

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051521\  
 Data File : VX022010.D  
 Acq On : 14 May 2021 21:25  
 Operator : JC/MD  
 Sample : M2410-07  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG6N2

Quant Time: May 14 23:41:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR051021WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri May 14 23:38:54 2021  
 Response via : Initial Calibration

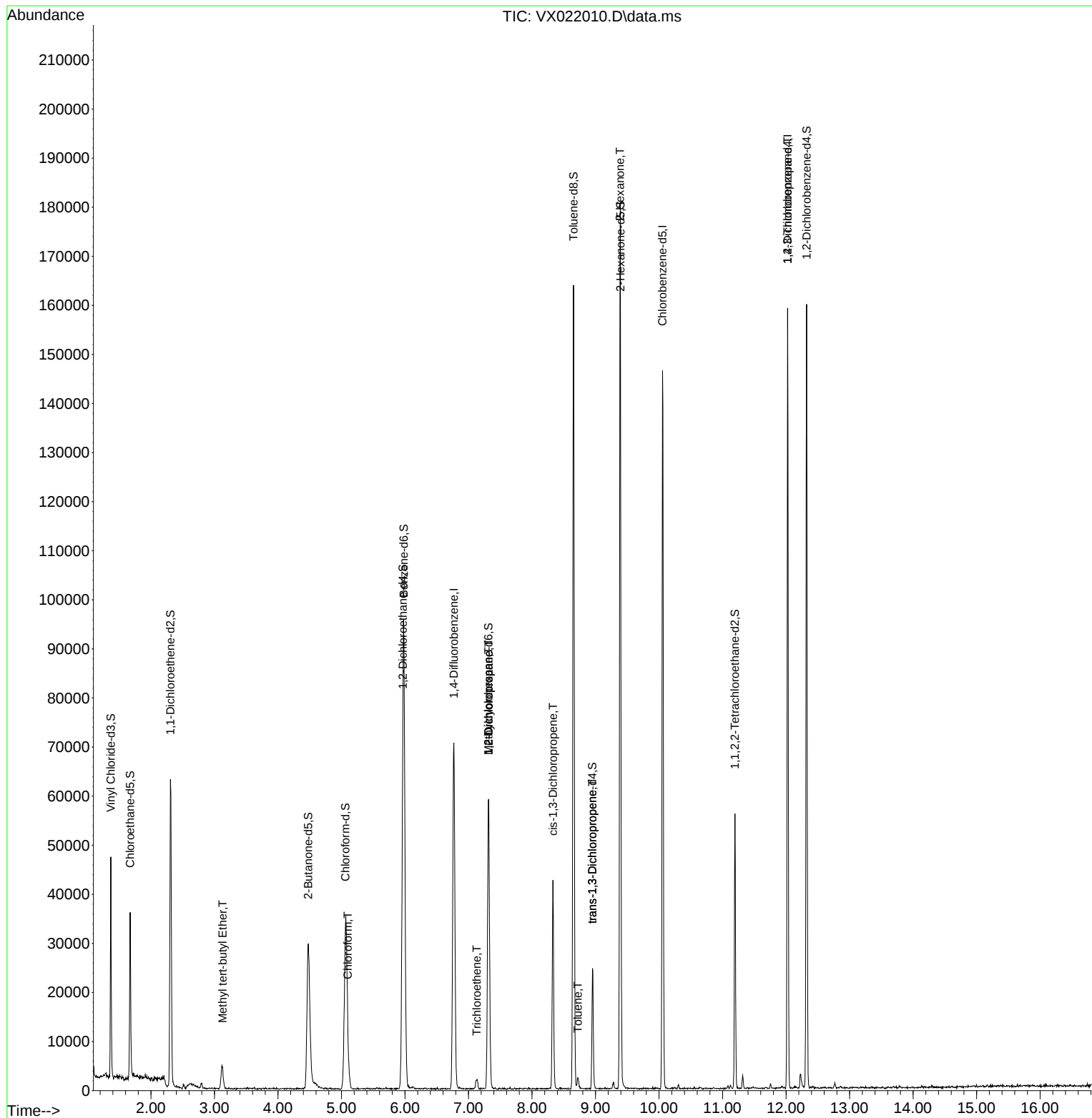
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.769  | 114   | 72409    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117   | 63661    | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 28860    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.367  | 65    | 25597    | 4.11     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 82.20%   |
| 7) Chloroethane-d5            | 1.672  | 69    | 19862    | 3.98     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 79.60%   |
| 11) 1,1-Dichloroethene-d2     | 2.306  | 63    | 34953    | 3.39     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 67.80%   |
| 20) 2-Butanone-d5             | 4.476  | 46    | 60124    | 42.43    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 84.86%   |
| 24) Chloroform-d              | 5.062  | 84    | 42088    | 3.94     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.80%   |
| 26) 1,2-Dichloroethane-d4     | 5.964  | 65    | 23514    | 4.29     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.80%   |
| 32) Benzene-d6                | 5.982  | 84    | 99956    | 4.74     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.80%   |
| 36) 1,2-Dichloropropane-d6    | 7.311  | 67    | 29942    | 4.63     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.60%   |
| 41) Toluene-d8                | 8.653  | 98    | 92508    | 4.83     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.60%   |
| 43) trans-1,3-Dichloroprop... | 8.951  | 79    | 11899    | 4.07     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.40%   |
| 46) 2-Hexanone-d5             | 9.390  | 63    | 54018    | 43.50    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 87.00%   |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84    | 20803    | 4.16     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 83.20%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152   | 29486    | 4.87     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.40%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 17) Methyl tert-butyl Ether   | 3.129  | 73    | 5033     | 0.39     | ug/L # | 90       |
| 25) Chloroform                | 5.098  | 83    | 4697     | 0.47     | ug/L   | 96       |
| 34) Trichloroethene           | 7.128  | 95    | 882      | 0.15     | ug/L # | 71       |
| 35) Methylcyclohexane         | 7.311  | 83    | 6848     | 0.70     | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 7.317  | 63    | 3329     | 0.62     | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 8.329  | 75    | 956      | 0.11     | ug/L # | 48       |
| 42) Toluene                   | 8.720  | 91    | 1759     | 0.08     | ug/L   | 83       |
| 44) trans-1,3-Dichloropropene | 8.951  | 75    | 600      | 0.09     | ug/L   | 89       |
| 48) 2-Hexanone                | 9.384  | 43    | 6362     | 2.74     | ug/L # | 66       |
| 61) 1,2,3-Trichloropropane    | 12.024 | 75    | 4074     | 1.36     | ug/L # | 57       |
| -----                         |        |       |          |          |        |          |

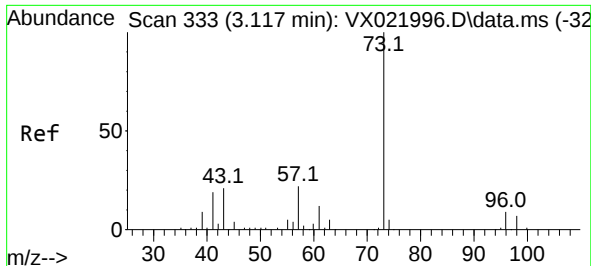
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
BG6N2

Quant Time: May 14 23:41:45 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR051021WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri May 14 23:38:54 2021  
Response via : Initial Calibration



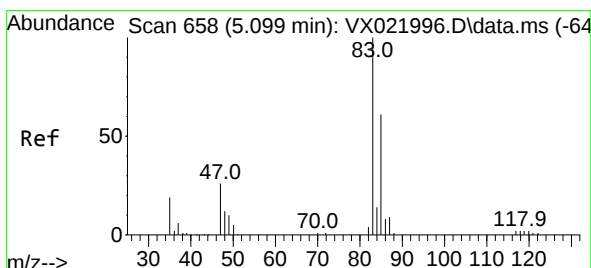
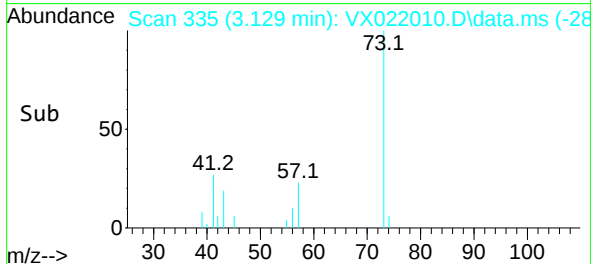
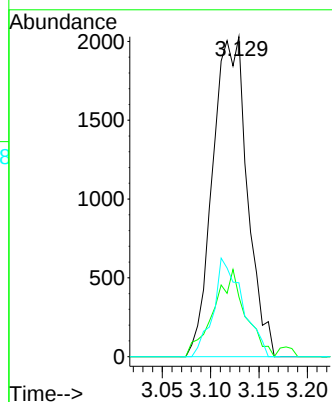
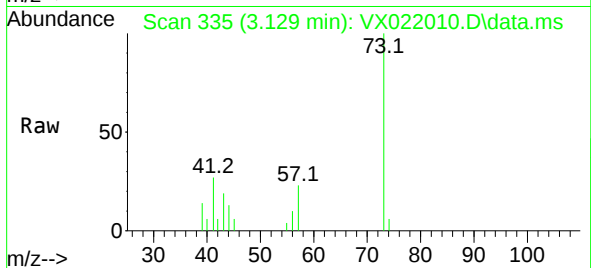


#17

Methyl tert-butyl Ether  
 Concen: 0.39 ug/L  
 RT: 3.129 min Scan# 335  
 Delta R.T. 0.012 min  
 Lab File: VX022010.D  
 Acq: 14 May 2021 21:25

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 BG6N2

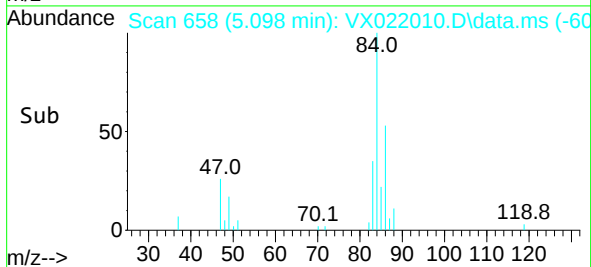
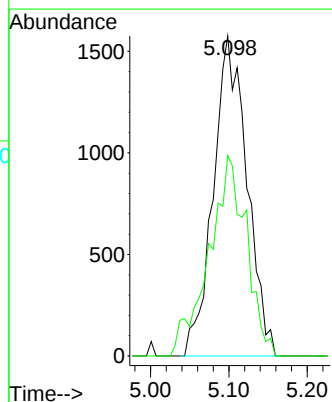
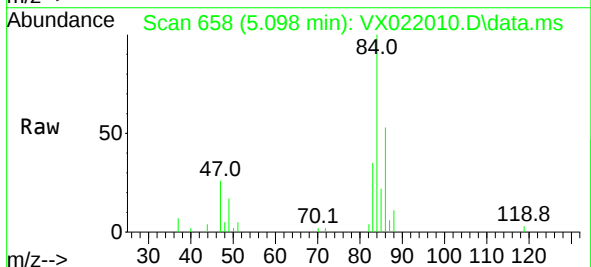
Tgt Ion: 73 Resp: 5033  
 Ion Ratio Lower Upper  
 73 100  
 43 25.0 16.5 24.7#  
 57 26.1 17.1 25.7#

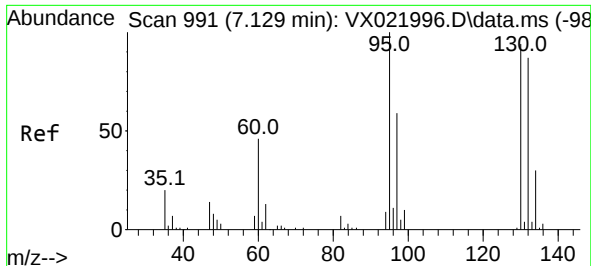


#25

Chloroform  
 Concen: 0.47 ug/L  
 RT: 5.098 min Scan# 658  
 Delta R.T. -0.000 min  
 Lab File: VX022010.D  
 Acq: 14 May 2021 21:25

Tgt Ion: 83 Resp: 4697  
 Ion Ratio Lower Upper  
 83 100  
 85 62.6 46.3 86.1



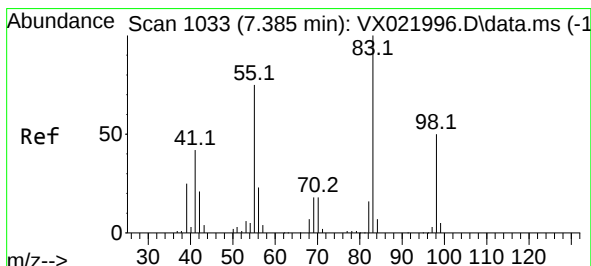
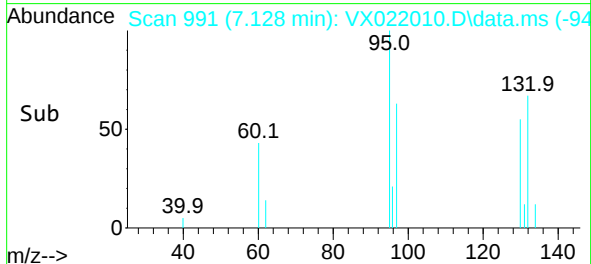
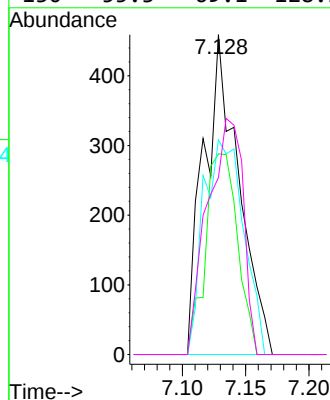
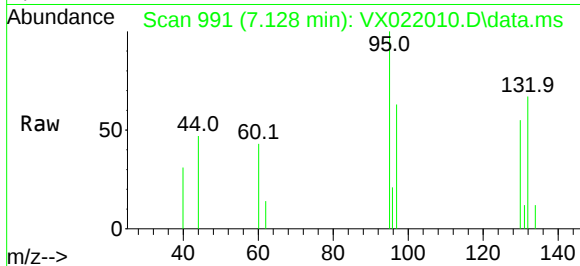


#34  
Trichloroethene  
Concen: 0.15 ug/L  
RT: 7.128 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX022010.D  
Acq: 14 May 2021 21:25

Instrument :  
MSVOA\_X  
ClientSampled :  
BG6N2

Tgt Ion: 95 Resp: 882

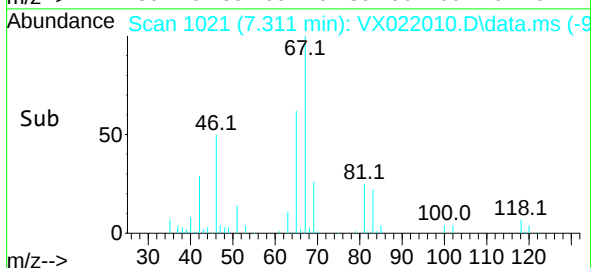
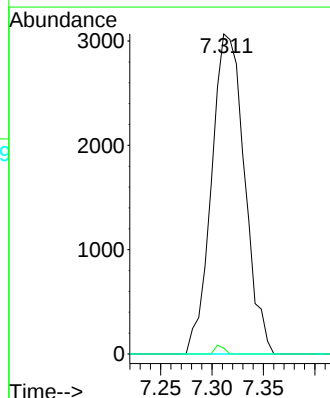
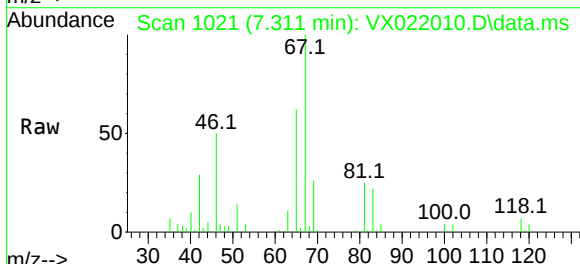
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 95  | 100   |       |        |
| 97  | 62.7  | 48.6  | 90.2   |
| 132 | 67.1  | 67.3  | 125.1# |
| 130 | 55.3  | 69.1  | 128.3# |

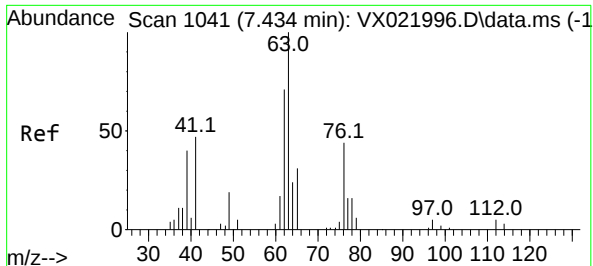


#35  
Methylcyclohexane  
Concen: 0.70 ug/L  
RT: 7.311 min Scan# 1021  
Delta R.T. -0.073 min  
Lab File: VX022010.D  
Acq: 14 May 2021 21:25

Tgt Ion: 83 Resp: 6848

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.8   | 60.3  | 90.5# |
| 98  | 1.3   | 39.4  | 59.2# |

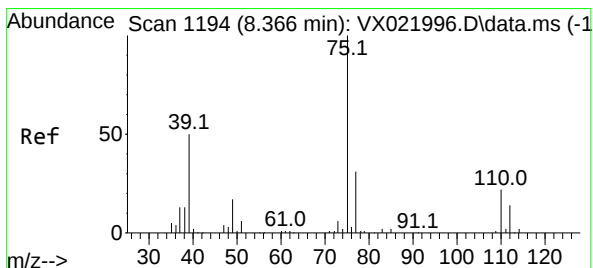
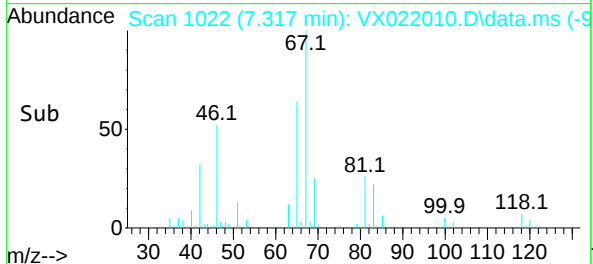
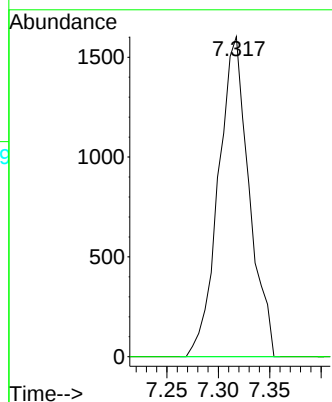
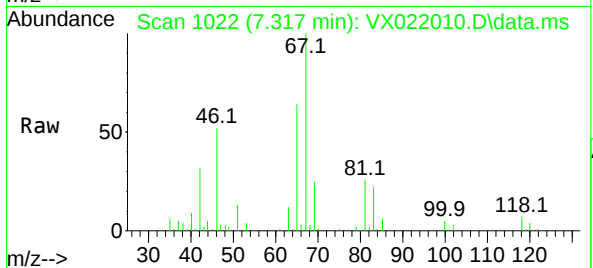




#37  
1,2-Dichloropropane  
Concen: 0.62 ug/L  
RT: 7.317 min Scan# 1022  
Delta R.T. -0.116 min  
Lab File: VX022010.D  
Acq: 14 May 2021 21:25

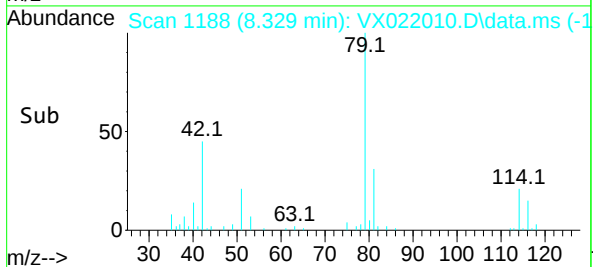
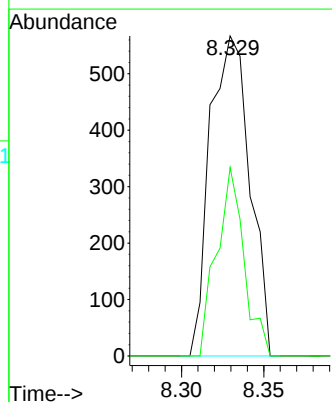
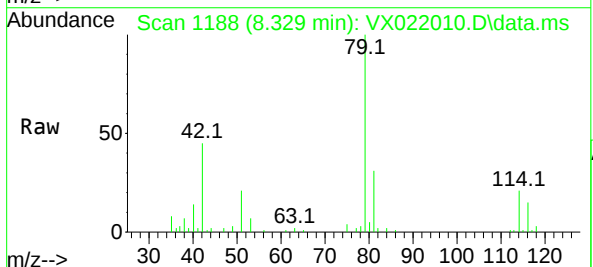
Instrument :  
MSVOA\_X  
ClientSampleId :  
BG6N2

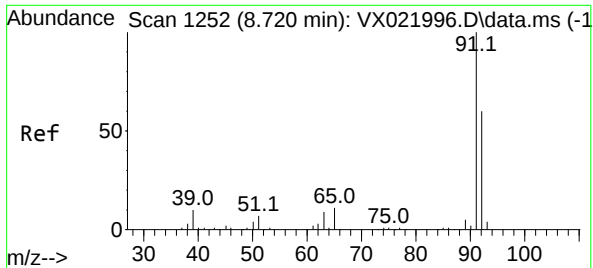
Tgt Ion: 63 Resp: 3329  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.1 6.1#



#39  
cis-1,3-Dichloropropene  
Concen: 0.11 ug/L  
RT: 8.329 min Scan# 1188  
Delta R.T. -0.037 min  
Lab File: VX022010.D  
Acq: 14 May 2021 21:25

Tgt Ion: 75 Resp: 956  
Ion Ratio Lower Upper  
75 100  
77 58.9 21.3 39.5#

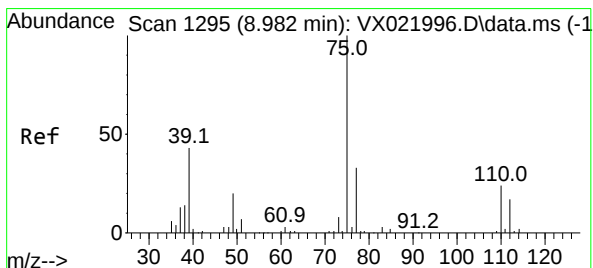
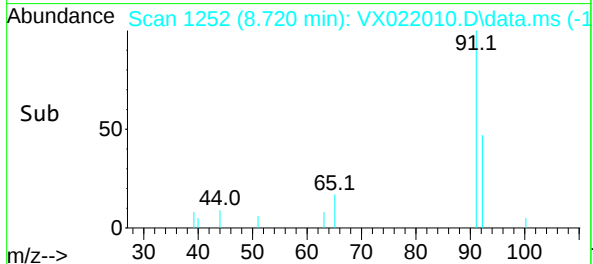
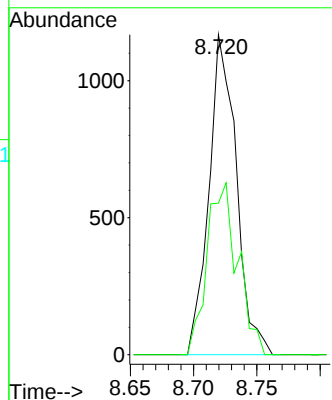
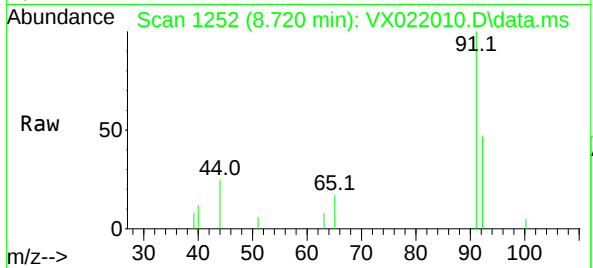




#42  
Toluene  
Concen: 0.08 ug/L  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX022010.D  
Acq: 14 May 2021 21:25

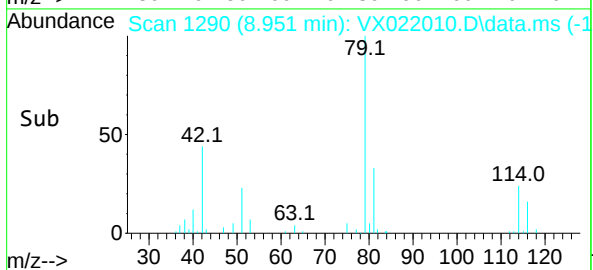
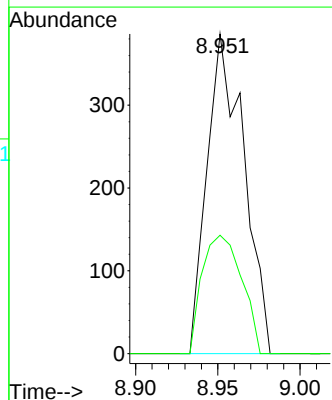
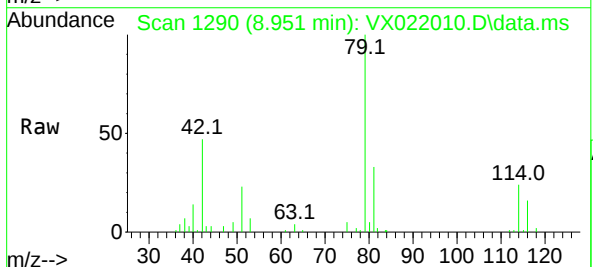
Instrument :  
MSVOA\_X  
ClientSampled :  
BG6N2

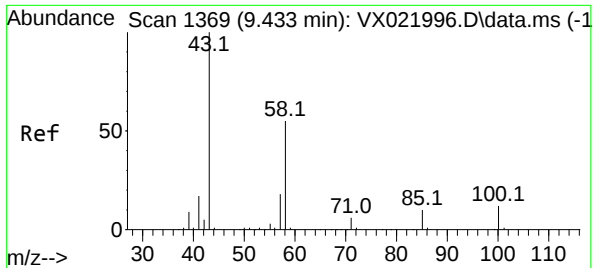
Tgt Ion: 91 Resp: 1759  
Ion Ratio Lower Upper  
91 100  
92 47.3 42.1 78.3



#44  
trans-1,3-Dichloropropene  
Concen: 0.09 ug/L  
RT: 8.951 min Scan# 1290  
Delta R.T. -0.031 min  
Lab File: VX022010.D  
Acq: 14 May 2021 21:25

Tgt Ion: 75 Resp: 600  
Ion Ratio Lower Upper  
75 100  
77 37.0 21.6 40.0

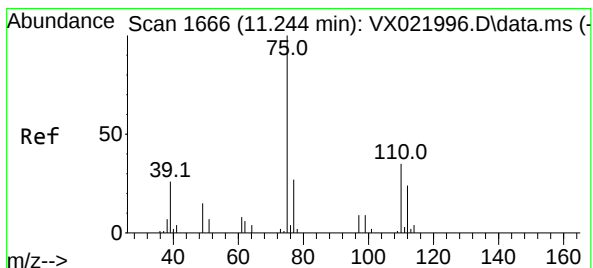
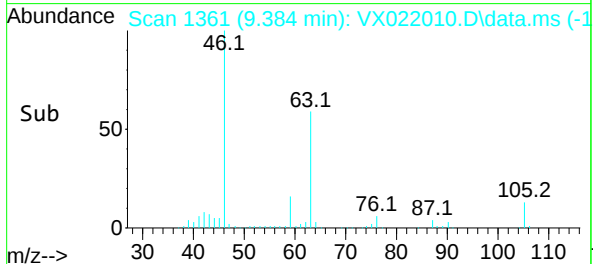
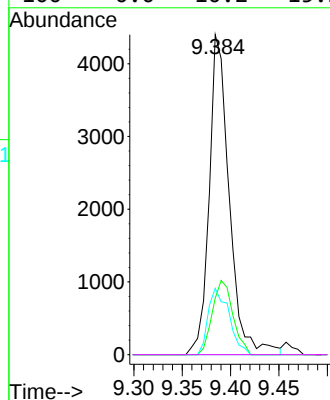
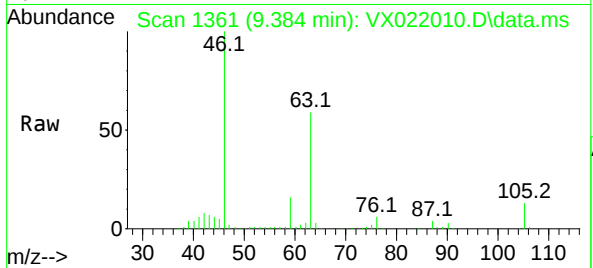




#48  
2-Hexanone  
Concen: 2.74 ug/L  
RT: 9.384 min Scan# 1361  
Delta R.T. -0.049 min  
Lab File: VX022010.D  
Acq: 14 May 2021 21:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
BG6N2

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 6362  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 23.7  | 44.6  | 67.0# |
| 57       | 21.5  | 14.8  | 22.2  |
| 100      | 0.0   | 10.2  | 15.2# |



#61  
1,2,3-Trichloropropane  
Concen: 1.36 ug/L  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.780 min  
Lab File: VX022010.D  
Acq: 14 May 2021 21:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 4074  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 41.4  | 24.6  | 37.0# |
| 110      | 2.9   | 32.3  | 48.5# |

