

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011321\  
 Data File : VU041995.D  
 Acq On : 13 Jan 2021 21:05  
 Operator : SY/MD  
 Sample : M1065-18  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 15 01:39:07 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR011321WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jan 14 17:00:00 2021  
 Response via : Initial Calibration

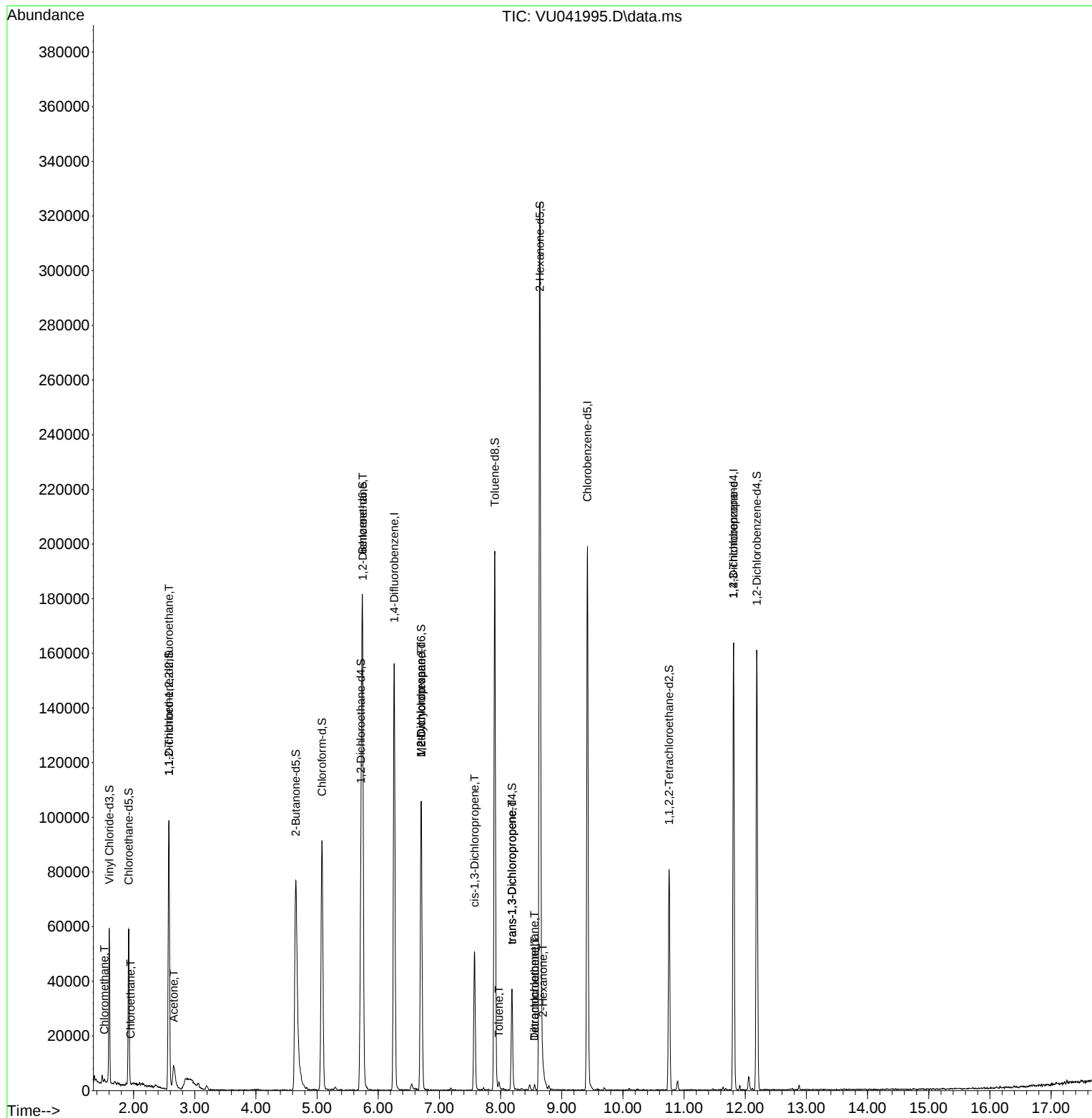
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.263  | 114   | 124644   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 109932   | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 43060    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 39221    | 4.17     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 83.40%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 40367    | 4.53     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 90.60%   |
| 11) 1,1-Dichloroethene-d2     | 2.578  | 63    | 59621    | 3.15     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 63.00%   |
| 20) 2-Butanone-d5             | 4.652  | 46    | 146731   | 46.49    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 92.98%   |
| 24) Chloroform-d              | 5.079  | 84    | 86707    | 4.50     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.00%   |
| 26) 1,2-Dichloroethane-d4     | 5.716  | 65    | 49752    | 4.74     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.80%   |
| 32) Benzene-d6                | 5.742  | 84    | 167975   | 4.72     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.40%   |
| 36) 1,2-Dichloropropane-d6    | 6.703  | 67    | 52388    | 4.49     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 89.80%   |
| 41) Toluene-d8                | 7.906  | 98    | 131415   | 4.14     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.80%   |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 21893    | 4.67     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.40%   |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 127290   | 53.00    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 106.00%  |
| 57) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 41367    | 4.66     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.20%   |
| 64) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 41682    | 5.14     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.80%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.523  | 50    | 725      | 0.05     | ug/L   | 94       |
| 8) Chloroethane               | 1.951  | 64    | 425      | 0.05     | ug/L # | 44       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.578  | 101   | 611      | 0.06     | ug/L # | 21       |
| 13) Acetone                   | 2.658  | 43    | 17325    | 8.78     | ug/L   | 93       |
| 27) 1,2-Dichloroethane        | 5.745  | 62    | 845      | 0.07     | ug/L # | 75       |
| 35) Methylcyclohexane         | 6.703  | 83    | 12027    | 0.75     | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.703  | 63    | 5269     | 0.50     | ug/L # | 90       |
| 39) cis-1,3-Dichloropropene   | 7.574  | 75    | 1168     | 0.07     | ug/L # | 45       |
| 42) Toluene                   | 7.973  | 91    | 1723     | 0.04     | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.185  | 75    | 893      | 0.07     | ug/L # | 56       |
| 47) Tetrachloroethene         | 8.555  | 164   | 460      | 0.07     | ug/L   | 86       |
| 48) 2-Hexanone                | 8.693  | 43    | 2406     | 0.49     | ug/L # | 50       |
| 49) Dibromochloromethane      | 8.552  | 129   | 404      | 0.05     | ug/L # | 11       |
| 59) 1,2,3-Trichloropropane    | 11.809 | 75    | 4857     | 0.70     | ug/L # | 87       |
| -----                         |        |       |          |          |        |          |

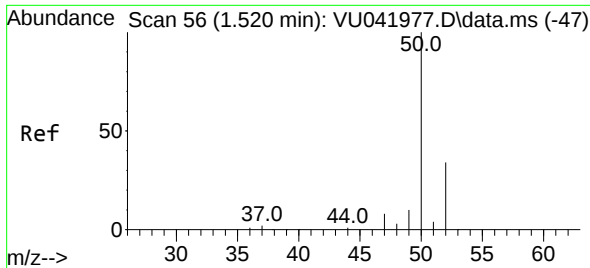
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011321\  
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Sample : M1065-18  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Jan 15 01:39:07 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR011321WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Jan 14 17:00:00 2021  
Response via : Initial Calibration

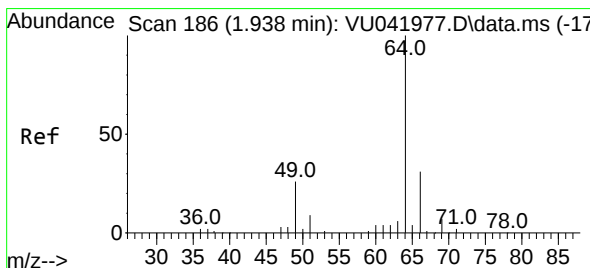
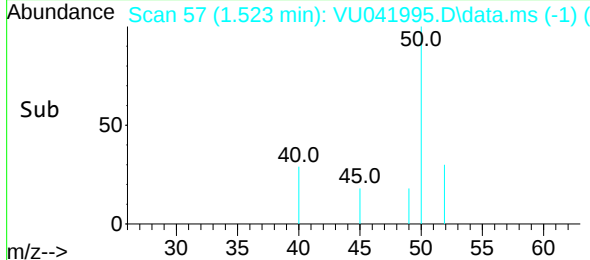
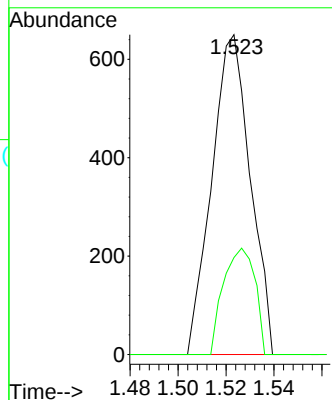
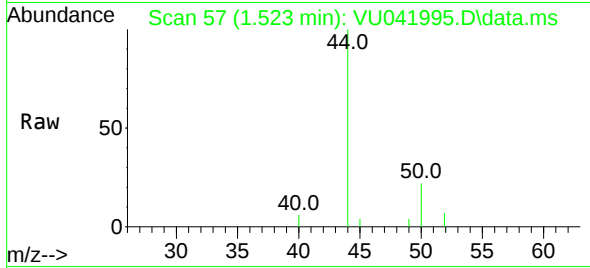




#3  
Chloromethane  
Concen: 0.05 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.003 min  
Lab File: VU041995.D  
Acq: 13 Jan 2021 21:05

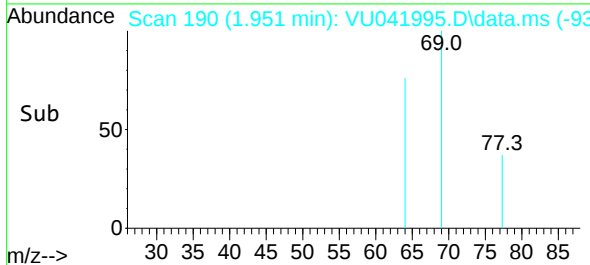
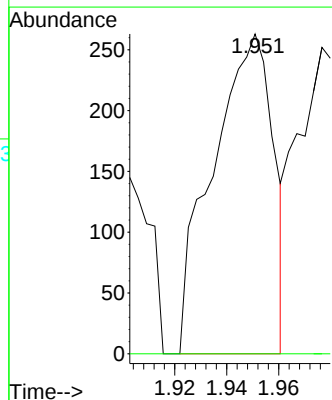
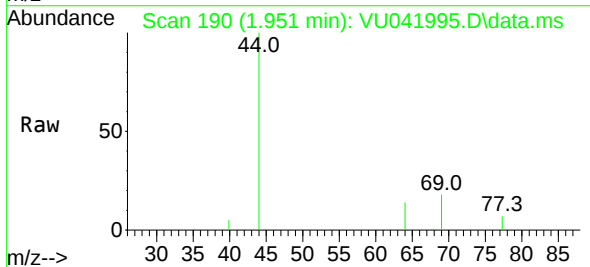
Instrument :  
MSVOA\_U  
ClientSampled :

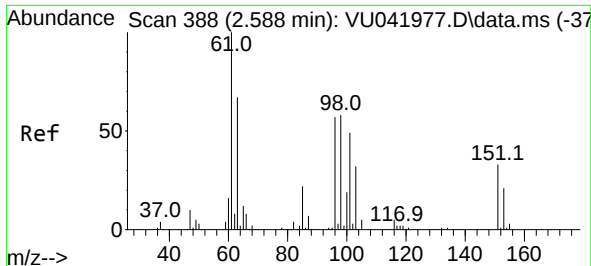
Tgt Ion: 50 Resp: 725  
Ion Ratio Lower Upper  
50 100  
52 30.3 23.5 43.7



#8  
Chloroethane  
Concen: 0.05 ug/L  
RT: 1.951 min Scan# 190  
Delta R.T. 0.013 min  
Lab File: VU041995.D  
Acq: 13 Jan 2021 21:05

Tgt Ion: 64 Resp: 425  
Ion Ratio Lower Upper  
64 100  
66 0.0 21.6 40.2#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.06 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU041995.D

Acq: 13 Jan 2021 21:05

Tgt Ion: 101 Resp: 611

Ion Ratio Lower Upper

101 100

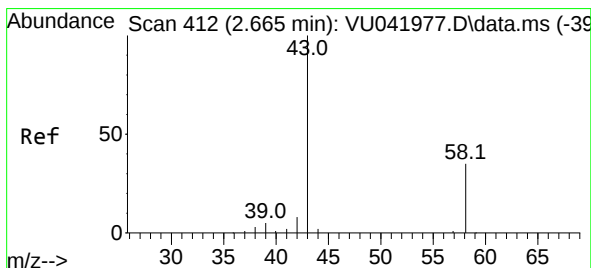
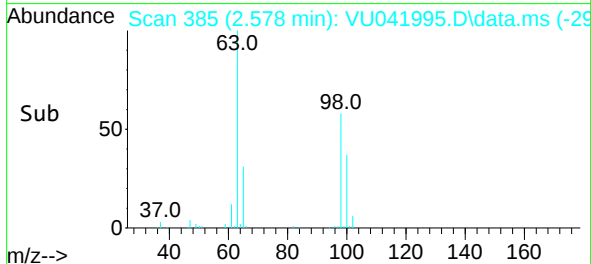
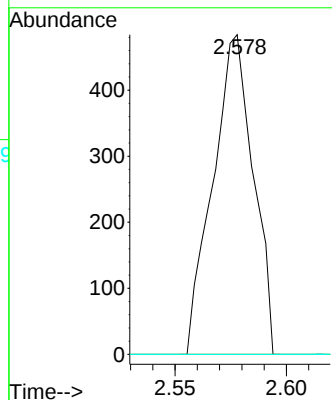
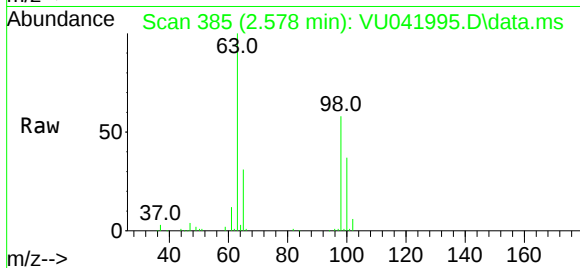
85 0.0 35.9 53.9#

151 0.0 55.4 83.2#

Instrument :

MSVOA\_U

ClientSampled :



#13

Acetone

Concen: 8.78 ug/L

RT: 2.658 min Scan# 410

Delta R.T. -0.007 min

Lab File: VU041995.D

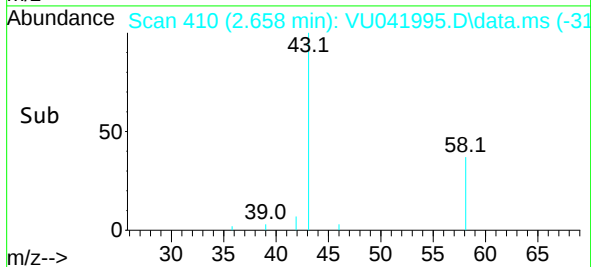
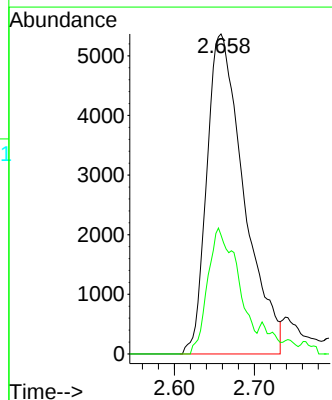
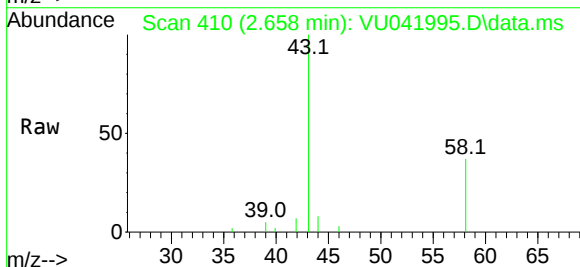
Acq: 13 Jan 2021 21:05

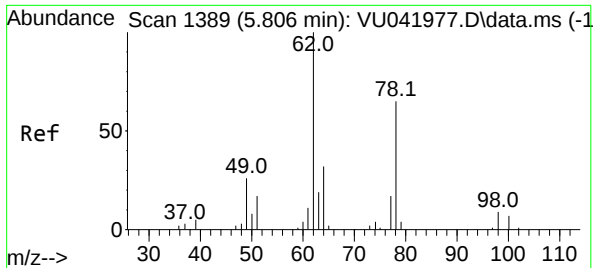
Tgt Ion: 43 Resp: 17325

Ion Ratio Lower Upper

43 100

58 32.5 0.0 57.4



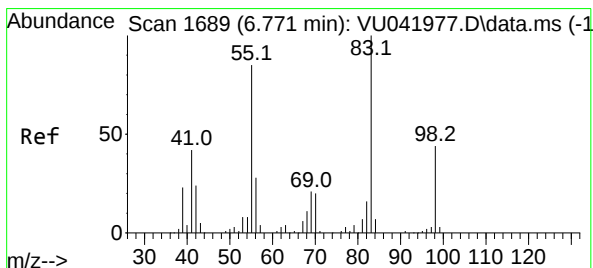
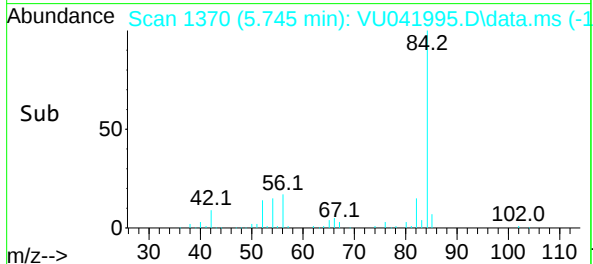
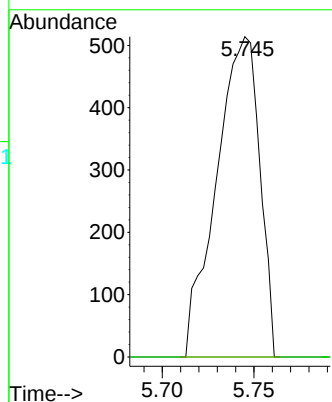
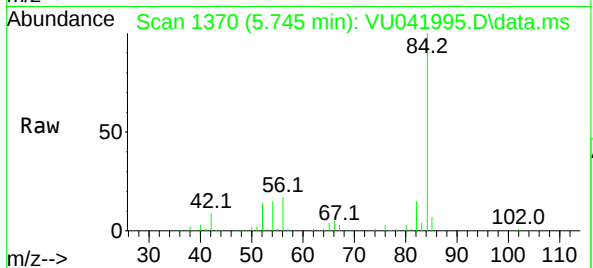


#27

1,2-Dichloroethane  
Concen: 0.07 ug/L  
RT: 5.745 min Scan# 1370  
Delta R.T. -0.061 min  
Lab File: VU041995.D  
Acq: 13 Jan 2021 21:05

Instrument :  
MSVOA\_U  
ClientSampled :

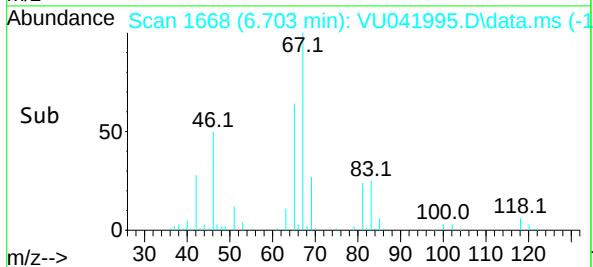
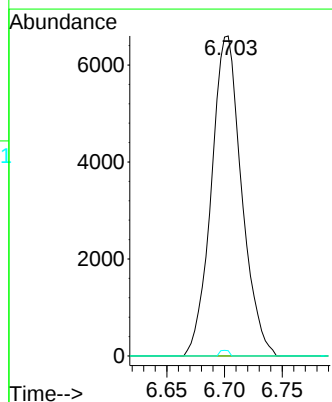
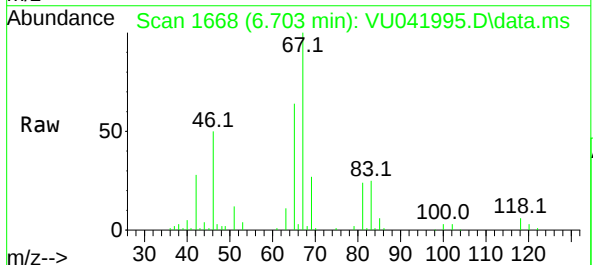
Tgt Ion: 62 Resp: 845  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.1 10.7#

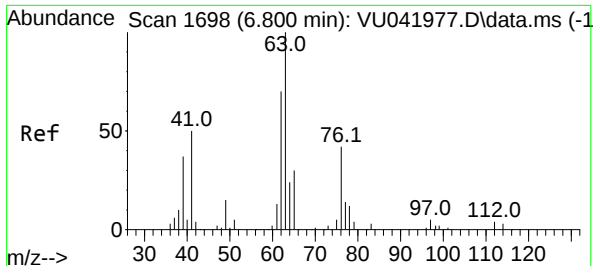


#35

Methylcyclohexane  
Concen: 0.75 ug/L  
RT: 6.703 min Scan# 1668  
Delta R.T. -0.068 min  
Lab File: VU041995.D  
Acq: 13 Jan 2021 21:05

Tgt Ion: 83 Resp: 12027  
Ion Ratio Lower Upper  
83 100  
55 0.0 66.8 100.2#  
98 0.5 35.7 53.5#



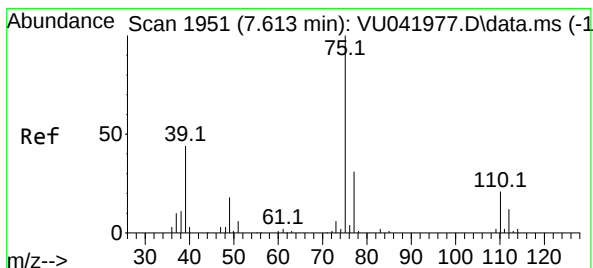
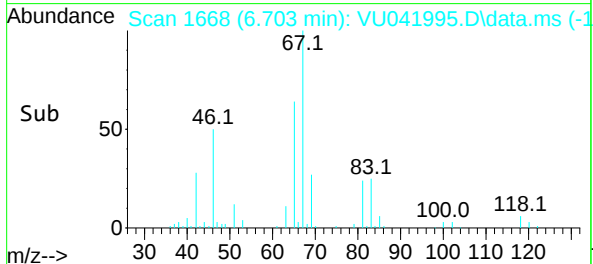
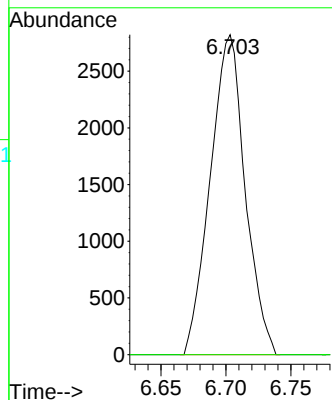
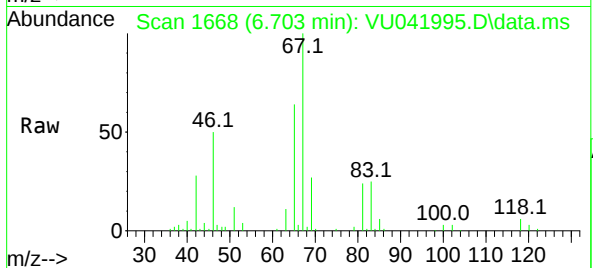


#37

1,2-Dichloropropane  
Concen: 0.50 ug/L  
RT: 6.703 min Scan# 1668  
Delta R.T. -0.097 min  
Lab File: VU041995.D  
Acq: 13 Jan 2021 21:05

Instrument :  
MSVOA\_U  
ClientSampled :

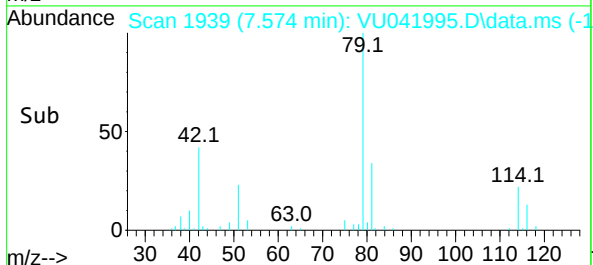
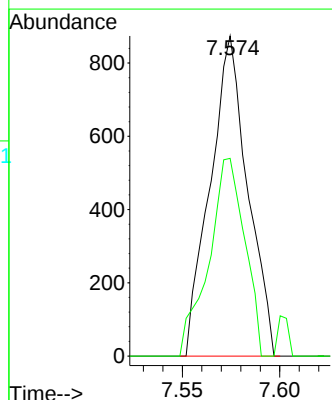
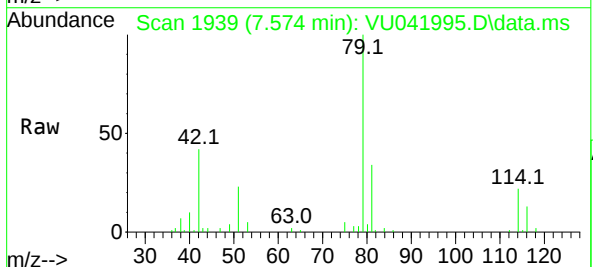
Tgt Ion: 63 Resp: 5269  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.7 4.1#

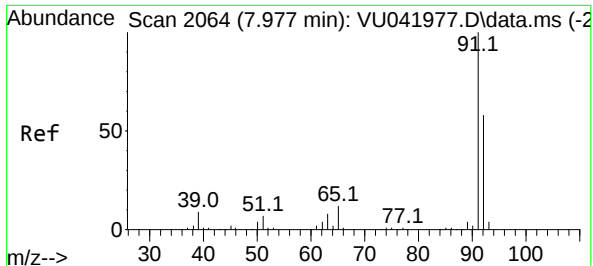


#39

cis-1,3-Dichloropropene  
Concen: 0.07 ug/L  
RT: 7.574 min Scan# 1939  
Delta R.T. -0.039 min  
Lab File: VU041995.D  
Acq: 13 Jan 2021 21:05

Tgt Ion: 75 Resp: 1168  
Ion Ratio Lower Upper  
75 100  
77 61.8 21.9 40.7#





#42

Toluene

Concen: 0.04 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU041995.D

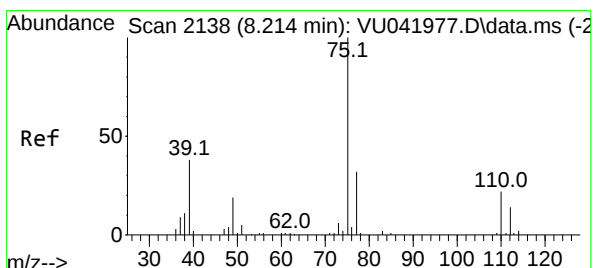
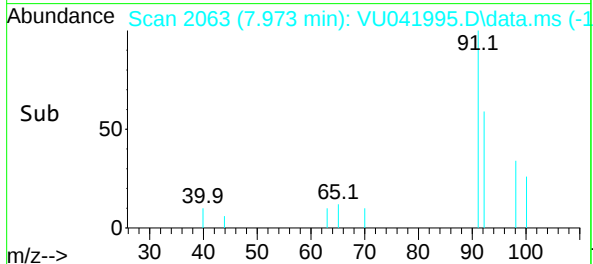
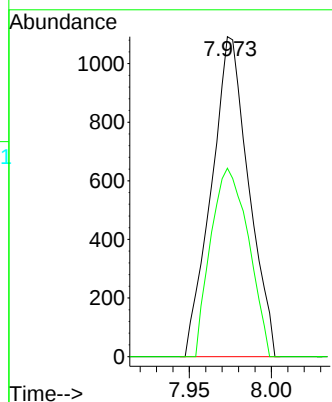
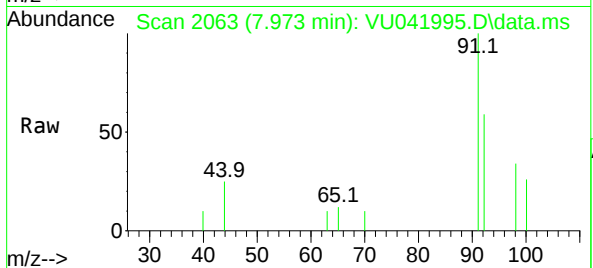
Acq: 13 Jan 2021 21:05

Tgt Ion: 91 Resp: 1723

Ion Ratio Lower Upper

91 100

92 58.9 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 0.07 ug/L

RT: 8.185 min Scan# 2129

Delta R.T. -0.029 min

Lab File: VU041995.D

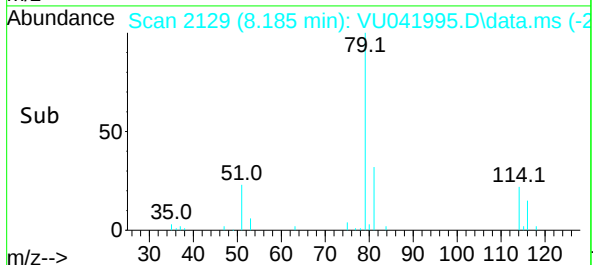
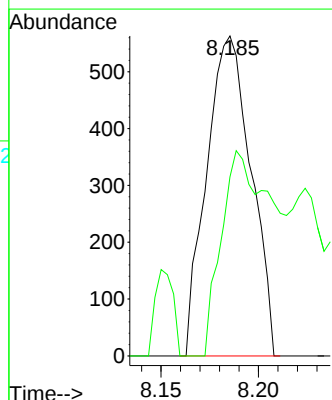
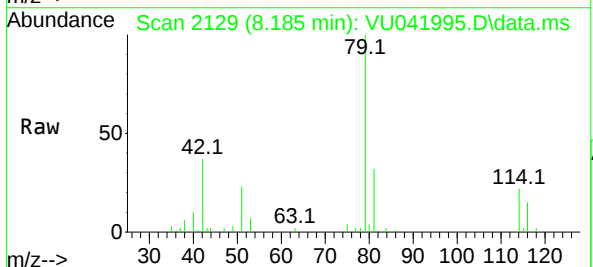
Acq: 13 Jan 2021 21:05

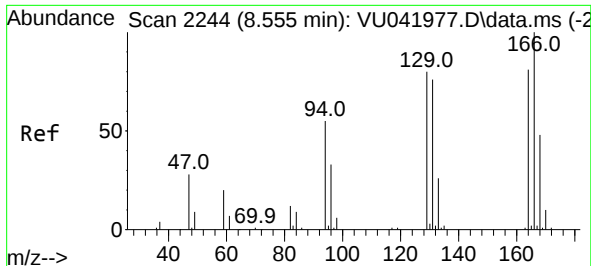
Tgt Ion: 75 Resp: 893

Ion Ratio Lower Upper

75 100

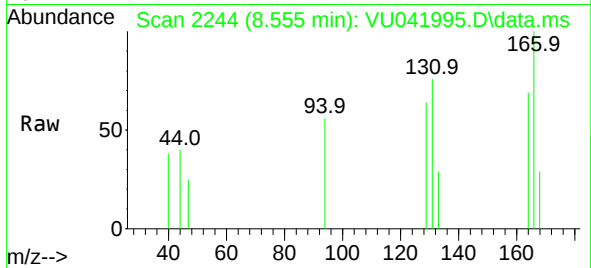
77 56.0 22.0 41.0#



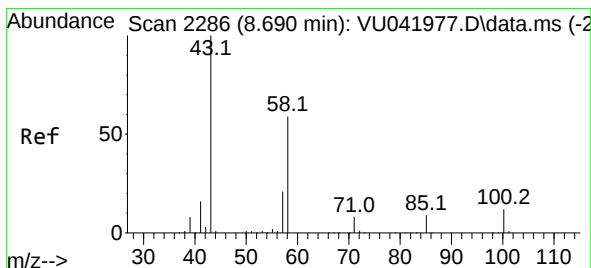
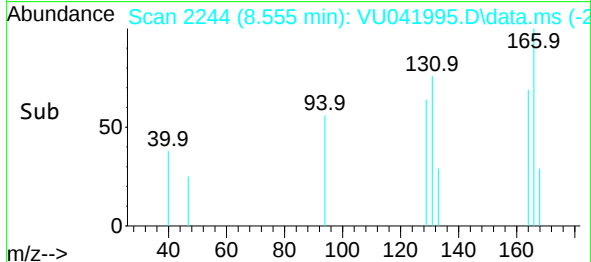
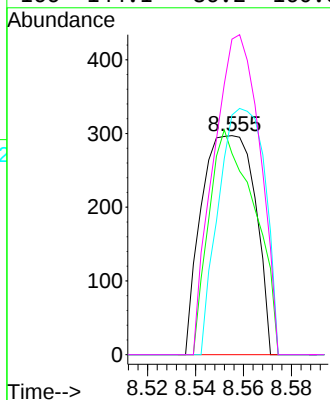


#47  
Tetrachloroethene  
Concen: 0.07 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. -0.000 min  
Lab File: VU041995.D  
Acq: 13 Jan 2021 21:05

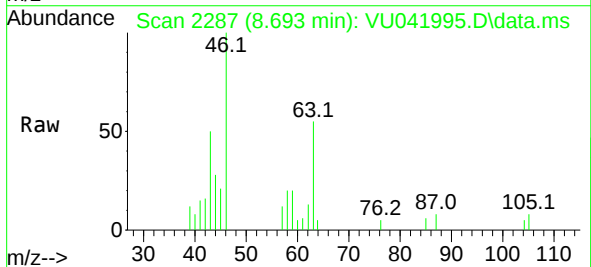
Instrument :  
MSVOA\_U  
ClientSampleId :



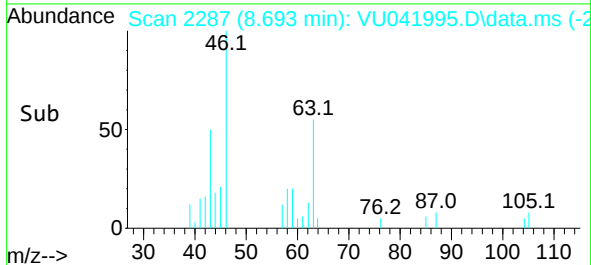
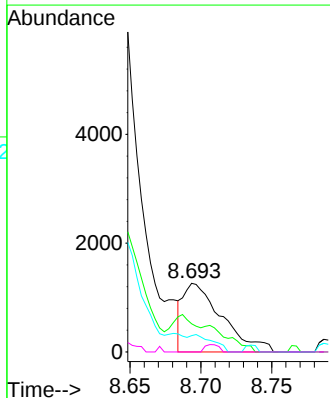
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 460   |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 91.9  | 68.7  | 127.5 |
| 131      | 109.4 | 65.2  | 121.0 |
| 166      | 144.1 | 86.2  | 160.0 |

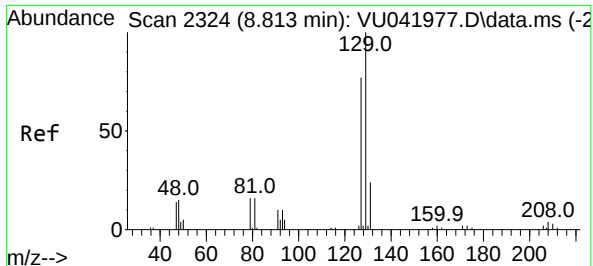


#48  
2-Hexanone  
Concen: 0.49 ug/L  
RT: 8.693 min Scan# 2287  
Delta R.T. 0.003 min  
Lab File: VU041995.D  
Acq: 13 Jan 2021 21:05



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2406  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 12.6  | 47.8  | 71.8# |
| 57       | 6.1   | 17.4  | 26.0# |
| 100      | 3.8   | 9.5   | 14.3# |





#49

Dibromochloromethane

Concen: 0.05 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.261 min

Lab File: VU041995.D

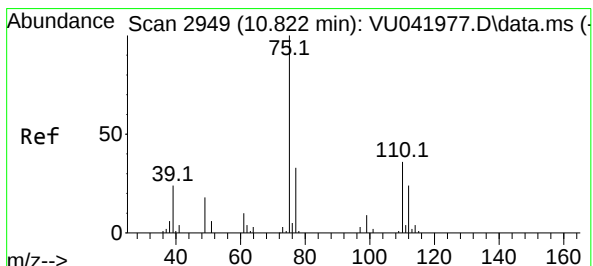
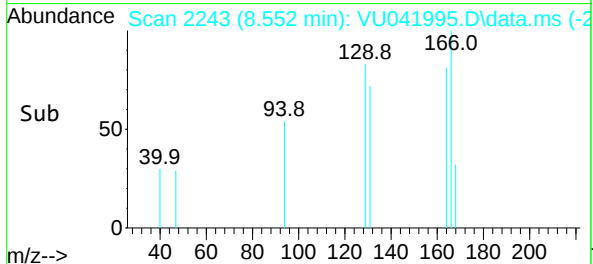
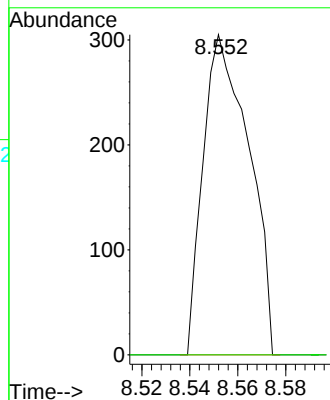
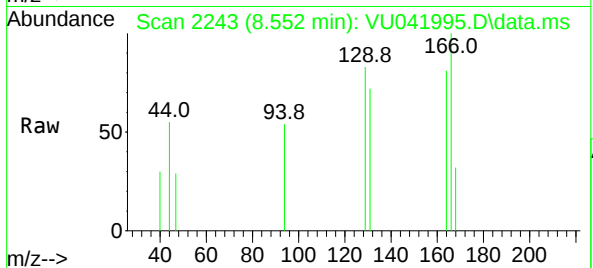
Acq: 13 Jan 2021 21:05

Tgt Ion: 129 Resp: 404

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



#59

1,2,3-Trichloropropane

Concen: 0.70 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU041995.D

Acq: 13 Jan 2021 21:05

Tgt Ion: 75 Resp: 4857

Ion Ratio Lower Upper

75 100

77 39.2 25.6 38.4#

