

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051821\  
 Data File : VU043806.D  
 Acq On : 18 May 2021 12:01  
 Operator : SY/MD  
 Sample : M2418-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 19 01:41:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 19 01:40:07 2021  
 Response via : Initial Calibration

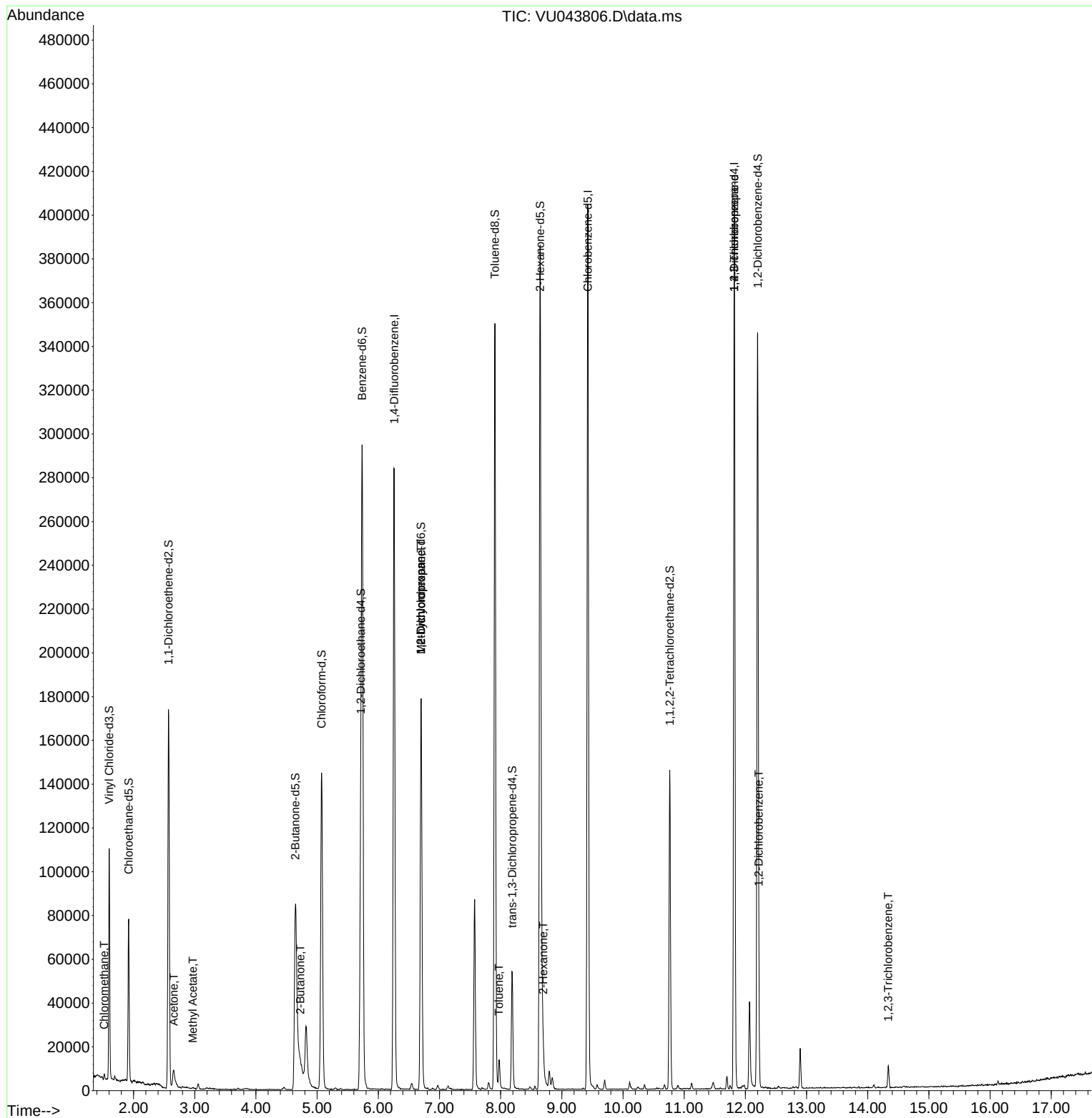
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.260  | 114   | 234275   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 235509   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 112388   | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 74708    | 4.33     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 86.60%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 54118    | 4.49     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.80%   |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 33189    | 4.63     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 92.60%   |
| 20) 2-Butanone-d5             | 4.645  | 46    | 170262   | 51.84    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 103.68%  |
| 24) Chloroform-d              | 5.073  | 84    | 134566   | 4.79     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.80%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 71178    | 4.95     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.00%   |
| 32) Benzene-d6                | 5.735  | 84    | 282431   | 4.72     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.40%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 89141    | 4.68     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.60%   |
| 41) Toluene-d8                | 7.906  | 98    | 237319   | 4.30     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.00%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 31735    | 4.48     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 89.60%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 146098   | 45.84    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.68%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 72017    | 4.61     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.20%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 95304    | 5.09     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.80%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.520  | 50    | 2374     | 0.12     | ug/L   | 98       |
| 13) Acetone                   | 2.655  | 43    | 14499    | 6.95     | ug/L   | 99       |
| 15) Methyl Acetate            | 2.970  | 43    | 682      | 0.11     | ug/L # | 51       |
| 21) 2-Butanone                | 4.726  | 43    | 6717     | 1.68     | ug/L   | 86       |
| 35) Methylcyclohexane         | 6.700  | 83    | 20521    | 0.76     | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 9124     | 0.51     | ug/L # | 89       |
| 42) Toluene                   | 7.973  | 91    | 8971     | 0.13     | ug/L   | 91       |
| 48) 2-Hexanone                | 8.697  | 43    | 6853     | 0.81     | ug/L # | 81       |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75    | 12614    | 1.18     | ug/L # | 69       |
| 67) 1,2-Dichlorobenzene       | 12.221 | 146   | 2481     | 0.08     | ug/L # | 91       |
| 72) 1,2,3-Trichlorobenzene    | 14.336 | 180   | 3722     | 0.19     | ug/L   | 93       |
| -----                         |        |       |          |          |        |          |

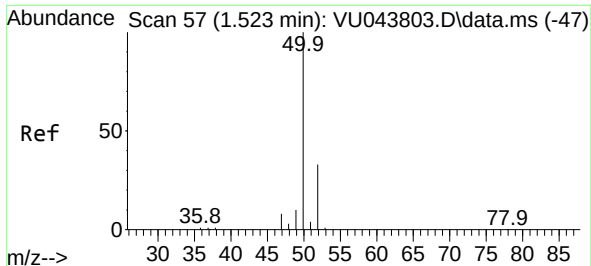
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed May 19 01:40:07 2021  
Response via : Initial Calibration

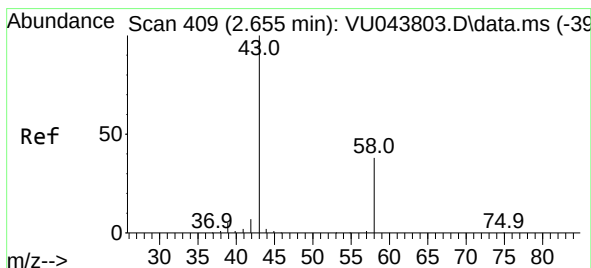
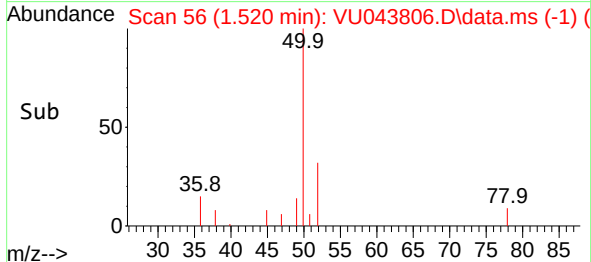
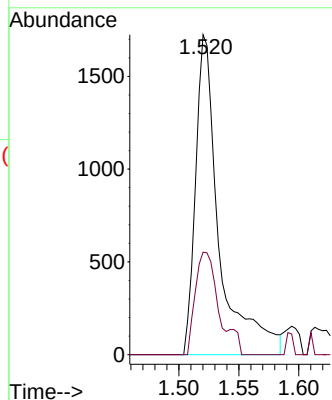
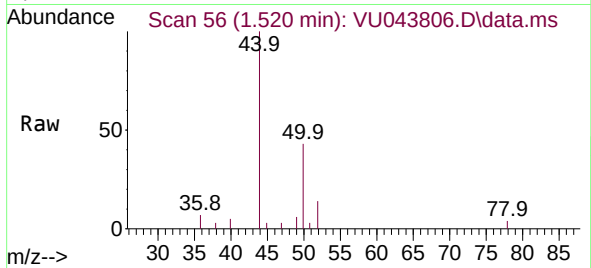




#3  
Chloromethane  
Concen: 0.12 ug/L  
RT: 1.520 min Scan# 56  
Delta R.T. -0.003 min  
Lab File: VU043806.D  
Acq: 18 May 2021 12:01

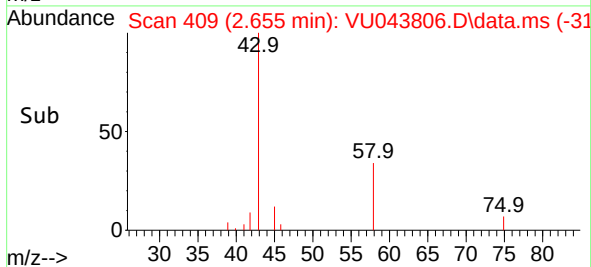
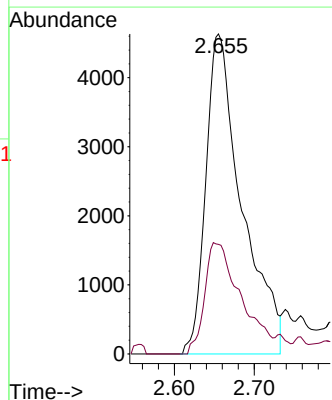
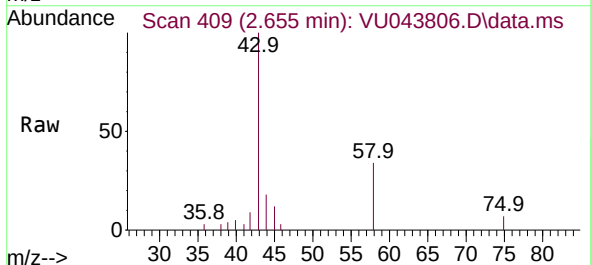
Instrument :  
MSVOA\_U  
ClientSampled :

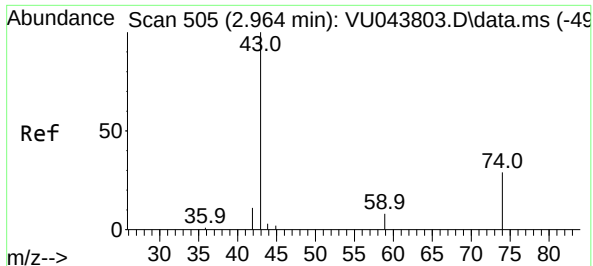
Tgt Ion: 50 Resp: 2374  
Ion Ratio Lower Upper  
50 100  
52 32.1 23.2 43.2



#13  
Acetone  
Concen: 6.95 ug/L  
RT: 2.655 min Scan# 409  
Delta R.T. -0.000 min  
Lab File: VU043806.D  
Acq: 18 May 2021 12:01

Tgt Ion: 43 Resp: 14499  
Ion Ratio Lower Upper  
43 100  
58 35.0 0.0 71.6

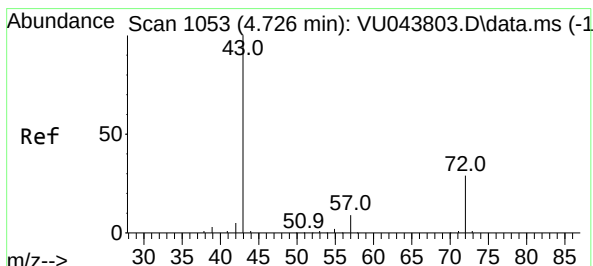
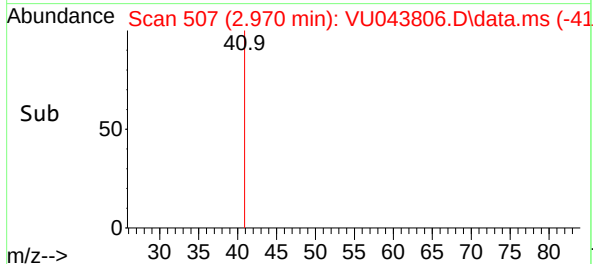
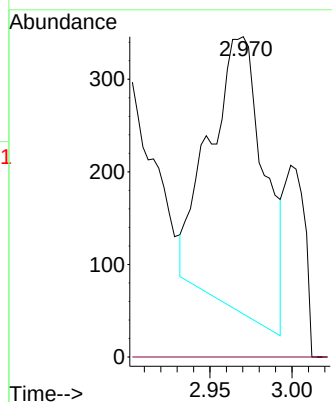
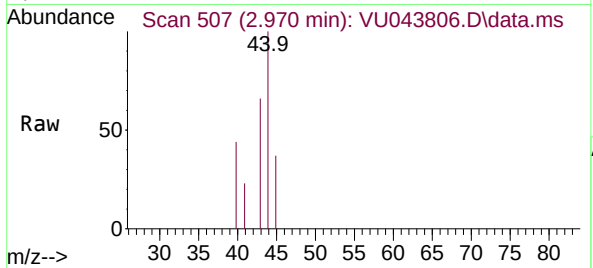




#15  
Methyl Acetate  
Concen: 0.11 ug/L  
RT: 2.970 min Scan# 507  
Delta R.T. 0.006 min  
Lab File: VU043806.D  
Acq: 18 May 2021 12:01

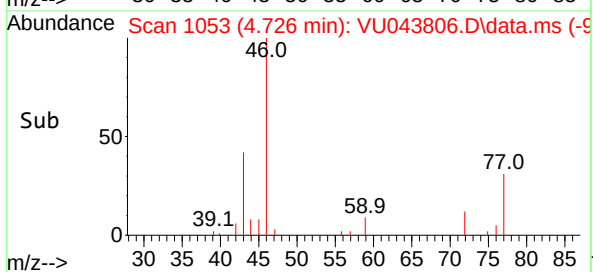
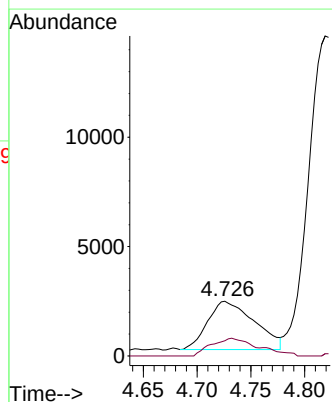
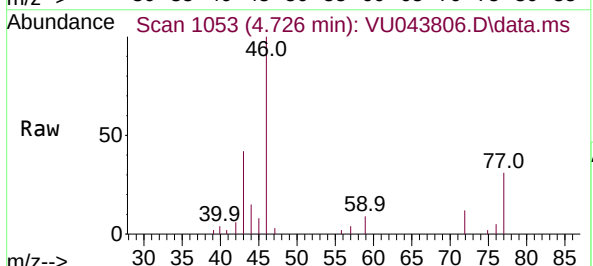
Instrument :  
MSVOA\_U  
ClientSampled :

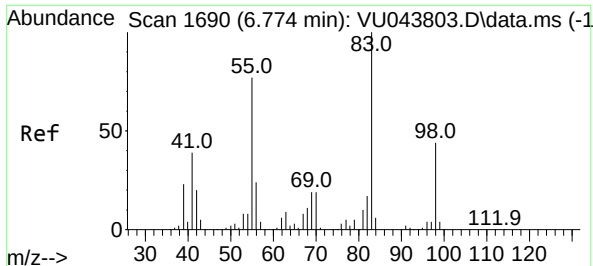
Tgt Ion: 43 Resp: 682  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.3 28.9#



#21  
2-Butanone  
Concen: 1.68 ug/L  
RT: 4.726 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VU043806.D  
Acq: 18 May 2021 12:01

Tgt Ion: 43 Resp: 6717  
Ion Ratio Lower Upper  
43 100  
72 36.7 14.5 43.6





#35

Methylcyclohexane

Concen: 0.76 ug/L

RT: 6.700 min Scan# 1667

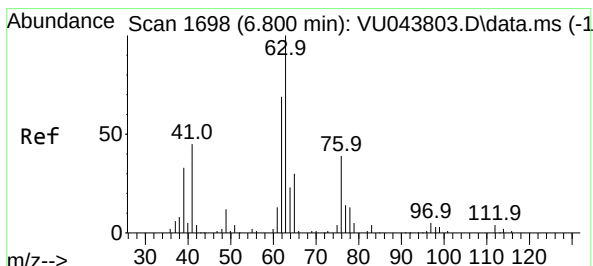
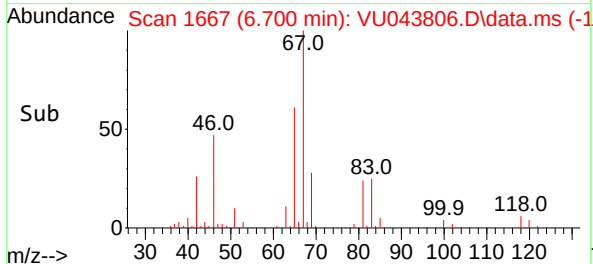
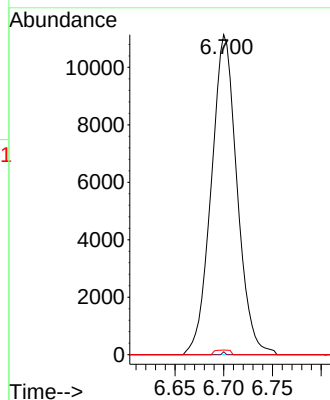
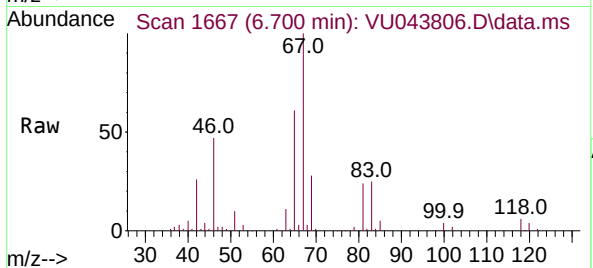
Delta R.T. -0.074 min

Lab File: VU043806.D

Acq: 18 May 2021 12:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 20521 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 0.1   | 64.8  | 97.2# |
| 98        | 0.9   | 35.9  | 53.9# |

Instrument :  
MSVOA\_U  
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.51 ug/L

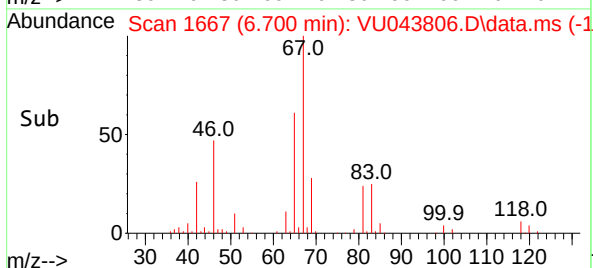
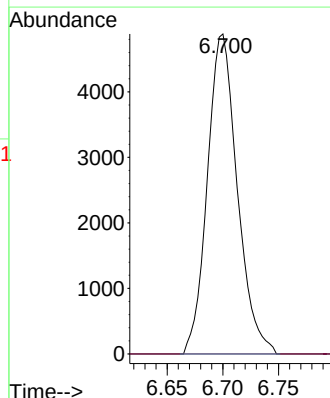
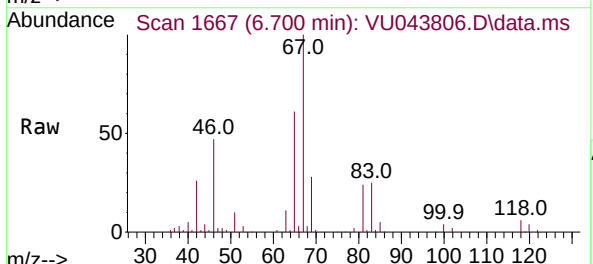
RT: 6.700 min Scan# 1667

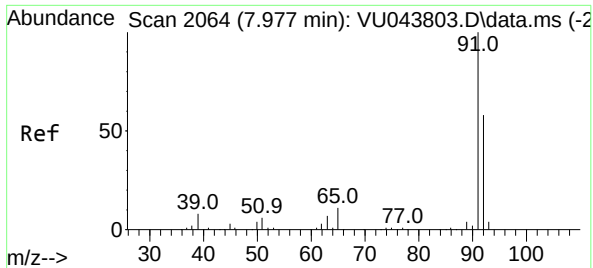
Delta R.T. -0.100 min

Lab File: VU043806.D

Acq: 18 May 2021 12:01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 63    | Resp: | 9124 |
| Ion Ratio | Lower | Upper |      |
| 63        | 100   |       |      |
| 112       | 0.4   | 3.3   | 4.9# |

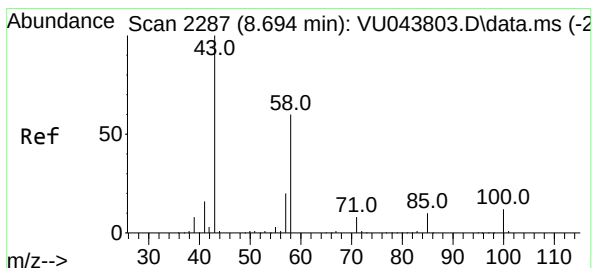
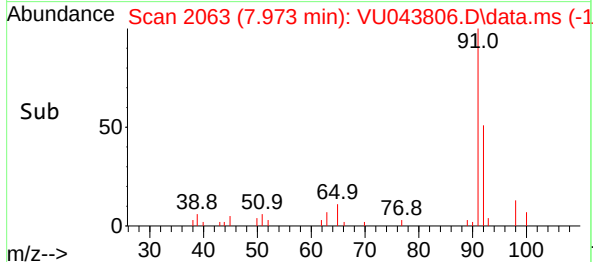
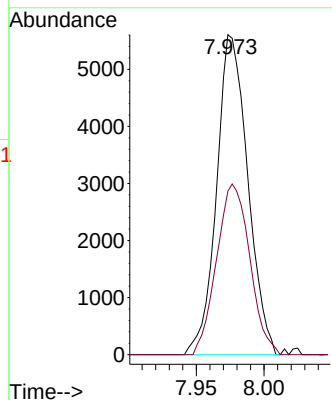
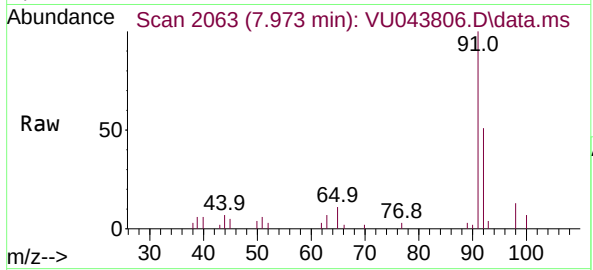




#42  
Toluene  
Concen: 0.13 ug/L  
RT: 7.973 min Scan# 2063  
Delta R.T. -0.003 min  
Lab File: VU043806.D  
Acq: 18 May 2021 12:01

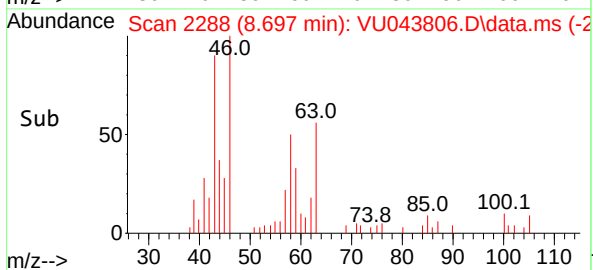
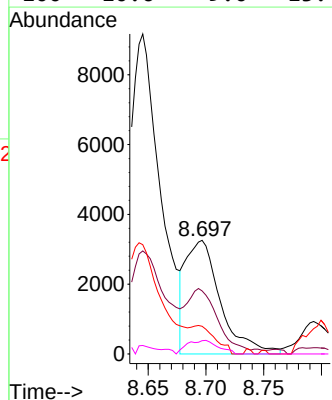
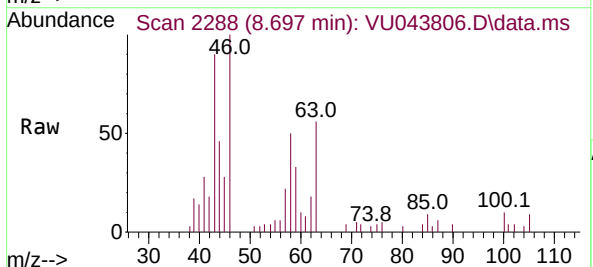
Instrument :  
MSVOA\_U  
ClientSampled :

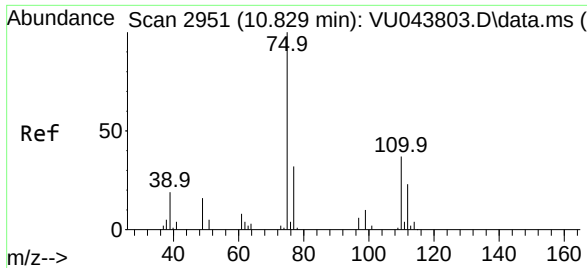
Tgt Ion: 91 Resp: 8971  
Ion Ratio Lower Upper  
91 100  
92 51.1 40.3 74.8



#48  
2-Hexanone  
Concen: 0.81 ug/L  
RT: 8.697 min Scan# 2288  
Delta R.T. 0.003 min  
Lab File: VU043806.D  
Acq: 18 May 2021 12:01

Tgt Ion: 43 Resp: 6853  
Ion Ratio Lower Upper  
43 100  
58 47.6 47.0 70.4  
57 0.0 15.8 23.8#  
100 10.6 9.0 13.4

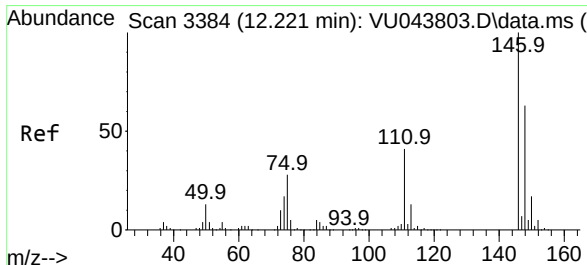
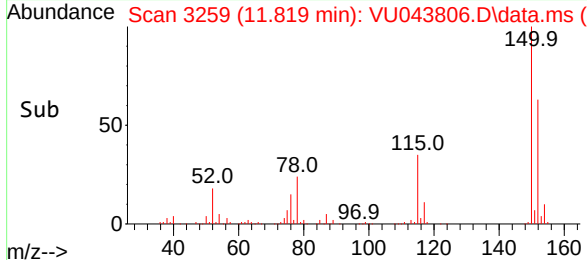
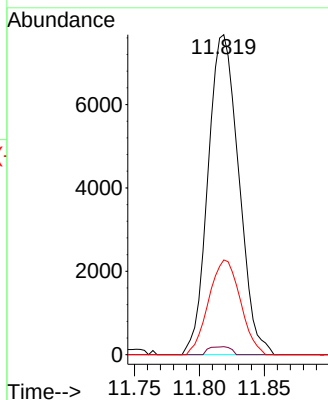
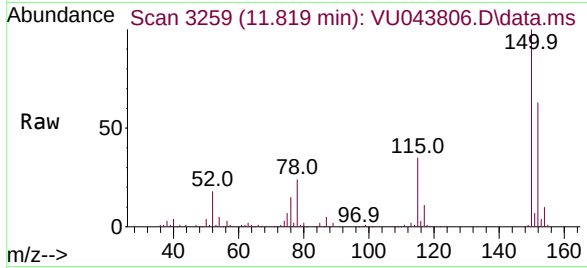




#61  
1,2,3-Trichloropropane  
Concen: 1.18 ug/L  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.990 min  
Lab File: VU043806.D  
Acq: 18 May 2021 12:01

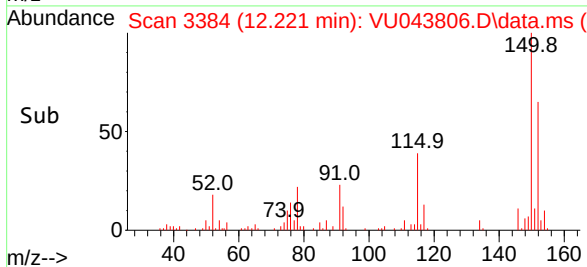
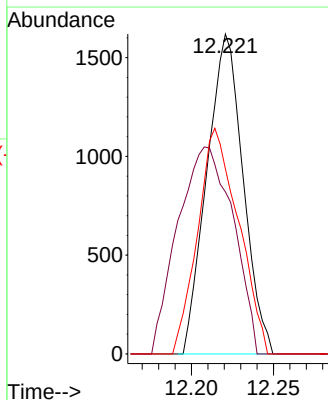
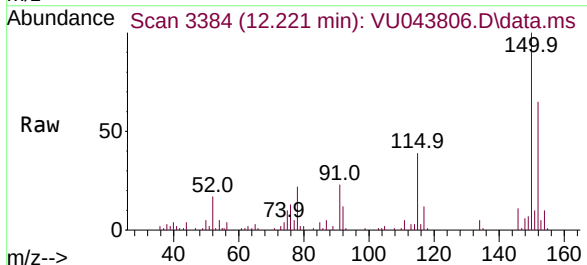
Instrument :  
MSVOA\_U  
ClientSampled :

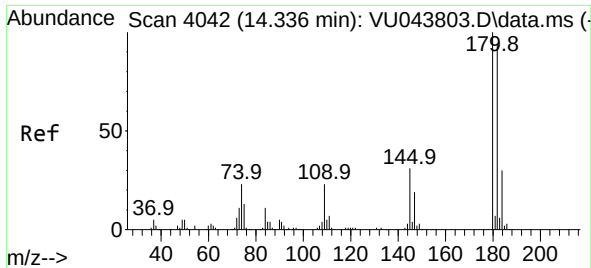
Tgt Ion: 75 Resp: 12614  
Ion Ratio Lower Upper  
75 100  
110 1.8 27.9 41.9#  
77 30.5 25.9 38.9



#67  
1,2-Dichlorobenzene  
Concen: 0.08 ug/L  
RT: 12.221 min Scan# 3384  
Delta R.T. -0.000 min  
Lab File: VU043806.D  
Acq: 18 May 2021 12:01

Tgt Ion:146 Resp: 2481  
Ion Ratio Lower Upper  
146 100  
111 50.6 33.6 50.4#  
148 57.8 50.2 75.2





#72  
 1,2,3-Trichlorobenzene  
 Concen: 0.19 ug/L  
 RT: 14.336 min Scan# 4042  
 Delta R.T. -0.000 min  
 Lab File: VU043806.D  
 Acq: 18 May 2021 12:01

Instrument :  
 MSVOA\_U  
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Tgt Ion:180 Resp: 3722  
 Ion Ratio Lower Upper  
 180 100  
 182 90.0 77.0 115.4  
 145 26.8 24.6 36.8

