

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061521\  
 Data File : VX022704.D  
 Acq On : 15 Jun 2021 17:21  
 Operator : JC/MD  
 Sample : M2712-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-3

Quant Time: Jun 16 05:26:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 12:20:00 2021  
 Response via : Initial Calibration

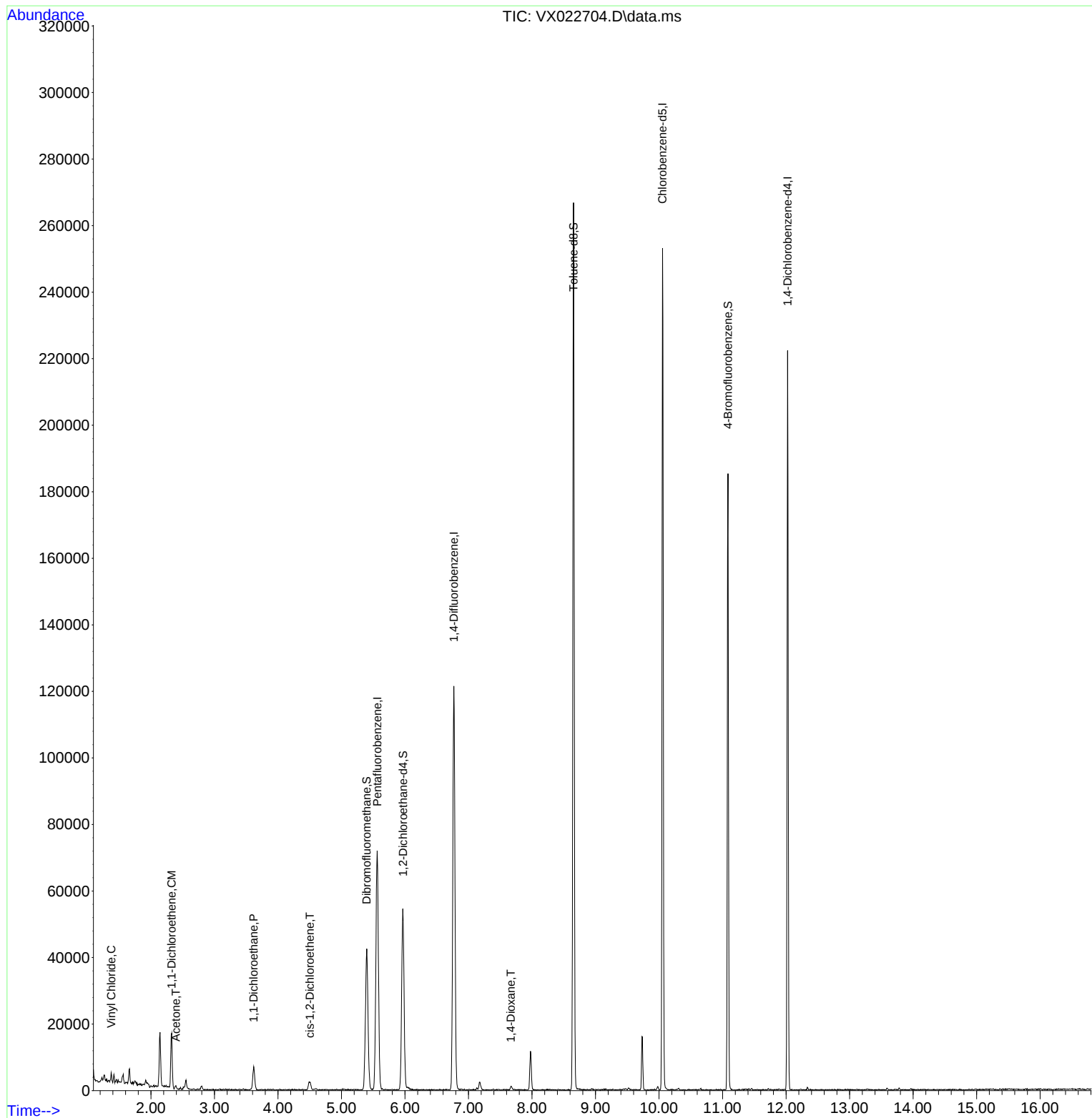
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 59793    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 118071   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 105787   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 39104    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.970  | 65    | 49456    | 45.990   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 91.980%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 35527    | 47.161   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 94.320%  |
| 50) Toluene-d8              | 8.653  | 98    | 144130   | 48.535   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 97.060%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 50477    | 44.944   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 89.880%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 4) Vinyl Chloride           | 1.373  | 62    | 1581     | 1.898    | ug/l   | 92       |
| 12) 1,1-Dichloroethene      | 2.325  | 96    | 5381     | 7.413    | ug/l   | 91       |
| 16) Acetone                 | 2.392  | 43    | 1155     | 2.399    | ug/l   | 93       |
| 24) 1,1-Dichloroethane      | 3.617  | 63    | 7214     | 4.476    | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene  | 4.501  | 96    | 1679     | 1.713    | ug/l   | 89       |
| 49) 1,4-Dioxane             | 7.665  | 88    | 955      | 44.263   | ug/l # | 83       |
| -----                       |        |       |          |          |        |          |

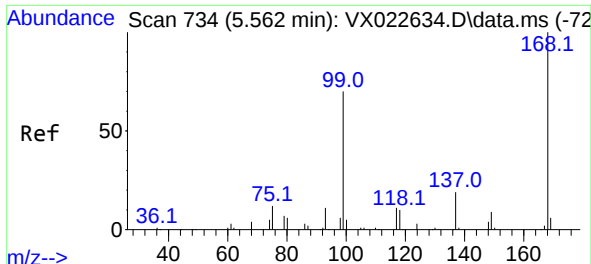
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061521\  
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Sample : M2712-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

Quant Time: Jun 16 05:26:59 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 10 12:20:00 2021  
Response via : Initial Calibration

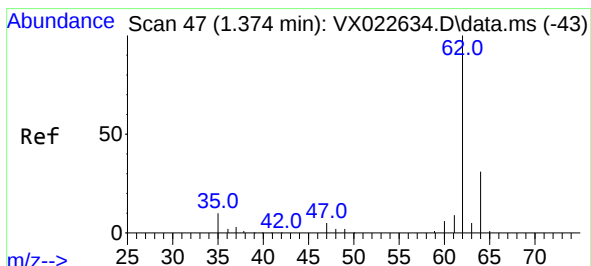
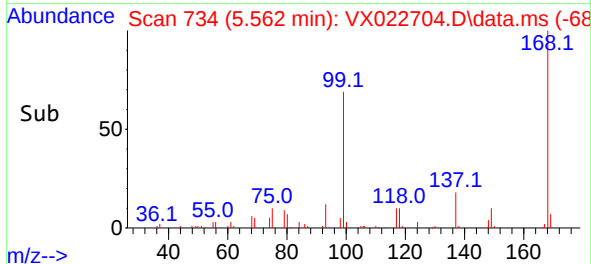
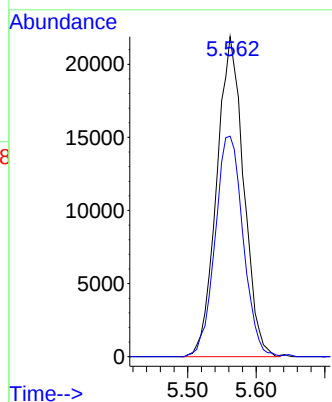
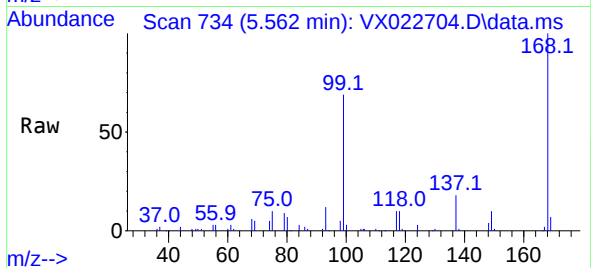




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022704.D  
Acq: 15 Jun 2021 17:21

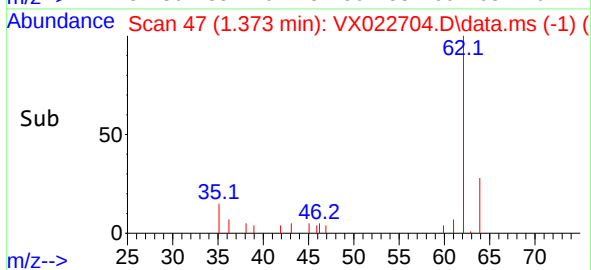
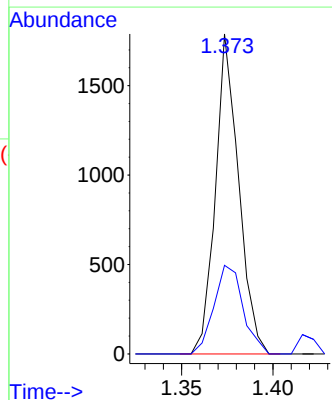
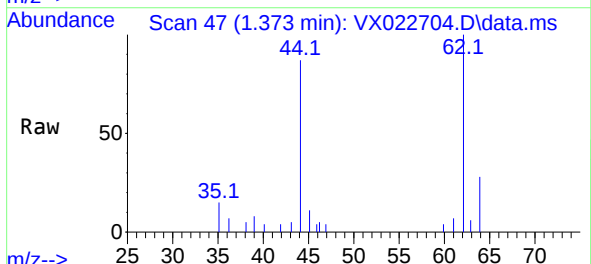
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-3

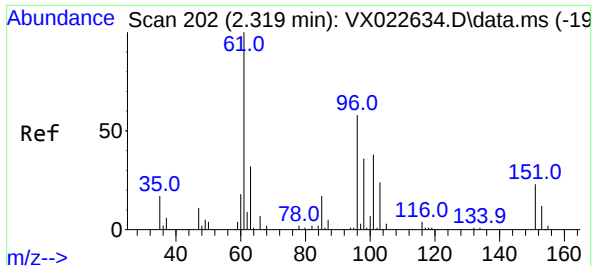
Tgt Ion:168 Resp: 59793  
Ion Ratio Lower Upper  
168 100  
99 68.9 45.8 68.6#



#4  
Vinyl Chloride  
Concen: 1.898 ug/l  
RT: 1.373 min Scan# 47  
Delta R.T. -0.001 min  
Lab File: VX022704.D  
Acq: 15 Jun 2021 17:21

Tgt Ion: 62 Resp: 1581  
Ion Ratio Lower Upper  
62 100  
64 27.7 25.7 38.5





#12

1,1-Dichloroethene

Concen: 7.413 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022704.D

Acq: 15 Jun 2021 17:21

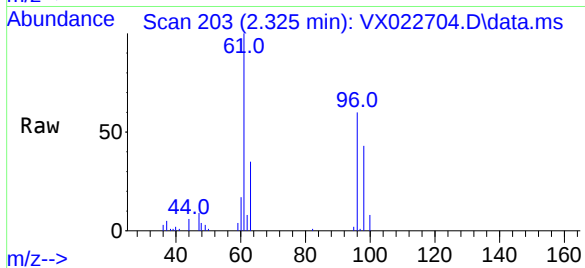
Tgt Ion: 96 Resp: 5381

Ion Ratio Lower Upper

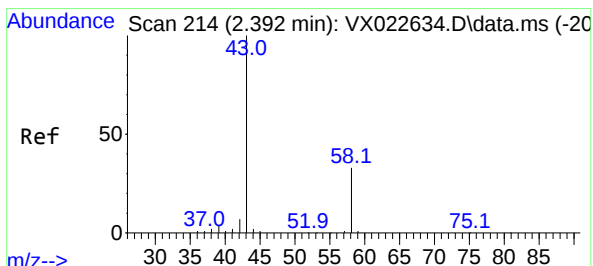
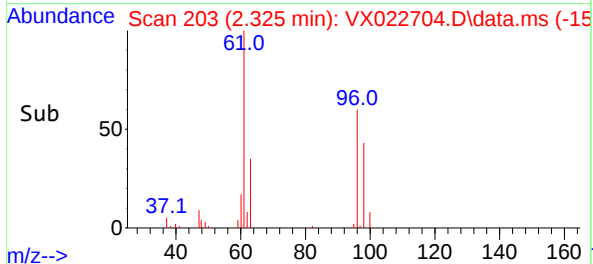
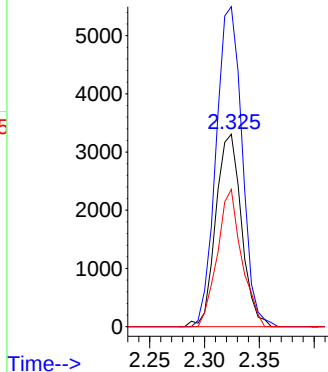
96 100

61 166.3 124.6 187.0

98 71.4 50.6 76.0



Abundance



#16

Acetone

Concen: 2.399 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX022704.D

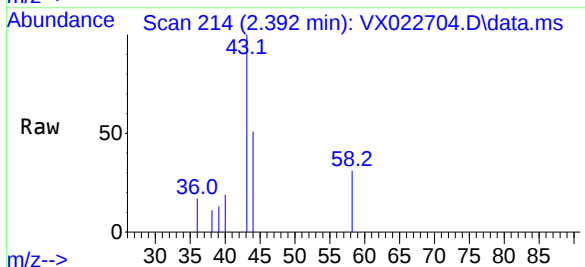
Acq: 15 Jun 2021 17:21

Tgt Ion: 43 Resp: 1155

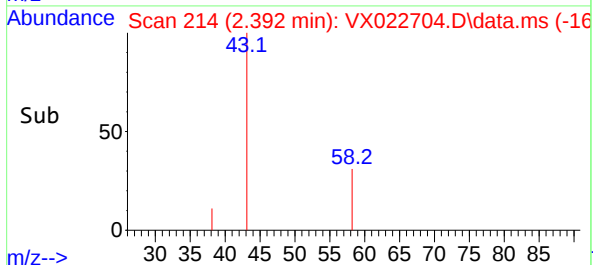
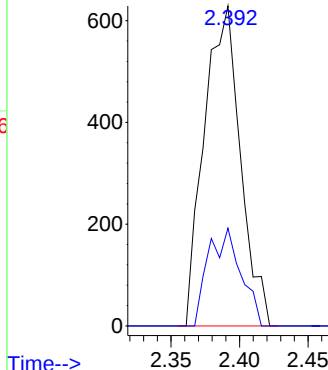
Ion Ratio Lower Upper

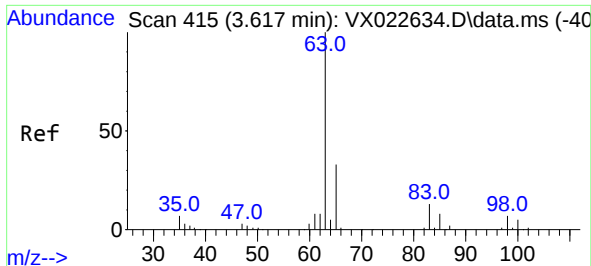
43 100

58 30.5 27.8 41.8



Abundance

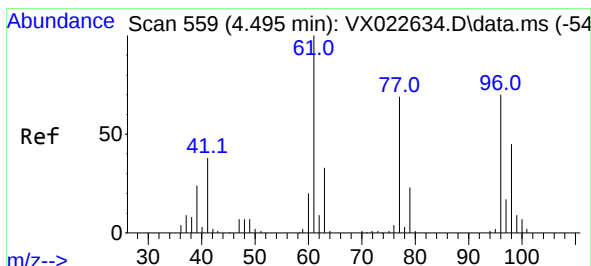
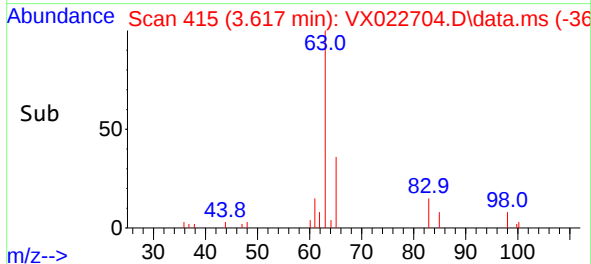
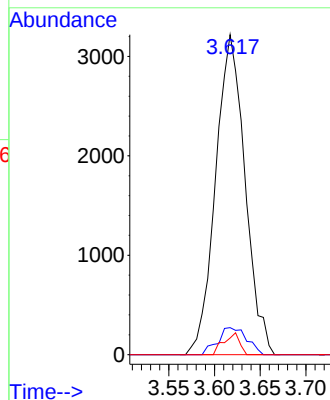
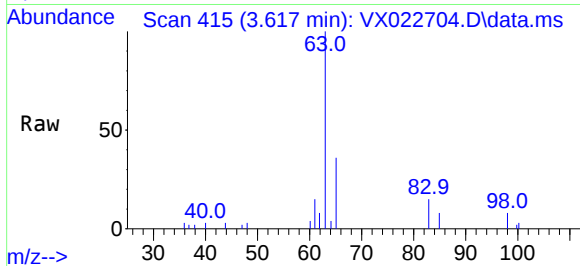




#24  
1,1-Dichloroethane  
Concen: 4.476 ug/l  
RT: 3.617 min Scan# 415  
Delta R.T. 0.006 min  
Lab File: VX022704.D  
Acq: 15 Jun 2021 17:21

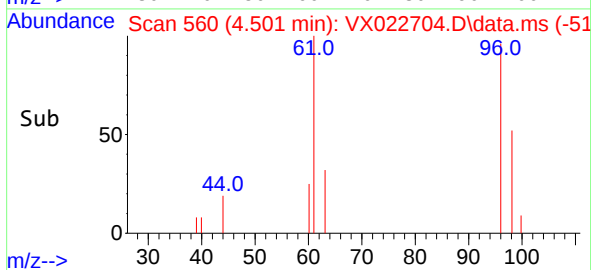
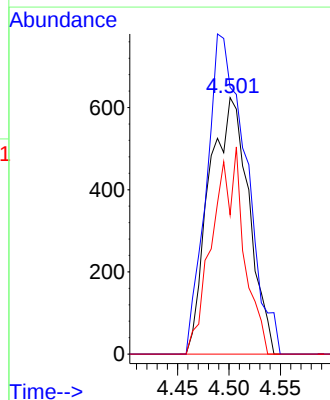
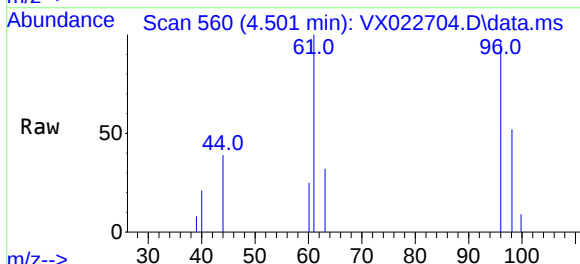
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-3

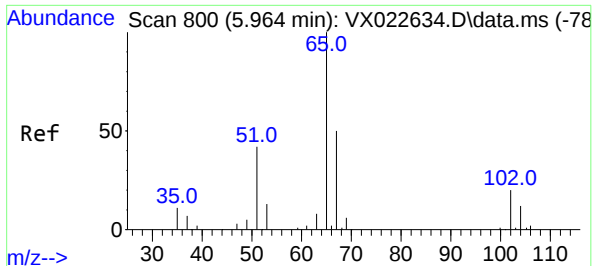
|             |       |          |
|-------------|-------|----------|
| Tgt Ion: 63 | Resp: | 7214     |
| Ion Ratio   | Lower | Upper    |
| 63          | 100   |          |
| 98          | 8.4   | 3.8 11.2 |
| 100         | 5.2   | 2.5 7.5  |



#27  
cis-1,2-Dichloroethene  
Concen: 1.713 ug/l  
RT: 4.501 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: VX022704.D  
Acq: 15 Jun 2021 17:21

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 96 | Resp: | 1679      |
| Ion Ratio   | Lower | Upper     |
| 96          | 100   |           |
| 61          | 123.8 | 0.0 285.6 |
| 98          | 63.4  | 0.0 129.6 |



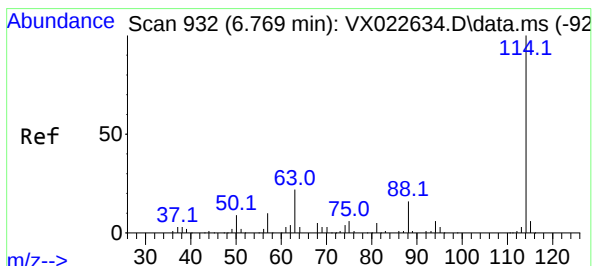
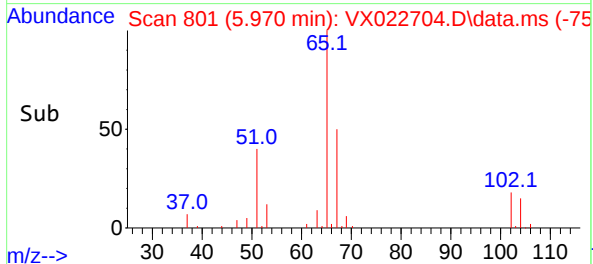
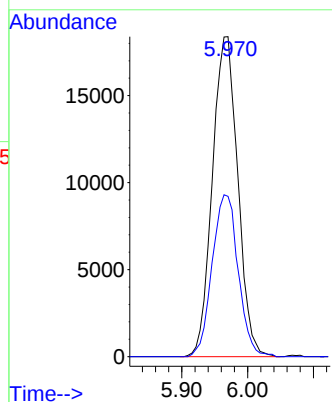
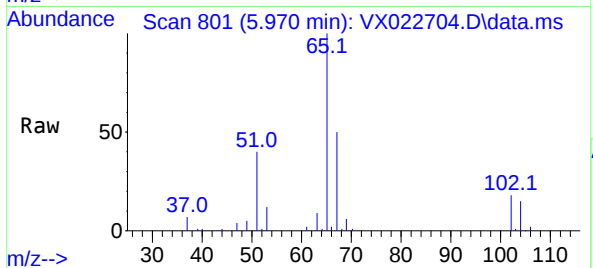


#33

1,2-Dichloroethane-d4  
Concen: 45.990 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: VX022704.D  
Acq: 15 Jun 2021 17:21

Instrument :  
MSVOA\_X  
ClientSampled :  
MW-3

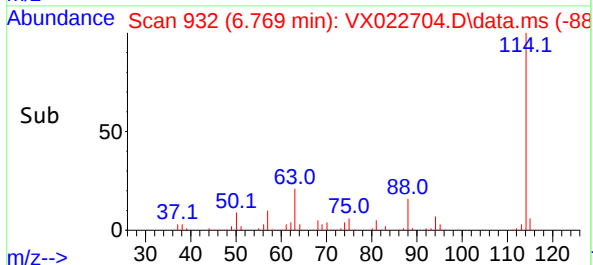
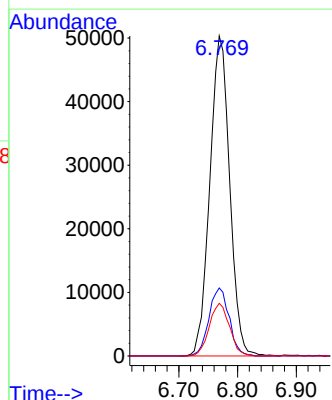
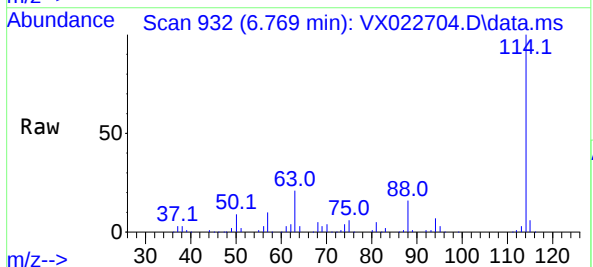
Tgt Ion: 65 Resp: 49456  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 105.4

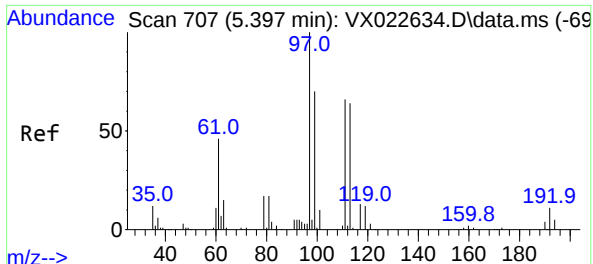


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022704.D  
Acq: 15 Jun 2021 17:21

Tgt Ion: 114 Resp: 118071  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 40.8  
88 16.5 0.0 32.8

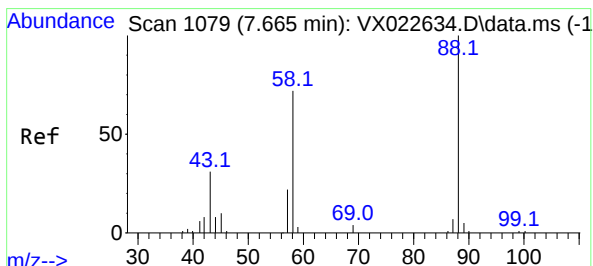
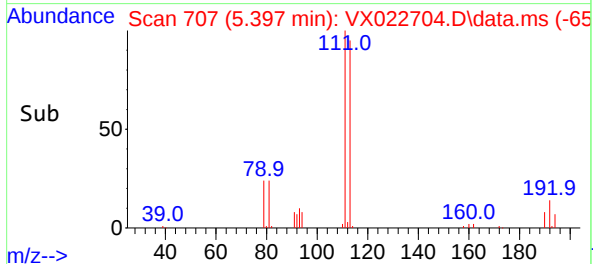
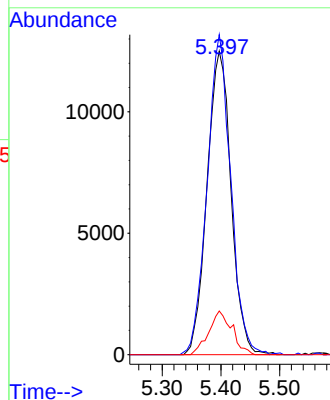
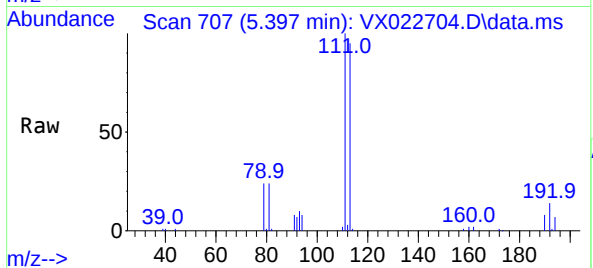




#35  
Dibromofluoromethane  
Concen: 47.161 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022704.D  
Acq: 15 Jun 2021 17:21

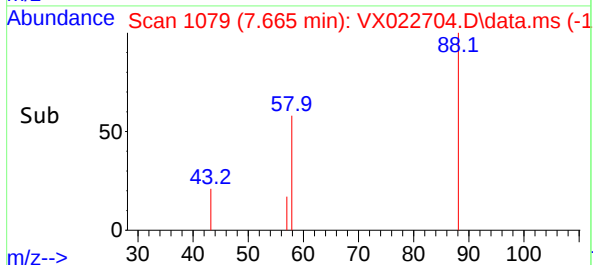
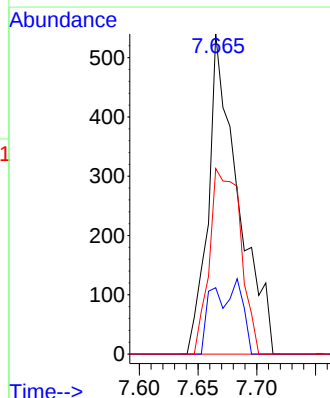
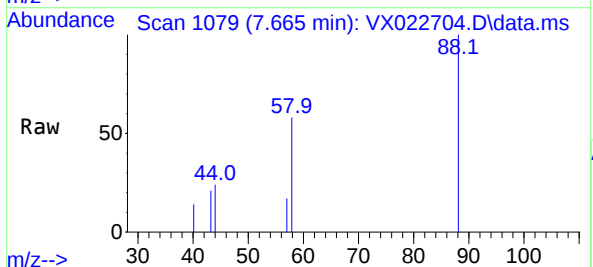
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-3

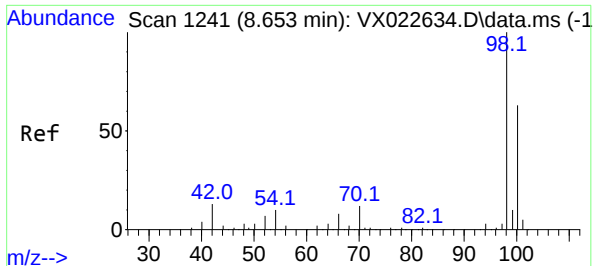
Tgt Ion:113 Resp: 35527  
Ion Ratio Lower Upper  
113 100  
111 103.6 81.9 122.9  
192 14.0 16.7 25.1#



#49  
1,4-Dioxane  
Concen: 44.263 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX022704.D  
Acq: 15 Jun 2021 17:21

Tgt Ion: 88 Resp: 955  
Ion Ratio Lower Upper  
88 100  
43 11.3 23.2 34.8#  
58 60.0 55.0 82.4





#50

Toluene-d8

Concen: 48.535 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022704.D

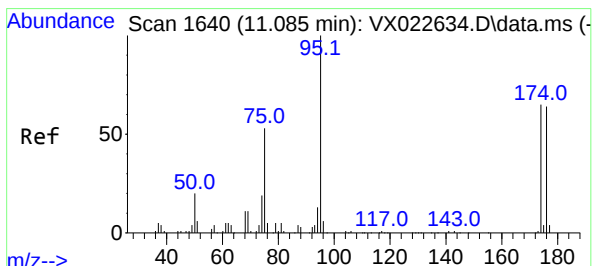
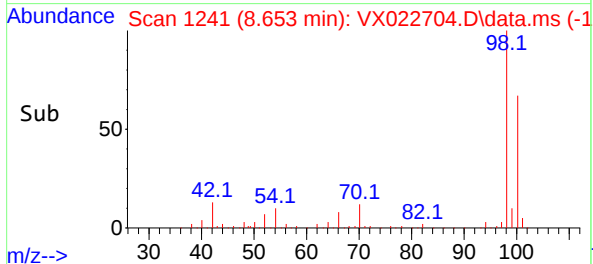
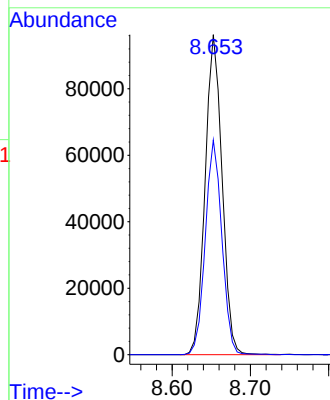
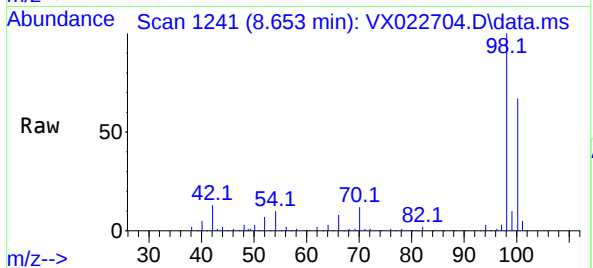
Acq: 15 Jun 2021 17:21

Tgt Ion: 98 Resp: 144130

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.944 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022704.D

Acq: 15 Jun 2021 17:21

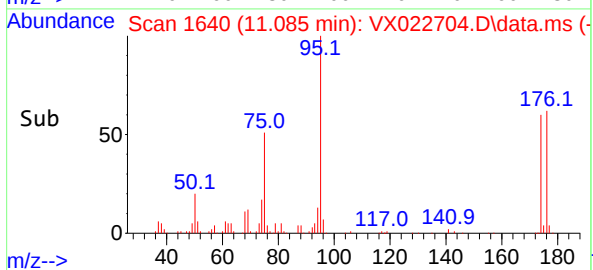
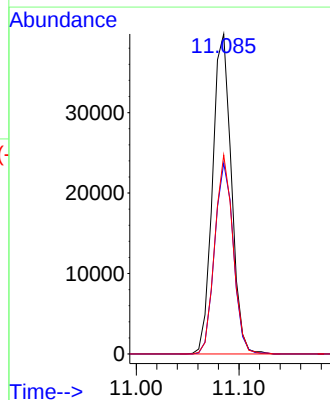
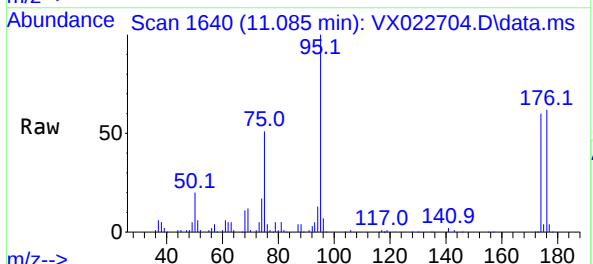
Tgt Ion: 95 Resp: 50477

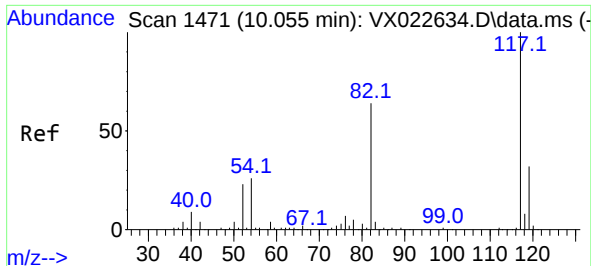
Ion Ratio Lower Upper

95 100

174 59.3 0.0 154.6

176 60.2 0.0 155.8

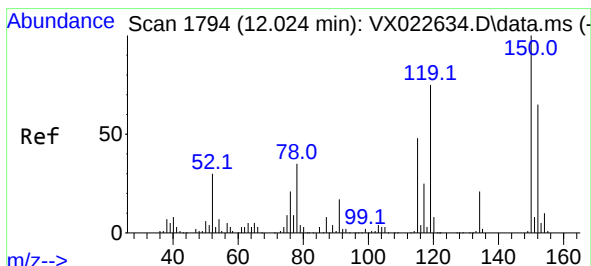
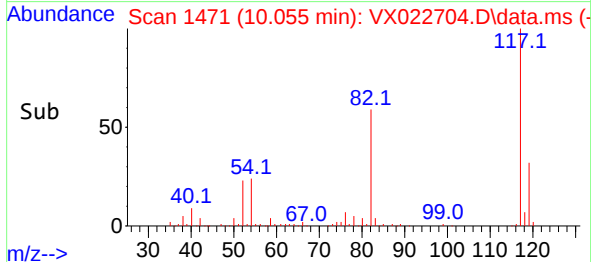
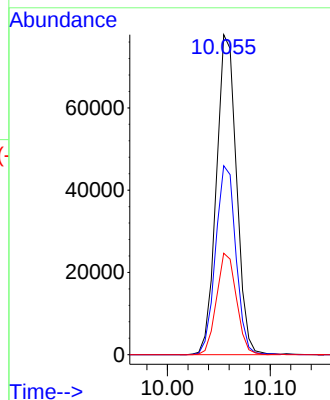
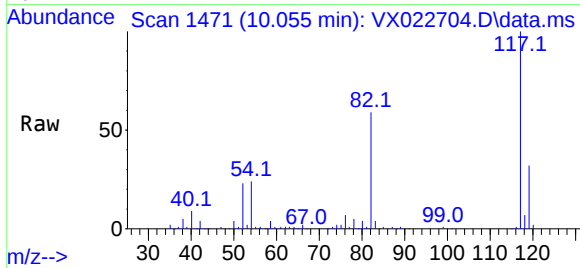




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX022704.D  
Acq: 15 Jun 2021 17:21

Instrument :  
MSVOA\_X  
ClientSampled :  
MW-3

Tgt Ion:117 Resp: 105787  
Ion Ratio Lower Upper  
117 100  
82 59.1 47.4 71.2  
119 31.7 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX022704.D  
Acq: 15 Jun 2021 17:21

Tgt Ion:152 Resp: 39104  
Ion Ratio Lower Upper  
152 100  
115 67.5 41.1 123.3  
150 160.5 0.0 349.0

