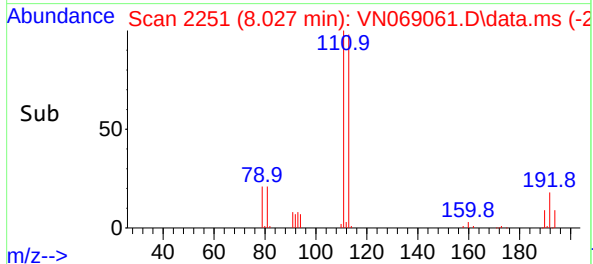
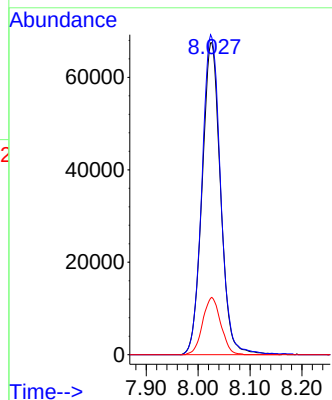
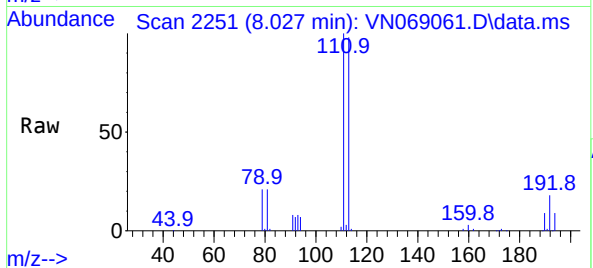




#35  
Dibromofluoromethane  
Concen: 49.898 ug/l  
RT: 8.027 min Scan# 2251  
Delta R.T. 0.005 min  
Lab File: VN069061.D  
Acq: 20 Oct 2021 14:56

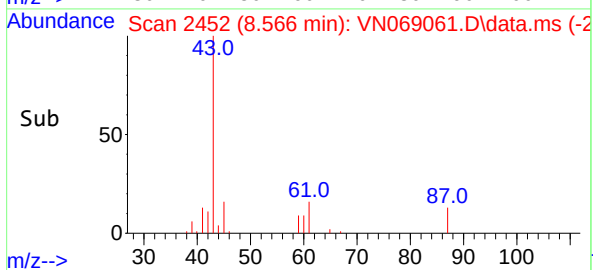
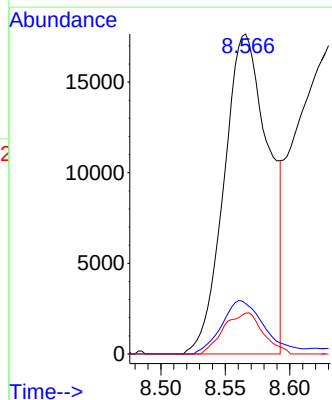
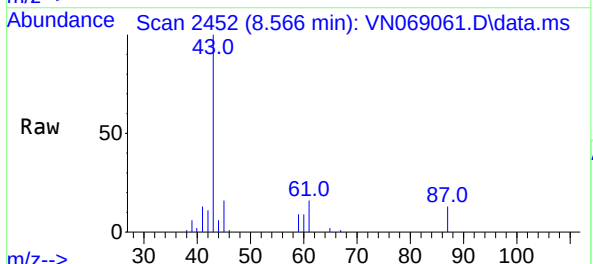
Instrument :  
MSVOA\_N  
ClientSampled :  
WC-1-BD

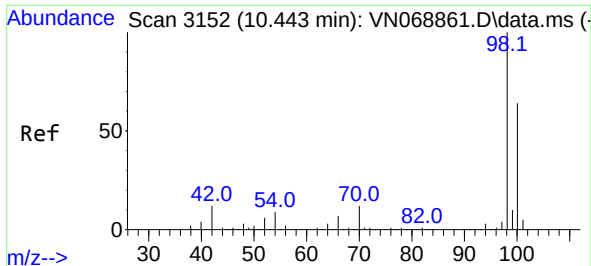
Tgt Ion:113 Resp: 166356  
Ion Ratio Lower Upper  
113 100  
111 103.3 83.2 124.8  
192 18.1 15.0 22.4



#43  
Isopropyl Acetate  
Concen: 4.766 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. 0.005 min  
Lab File: VN069061.D  
Acq: 20 Oct 2021 14:56

Tgt Ion: 43 Resp: 42511  
Ion Ratio Lower Upper  
43 100  
61 16.0 20.4 30.6#  
87 11.3 10.7 16.1

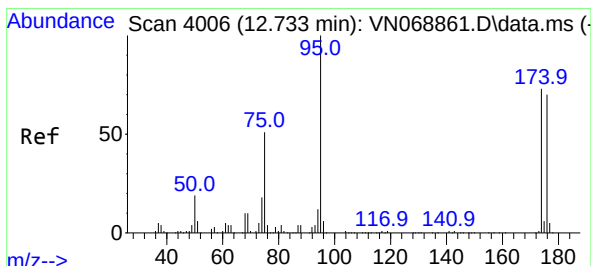
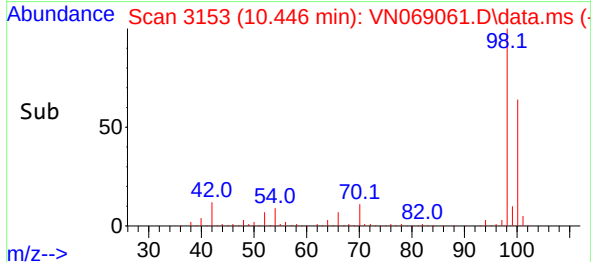
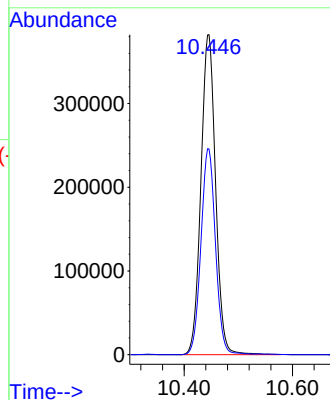
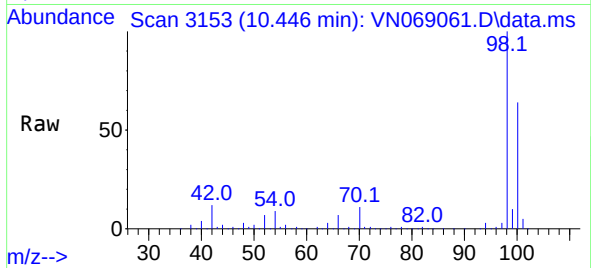




#50  
Toluene-d8  
Concen: 53.829 ug/l  
RT: 10.446 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VN069061.D  
Acq: 20 Oct 2021 14:56

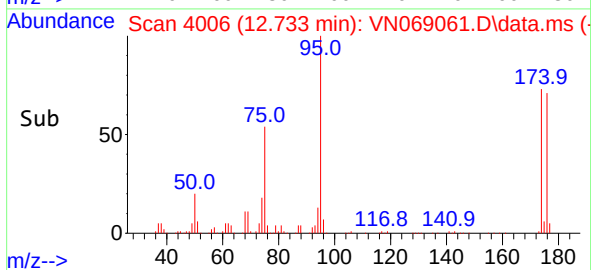
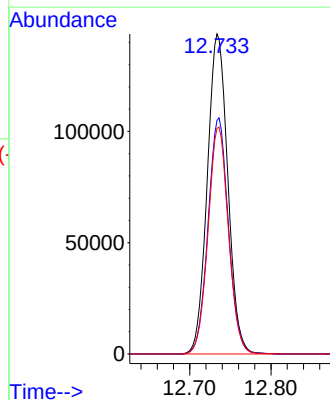
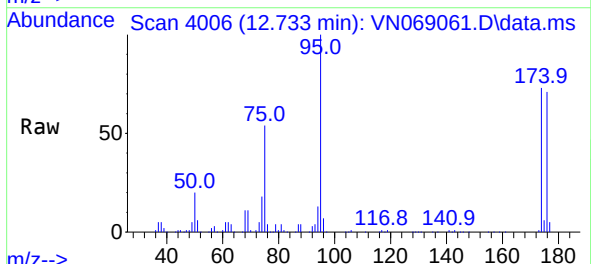
Instrument :  
MSVOA\_N  
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WC-1-BD

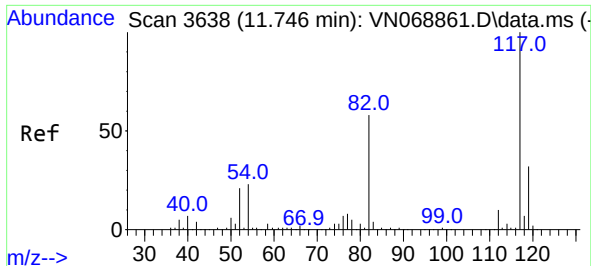
Tgt Ion: 98 Resp: 718053  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.5 77.3



#62  
4-Bromofluorobenzene  
Concen: 50.115 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN069061.D  
Acq: 20 Oct 2021 14:56

Tgt Ion: 95 Resp: 252221  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 144.8  
176 70.3 0.0 140.0

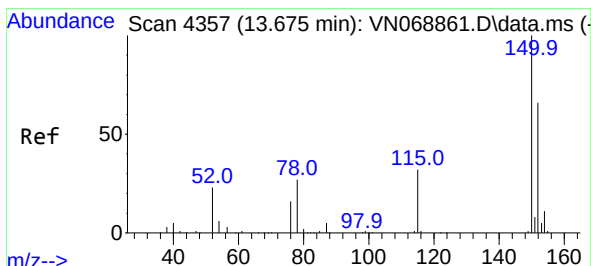
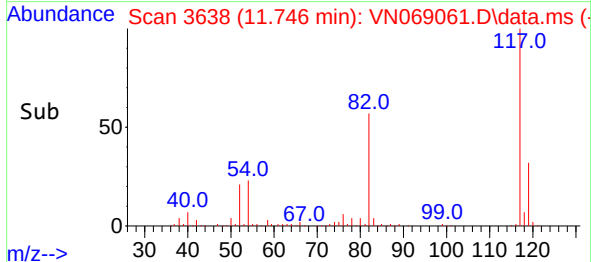
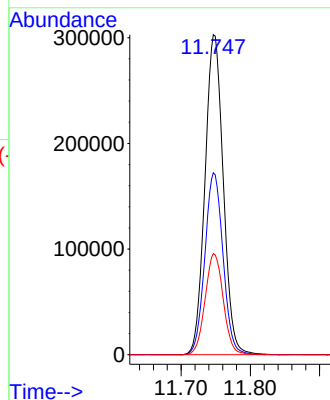
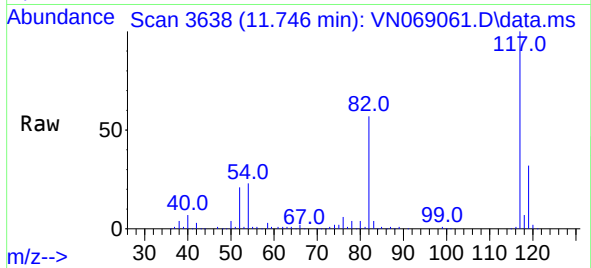




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN069061.D  
Acq: 20 Oct 2021 14:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1-BD

Tgt Ion:117 Resp: 555751  
Ion Ratio Lower Upper  
117 100  
82 56.9 46.4 69.6  
119 31.6 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN069061.D  
Acq: 20 Oct 2021 14:56

Tgt Ion:152 Resp: 206042  
Ion Ratio Lower Upper  
152 100  
115 63.5 31.4 94.3  
150 157.7 0.0 351.0

