

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061521\  
 Data File : VX022705.D  
 Acq On : 15 Jun 2021 17:44  
 Operator : JC/MD  
 Sample : M2712-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4

Quant Time: Jun 16 05:27:09 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

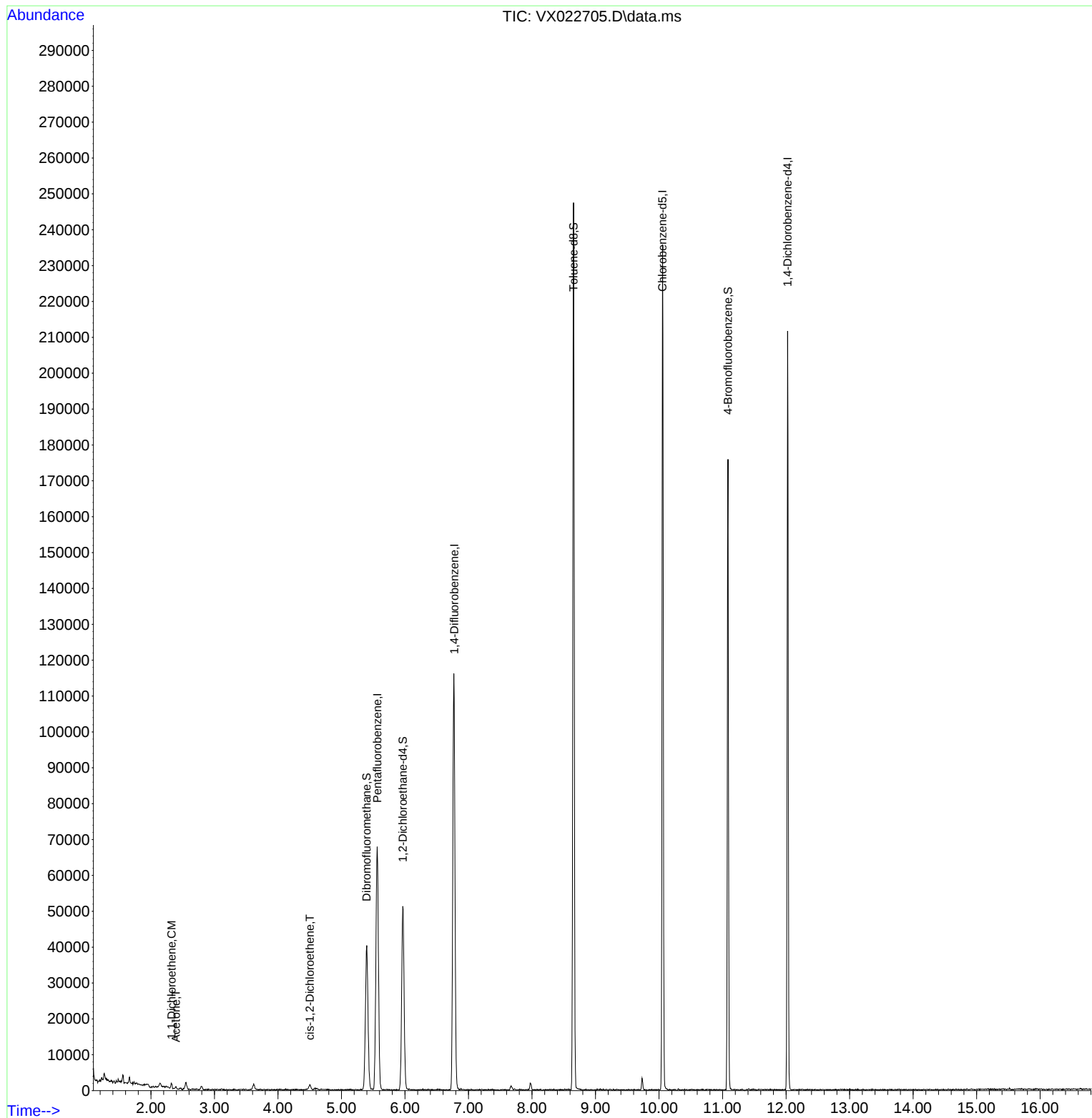
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 56358    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.775  | 114   | 112935   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 97766    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 36811    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 47503    | 46.866   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 93.740%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 34520    | 47.908   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.820%  |
| 50) Toluene-d8              | 8.653  | 98    | 136644   | 48.106   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 96.220%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 46338    | 43.135   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 86.260%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene      | 2.325  | 96    | 482      | 0.704    | ug/l   | # 88     |
| 16) Acetone                 | 2.392  | 43    | 714      | 1.573    | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene  | 4.501  | 96    | 937      | 1.014    | ug/l   | 77       |
| -----                       |        |       |          |          |        |          |

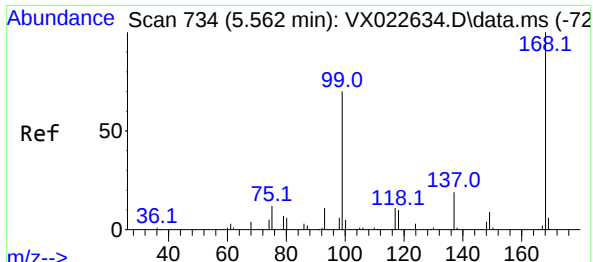
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX022705.D  
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Operator : JC/MD  
Sample : M2712-04  
Misc : 5.0mL/MSVOA\_X/WATER  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

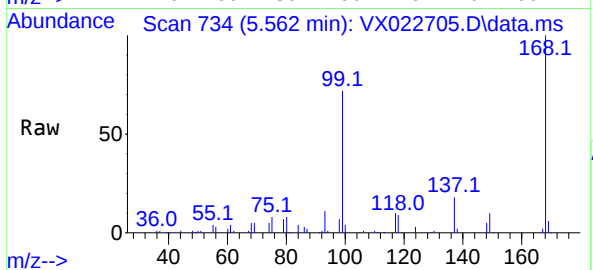
Quant Time: Jun 16 05:27:09 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 10 12:20:00 2021  
Response via : Initial Calibration



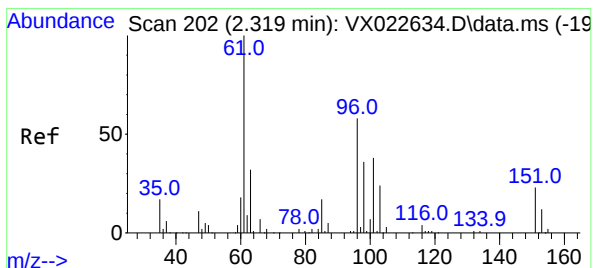
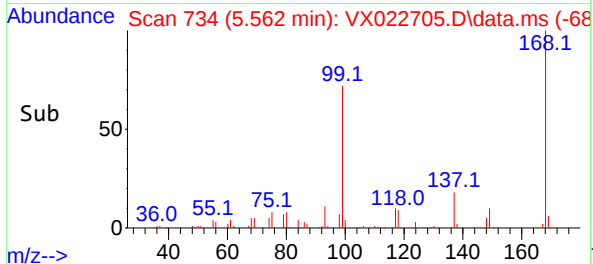
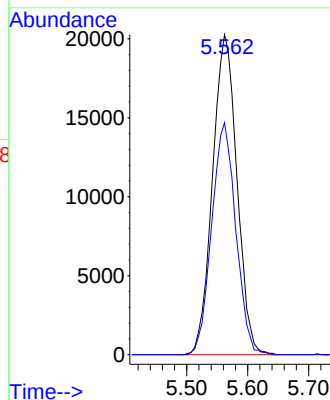


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022705.D  
Acq: 15 Jun 2021 17:44

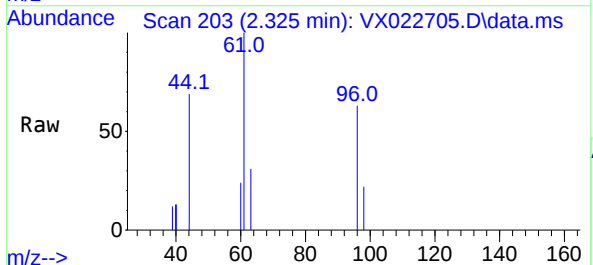
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4



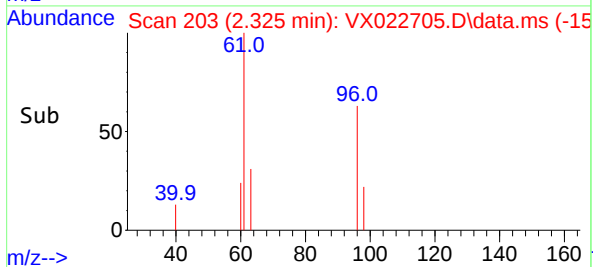
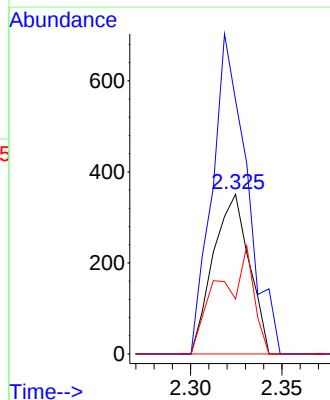
Tgt Ion:168 Resp: 56358  
Ion Ratio Lower Upper  
168 100  
99 72.5 45.8 68.6#

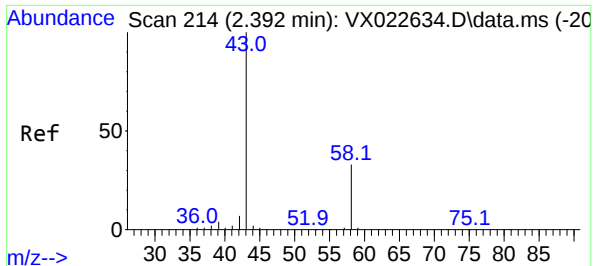


#12  
1,1-Dichloroethene  
Concen: 0.704 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX022705.D  
Acq: 15 Jun 2021 17:44



Tgt Ion: 96 Resp: 482  
Ion Ratio Lower Upper  
96 100  
61 158.7 124.6 187.0  
98 34.5 50.6 76.0#

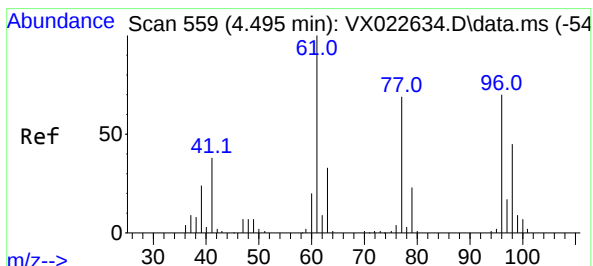
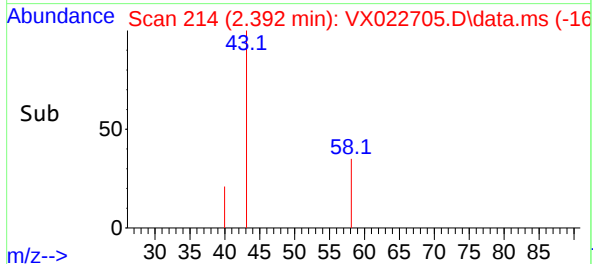
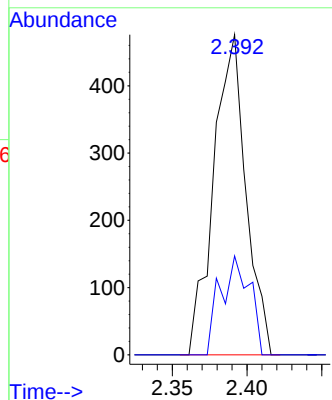
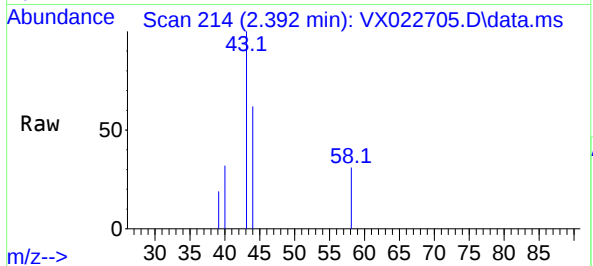




#16  
Acetone  
Concen: 1.573 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX022705.D  
Acq: 15 Jun 2021 17:44

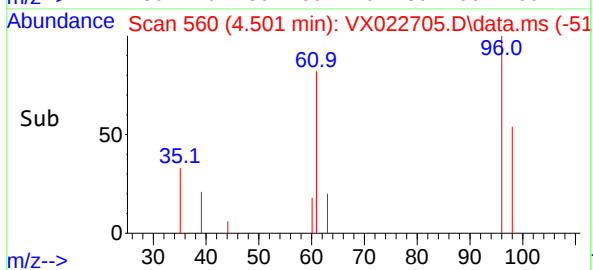
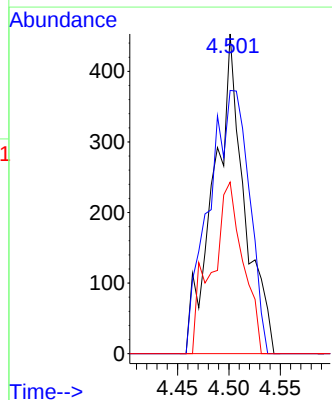
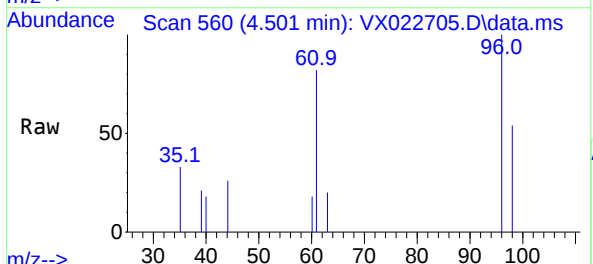
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-4

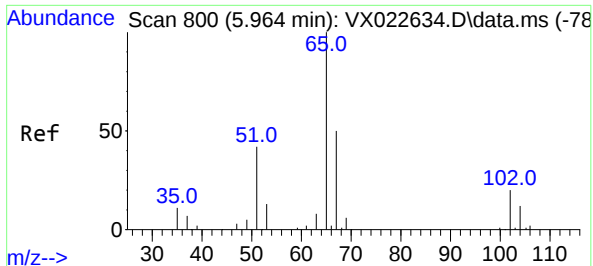
Tgt Ion: 43 Resp: 714  
Ion Ratio Lower Upper  
43 100  
58 30.9 27.8 41.8



#27  
cis-1,2-Dichloroethene  
Concen: 1.014 ug/l  
RT: 4.501 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: VX022705.D  
Acq: 15 Jun 2021 17:44

Tgt Ion: 96 Resp: 937  
Ion Ratio Lower Upper  
96 100  
61 108.6 0.0 285.6  
98 55.2 0.0 129.6



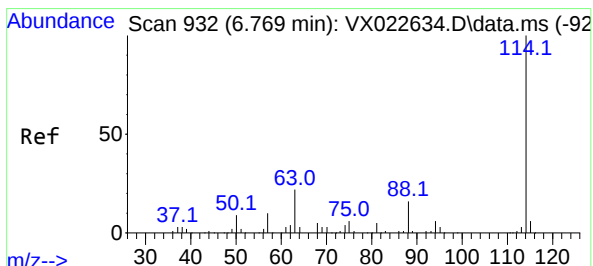
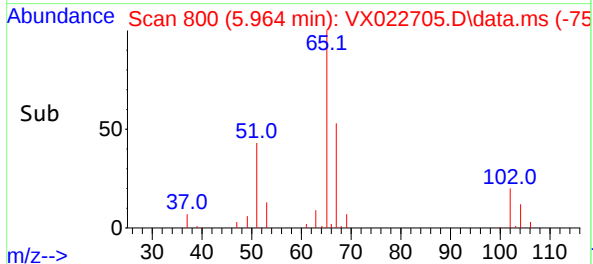
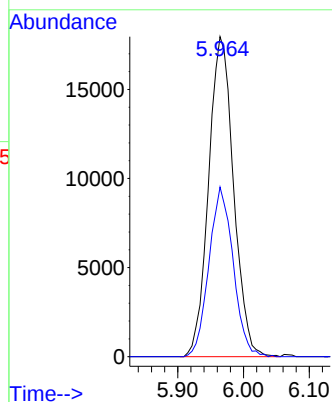
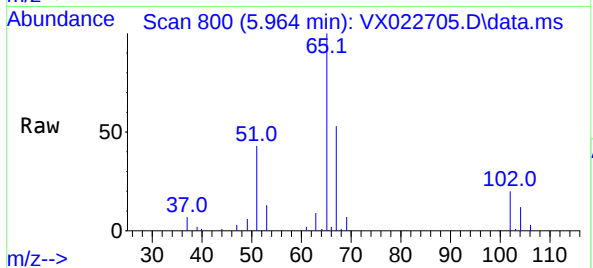


#33

1,2-Dichloroethane-d4  
Concen: 46.866 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022705.D  
Acq: 15 Jun 2021 17:44

Instrument :  
MSVOA\_X  
ClientSampled :  
MW-4

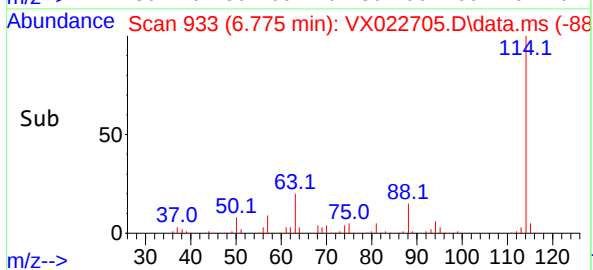
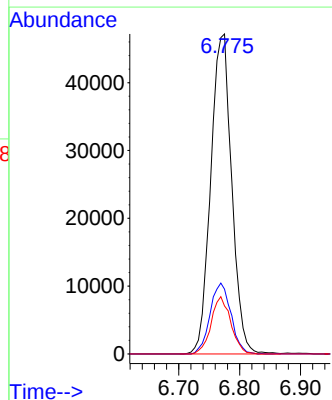
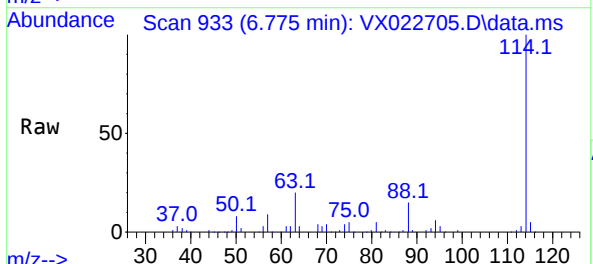
Tgt Ion: 65 Resp: 47503  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 105.4

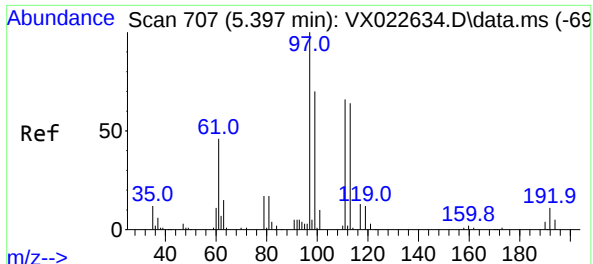


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.775 min Scan# 933  
Delta R.T. 0.006 min  
Lab File: VX022705.D  
Acq: 15 Jun 2021 17:44

Tgt Ion: 114 Resp: 112935  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 40.8  
88 15.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.908 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022705.D

Acq: 15 Jun 2021 17:44

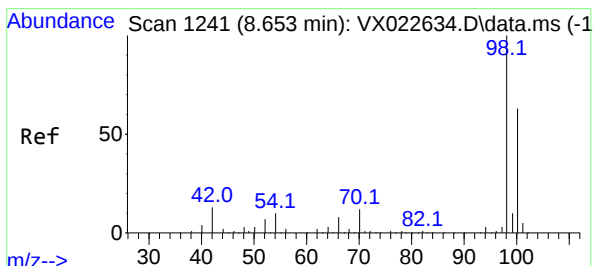
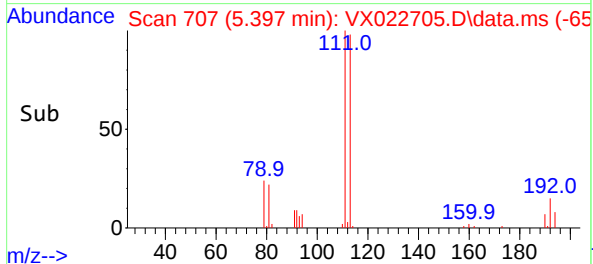
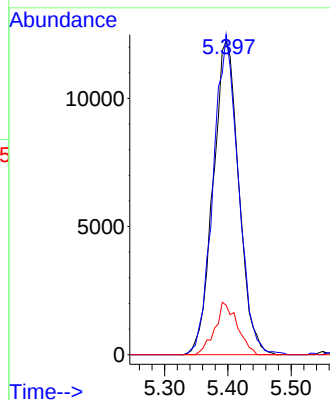
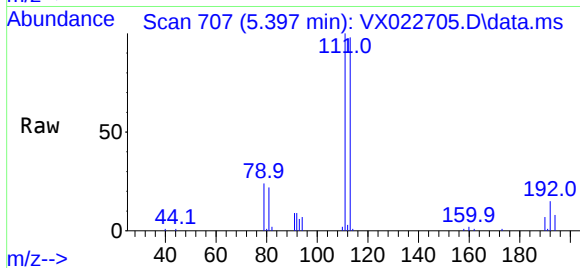
Tgt Ion:113 Resp: 34520

Ion Ratio Lower Upper

113 100

111 100.4 81.9 122.9

192 14.6 16.7 25.1#



#50

Toluene-d8

Concen: 48.106 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022705.D

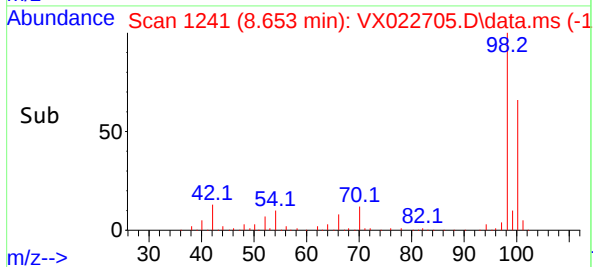
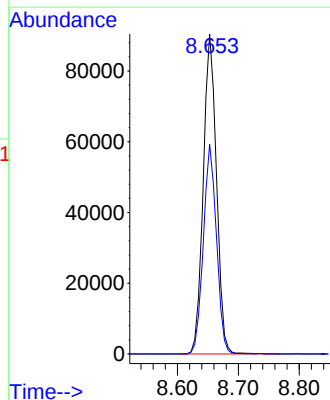
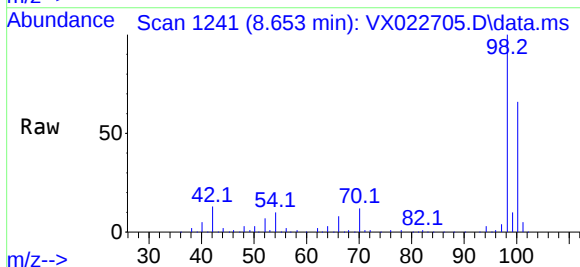
Acq: 15 Jun 2021 17:44

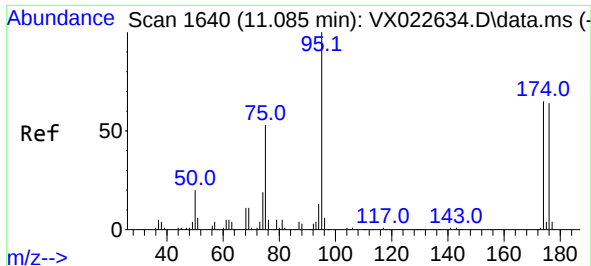
Tgt Ion: 98 Resp: 136644

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9

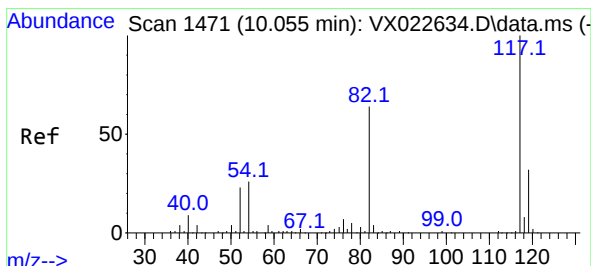
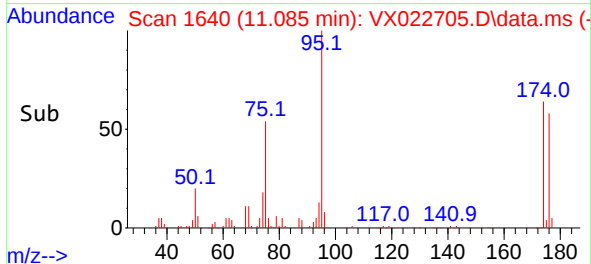
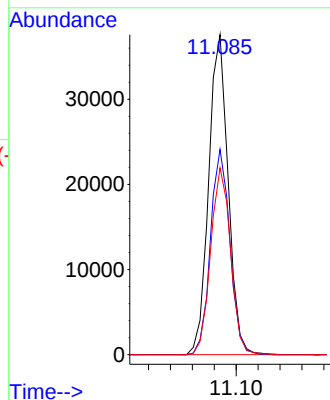
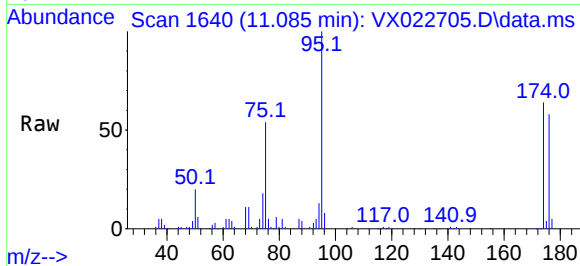




#62  
4-Bromofluorobenzene  
Concen: 43.135 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022705.D  
Acq: 15 Jun 2021 17:44

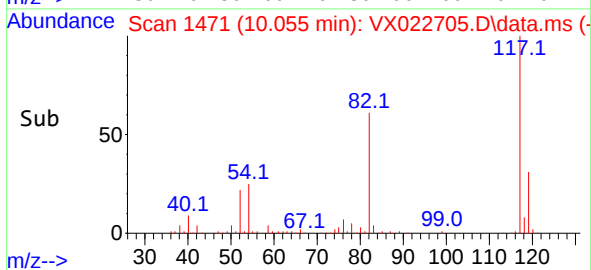
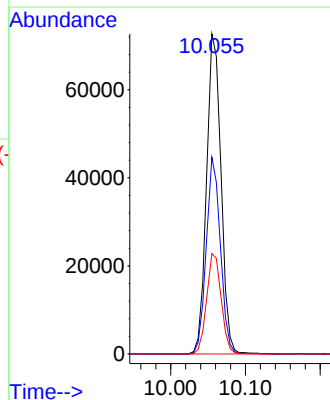
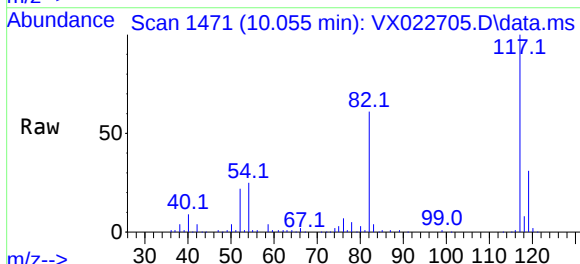
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

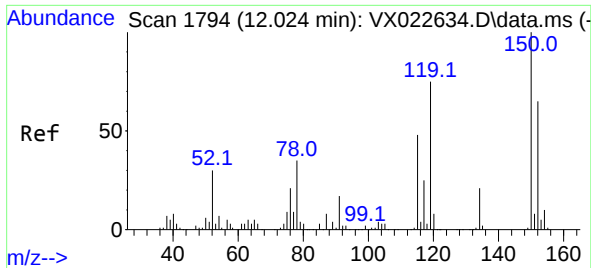
Tgt Ion: 95 Resp: 46338  
Ion Ratio Lower Upper  
95 100  
174 64.1 0.0 154.6  
176 59.7 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX022705.D  
Acq: 15 Jun 2021 17:44

Tgt Ion: 117 Resp: 97766  
Ion Ratio Lower Upper  
117 100  
82 61.4 47.4 71.2  
119 31.3 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: VX022705.D  
 Acq: 15 Jun 2021 17:44

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 MW-4

Tgt Ion:152 Resp: 36811  
 Ion Ratio Lower Upper  
 152 100  
 115 69.0 41.1 123.3  
 150 161.9 0.0 349.0

