

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112321\  
 Data File : VX025273.D  
 Acq On : 23 Nov 2021 14:44  
 Operator : JC/MD  
 Sample : M4788-01DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GWBR3D-B-320-341-111921DL

Quant Time: Nov 23 15:23:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 17 15:36:16 2021  
 Response via : Initial Calibration

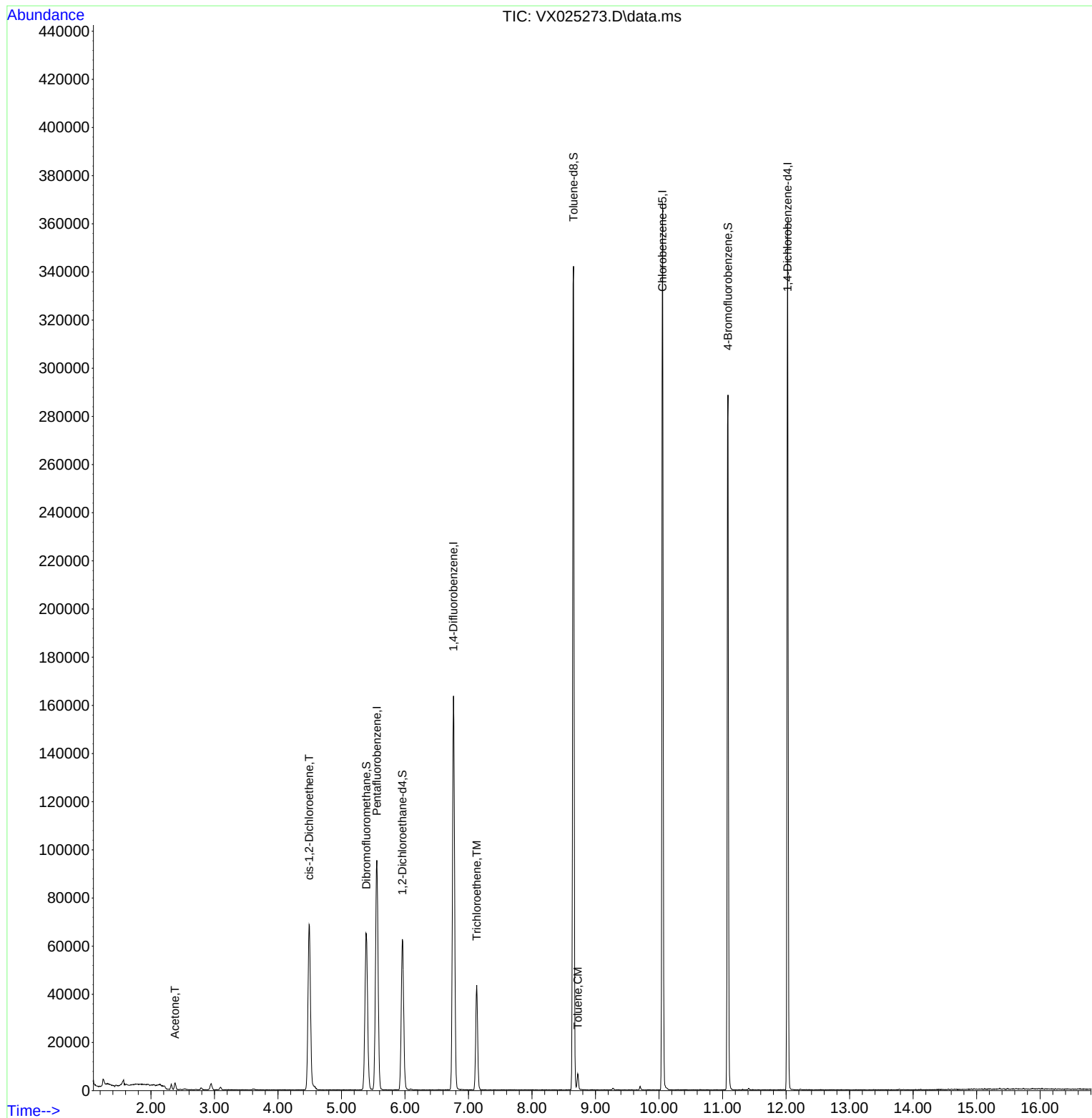
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 98681    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 177052   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 170947   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 77969    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 58260    | 56.010   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =     | 112.020% |
| 35) Dibromofluoromethane    | 5.391     | 113   | 56413    | 51.930   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 103.860% |
| 50) Toluene-d8              | 8.653     | 98    | 208698   | 51.096   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =     | 102.200% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 79057    | 51.163   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 102.320% |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.380     | 43    | 3041     | 5.261    | ug/l  | 98       |
| 27) cis-1,2-Dichloroethene  | 4.489     | 96    | 46331    | 39.597   | ug/l  | 81       |
| 44) Trichloroethene         | 7.129     | 130   | 17656    | 12.988   | ug/l  | 88       |
| 52) Toluene                 | 8.720     | 92    | 2689     | 0.880    | ug/l  | 95       |
| -----                       |           |       |          |          |       |          |

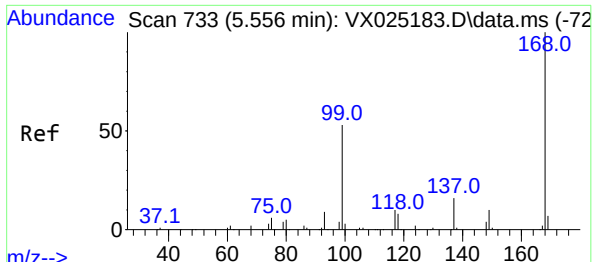
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112321\  
Data File : VX025273.D  
Acq On : 23 Nov 2021 14:44  
Operator : JC/MD  
Sample : M4788-01DL 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GWBR3D-B-320-341-111921DL

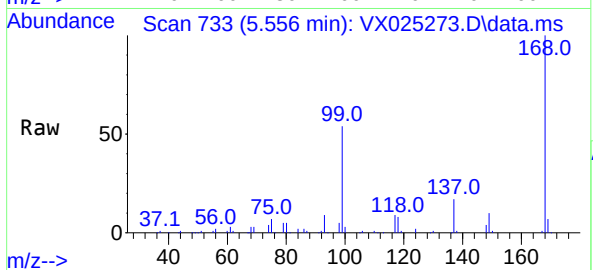
Quant Time: Nov 23 15:23:15 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 17 15:36:16 2021  
Response via : Initial Calibration



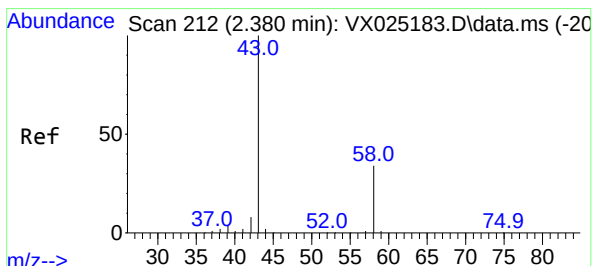
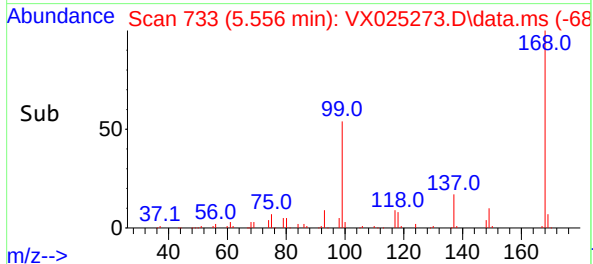
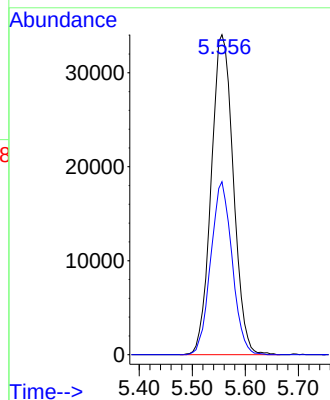


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX025273.D  
Acq: 23 Nov 2021 14:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
GWBR3D-B-320-341-111921DL

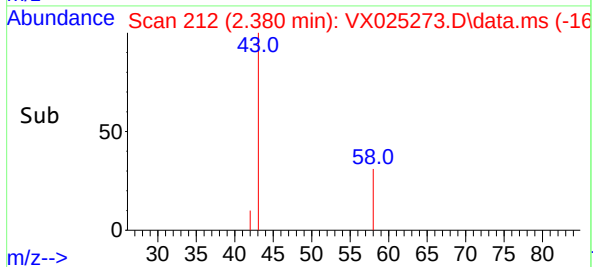
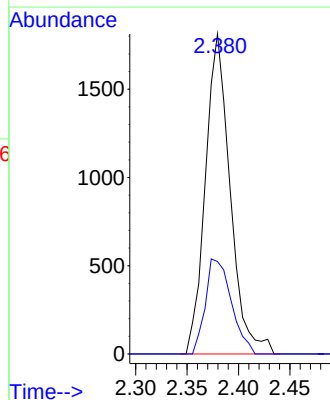
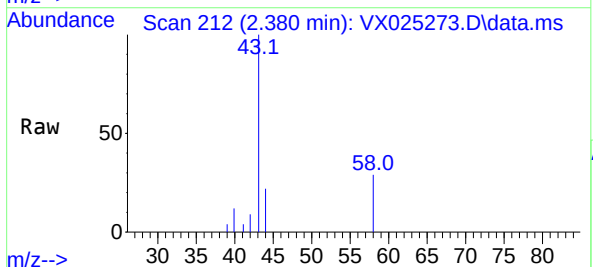


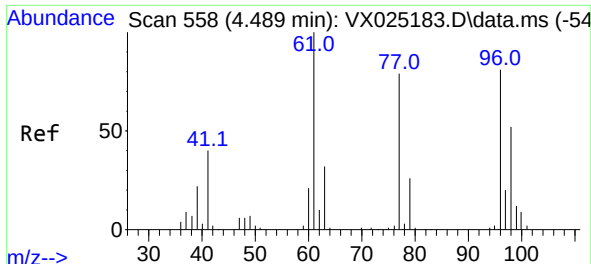
Tgt Ion:168 Resp: 98681  
Ion Ratio Lower Upper  
168 100  
99 54.0 46.4 69.6



#16  
Acetone  
Concen: 5.261 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX025273.D  
Acq: 23 Nov 2021 14:44

Tgt Ion: 43 Resp: 3041  
Ion Ratio Lower Upper  
43 100  
58 28.9 24.0 36.0



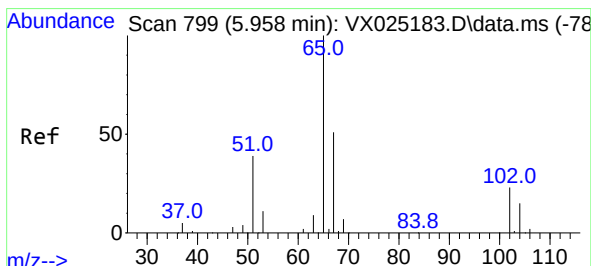
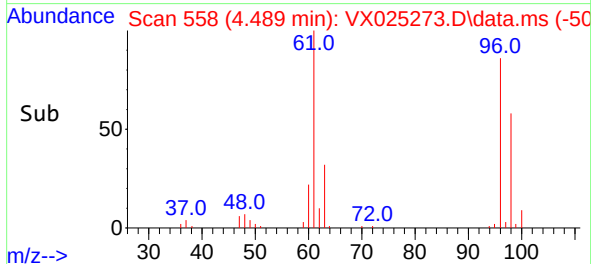
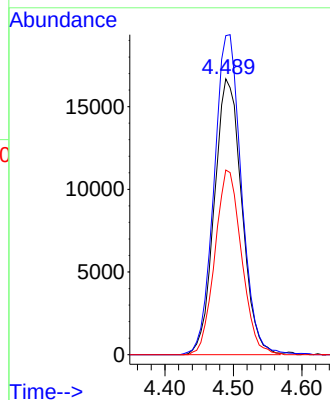
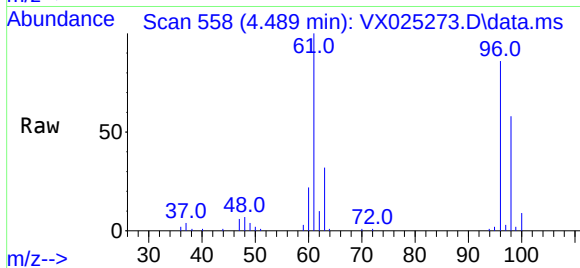


#27  
 cis-1,2-Dichloroethene  
 Concen: 39.597 ug/l  
 RT: 4.489 min Scan# 511  
 Delta R.T. -0.000 min  
 Lab File: VX025273.D  
 Acq: 23 Nov 2021 14:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GWBR3D-B-320-341-111921DL

Tgt Ion: 96 Resp: 46331  

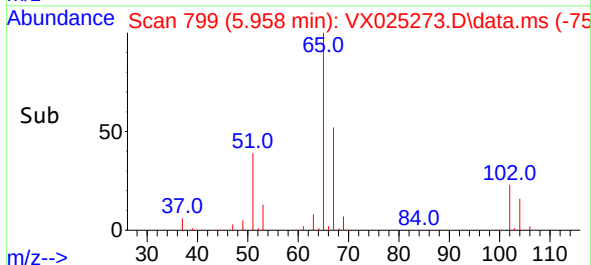
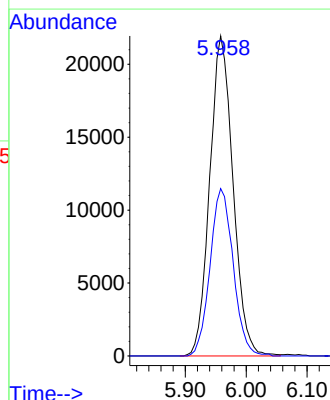
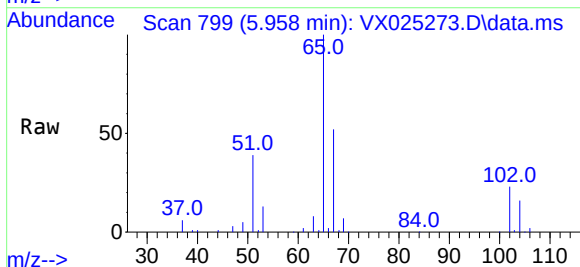
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 115.8 | 0.0   | 302.2 |
| 98  | 65.2  | 0.0   | 131.4 |

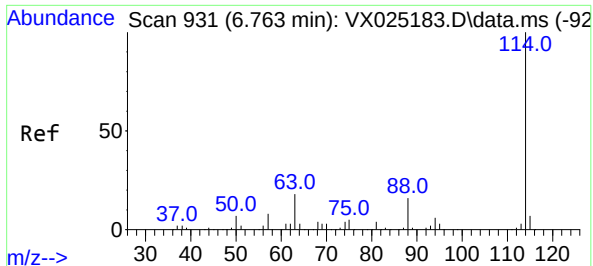


#33  
 1,2-Dichloroethane-d4  
 Concen: 56.010 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX025273.D  
 Acq: 23 Nov 2021 14:44

Tgt Ion: 65 Resp: 58260  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.0  | 0.0   | 101.0 |

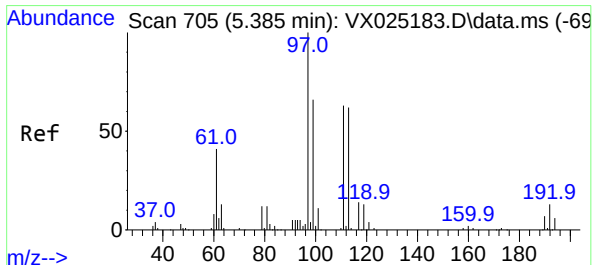
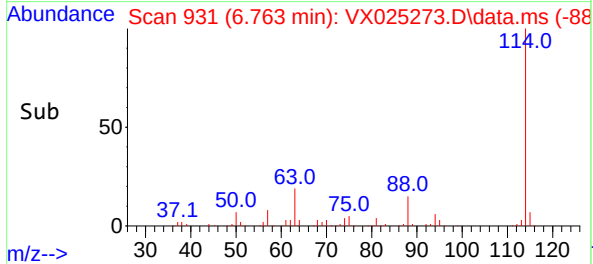
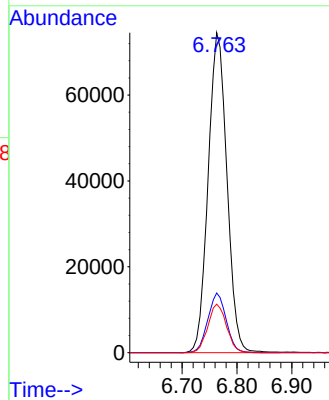
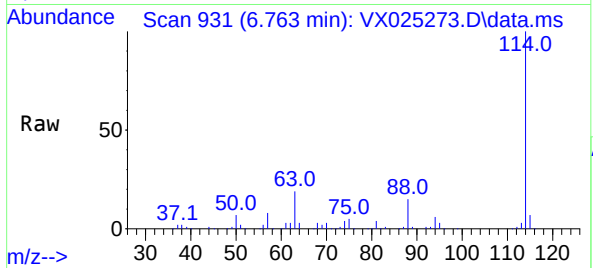




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX025273.D  
Acq: 23 Nov 2021 14:44

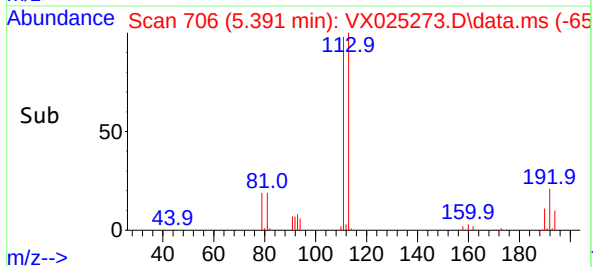
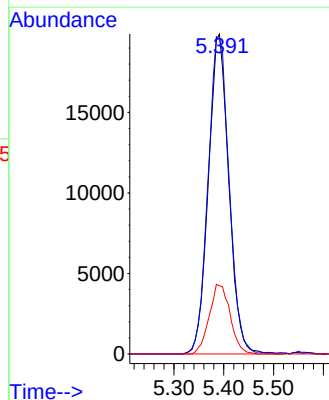
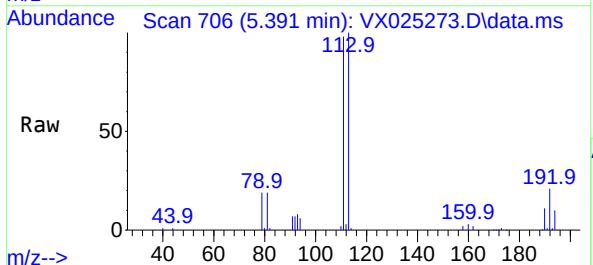
Instrument :  
MSVOA\_X  
ClientSampleId :  
GWBR3D-B-320-341-111921DL

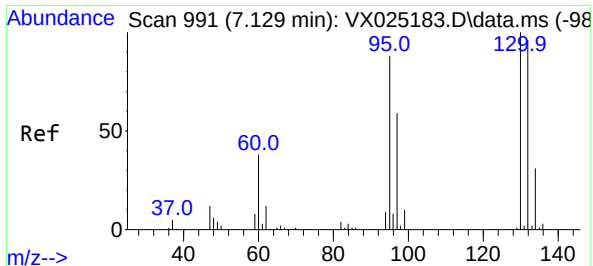
Tgt Ion:114 Resp: 177052  
Ion Ratio Lower Upper  
114 100  
63 18.7 0.0 41.0  
88 15.2 0.0 34.8



#35  
Dibromofluoromethane  
Concen: 51.930 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX025273.D  
Acq: 23 Nov 2021 14:44

Tgt Ion:113 Resp: 56413  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.1 123.1  
192 22.3 15.6 23.4

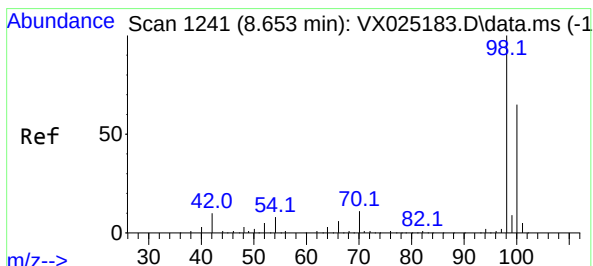
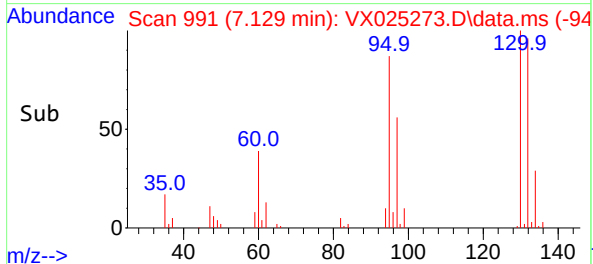
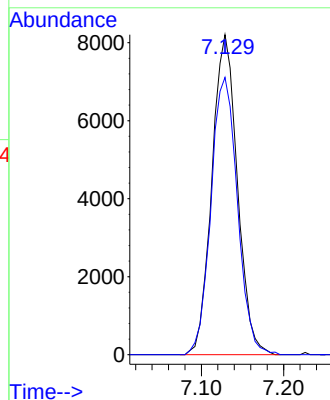
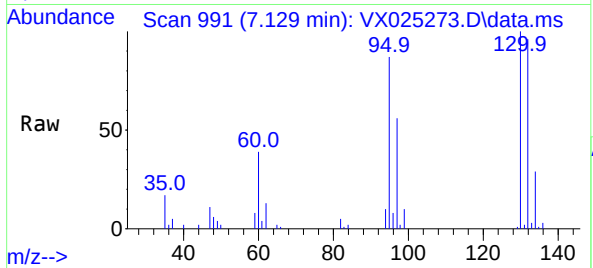




#44  
Trichloroethene  
Concen: 12.988 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX025273.D  
Acq: 23 Nov 2021 14:44

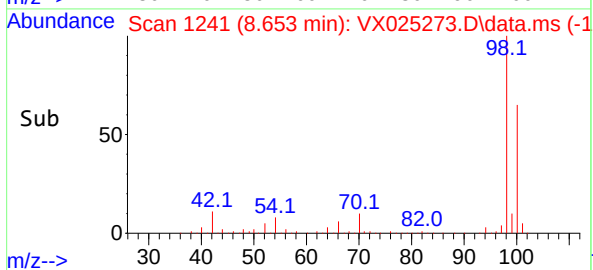
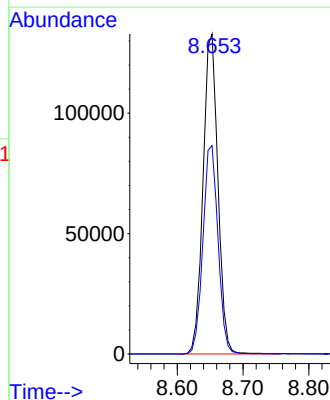
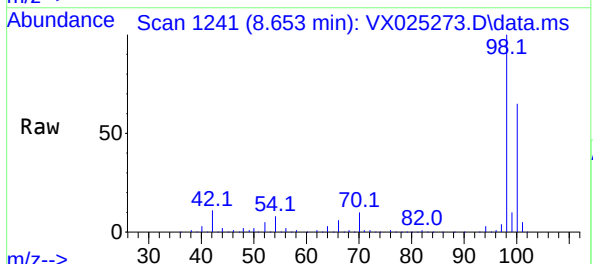
Instrument :  
MSVOA\_X  
ClientSampleId :  
GWBR3D-B-320-341-111921DL

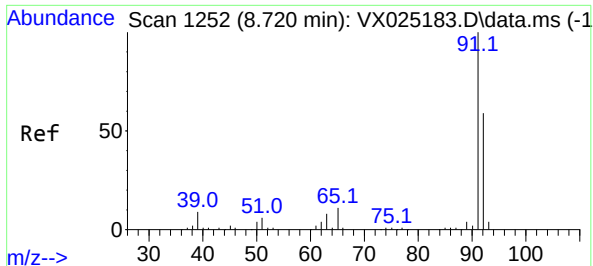
Tgt Ion:130 Resp: 17656  
Ion Ratio Lower Upper  
130 100  
95 86.7 0.0 196.8



#50  
Toluene-d8  
Concen: 51.096 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX025273.D  
Acq: 23 Nov 2021 14:44

Tgt Ion: 98 Resp: 208698  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.4 77.0





#52

Toluene

Concen: 0.880 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025273.D

Acq: 23 Nov 2021 14:44

Instrument :

MSVOA\_X

ClientSampleId :

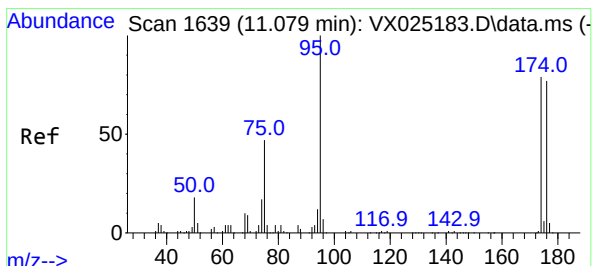
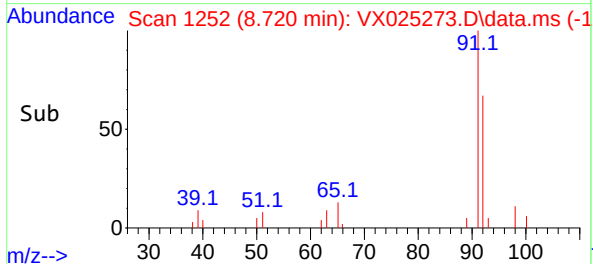
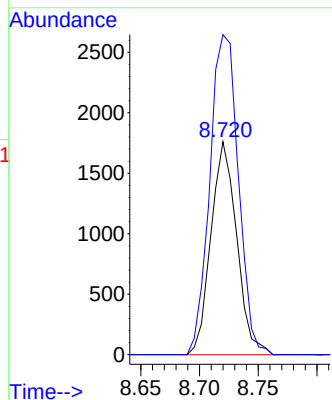
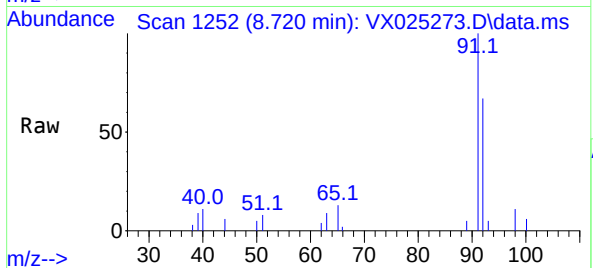
GWBR3D-B-320-341-111921DL

Tgt Ion: 92 Resp: 2689

Ion Ratio Lower Upper

92 100

91 166.7 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 51.163 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025273.D

Acq: 23 Nov 2021 14:44

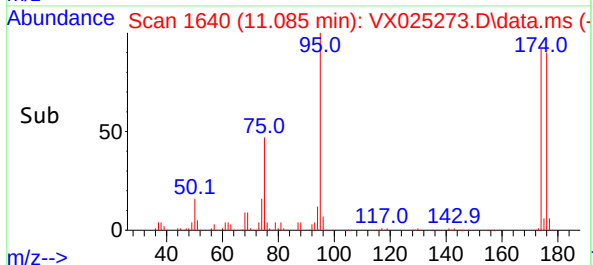
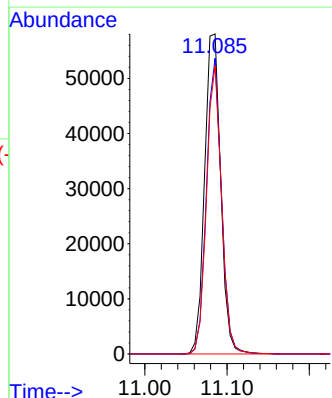
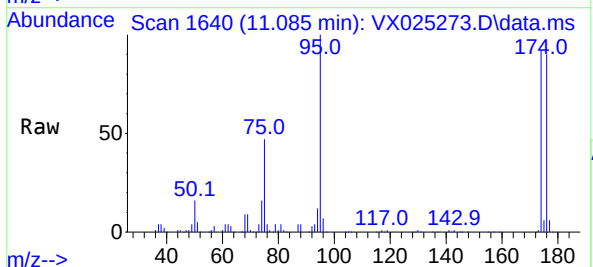
Tgt Ion: 95 Resp: 79057

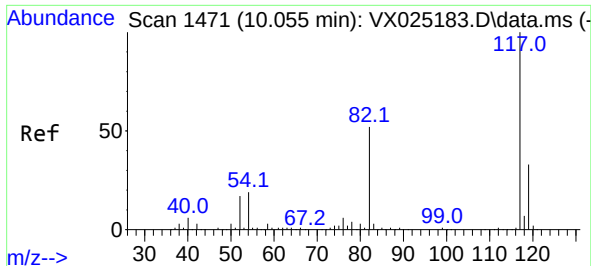
Ion Ratio Lower Upper

95 100

174 86.4 0.0 158.0

176 84.2 0.0 153.6

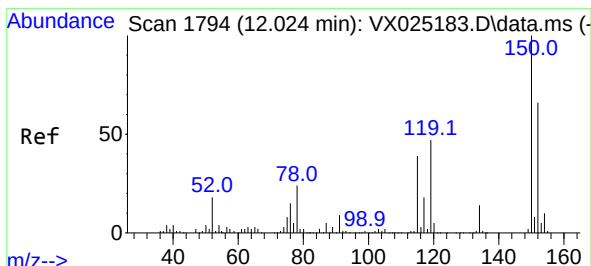
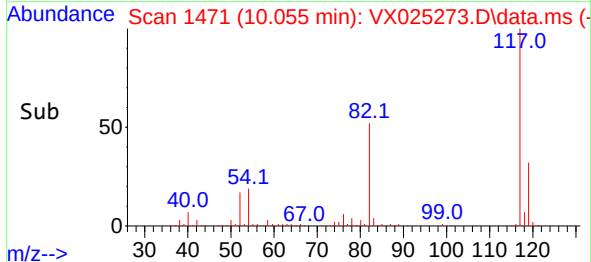
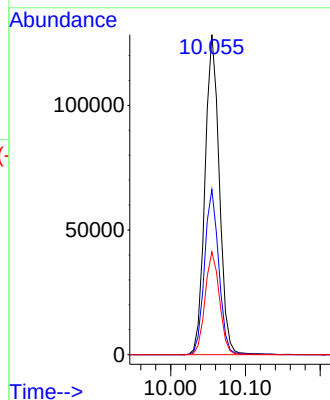
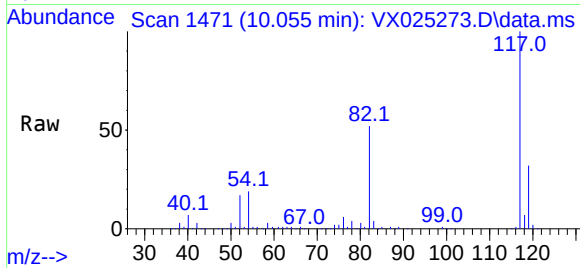




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX025273.D  
Acq: 23 Nov 2021 14:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
GWBR3D-B-320-341-111921DL

Tgt Ion:117 Resp: 170947  
Ion Ratio Lower Upper  
117 100  
82 51.7 44.6 67.0  
119 32.1 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX025273.D  
Acq: 23 Nov 2021 14:44

Tgt Ion:152 Resp: 77969  
Ion Ratio Lower Upper  
152 100  
115 56.4 43.3 129.8  
150 156.9 0.0 351.2

