

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031321\  
 Data File : VU042621.D  
 Acq On : 12 Mar 2021 19:28  
 Operator : SY/MD  
 Sample : M1674-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BG4

Quant Time: Mar 13 05:32:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Mar 13 05:26:34 2021  
 Response via : Initial Calibration

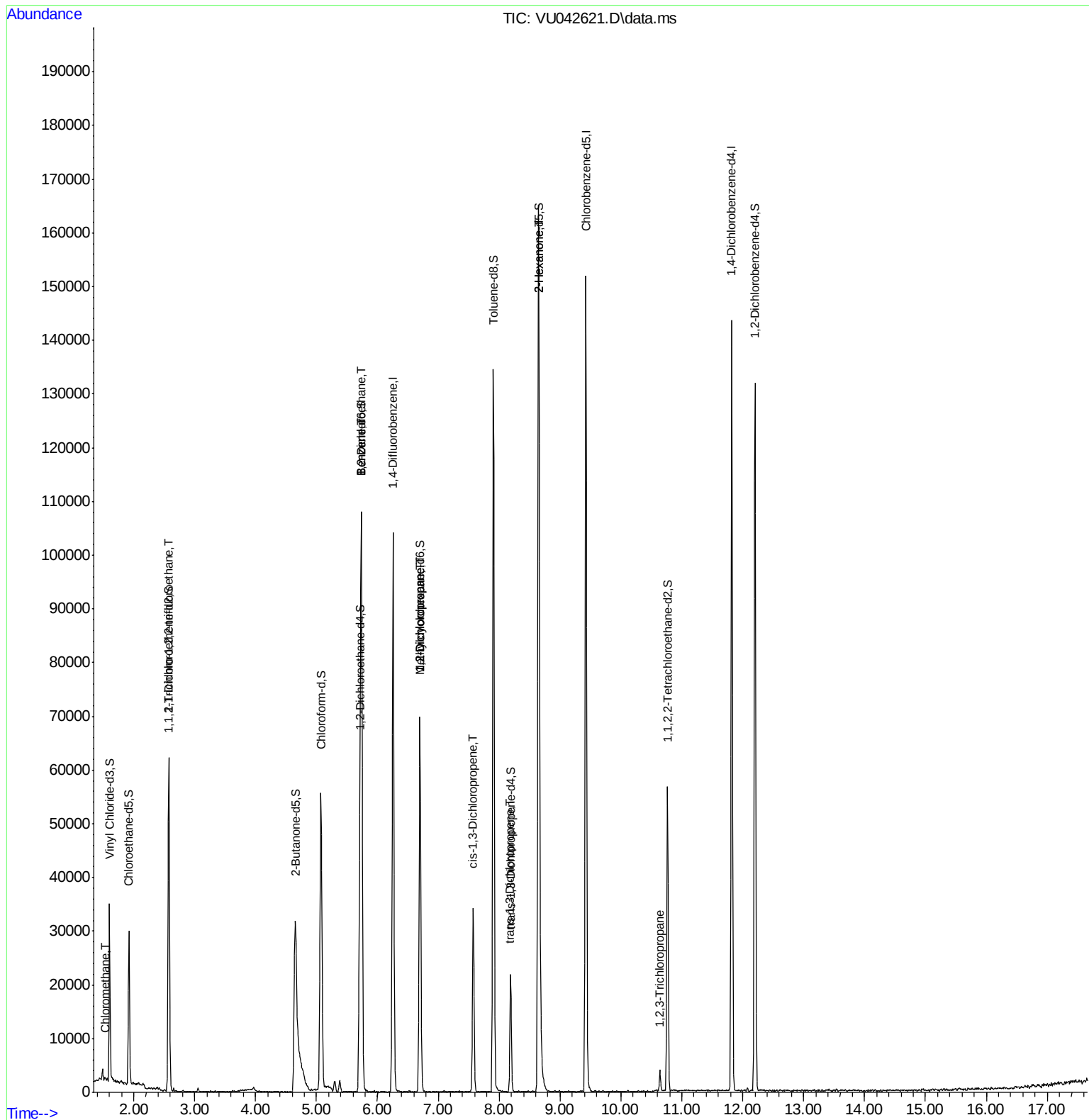
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.259  | 114   | 79337    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 78166    | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 36287    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 22036    | 4.17     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 83.40%   |
| 7) Chloroethane-d5            | 1.922  | 69    | 19508    | 4.87     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 97.40%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 38310    | 3.21     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.20%   |
| 20) 2-Butanone-d5             | 4.652  | 46    | 89503    | 51.54    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 103.08%  |
| 24) Chloroform-d              | 5.076  | 84    | 48411    | 4.63     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.60%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 32535    | 5.06     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.20%  |
| 32) Benzene-d6                | 5.739  | 84    | 88460    | 4.62     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.40%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 30015    | 4.86     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.20%   |
| 41) Toluene-d8                | 7.906  | 98    | 85170    | 4.55     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.00%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 11497    | 3.98     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 79.60%   |
| 46) 2-Hexanone-d5             | 8.648  | 63    | 62737    | 45.36    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.72%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 25605    | 4.65     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.00%   |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 33807    | 5.14     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.80%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.523  | 50    | 370      | 0.05     | ug/L   | 88       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.571  | 101   | 294      | 0.05     | ug/L # | 18       |
| 27) 1,2-Dichloroethane        | 5.732  | 62    | 514      | 0.06     | ug/L # | 75       |
| 33) Benzene                   | 5.732  | 78    | 764      | 0.03     | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.703  | 83    | 6902     | 0.67     | ug/L # | 14       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 3681     | 0.56     | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 7.571  | 75    | 1161     | 0.12     | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.182  | 75    | 577      | 0.07     | ug/L # | 44       |
| 48) 2-Hexanone                | 8.645  | 43    | 9611     | 2.26     | ug/L # | 71       |
| 59) 1,2,3-Trichloropropane    | 10.642 | 75    | 673      | 0.14     | ug/L # | 42       |
| -----                         |        |       |          |          |        |          |

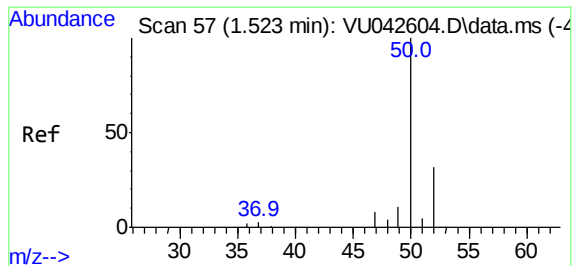
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M1674-16  
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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Mar 13 05:26:34 2021  
Response via : Initial Calibration

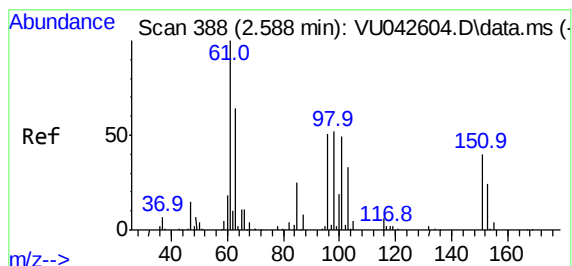
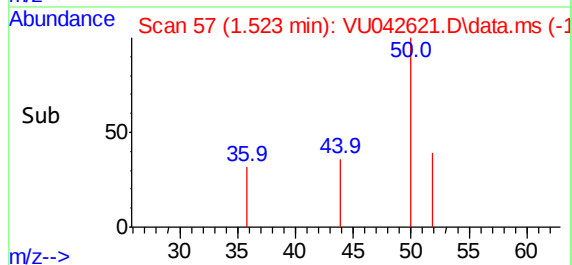
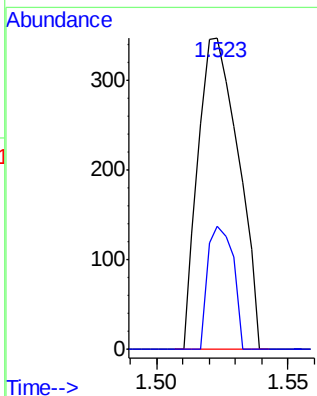
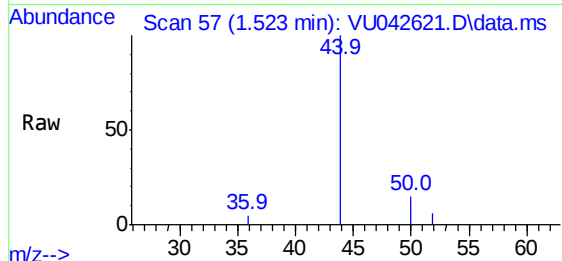




#3  
Chloromethane  
Concen: 0.05 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. -0.000 min  
Lab File: VU042621.D  
Acq: 12 Mar 2021 19:28

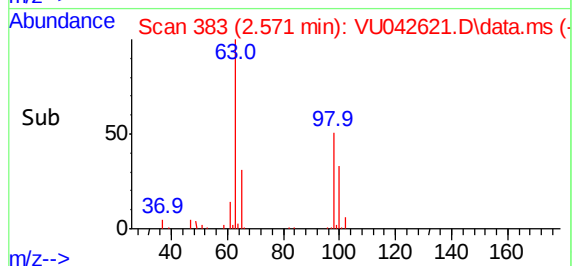
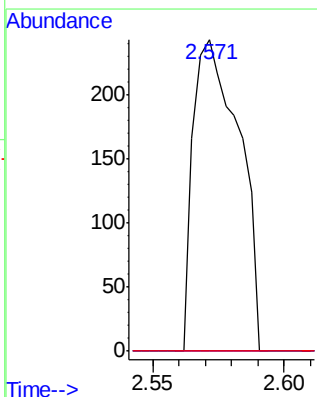
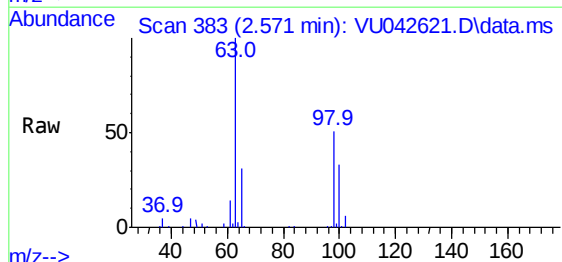
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0BG4

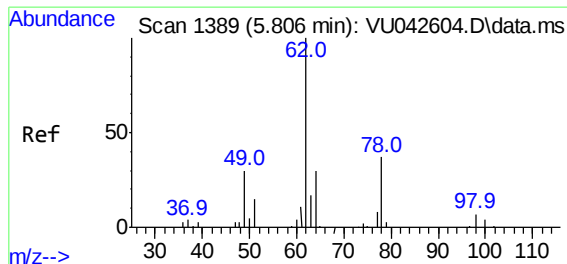
Tgt Ion: 50 Resp: 370  
Ion Ratio Lower Upper  
50 100  
52 39.5 23.0 42.8



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.05 ug/L  
RT: 2.571 min Scan# 383  
Delta R.T. -0.016 min  
Lab File: VU042621.D  
Acq: 12 Mar 2021 19:28

Tgt Ion:101 Resp: 294  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 51.8#  
151 0.0 62.7 94.1#

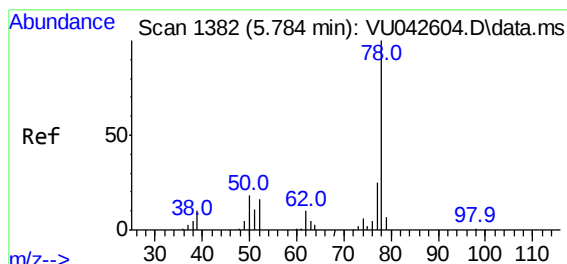
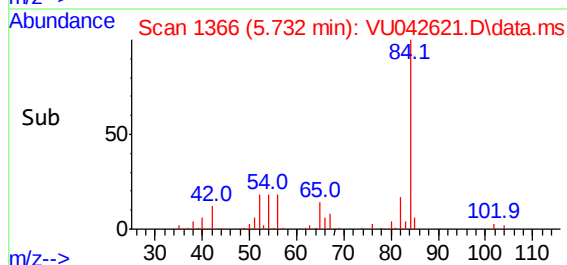
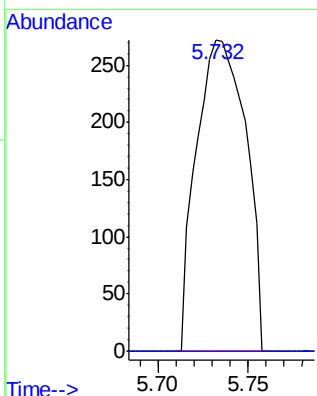
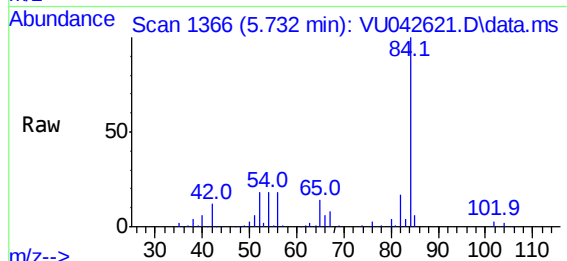




#27  
1,2-Dichloroethane  
Concen: 0.06 ug/L  
RT: 5.732 min Scan# 1366  
Delta R.T. -0.074 min  
Lab File: VU042621.D  
Acq: 12 Mar 2021 19:28

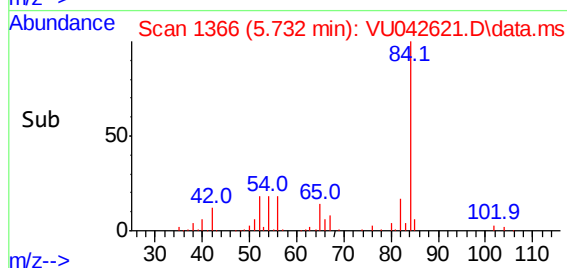
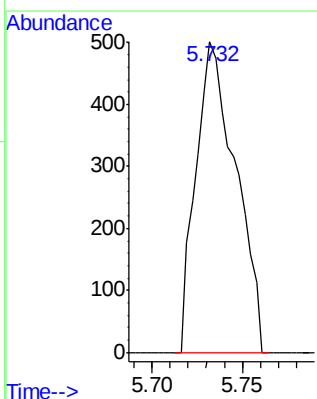
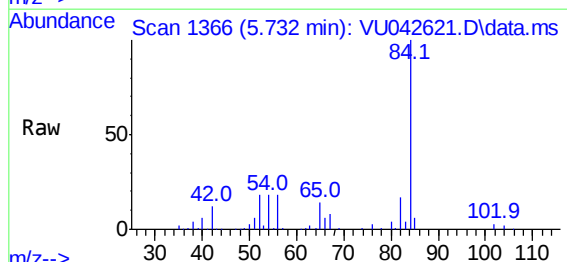
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0BG4

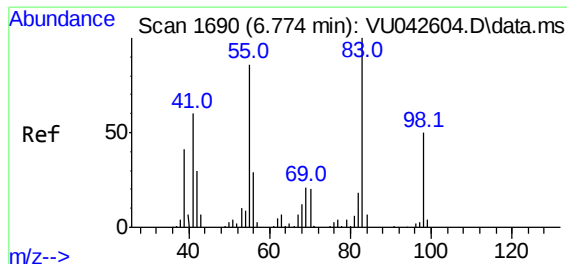
Tgt Ion: 62 Resp: 514  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.3 10.9#



#33  
Benzene  
Concen: 0.03 ug/L  
RT: 5.732 min Scan# 1366  
Delta R.T. -0.052 min  
Lab File: VU042621.D  
Acq: 12 Mar 2021 19:28

Tgt Ion: 78 Resp: 764

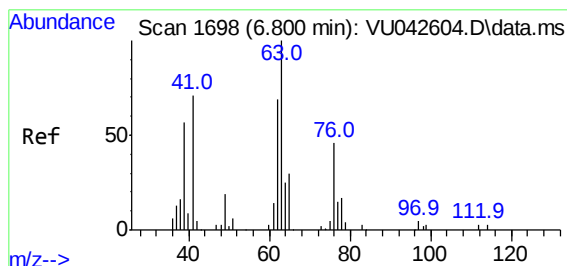
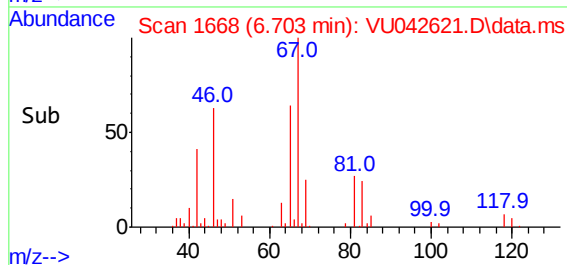
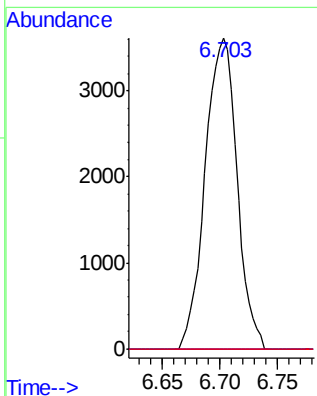
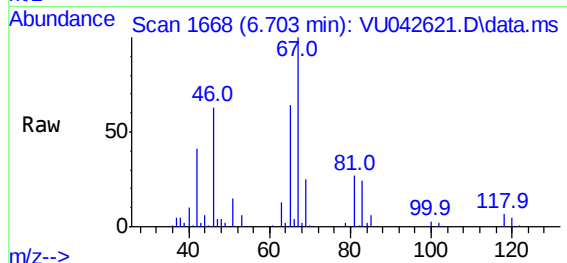




#35  
Methylcyclohexane  
Concen: 0.67 ug/L  
RT: 6.703 min Scan# 1668  
Delta R.T. -0.071 min  
Lab File: VU042621.D  
Acq: 12 Mar 2021 19:28

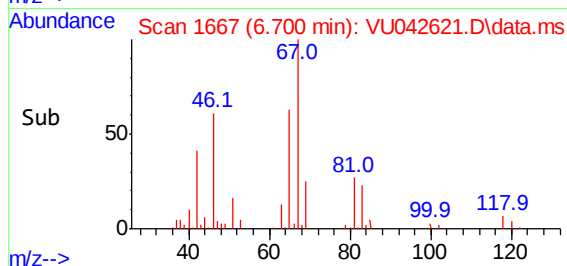
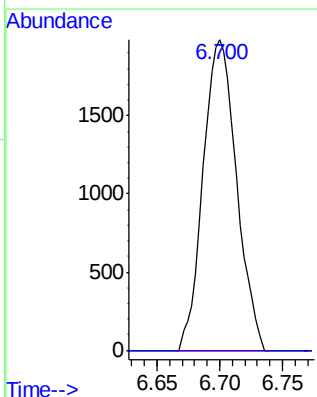
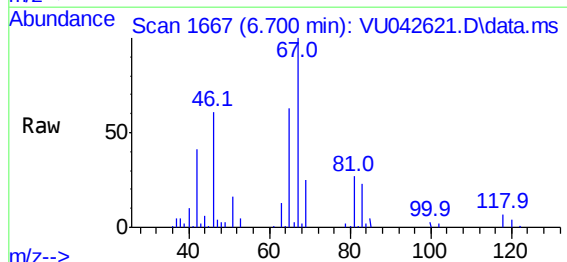
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0BG4

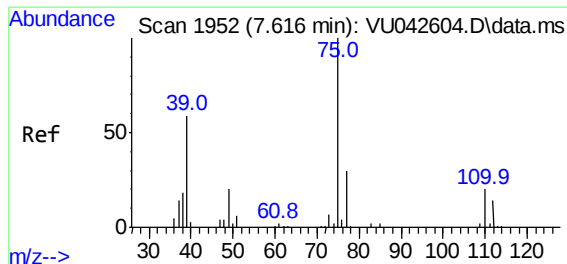
Tgt Ion: 83 Resp: 6902  
Ion Ratio Lower Upper  
83 100  
55 0.0 68.2 102.4#  
98 0.0 39.7 59.5#



#37  
1,2-Dichloropropane  
Concen: 0.56 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.100 min  
Lab File: VU042621.D  
Acq: 12 Mar 2021 19:28

Tgt Ion: 63 Resp: 3681  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#

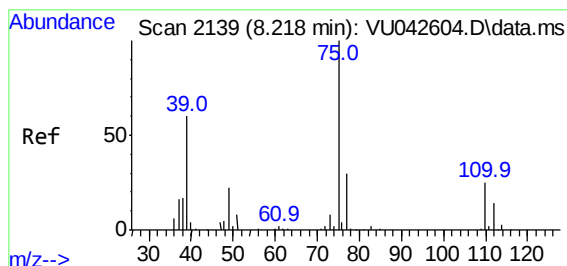
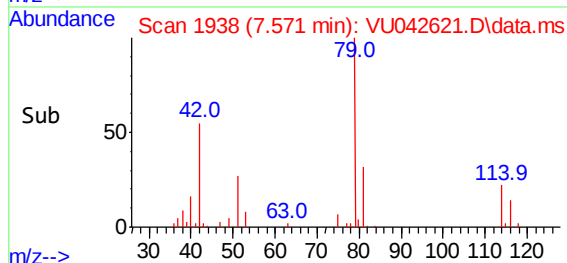
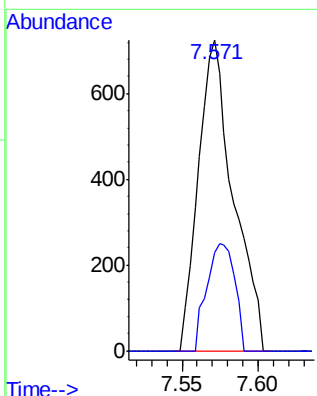
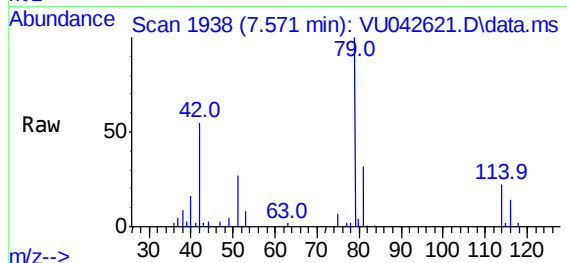




#39  
cis-1,3-Dichloropropene  
Concen: 0.12 ug/L  
RT: 7.571 min Scan# 1938  
Delta R.T. -0.045 min  
Lab File: VU042621.D  
Acq: 12 Mar 2021 19:28

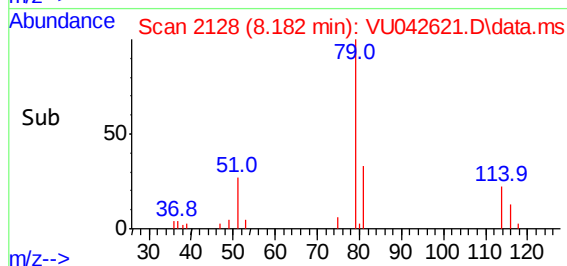
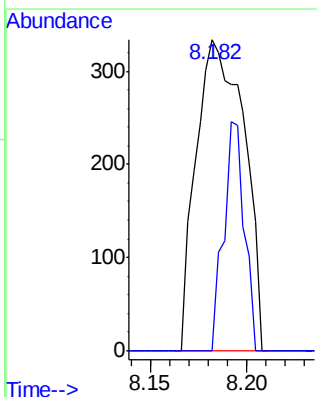
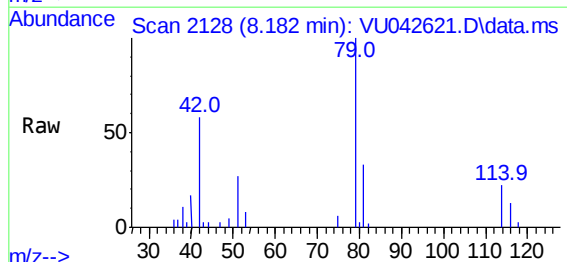
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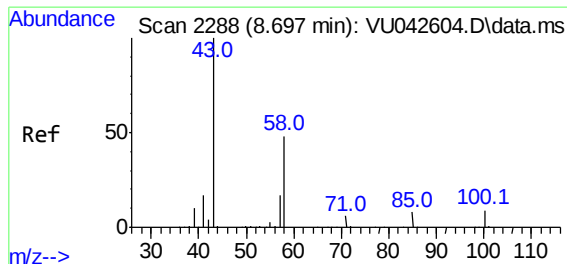
Tgt Ion: 75 Resp: 1161  
Ion Ratio Lower Upper  
75 100  
77 31.7 22.0 40.8



#44  
trans-1,3-Dichloropropene  
Concen: 0.07 ug/L  
RT: 8.182 min Scan# 2128  
Delta R.T. -0.036 min  
Lab File: VU042621.D  
Acq: 12 Mar 2021 19:28

Tgt Ion: 75 Resp: 577  
Ion Ratio Lower Upper  
75 100  
77 0.0 21.8 40.4

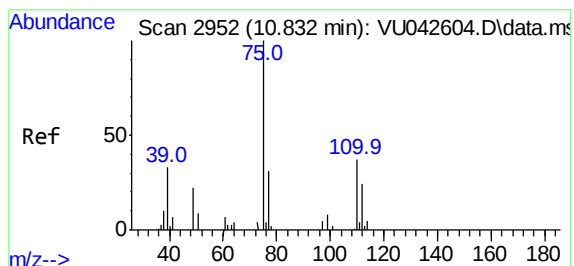
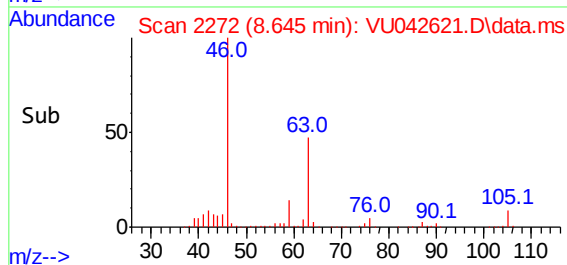
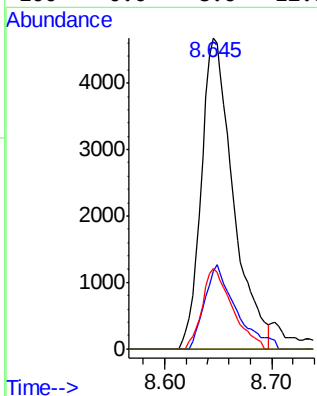
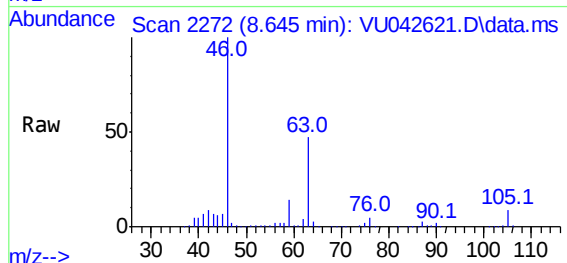




#48  
2-Hexanone  
Concen: 2.26 ug/L  
RT: 8.645 min Scan# 2272  
Delta R.T. -0.052 min  
Lab File: VU042621.D  
Acq: 12 Mar 2021 19:28

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0BG4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 9611  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 26.6  | 40.6  | 61.0# |
| 57       | 24.4  | 14.9  | 22.3# |
| 100      | 0.0   | 8.6   | 12.8# |



#59  
1,2,3-Trichloropropane  
Concen: 0.14 ug/L  
RT: 10.642 min Scan# 2893  
Delta R.T. -0.190 min  
Lab File: VU042621.D  
Acq: 12 Mar 2021 19:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 673   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 26.0  | 39.0# |

