

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051521\  
 Data File : VX022006.D  
 Acq On : 14 May 2021 19:51  
 Operator : JC/MD  
 Sample : M2410-03  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG6M8

Quant Time: May 14 23:41:02 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

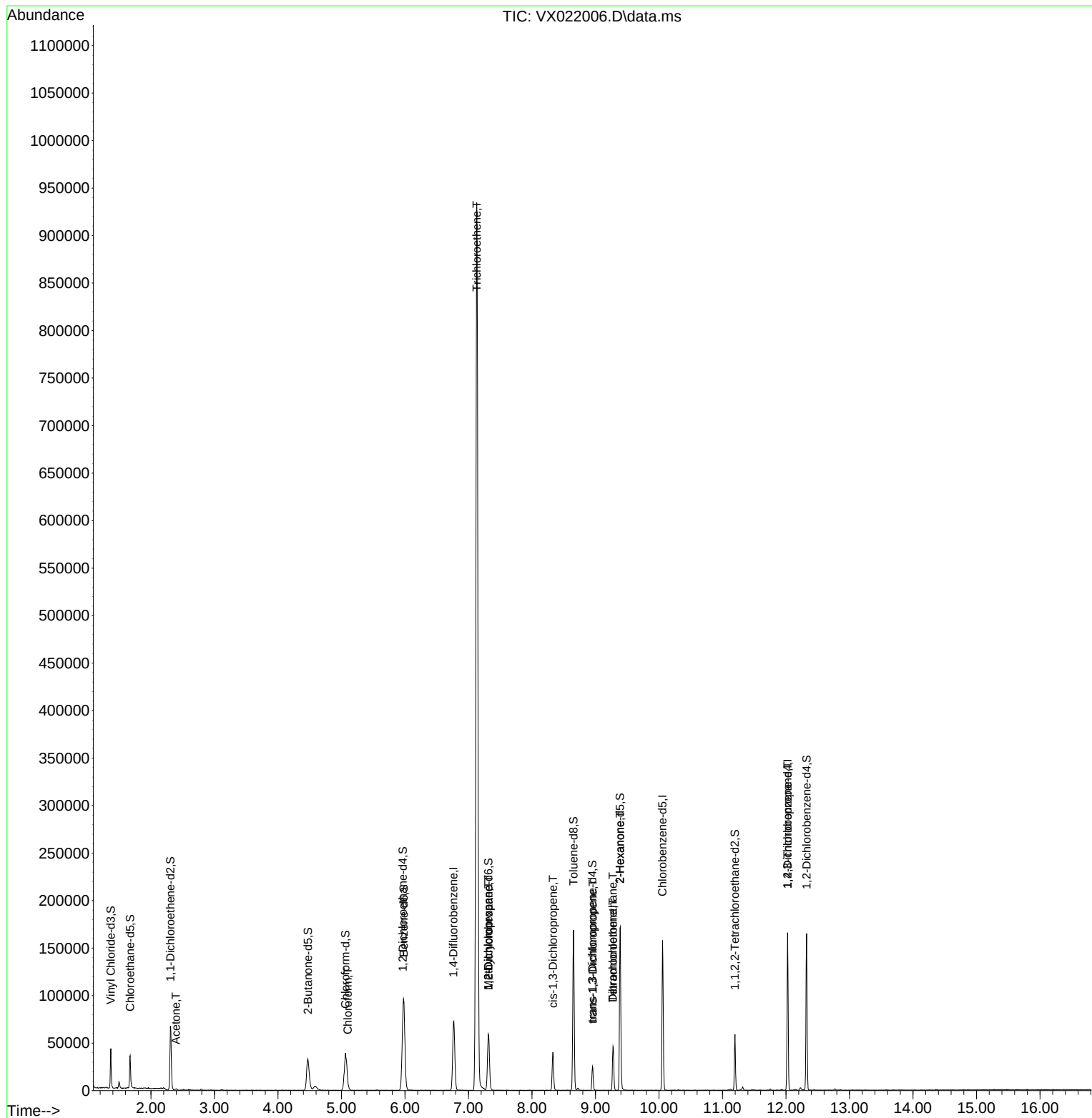
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763  | 114   | 74308    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117   | 66513    | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 30184    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65    | 24754    | 3.88     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.60%   |
| 7) Chloroethane-d5            | 1.673  | 69    | 20131    | 3.94     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 78.80%   |
| 11) 1,1-Dichloroethene-d2     | 2.307  | 63    | 35333    | 3.33     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 66.60%   |
| 20) 2-Butanone-d5             | 4.471  | 46    | 61180    | 42.07    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 84.14%   |
| 24) Chloroform-d              | 5.062  | 84    | 45686    | 4.17     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.40%   |
| 26) 1,2-Dichloroethane-d4     | 5.964  | 65    | 24772    | 4.40     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.00%   |
| 32) Benzene-d6                | 5.983  | 84    | 101570   | 4.61     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.20%   |
| 36) 1,2-Dichloropropane-d6    | 7.312  | 67    | 31311    | 4.63     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.60%   |
| 41) Toluene-d8                | 8.653  | 98    | 95995    | 4.80     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.00%   |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79    | 11850    | 3.88     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 77.60%   |
| 46) 2-Hexanone-d5             | 9.385  | 63    | 53237    | 41.03    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 82.06%   |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84    | 20603    | 3.95     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 79.00%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152   | 29623    | 4.68     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.60%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 2.392  | 43    | 1798     | 2.42     | ug/L   | 95       |
| 25) Chloroform                | 5.099  | 83    | 1953     | 0.19     | ug/L   | 86       |
| 34) Trichloroethene           | 7.129  | 95    | 352433   | 58.93    | ug/L   | 96       |
| 35) Methylcyclohexane         | 7.312  | 83    | 7490     | 0.73     | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 7.312  | 63    | 3485     | 0.62     | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 8.330  | 75    | 896      | 0.10     | ug/L # | 65       |
| 44) trans-1,3-Dichloropropene | 8.958  | 75    | 593      | 0.08     | ug/L   | 88       |
| 47) Tetrachloroethene         | 9.275  | 164   | 7961     | 1.99     | ug/L   | 91       |
| 48) 2-Hexanone                | 9.385  | 43    | 6109     | 2.52     | ug/L # | 66       |
| 49) Dibromochloromethane      | 9.275  | 129   | 8239     | 1.83     | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 12.024 | 75    | 4468     | 1.43     | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

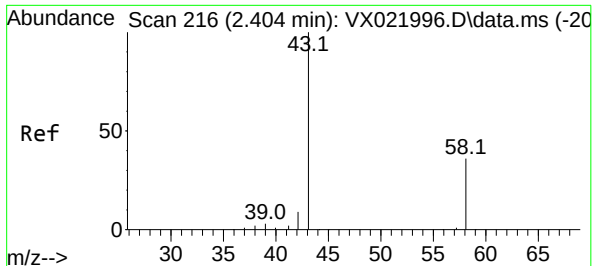
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M2410-03  
Misc : 25.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BG6M8

Quant Time: May 14 23:41:02 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

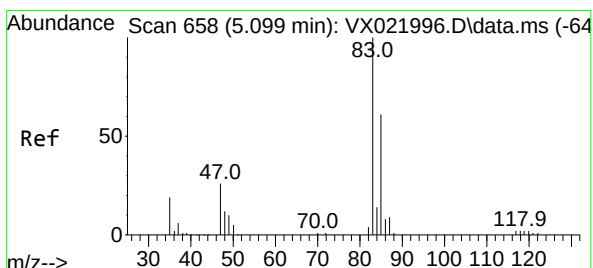
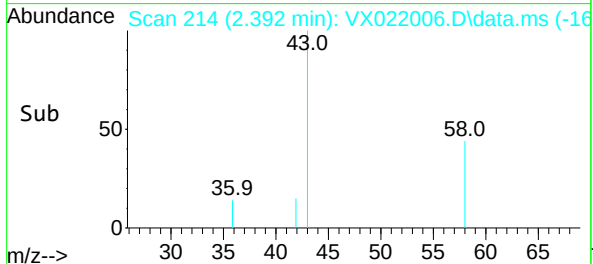
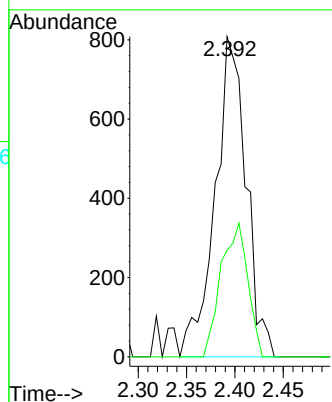
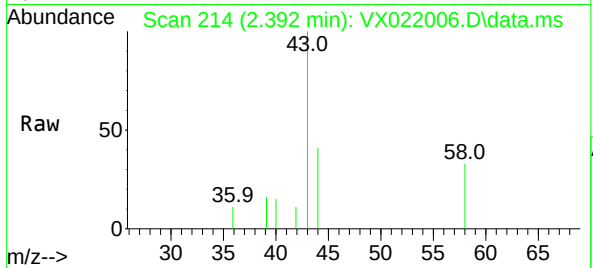




#13  
Acetone  
Concen: 2.42 ug/L  
RT: 2.392 min Scan# 214  
Delta R.T. -0.012 min  
Lab File: VX022006.D  
Acq: 14 May 2021 19:51

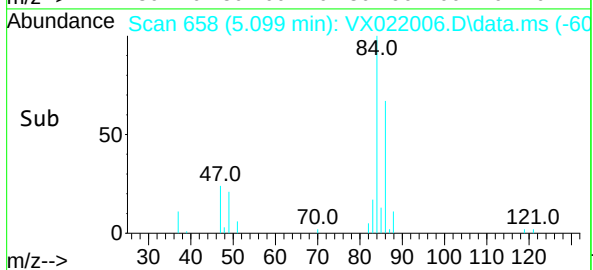
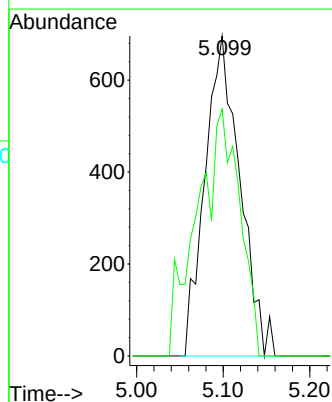
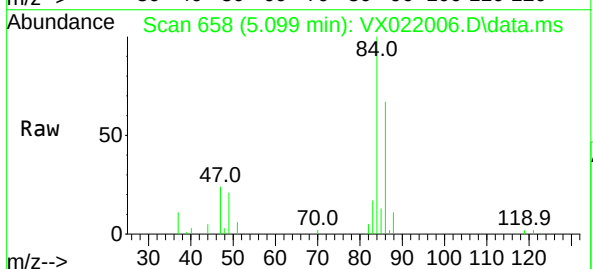
Instrument :  
MSVOA\_X  
ClientSampleId :  
BG6M8

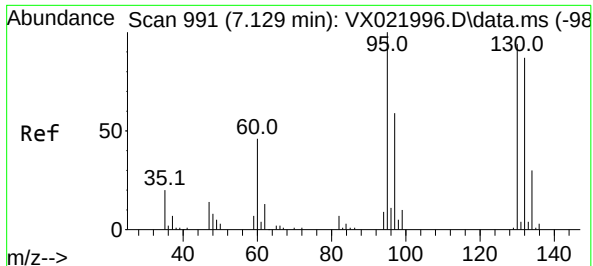
Tgt Ion: 43 Resp: 1798  
Ion Ratio Lower Upper  
43 100  
58 35.9 0.0 66.4



#25  
Chloroform  
Concen: 0.19 ug/L  
RT: 5.099 min Scan# 658  
Delta R.T. 0.000 min  
Lab File: VX022006.D  
Acq: 14 May 2021 19:51

Tgt Ion: 83 Resp: 1953  
Ion Ratio Lower Upper  
83 100  
85 77.2 46.3 86.1

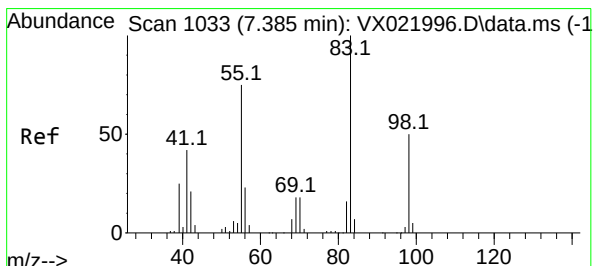
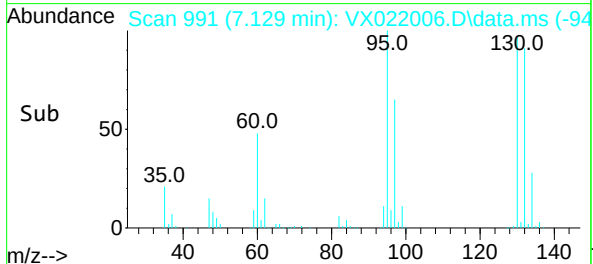
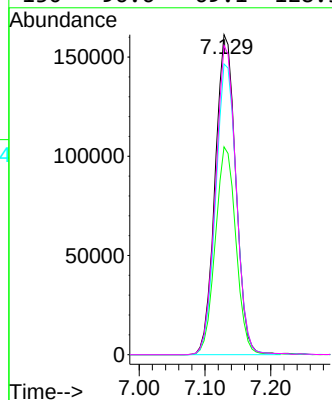
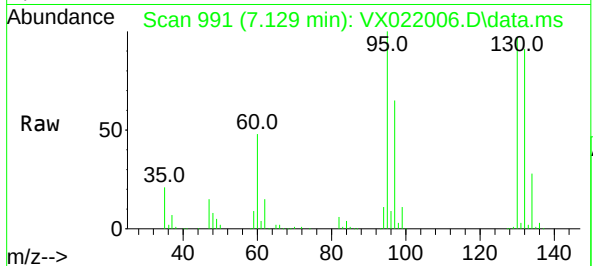




#34  
Trichloroethene  
Concen: 58.93 ug/L  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX022006.D  
Acq: 14 May 2021 19:51

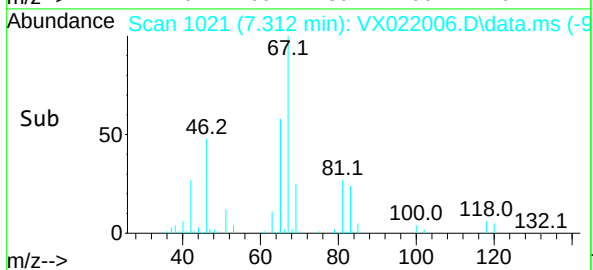
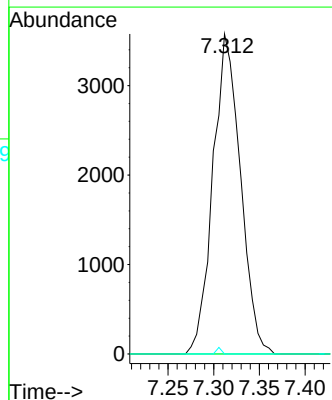
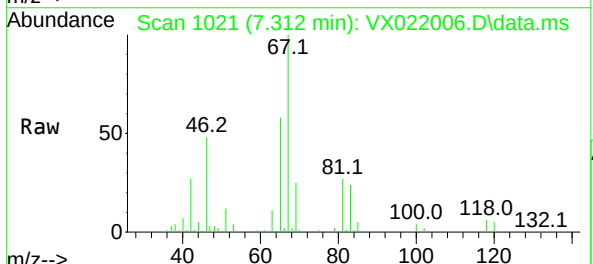
Instrument :  
MSVOA\_X  
ClientSampleId :  
BG6M8

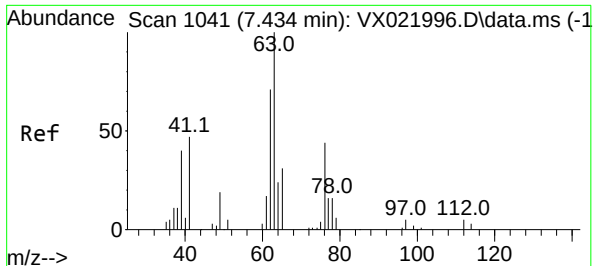
Tgt Ion: 95 Resp: 352433  
Ion Ratio Lower Upper  
95 100  
97 64.9 48.6 90.2  
132 90.9 67.3 125.1  
130 96.6 69.1 128.3



#35  
Methylcyclohexane  
Concen: 0.73 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.073 min  
Lab File: VX022006.D  
Acq: 14 May 2021 19:51

Tgt Ion: 83 Resp: 7490  
Ion Ratio Lower Upper  
83 100  
55 0.0 60.3 90.5#  
98 0.0 39.4 59.2#



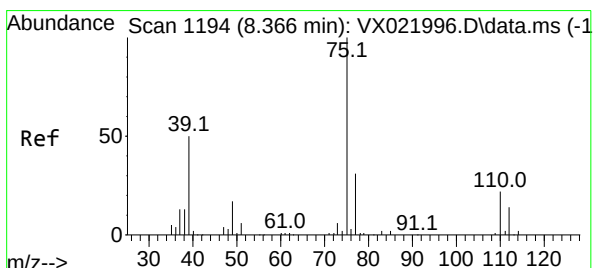
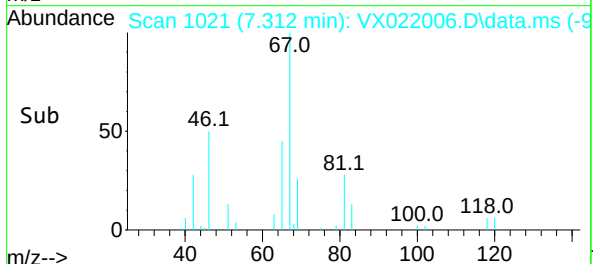
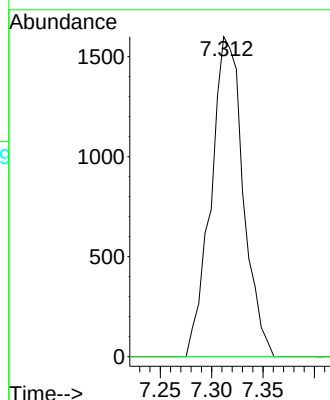
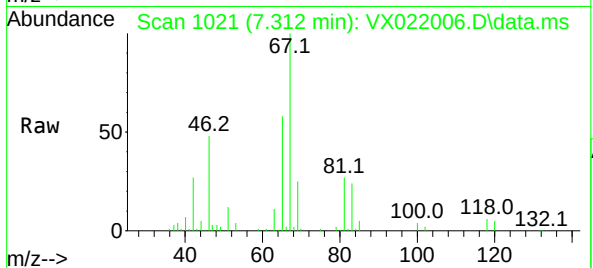


#37

1,2-Dichloropropane  
Concen: 0.62 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.122 min  
Lab File: VX022006.D  
Acq: 14 May 2021 19:51

Instrument :  
MSVOA\_X  
ClientSampled :  
BG6M8

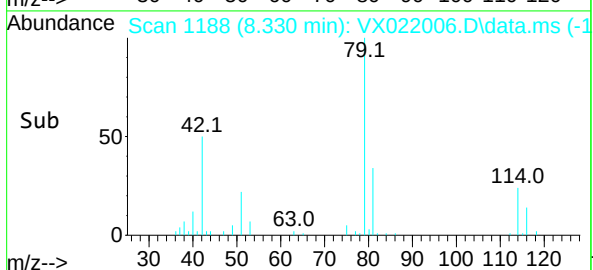
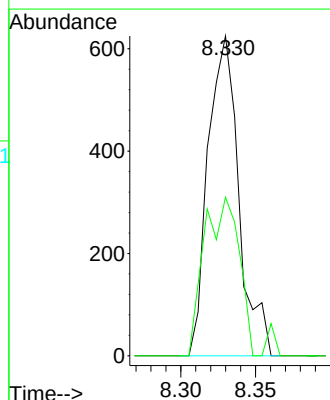
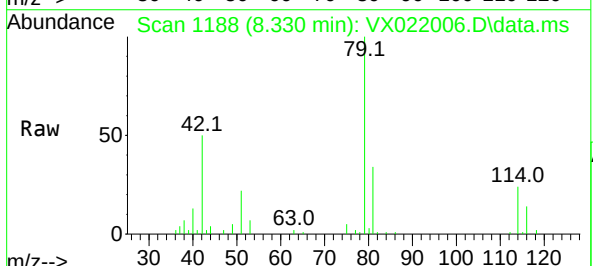
Tgt Ion: 63 Resp: 3485  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.1 6.1#

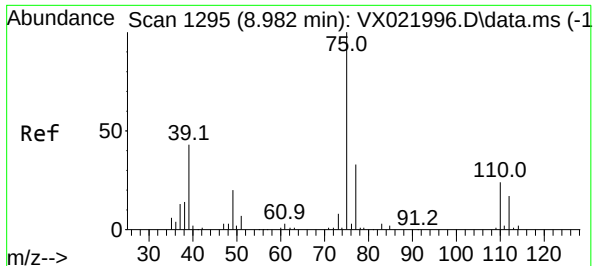


#39

cis-1,3-Dichloropropene  
Concen: 0.10 ug/L  
RT: 8.330 min Scan# 1188  
Delta R.T. -0.036 min  
Lab File: VX022006.D  
Acq: 14 May 2021 19:51

Tgt Ion: 75 Resp: 896  
Ion Ratio Lower Upper  
75 100  
77 49.6 21.3 39.5#

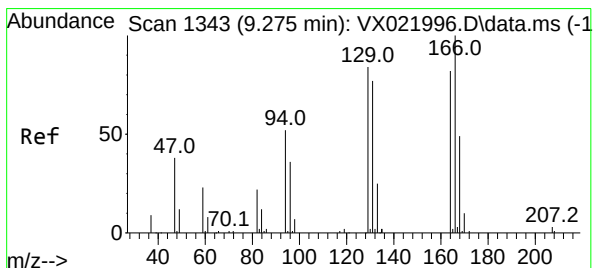
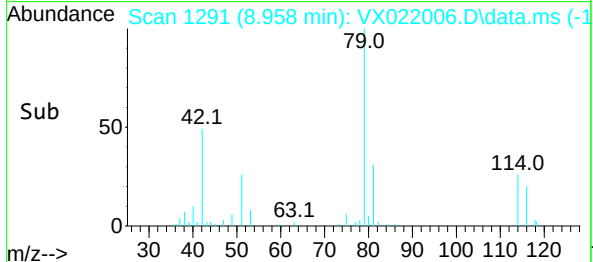
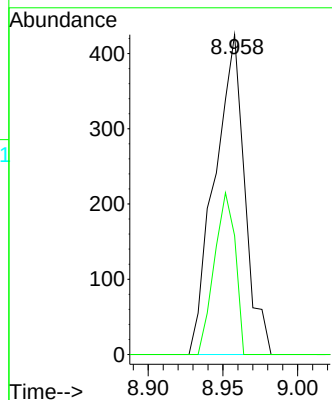
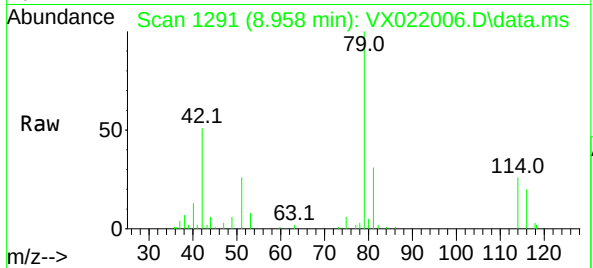




#44  
trans-1,3-Dichloropropene  
Concen: 0.08 ug/L  
RT: 8.958 min Scan# 1291  
Delta R.T. -0.024 min  
Lab File: VX022006.D  
Acq: 14 May 2021 19:51

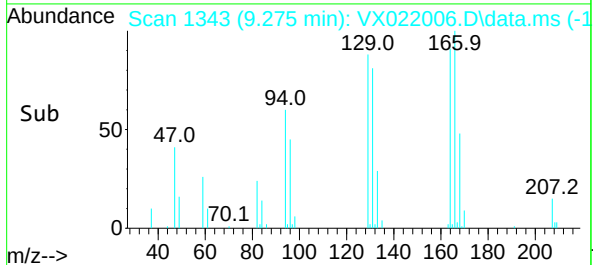
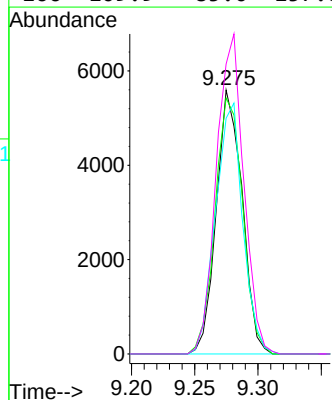
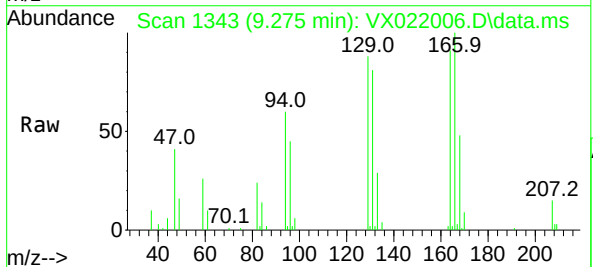
Instrument :  
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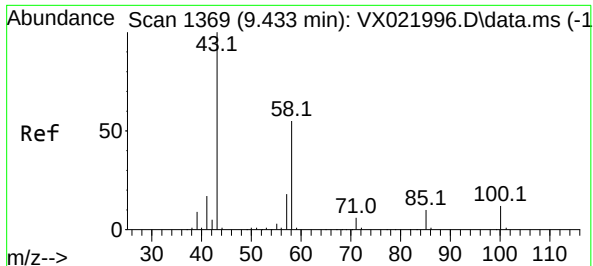
Tgt Ion: 75 Resp: 593  
Ion Ratio Lower Upper  
75 100  
77 37.2 21.6 40.0



#47  
Tetrachloroethene  
Concen: 1.99 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX022006.D  
Acq: 14 May 2021 19:51

Tgt Ion: 164 Resp: 7961  
Ion Ratio Lower Upper  
164 100  
129 97.0 73.1 135.7  
131 89.4 69.1 128.3  
166 109.9 85.0 157.8

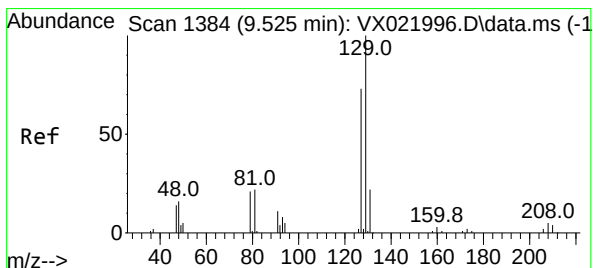
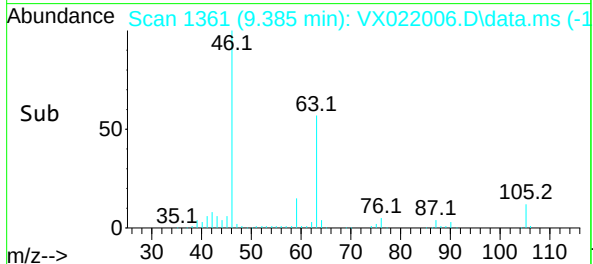
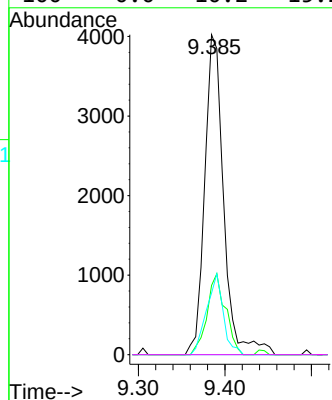
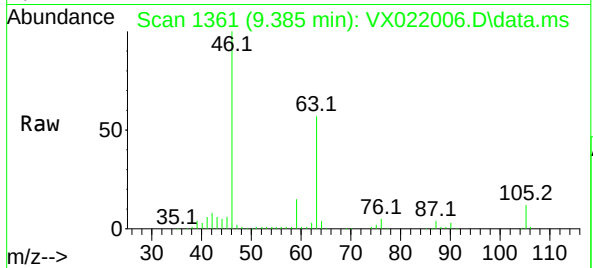




#48  
2-Hexanone  
Concen: 2.52 ug/L  
RT: 9.385 min Scan# 1361  
Delta R.T. -0.049 min  
Lab File: VX022006.D  
Acq: 14 May 2021 19:51

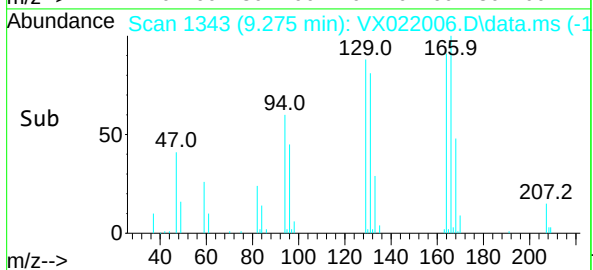
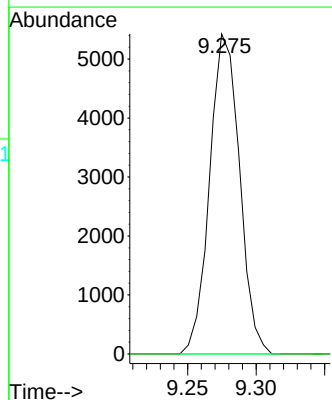
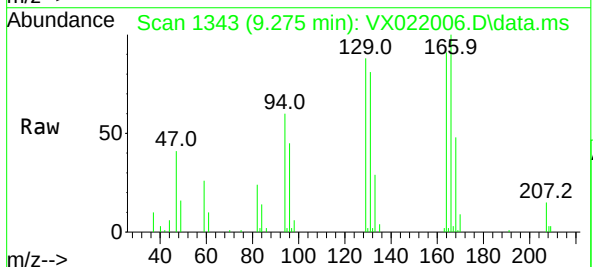
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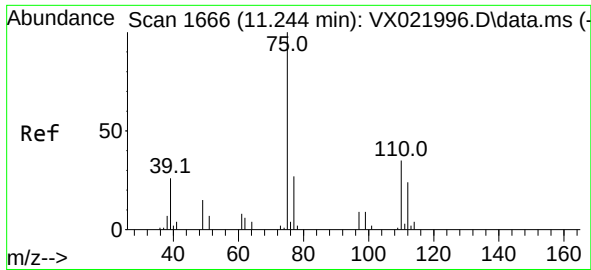
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 6109  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 24.7  | 44.6  | 67.0# |
| 57       | 22.3  | 14.8  | 22.2# |
| 100      | 0.0   | 10.2  | 15.2# |



#49  
Dibromochloromethane  
Concen: 1.83 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.250 min  
Lab File: VX022006.D  
Acq: 14 May 2021 19:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 8239  |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 0.0   | 53.5  | 99.5# |





#61  
 1,2,3-Trichloropropane  
 Concen: 1.43 ug/L  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.780 min  
 Lab File: VX022006.D  
 Acq: 14 May 2021 19:51

Instrument :  
 MSVOA\_X  
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Tgt Ion: 75 Resp: 4468  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 24.6 37.0  
 110 2.1 32.3 48.5#

