

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042721\  
 Data File : VU043350.D  
 Acq On : 27 Apr 2021 13:39  
 Operator : SY/MD  
 Sample : M2124-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 27 23:49:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 27 23:46:47 2021  
 Response via : Initial Calibration

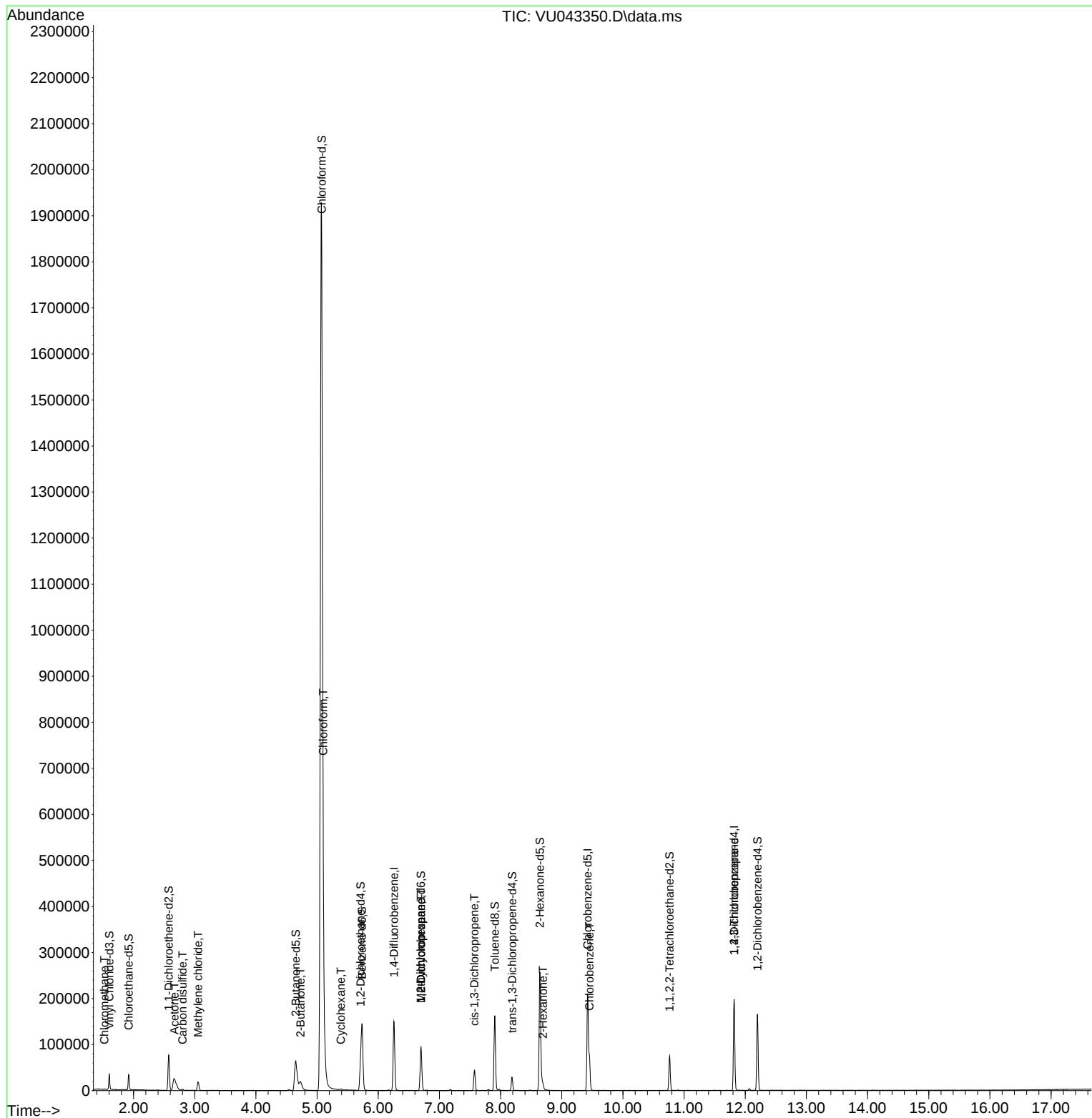
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 109504   | 5.00     | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 106866   | 5.00     | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 49068    | 5.00     | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 22782    | 4.09     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 81.80%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 21962    | 4.19     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 83.80%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 15065    | 4.67     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 93.40%   |
| 20) 2-Butanone-d5             | 4.652  | 46    | 131836   | 53.98    | ug/L  | -0.01    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 107.96%  |
| 24) Chloroform-d              | 5.076  | 84    | 65621    | 4.63     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 92.60%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 42316    | 4.42     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 88.40%   |
| 32) Benzene-d6                | 5.735  | 84    | 118538   | 4.76     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 95.20%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 39914    | 4.84     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 96.80%   |
| 41) Toluene-d8                | 7.906  | 98    | 99027    | 3.83     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 76.60%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 14800    | 4.06     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 81.20%   |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 76603    | 42.15    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 84.30%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84    | 33881    | 4.67     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 93.40%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 39152    | 4.65     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 93.00%   |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 3) Chloromethane              | 1.523  | 50    | 911      | 0.13     | ug/L  | # 77     |
| 13) Acetone                   | 2.668  | 43    | 61306    | 34.16    | ug/L  | 98       |
| 14) Carbon disulfide          | 2.800  | 76    | 3536     | 0.23     | ug/L  | 97       |
| 16) Methylene chloride        | 3.054  | 84    | 8354     | 1.06     | ug/L  | 76       |
| 21) 2-Butanone                | 4.729  | 43    | 33790    | 11.41    | ug/L  | # 59     |
| 25) Chloroform                | 5.099  | 83    | 3943     | 0.26     | ug/L  | 88       |
| 30) Cyclohexane               | 5.391  | 56    | 620      | 0.05     | ug/L  | # 93     |
| 35) Methylcyclohexane         | 6.700  | 83    | 9359     | 0.86     | ug/L  | # 19     |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 4985     | 0.62     | ug/L  | # 88     |
| 39) cis-1,3-Dichloropropene   | 7.571  | 75    | 1039     | 0.09     | ug/L  | # 51     |
| 48) 2-Hexanone                | 8.694  | 43    | 5977     | 1.13     | ug/L  | # 80     |
| 51) Chlorobenzene             | 9.452  | 112   | 32699    | 1.61     | ug/L  | 94       |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75    | 6086     | 1.20     | ug/L  | # 62     |
| -----                         |        |       |          |          |       |          |

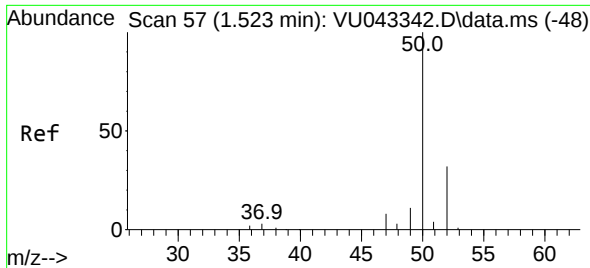
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042721\  
Data File : VU043350.D  
Acq On : 27 Apr 2021 13:39  
Operator : SY/MD  
Sample : M2124-01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Apr 27 23:49:16 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Apr 27 23:46:47 2021  
Response via : Initial Calibration

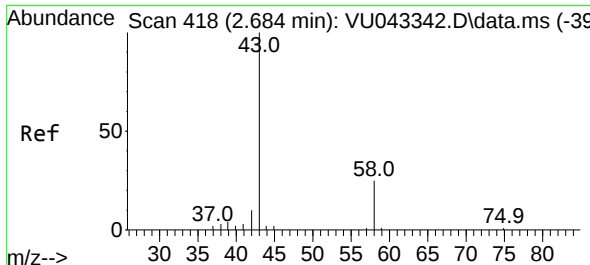
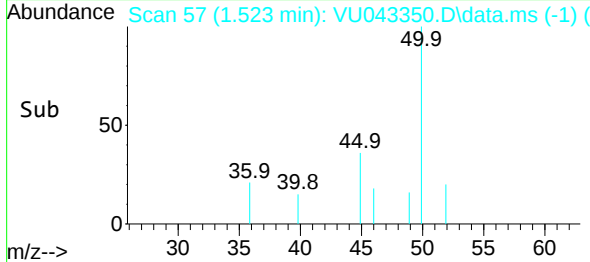
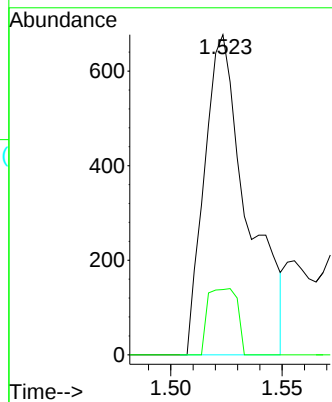
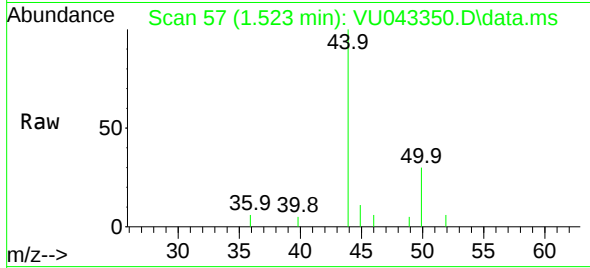




#3  
Chloromethane  
Concen: 0.13 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. -0.000 min  
Lab File: VU043350.D  
Acq: 27 Apr 2021 13:39

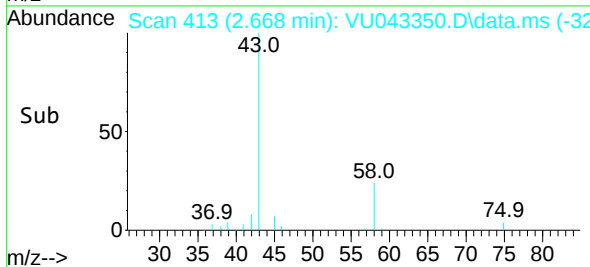
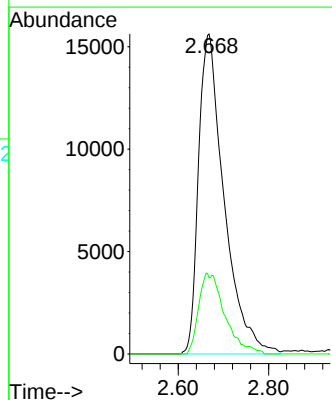
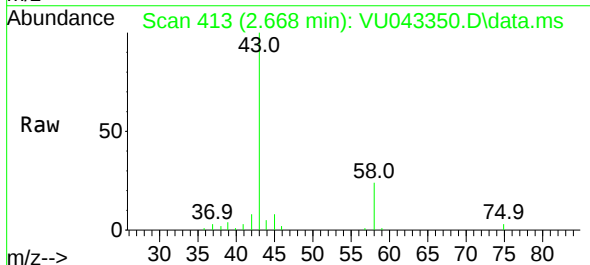
Instrument :  
MSVOA\_U  
ClientSampled :

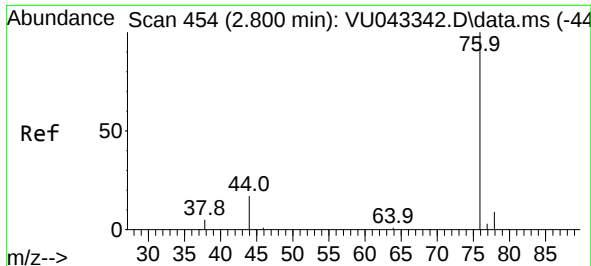
Tgt Ion: 50 Resp: 911  
Ion Ratio Lower Upper  
50 100  
52 20.4 23.6 43.8#



#13  
Acetone  
Concen: 34.16 ug/L  
RT: 2.668 min Scan# 413  
Delta R.T. -0.016 min  
Lab File: VU043350.D  
Acq: 27 Apr 2021 13:39

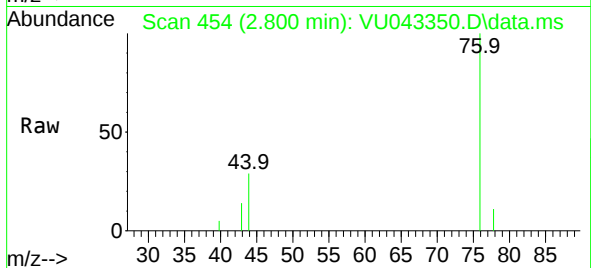
Tgt Ion: 43 Resp: 61306  
Ion Ratio Lower Upper  
43 100  
58 11.6 0.0 25.0



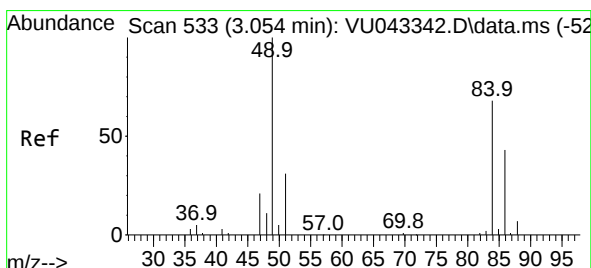
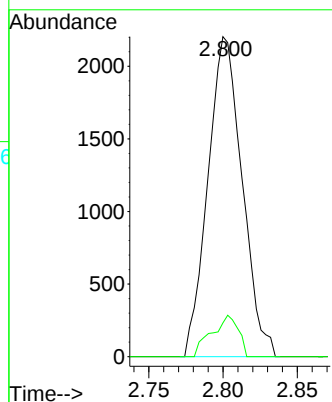
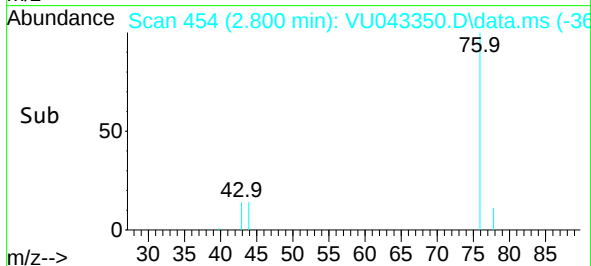


#14  
Carbon disulfide  
Concen: 0.23 ug/L  
RT: 2.800 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VU043350.D  
Acq: 27 Apr 2021 13:39

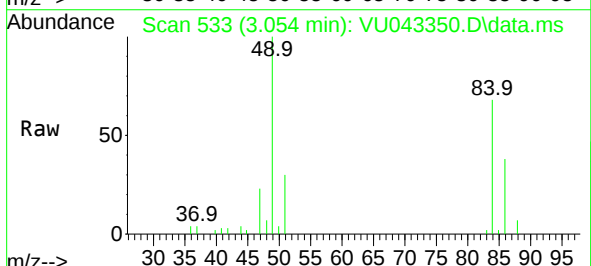
Instrument :  
MSVOA\_U  
ClientSampleId :



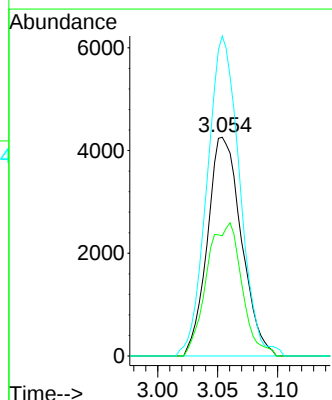
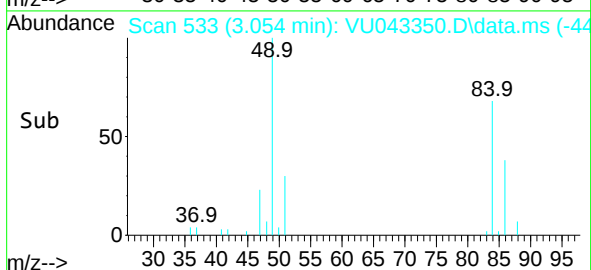
Tgt Ion: 76 Resp: 3536  
Ion Ratio Lower Upper  
76 100  
78 10.6 7.5 11.3

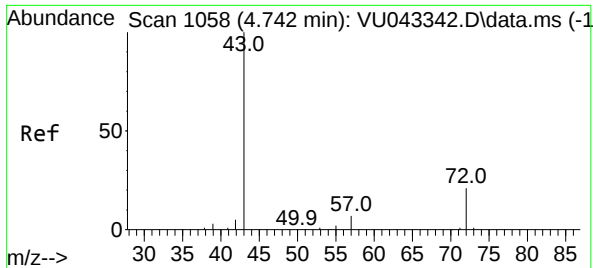


#16  
Methylene chloride  
Concen: 1.06 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU043350.D  
Acq: 27 Apr 2021 13:39



Tgt Ion: 84 Resp: 8354  
Ion Ratio Lower Upper  
84 100  
86 54.9 44.9 83.5  
49 146.3 79.0 146.8

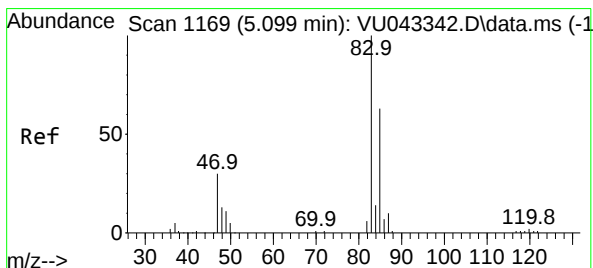
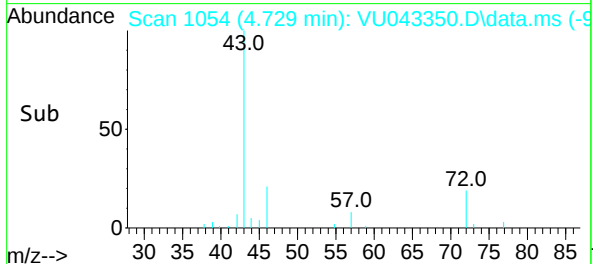
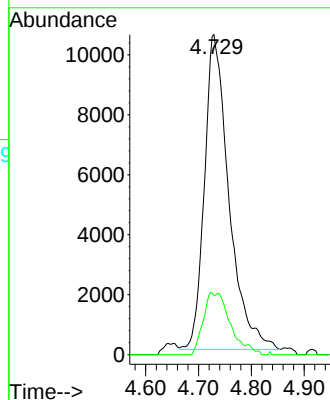
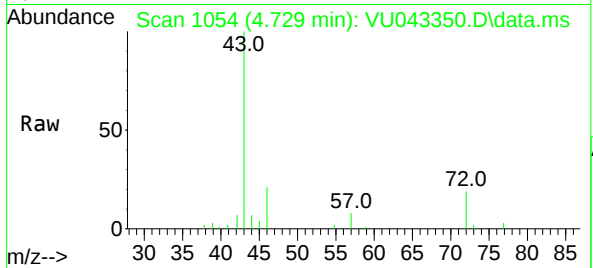




#21  
2-Butanone  
Concen: 11.41 ug/L  
RT: 4.729 min Scan# 1054  
Delta R.T. -0.013 min  
Lab File: VU043350.D  
Acq: 27 Apr 2021 13:39

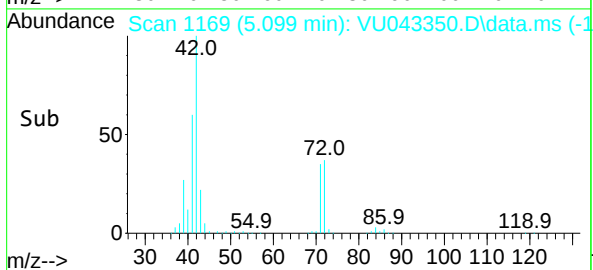
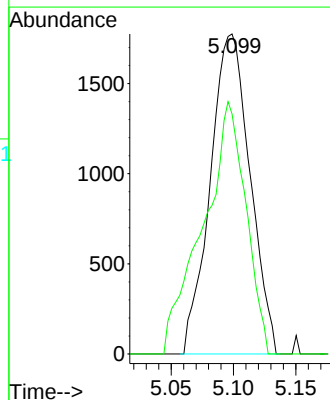
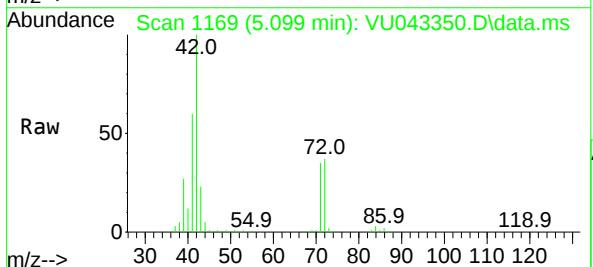
Instrument :  
MSVOA\_U  
ClientSampled :

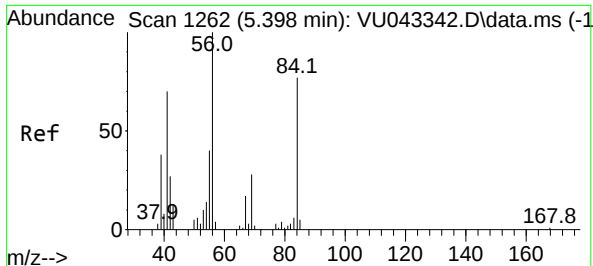
Tgt Ion: 43 Resp: 33790  
Ion Ratio Lower Upper  
43 100  
72 8.9 15.8 47.3#



#25  
Chloroform  
Concen: 0.26 ug/L  
RT: 5.099 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VU043350.D  
Acq: 27 Apr 2021 13:39

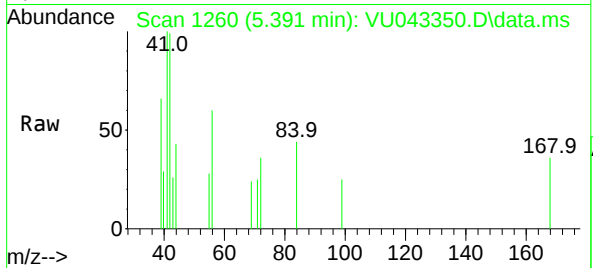
Tgt Ion: 83 Resp: 3943  
Ion Ratio Lower Upper  
83 100  
85 75.0 45.6 84.8



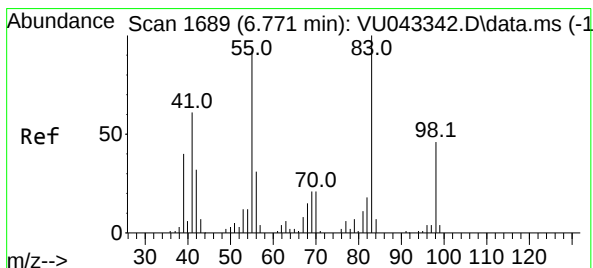
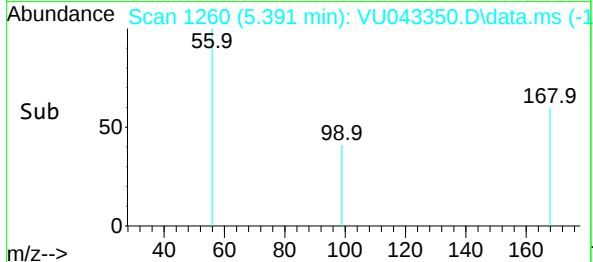
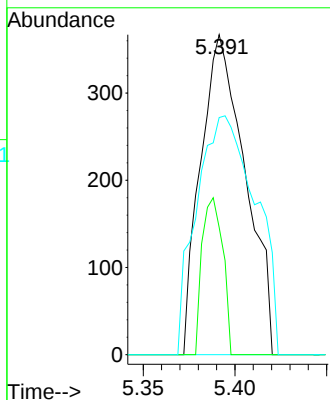


#30  
Cyclohexane  
Concen: 0.05 ug/L  
RT: 5.391 min Scan# 1260  
Delta R.T. -0.007 min  
Lab File: VU043350.D  
Acq: 27 Apr 2021 13:39

Instrument :  
MSVOA\_U  
ClientSampleId :

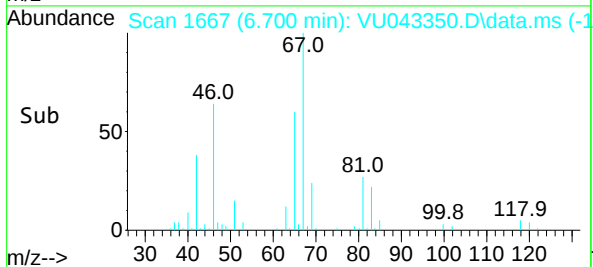
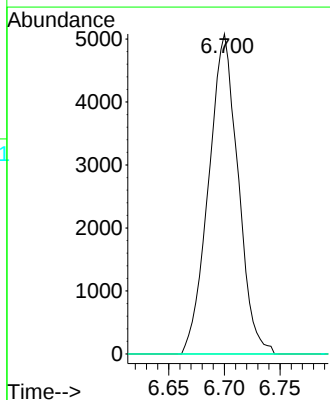
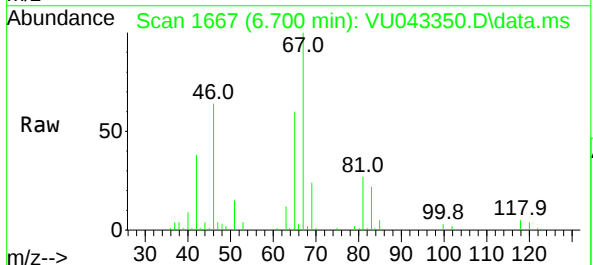


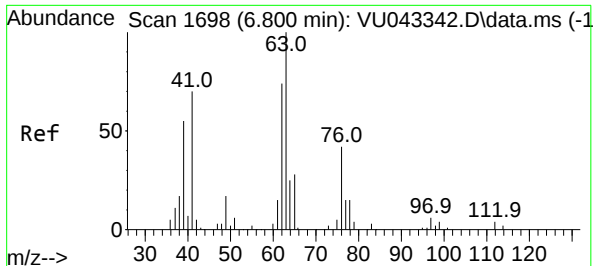
Tgt Ion: 56 Resp: 620  
Ion Ratio Lower Upper  
56 100  
69 22.7 25.2 37.8#  
84 98.9 76.2 114.4



#35  
Methylcyclohexane  
Concen: 0.86 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.071 min  
Lab File: VU043350.D  
Acq: 27 Apr 2021 13:39

Tgt Ion: 83 Resp: 9359  
Ion Ratio Lower Upper  
83 100  
55 0.0 59.5 89.3#  
98 0.0 37.9 56.9#

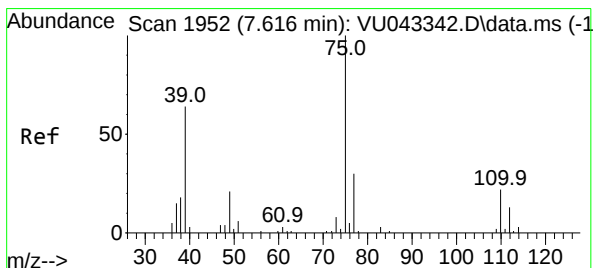
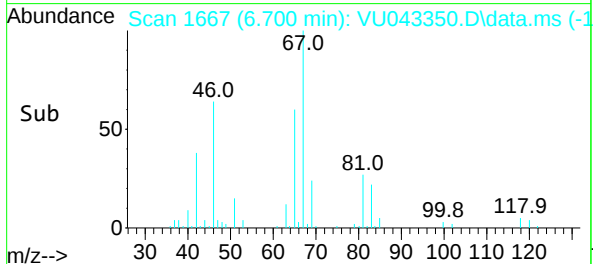
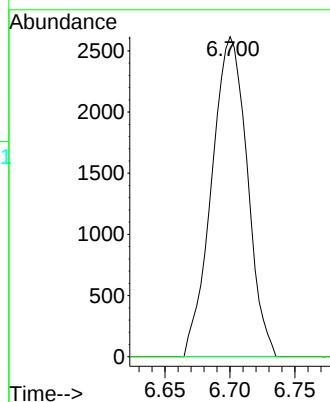
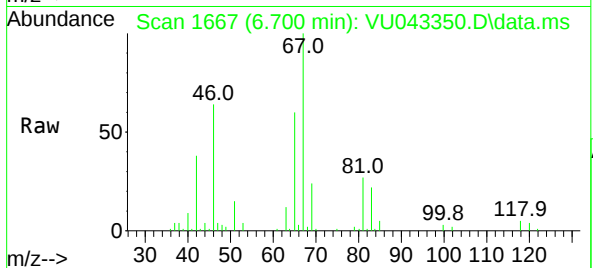




#37  
1,2-Dichloropropane  
Concen: 0.62 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.100 min  
Lab File: VU043350.D  
Acq: 27 Apr 2021 13:39

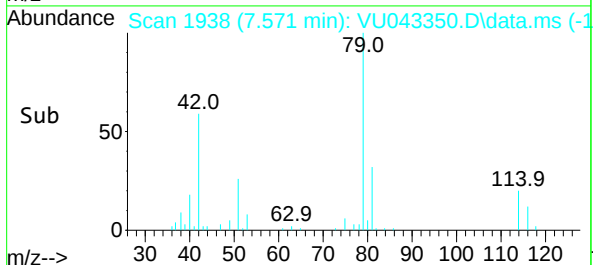
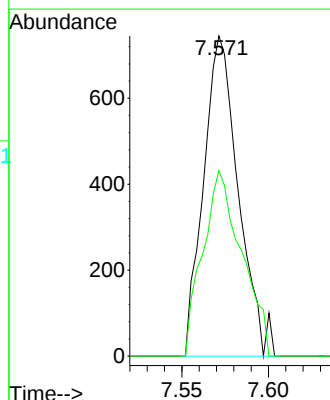
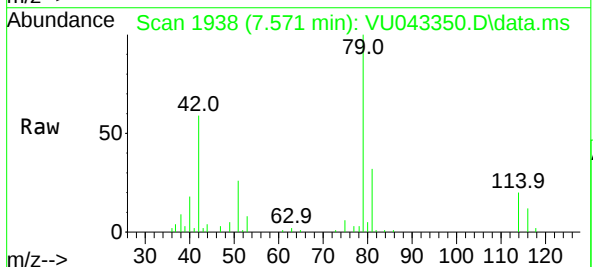
Instrument :  
MSVOA\_U  
ClientSampleId :

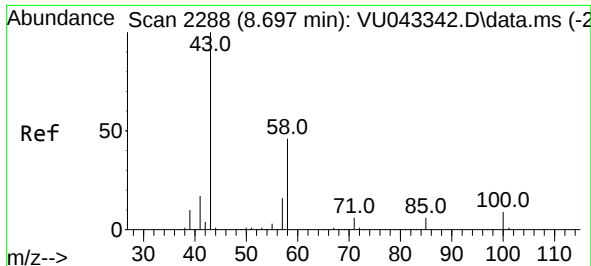
Tgt Ion: 63 Resp: 4985  
Ion Ratio Lower Upper  
63 100  
112 0.4 3.5 5.3#



#39  
cis-1,3-Dichloropropene  
Concen: 0.09 ug/L  
RT: 7.571 min Scan# 1938  
Delta R.T. -0.045 min  
Lab File: VU043350.D  
Acq: 27 Apr 2021 13:39

Tgt Ion: 75 Resp: 1039  
Ion Ratio Lower Upper  
75 100  
77 58.0 21.8 40.6#

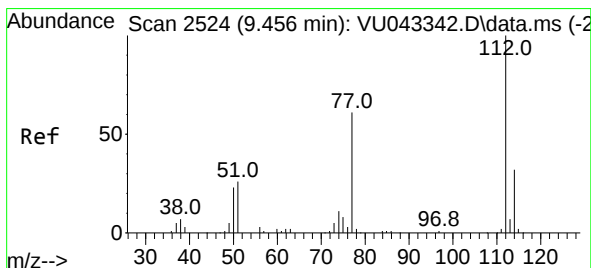
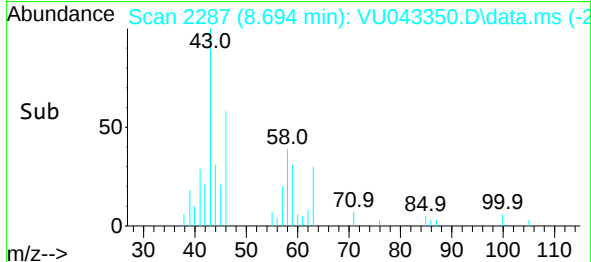
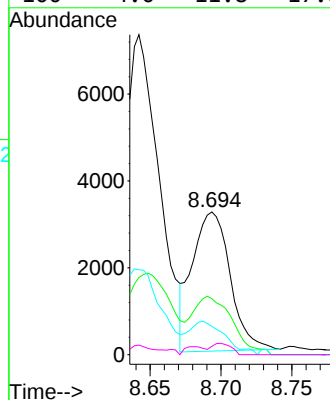
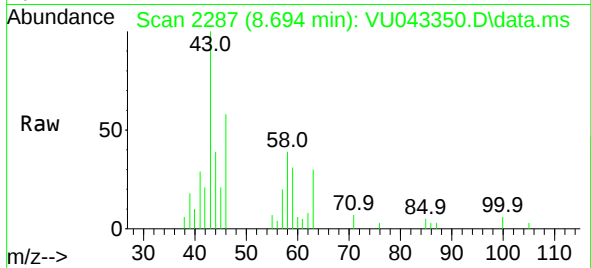




#48  
2-Hexanone  
Concen: 1.13 ug/L  
RT: 8.694 min Scan# 2287  
Delta R.T. -0.003 min  
Lab File: VU043350.D  
Acq: 27 Apr 2021 13:39

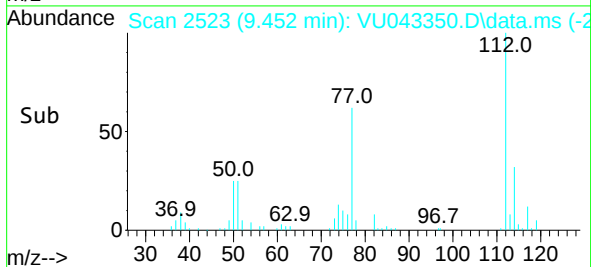
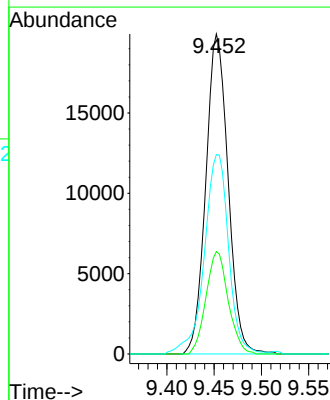
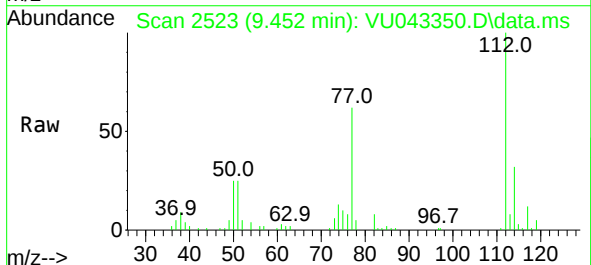
Instrument :  
MSVOA\_U  
ClientSampleId :

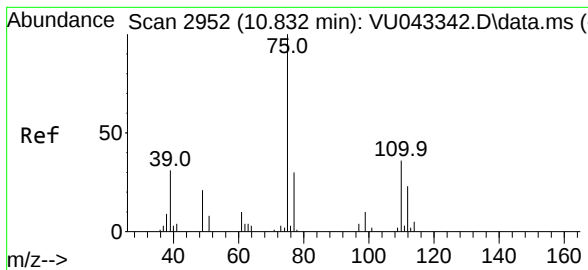
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|-------------|-------------|
| Tgt Ion: 43 | Resp: 5977  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 43.6     | 50.0 75.0#  |
| 57 23.1     | 17.4 26.0   |
| 100 4.0     | 11.8 17.8#  |



#51  
Chlorobenzene  
Concen: 1.61 ug/L  
RT: 9.452 min Scan# 2523  
Delta R.T. -0.003 min  
Lab File: VU043350.D  
Acq: 27 Apr 2021 13:39

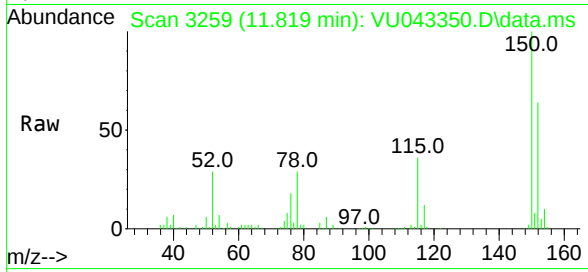
|              |             |
|--------------|-------------|
| Tgt Ion: 112 | Resp: 32699 |
| Ion Ratio    | Lower Upper |
| 112 100      |             |
| 114 32.0     | 21.9 40.7   |
| 77 62.3      | 45.1 67.7   |





#61  
 1,2,3-Trichloropropane  
 Concen: 1.20 ug/L  
 RT: 11.819 min Scan# 3259  
 Delta R.T. 0.987 min  
 Lab File: VU043350.D  
 Acq: 27 Apr 2021 13:39

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 6086  
 Ion Ratio Lower Upper  
 75 100  
 110 1.9 31.5 47.3#  
 77 38.9 26.3 39.5

