

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051021\  
 Data File : VU043639.D  
 Acq On : 10 May 2021 15:30  
 Operator : SY/MD  
 Sample : M2320-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 11 03:59:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR050321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue May 11 03:58:06 2021  
 Response via : Initial Calibration

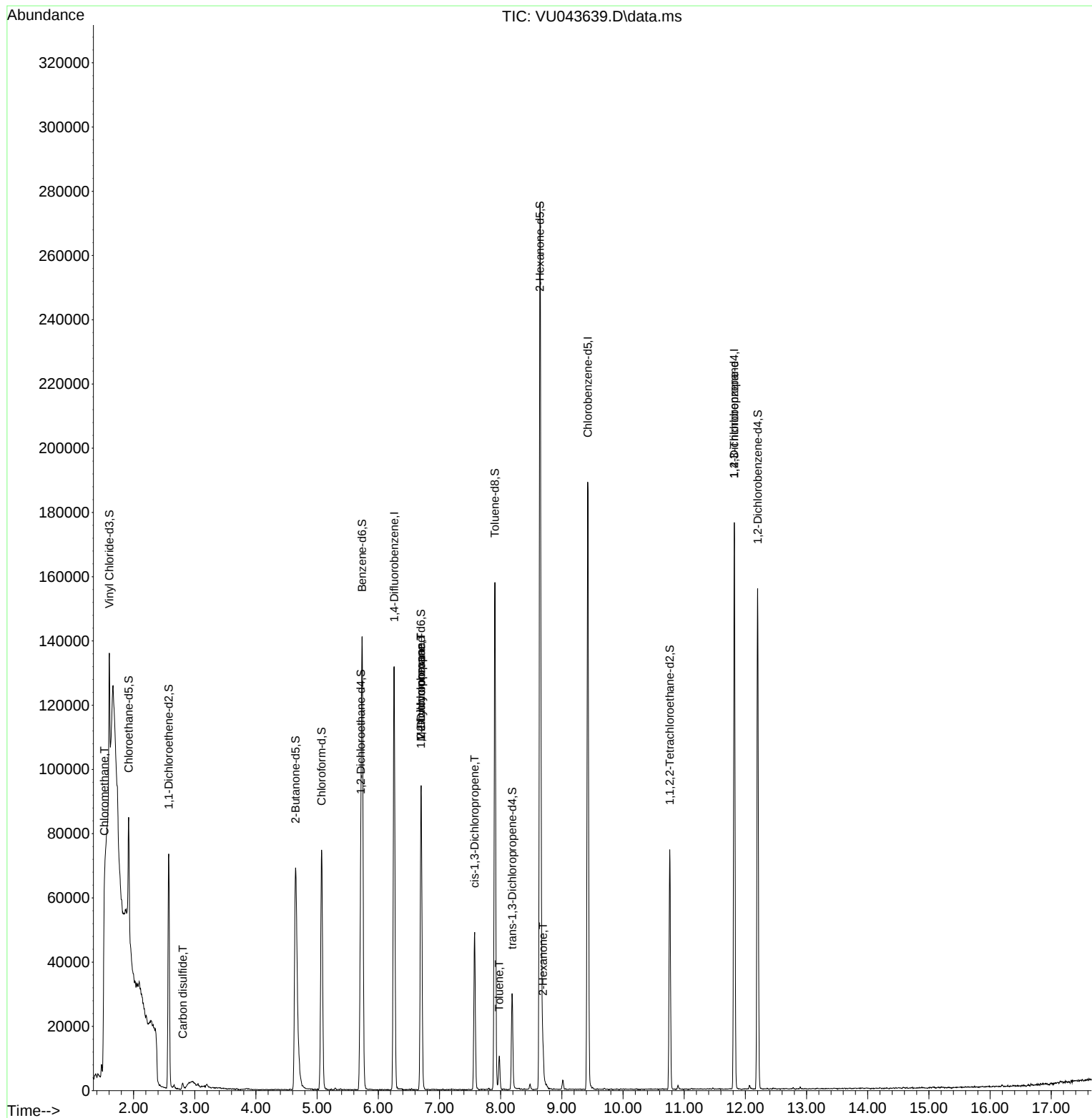
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.259  | 114   | 96100    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 95724    | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 42245    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 28393    | 3.67     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 73.40%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 23077    | 4.08     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 81.60%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 14092    | 3.72     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 74.40%   |
| 20) 2-Butanone-d5             | 4.649  | 46    | 144444   | 60.21    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 120.42%  |
| 24) Chloroform-d              | 5.073  | 84    | 65404    | 4.42     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.40%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 41243    | 4.63     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.60%   |
| 32) Benzene-d6                | 5.735  | 84    | 115316   | 4.46     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.20%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 42304    | 4.66     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.20%   |
| 41) Toluene-d8                | 7.906  | 98    | 98039    | 4.12     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.40%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 15451    | 4.22     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.40%   |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 87811    | 57.15    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 114.30%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 36217    | 4.97     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.40%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 36861    | 4.89     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.80%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.523  | 50    | 4262     | 0.62     | ug/L # | 64       |
| 14) Carbon disulfide          | 2.803  | 76    | 2504     | 0.19     | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.700  | 83    | 9537     | 1.14     | ug/L # | 12       |
| 37) 1,2-Dichloropropane       | 6.697  | 63    | 5005     | 0.67     | ug/L # | 90       |
| 39) cis-1,3-Dichloropropene   | 7.575  | 75    | 1061     | 0.11     | ug/L # | 51       |
| 42) Toluene                   | 7.976  | 91    | 7115     | 0.27     | ug/L   | 98       |
| 48) 2-Hexanone                | 8.690  | 43    | 4247     | 0.93     | ug/L # | 92       |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75    | 5580     | 1.31     | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

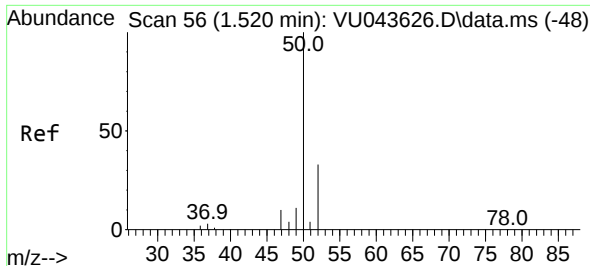
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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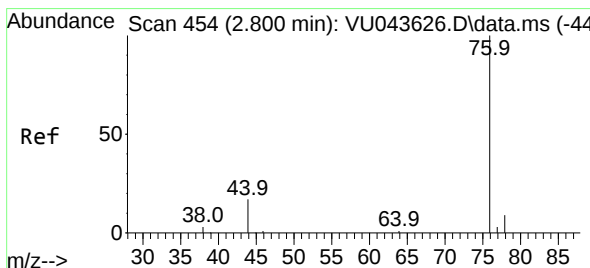
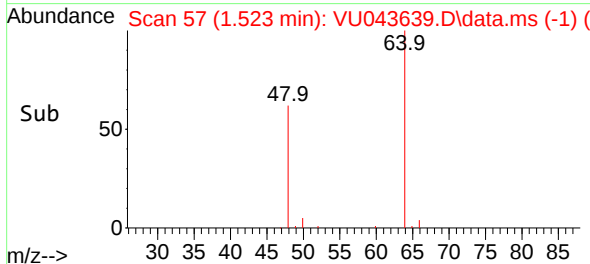
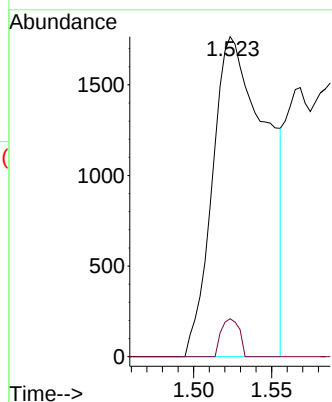
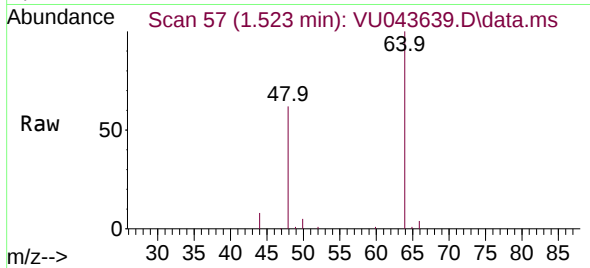




#3  
Chloromethane  
Concen: 0.62 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.003 min  
Lab File: VU043639.D  
Acq: 10 May 2021 15:30

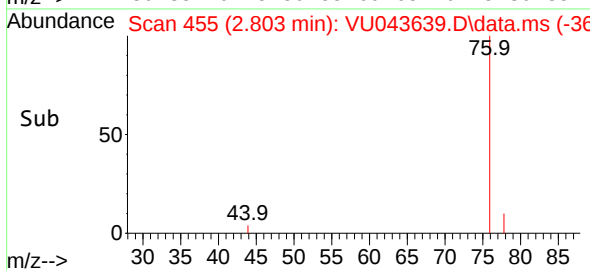
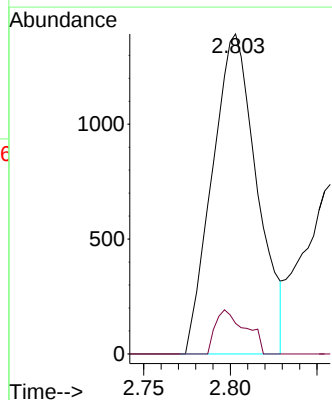
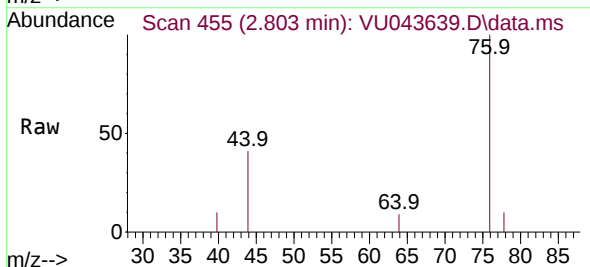
Instrument :  
MSVOA\_U  
ClientSampled :

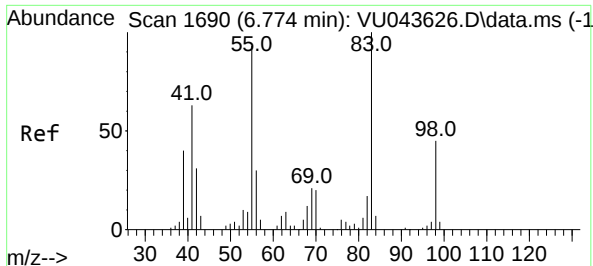
Tgt Ion: 50 Resp: 4262  
Ion Ratio Lower Upper  
50 100  
52 11.8 22.1 41.1#



#14  
Carbon disulfide  
Concen: 0.19 ug/L  
RT: 2.803 min Scan# 455  
Delta R.T. 0.003 min  
Lab File: VU043639.D  
Acq: 10 May 2021 15:30

Tgt Ion: 76 Resp: 2504  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.2





#35

Methylcyclohexane

Concen: 1.14 ug/L

RT: 6.700 min Scan# 1667

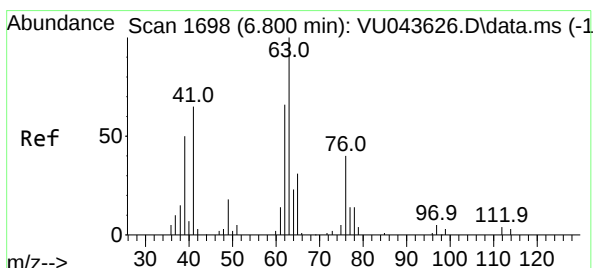
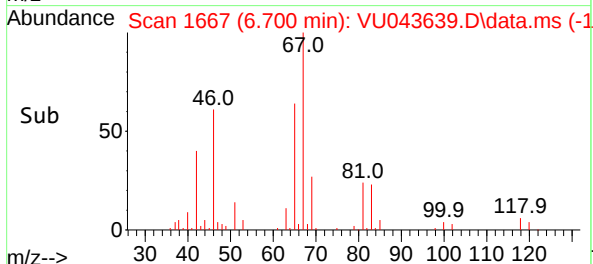
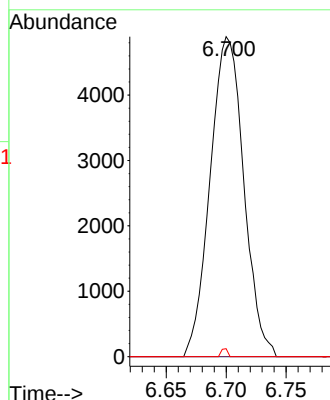
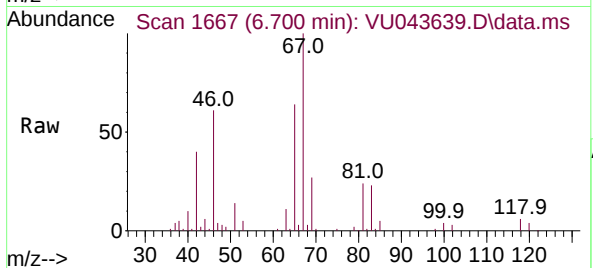
Delta R.T. -0.074 min

Lab File: VU043639.D

Acq: 10 May 2021 15:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 9537   |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 0.0   | 75.8  | 113.8# |
| 98       | 0.5   | 35.5  | 53.3#  |

Instrument :  
MSVOA\_U  
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.67 ug/L

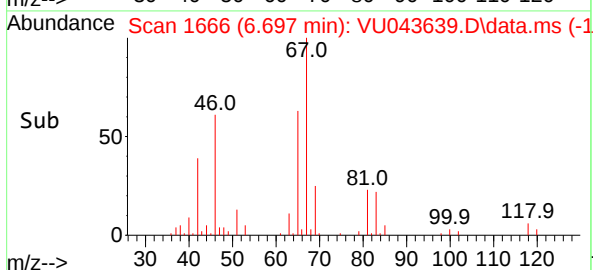
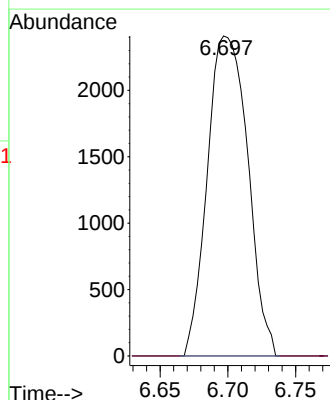
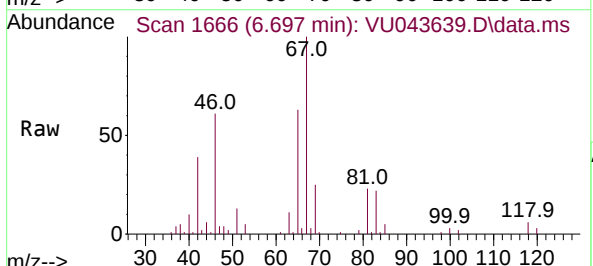
RT: 6.697 min Scan# 1666

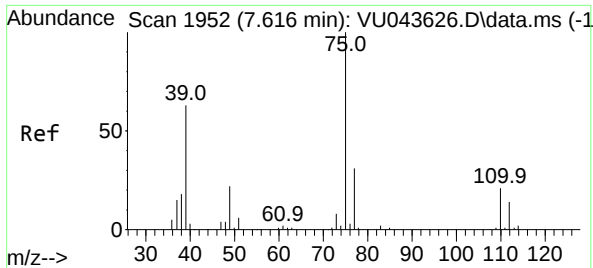
Delta R.T. -0.103 min

Lab File: VU043639.D

Acq: 10 May 2021 15:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 5005  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.0   | 2.6   | 3.8#  |



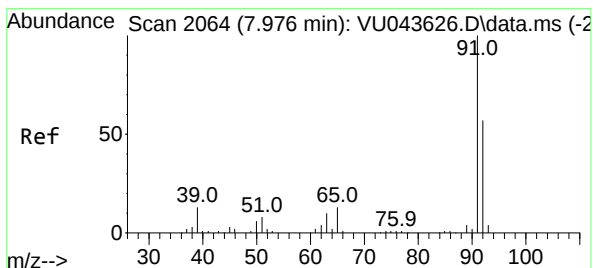
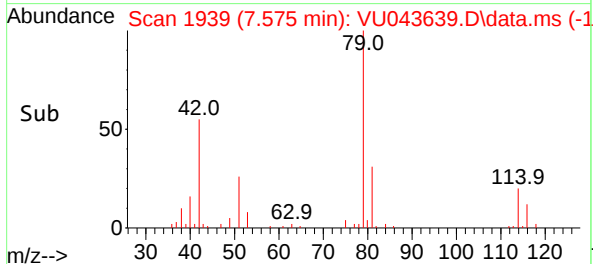
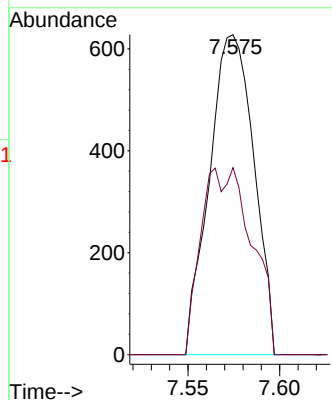
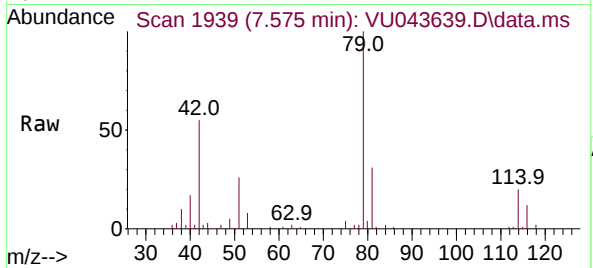


#39

cis-1,3-Dichloropropene  
Concen: 0.11 ug/L  
RT: 7.575 min Scan# 1939  
Delta R.T. -0.042 min  
Lab File: VU043639.D  
Acq: 10 May 2021 15:30

Instrument :  
MSVOA\_U  
ClientSampled :

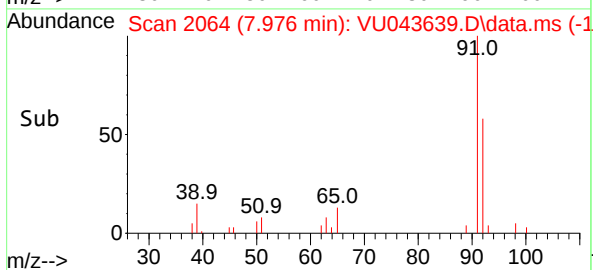
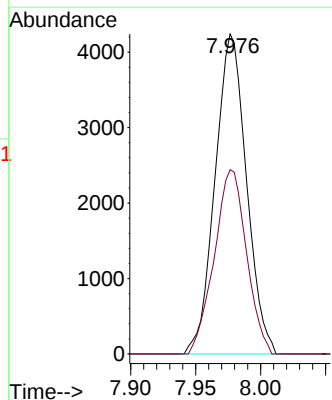
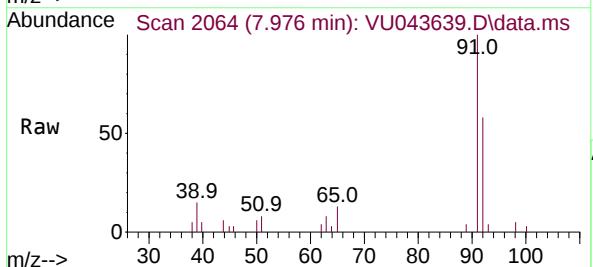
Tgt Ion: 75 Resp: 1061  
Ion Ratio Lower Upper  
75 100  
77 58.4 21.9 40.7#

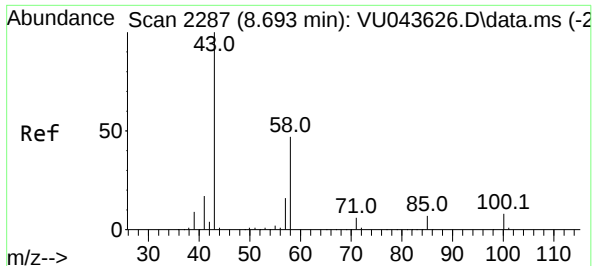


#42

Toluene  
Concen: 0.27 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU043639.D  
Acq: 10 May 2021 15:30

Tgt Ion: 91 Resp: 7115  
Ion Ratio Lower Upper  
91 100  
92 57.6 39.1 72.5

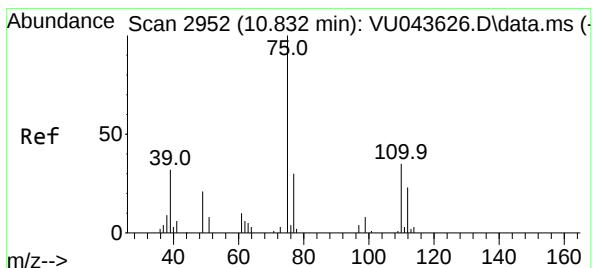
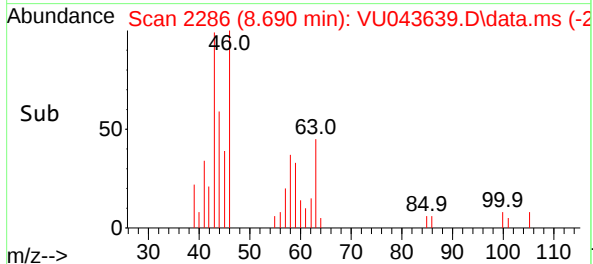
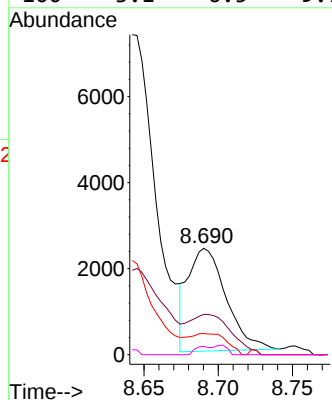
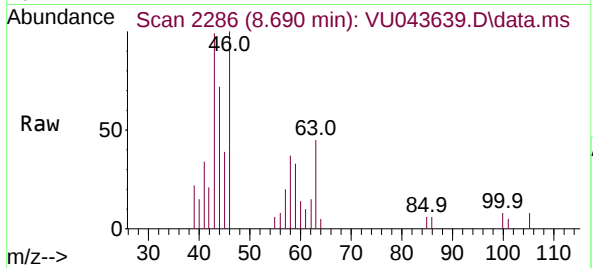




#48  
2-Hexanone  
Concen: 0.93 ug/L  
RT: 8.690 min Scan# 2286  
Delta R.T. -0.003 min  
Lab File: VU043639.D  
Acq: 10 May 2021 15:30

Instrument :  
MSVOA\_U  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4247  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 41.4  | 36.8  | 55.2  |
| 57       | 19.4  | 13.2  | 19.8  |
| 100      | 3.1   | 6.5   | 9.7#  |



#61  
1,2,3-Trichloropropane  
Concen: 1.31 ug/L  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.987 min  
Lab File: VU043639.D  
Acq: 10 May 2021 15:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5580  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 0.8   | 28.6  | 42.8# |
| 77       | 32.2  | 25.7  | 38.5  |

