

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011421\  
 Data File : VU042053.D  
 Acq On : 15 Jan 2021 00:01  
 Operator : SY/MD  
 Sample : M1065-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFXN9

Manual Integrations  
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MMDadoda  
 1/15/2021 3:28:31 PM

Quant Time: Jan 15 06:39:23 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR011321WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jan 15 06:32:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.263  | 114   | 119279   | 5.00     | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 103190   | 5.00     | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 46002    | 5.00     | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 34860    | 3.87     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 77.40%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 38866    | 4.56     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 91.20%   |
| 11) 1,1-Dichloroethene-d2     | 2.578  | 63    | 52269    | 2.88     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 57.60%#  |
| 20) 2-Butanone-d5             | 4.655  | 46    | 144658   | 47.89    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 95.78%   |
| 24) Chloroform-d              | 5.083  | 84    | 81594    | 4.43     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 88.60%   |
| 26) 1,2-Dichloroethane-d4     | 5.716  | 65    | 47588    | 4.74     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 94.80%   |
| 32) Benzene-d6                | 5.742  | 84    | 154891   | 4.64     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 92.80%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 58022    | 5.30     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 106.00%  |
| 41) Toluene-d8                | 7.906  | 98    | 140569   | 4.71     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 94.20%   |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 21507    | 4.89     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 97.80%   |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 118195   | 52.43    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 104.86%  |
| 57) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 41831    | 5.02     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 100.40%  |
| 64) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 42335    | 4.89     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 97.80%   |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 9) Trichlorofluoromethane     | 2.147  | 101   | 13690    | 0.77     | ug/L  | 98       |
| 13) Acetone                   | 2.674  | 43    | 3694m    | 1.96     | ug/L  |          |
| 17) Methyl tert-butyl Ether   | 3.382  | 73    | 8847     | 0.36     | ug/L  | 96       |
| 22) cis-1,2-Dichloroethene    | 4.681  | 96    | 12244    | 1.23     | ug/L  | 92       |
| 25) Chloroform                | 5.105  | 83    | 4817     | 0.26     | ug/L  | 91       |
| 31) Carbon tetrachloride      | 5.542  | 117   | 2839     | 0.22     | ug/L  | 95       |
| 34) Trichloroethene           | 6.552  | 95    | 420526   | 44.05    | ug/L  | 98       |
| 47) Tetrachloroethene         | 8.555  | 164   | 51548    | 8.34     | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

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

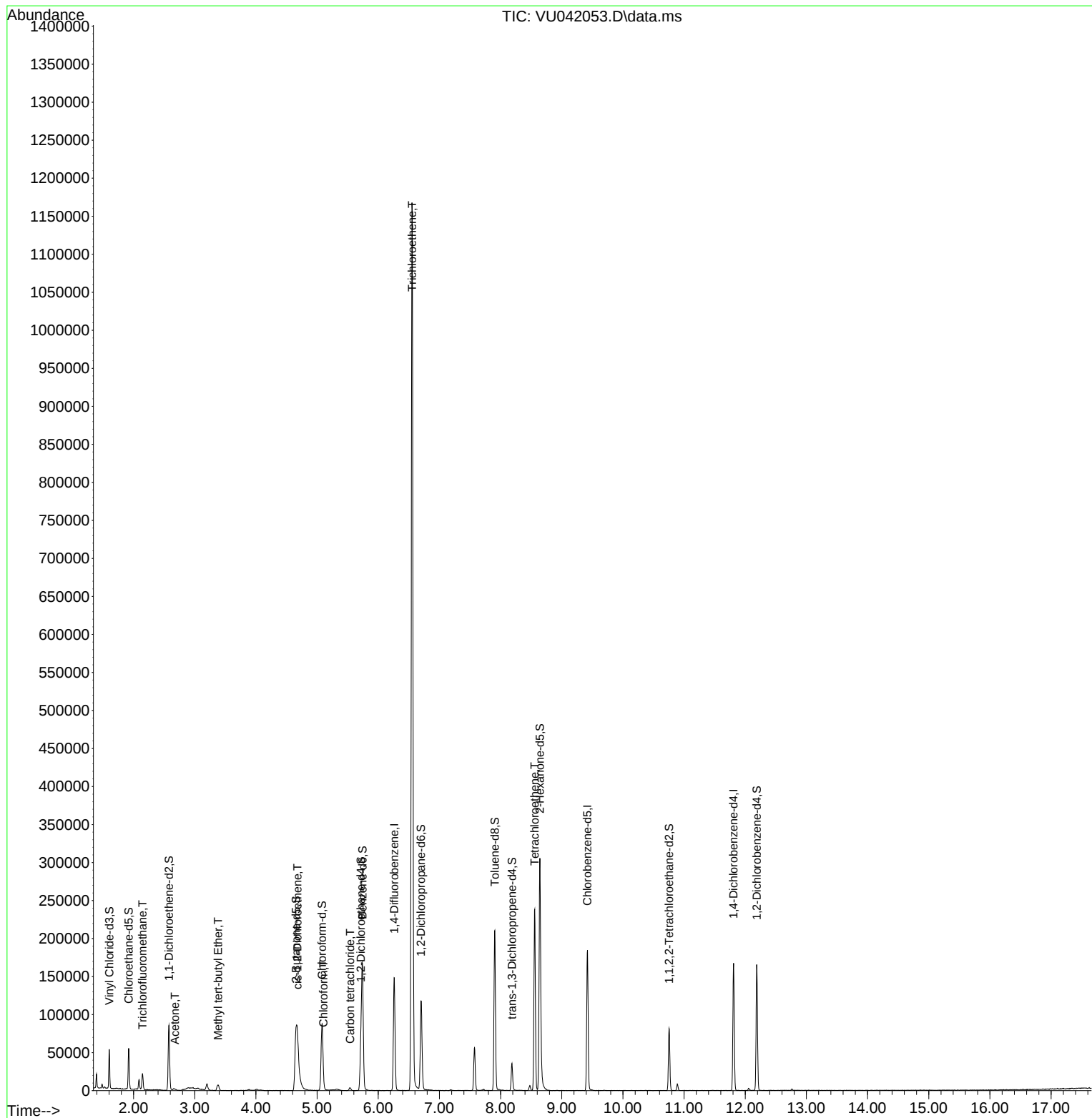
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011421\  
Data File : VU042053.D  
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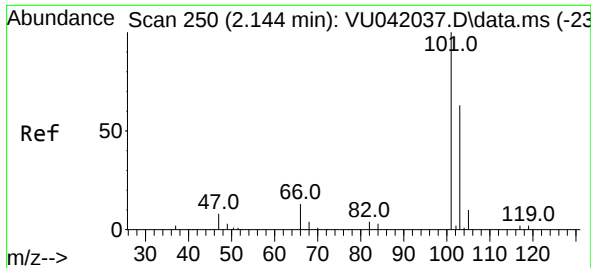
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFXN9

Manual Integrations  
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Quant Time: Jan 15 06:39:23 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR011321WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jan 15 06:32:40 2021  
Response via : Initial Calibration





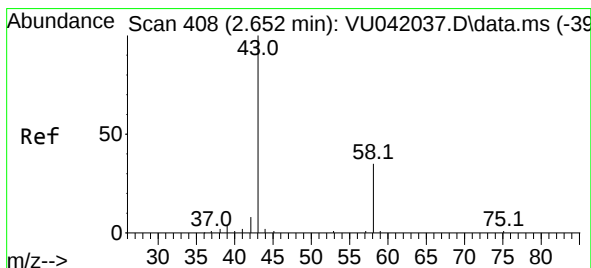
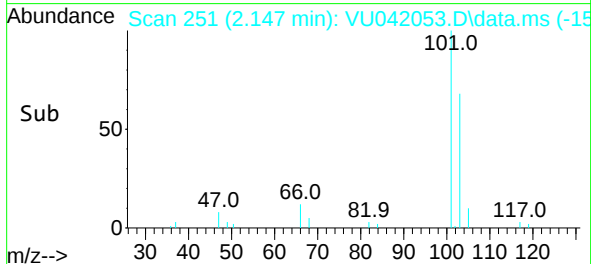
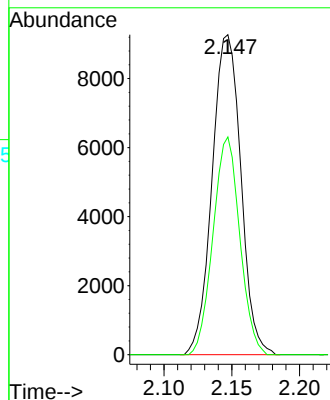
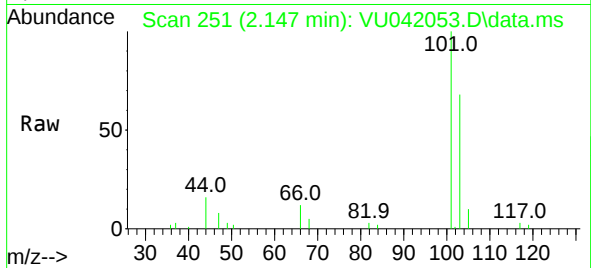
#9  
Trichlorofluoromethane  
Concen: 0.77 ug/L  
RT: 2.147 min Scan# 251  
Delta R.T. 0.003 min  
Lab File: VU042053.D  
Acq: 15 Jan 2021 00:01

Tgt Ion:101 Resp: 13690  
Ion Ratio Lower Upper  
101 100  
103 63.2 51.6 77.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFXN9

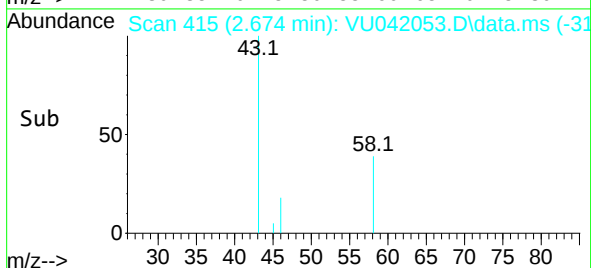
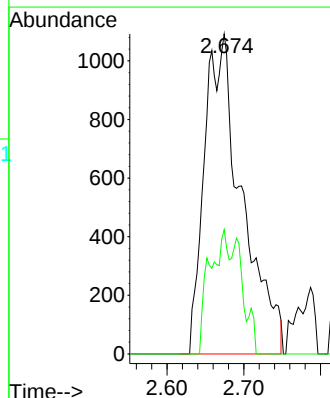
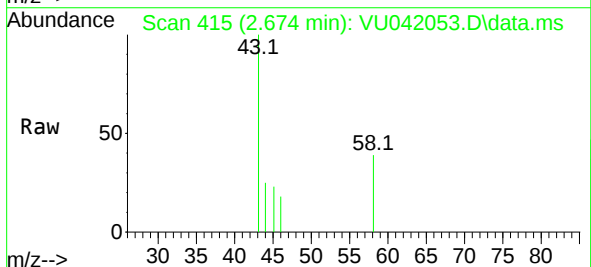
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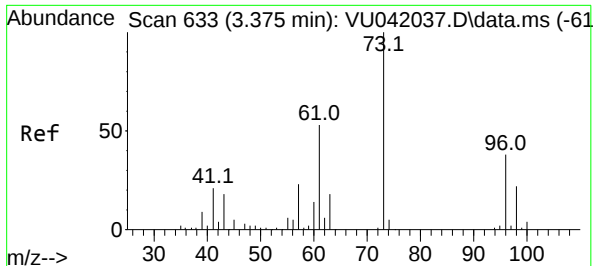
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#13  
Acetone  
Concen: 1.96 ug/L m  
RT: 2.674 min Scan# 415  
Delta R.T. 0.022 min  
Lab File: VU042053.D  
Acq: 15 Jan 2021 00:01

Tgt Ion: 43 Resp: 3694  
Ion Ratio Lower Upper  
43 100  
58 7.0 0.0 57.4





#17

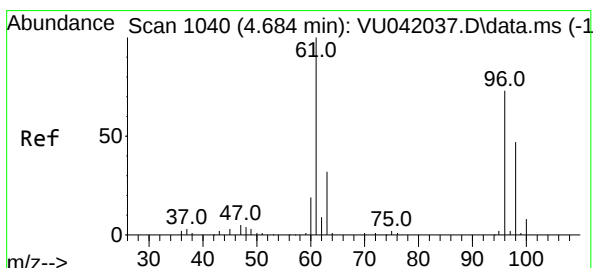
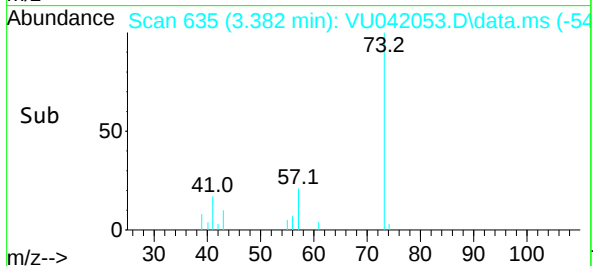
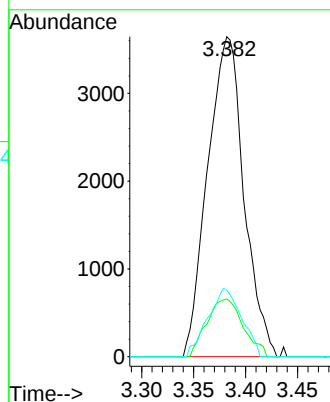
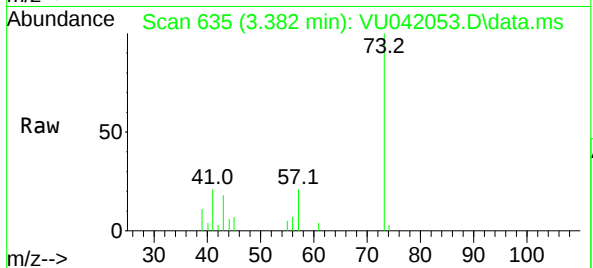
Methyl tert-butyl Ether  
Concen: 0.36 ug/L  
RT: 3.382 min Scan# 635  
Delta R.T. 0.006 min  
Lab File: VU042053.D  
Acq: 15 Jan 2021 00:01

|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 8847  |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 43 18.1     | 15.1 22.7   |
| 57 19.8     | 18.0 27.0   |

Instrument :  
MSVOA\_U  
ClientSampled :  
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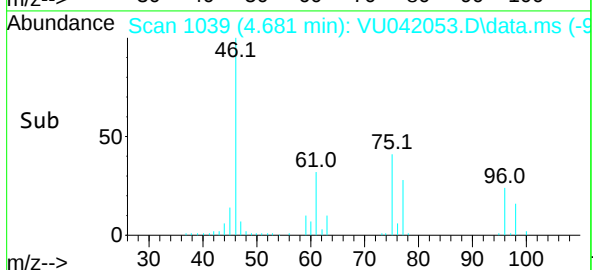
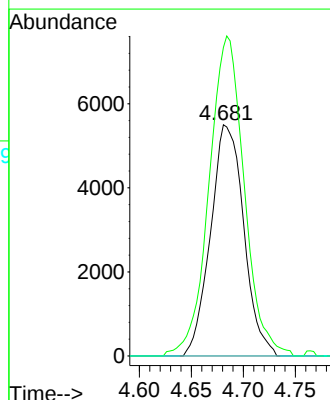
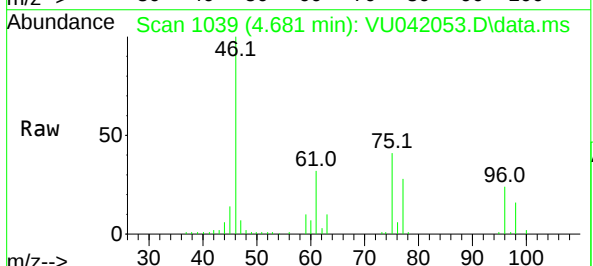
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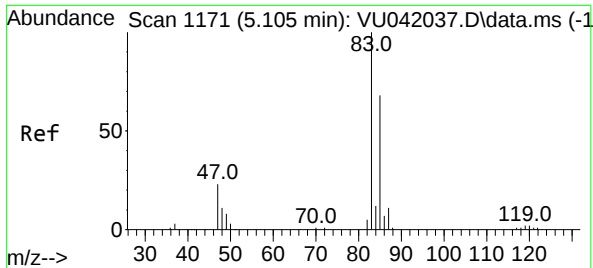


#22

cis-1,2-Dichloroethene  
Concen: 1.23 ug/L  
RT: 4.681 min Scan# 1039  
Delta R.T. -0.003 min  
Lab File: VU042053.D  
Acq: 15 Jan 2021 00:01

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 12244 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 133.4    | 100.3 186.3 |
| 68 0.0      | 0.0 0.0     |





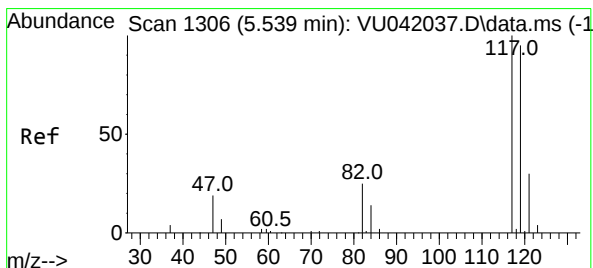
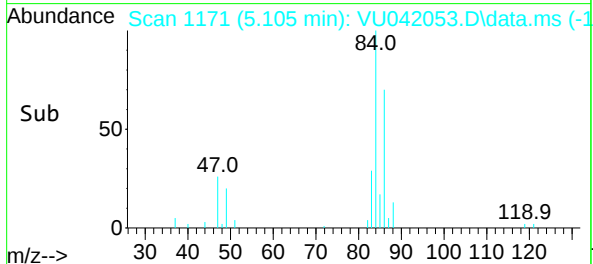
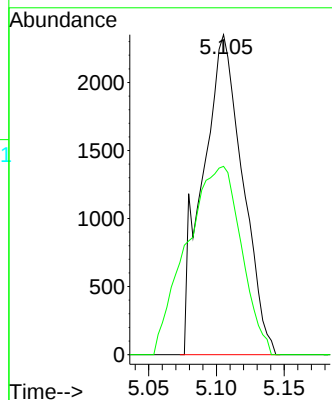
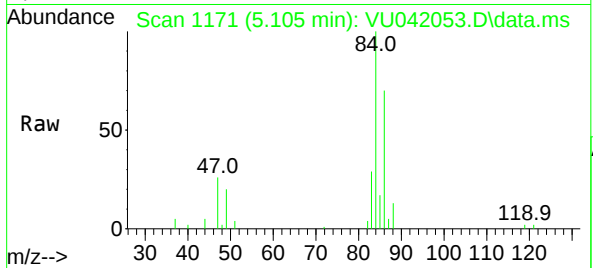
#25  
Chloroform  
Concen: 0.26 ug/L  
RT: 5.105 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: VU042053.D  
Acq: 15 Jan 2021 00:01

Tgt Ion: 83 Resp: 4817  
Ion Ratio Lower Upper  
83 100  
85 58.8 46.1 85.7

Instrument :  
MSVOA\_U  
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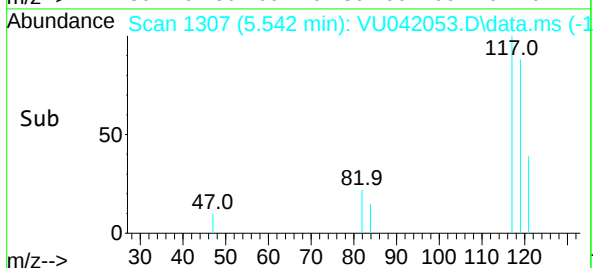
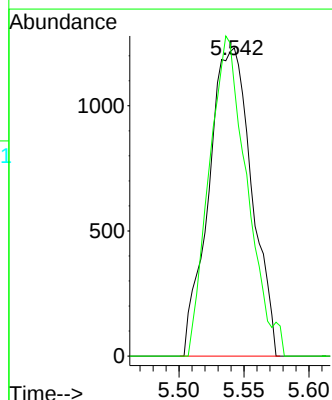
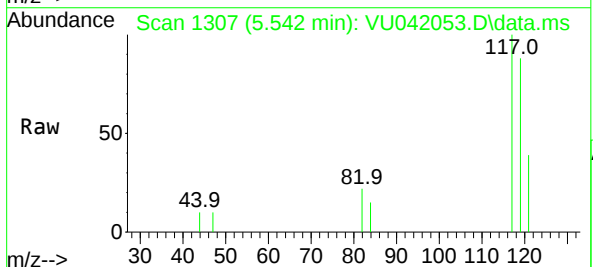
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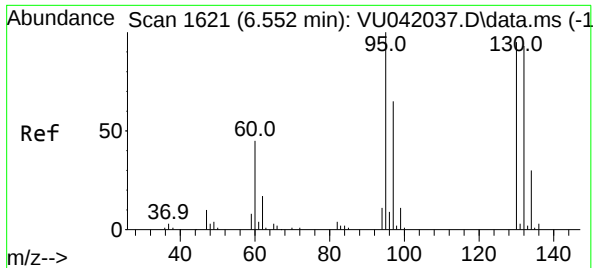
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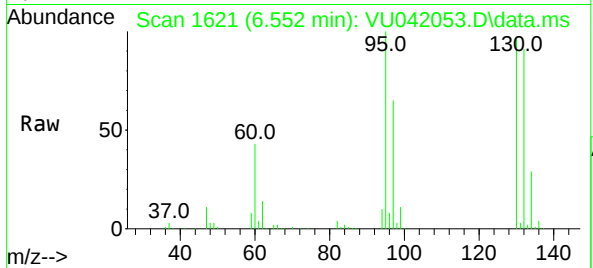
#31  
Carbon tetrachloride  
Concen: 0.22 ug/L  
RT: 5.542 min Scan# 1307  
Delta R.T. 0.003 min  
Lab File: VU042053.D  
Acq: 15 Jan 2021 00:01

Tgt Ion: 117 Resp: 2839  
Ion Ratio Lower Upper  
117 100  
119 91.2 76.6 114.8



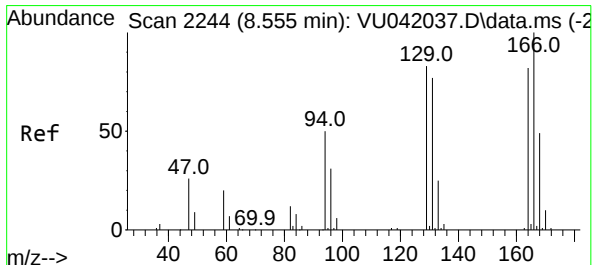
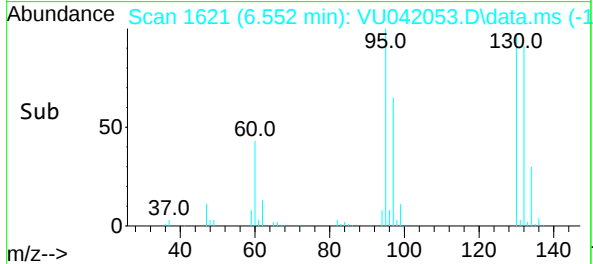
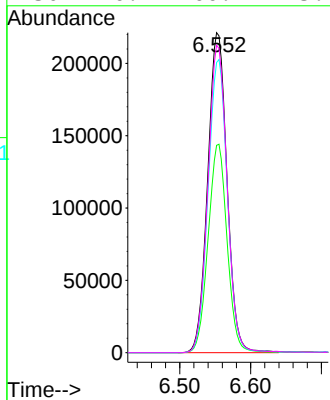


#34  
Trichloroethene  
Concen: 44.05 ug/L  
RT: 6.552 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VU042053.D  
Acq: 15 Jan 2021 00:01

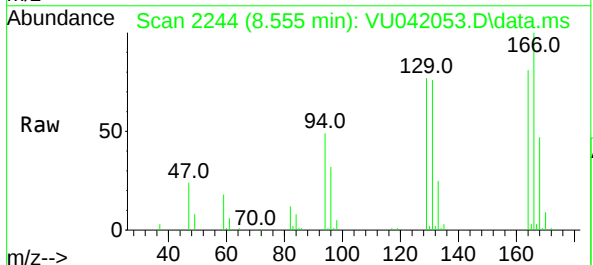


Tgt Ion: 95 Resp: 420526

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.8  | 43.6  | 81.0  |
| 132 | 90.7  | 64.3  | 119.3 |
| 130 | 96.1  | 66.7  | 123.9 |

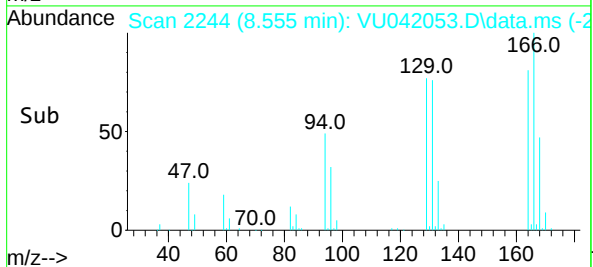
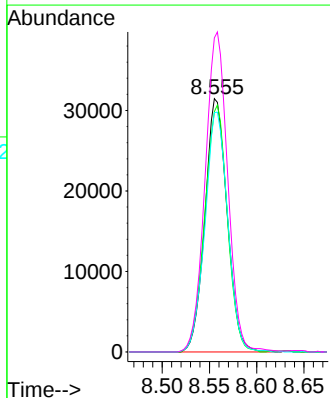


#47  
Tetrachloroethene  
Concen: 8.34 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.000 min  
Lab File: VU042053.D  
Acq: 15 Jan 2021 00:01



Tgt Ion: 164 Resp: 51548

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 94.9  | 68.7  | 127.5 |
| 131 | 94.6  | 65.2  | 121.0 |
| 166 | 124.1 | 86.2  | 160.0 |



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