

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052121\  
 Data File : VU043887.D  
 Acq On : 21 May 2021 14:22  
 Operator : SY/MD  
 Sample : M2475-14  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB411

Quant Time: May 22 00:53:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat May 22 00:45:10 2021  
 Response via : Initial Calibration

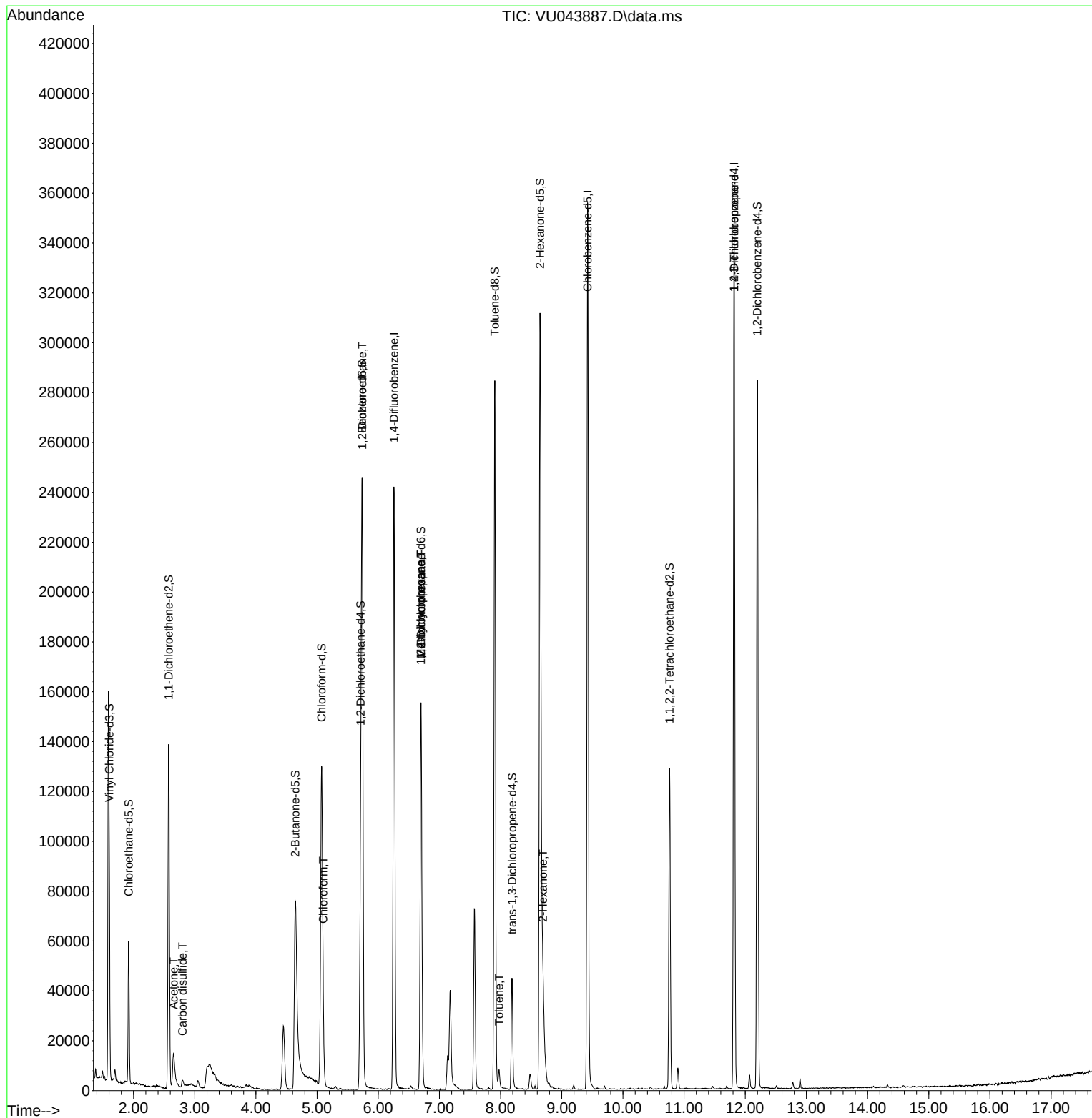
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 203260   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 209770   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 97503    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 54300    | 3.62     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 72.40%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 41722    | 3.99     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 79.80%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 25801    | 4.15     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 83.00%   |
| 20) 2-Butanone-d5             | 4.645  | 46    | 137633   | 48.30    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 96.60%   |
| 24) Chloroform-d              | 5.073  | 84    | 120513   | 4.95     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.00%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 61278    | 4.91     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.20%   |
| 32) Benzene-d6                | 5.735  | 84    | 235635   | 4.42     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.40%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 77279    | 4.55     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.00%   |
| 41) Toluene-d8                | 7.906  | 98    | 196368   | 3.99     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 79.80%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 27048    | 4.29     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 85.80%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 138076   | 48.64    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 97.28%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 67649    | 4.86     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.20%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 80596    | 4.96     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.20%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 2.655  | 43    | 25506    | 14.10    | ug/L   | 95       |
| 14) Carbon disulfide          | 2.800  | 76    | 3480     | 0.08     | ug/L   | 98       |
| 25) Chloroform                | 5.099  | 83    | 17546    | 0.70     | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.739  | 62    | 1171     | 0.08     | ug/L # | 74       |
| 35) Methylcyclohexane         | 6.700  | 83    | 17938    | 0.74     | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.697  | 63    | 7523     | 0.47     | ug/L # | 88       |
| 42) Toluene                   | 7.976  | 91    | 4837     | 0.08     | ug/L   | 95       |
| 48) 2-Hexanone                | 8.693  | 43    | 7523     | 1.00     | ug/L # | 87       |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75    | 10339    | 1.11     | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

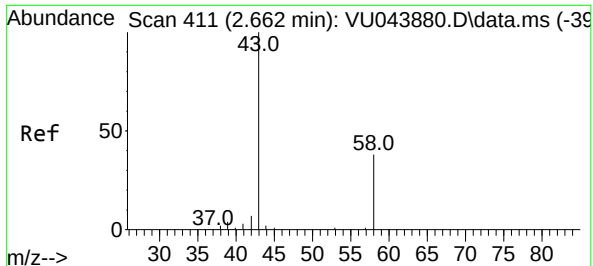
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052121\  
Data File : VU043887.D  
Acq On : 21 May 2021 14:22  
Operator : SY/MD  
Sample : M2475-14  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GB411

Quant Time: May 22 00:53:16 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051521WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat May 22 00:45:10 2021  
Response via : Initial Calibration

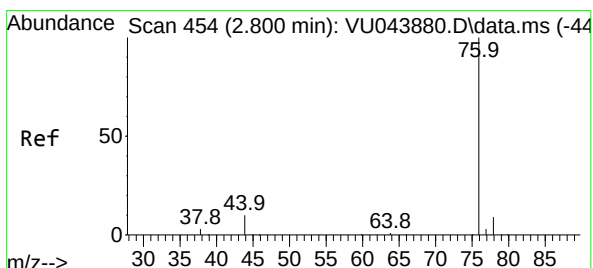
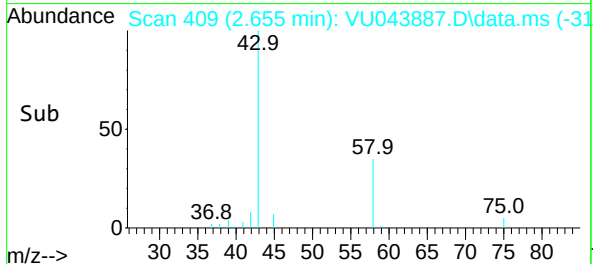
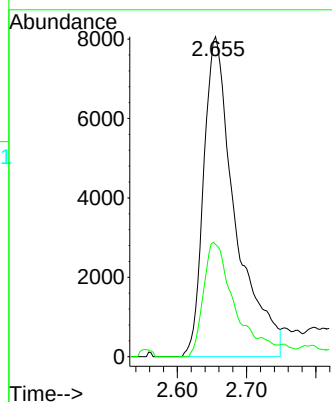
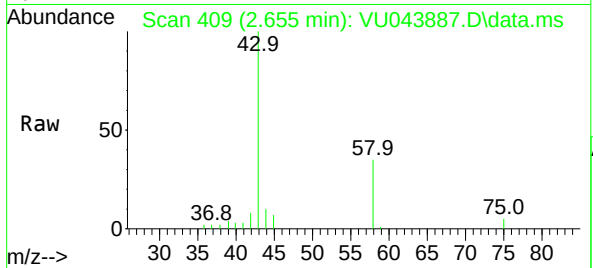




#13  
Acetone  
Concen: 14.10 ug/L  
RT: 2.655 min Scan# 409  
Delta R.T. -0.006 min  
Lab File: VU043887.D  
Acq: 21 May 2021 14:22

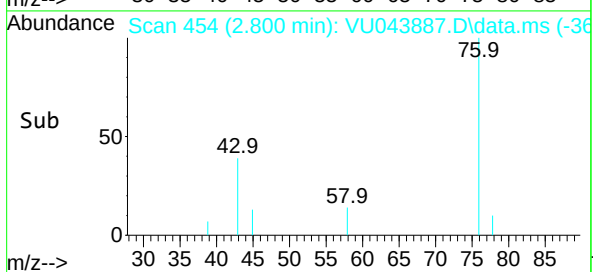
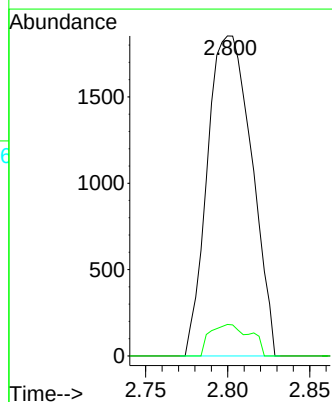
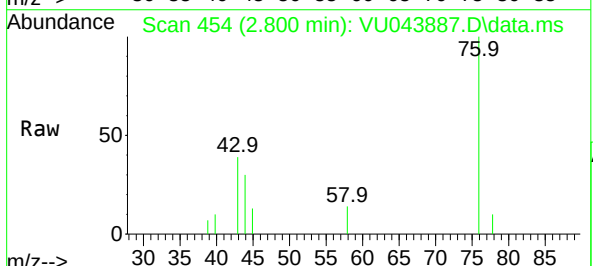
Instrument :  
MSVOA\_U  
ClientSampled :  
GB411

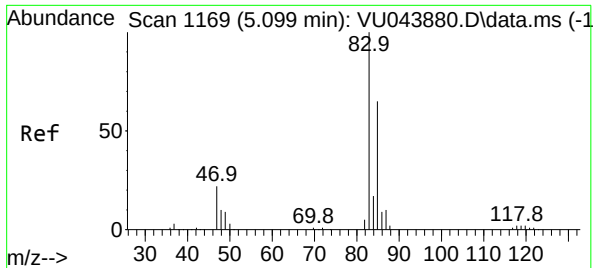
Tgt Ion: 43 Resp: 25506  
Ion Ratio Lower Upper  
43 100  
58 33.1 0.0 71.6



#14  
Carbon disulfide  
Concen: 0.08 ug/L  
RT: 2.800 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VU043887.D  
Acq: 21 May 2021 14:22

Tgt Ion: 76 Resp: 3480  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.2 10.8

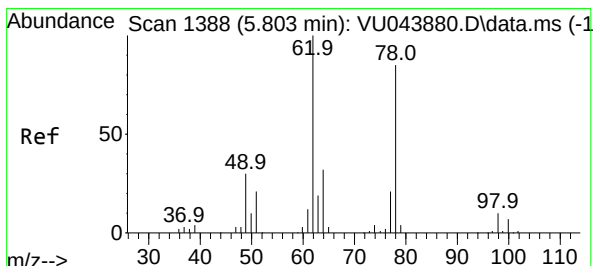
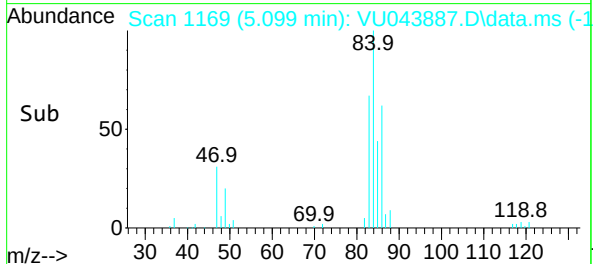
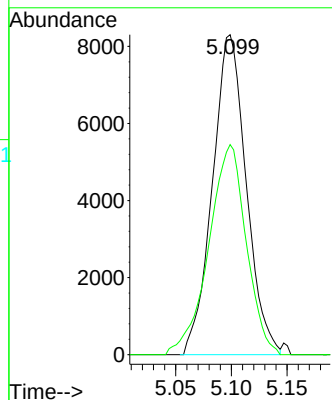
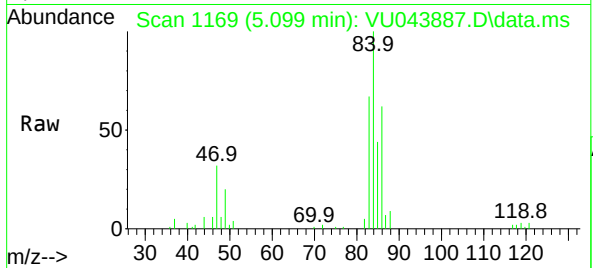




#25  
Chloroform  
Concen: 0.70 ug/L  
RT: 5.099 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VU043887.D  
Acq: 21 May 2021 14:22

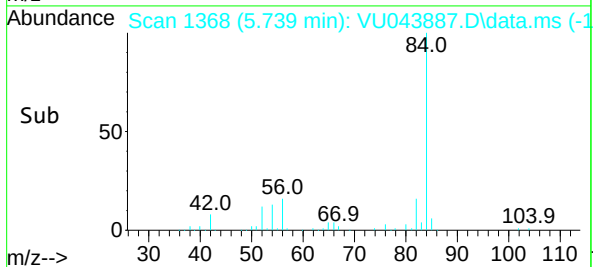
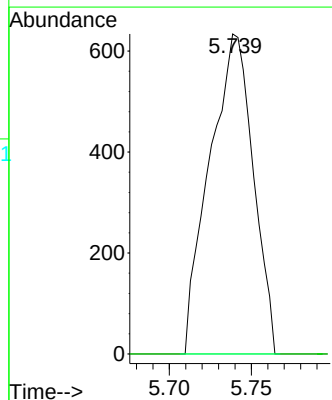
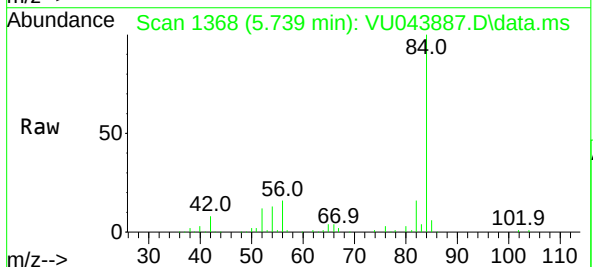
Instrument :  
MSVOA\_U  
ClientSampled :  
GB411

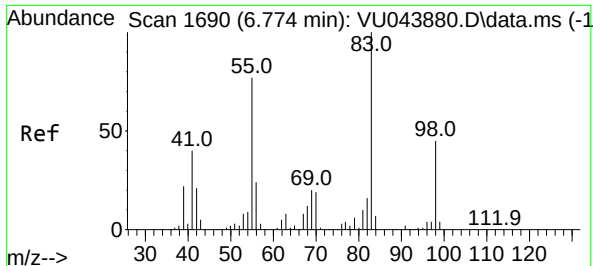
Tgt Ion: 83 Resp: 17546  
Ion Ratio Lower Upper  
83 100  
85 65.6 45.0 83.6



#27  
1,2-Dichloroethane  
Concen: 0.08 ug/L  
RT: 5.739 min Scan# 1368  
Delta R.T. -0.064 min  
Lab File: VU043887.D  
Acq: 21 May 2021 14:22

Tgt Ion: 62 Resp: 1171  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.7 11.5#

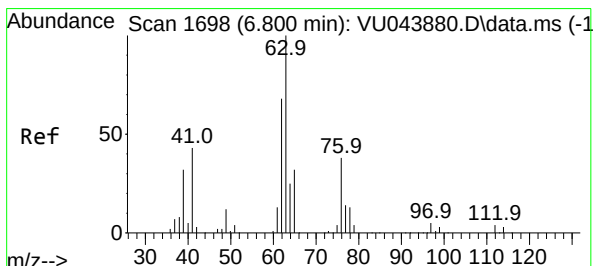
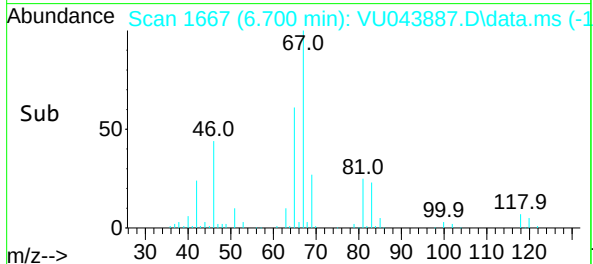
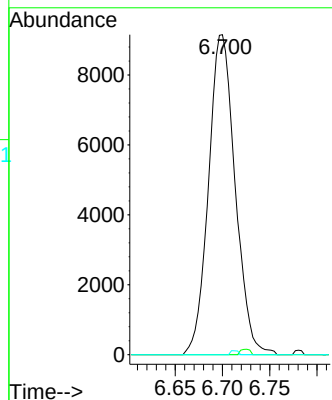
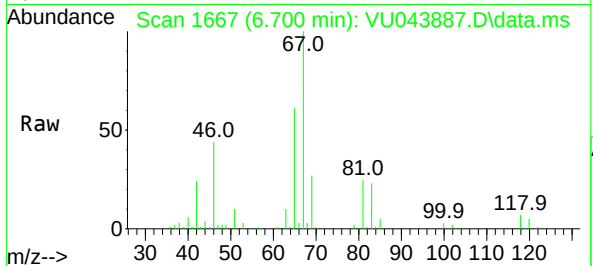




#35  
Methylcyclohexane  
Concen: 0.74 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.074 min  
Lab File: VU043887.D  
Acq: 21 May 2021 14:22

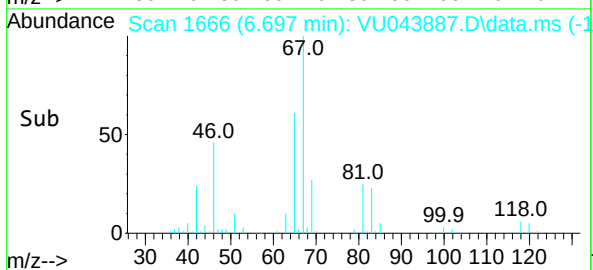
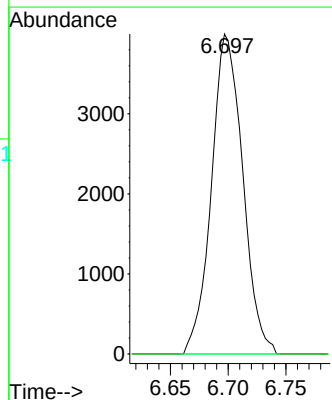
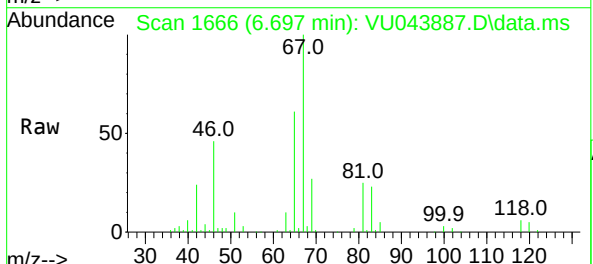
Instrument :  
MSVOA\_U  
ClientSampleId :  
GB411

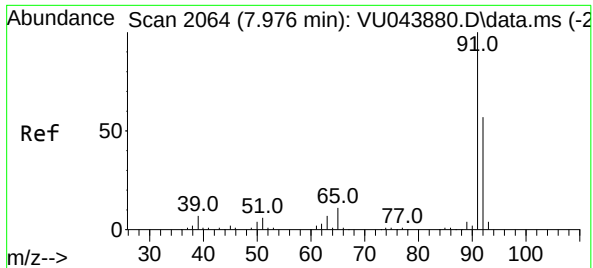
Tgt Ion: 83 Resp: 17938  
Ion Ratio Lower Upper  
83 100  
55 0.6 64.8 97.2#  
98 0.4 35.9 53.9#



#37  
1,2-Dichloropropane  
Concen: 0.47 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.103 min  
Lab File: VU043887.D  
Acq: 21 May 2021 14:22

Tgt Ion: 63 Resp: 7523  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#

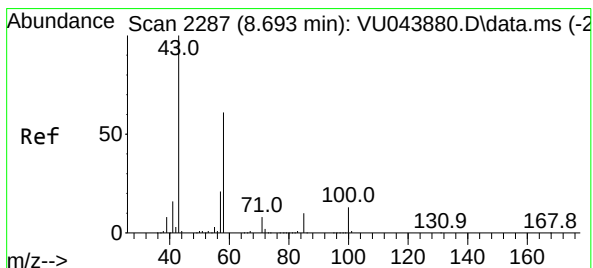
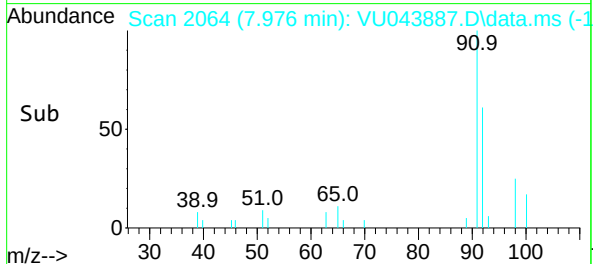
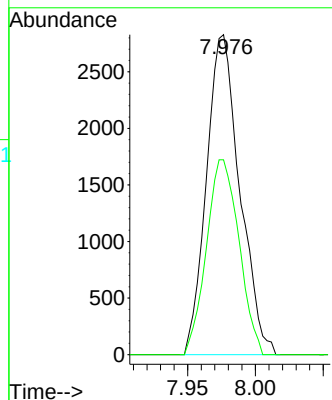
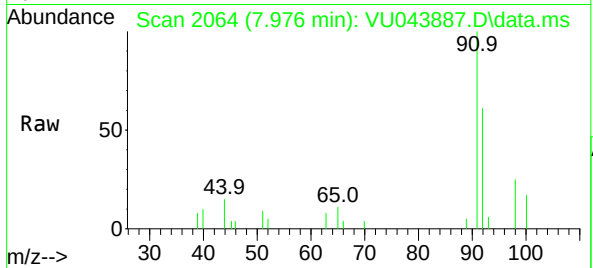




#42  
Toluene  
Concen: 0.08 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU043887.D  
Acq: 21 May 2021 14:22

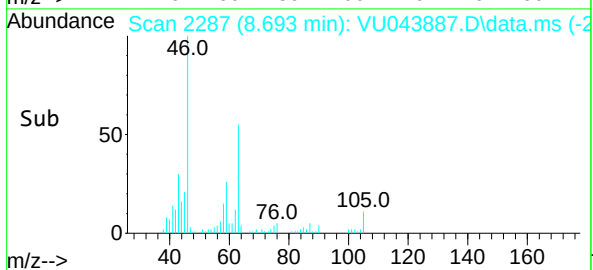
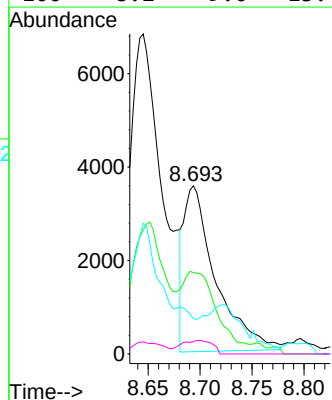
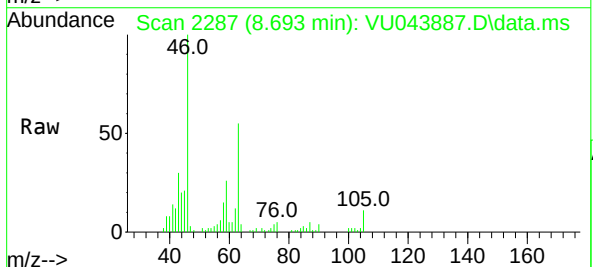
Instrument :  
MSVOA\_U  
ClientSampled :  
GB411

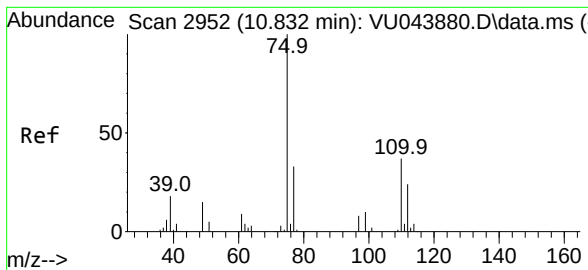
Tgt Ion: 91 Resp: 4837  
Ion Ratio Lower Upper  
91 100  
92 60.9 40.3 74.8



#48  
2-Hexanone  
Concen: 1.00 ug/L  
RT: 8.693 min Scan# 2287  
Delta R.T. -0.000 min  
Lab File: VU043887.D  
Acq: 21 May 2021 14:22

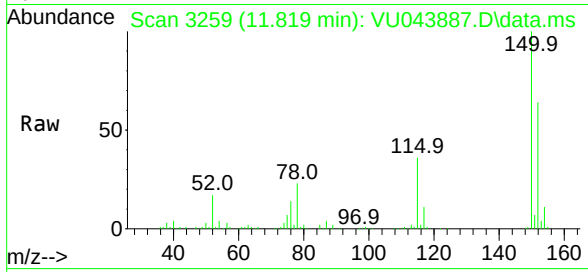
Tgt Ion: 43 Resp: 7523  
Ion Ratio Lower Upper  
43 100  
58 47.9 47.0 70.4  
57 24.7 15.8 23.8#  
100 8.2 9.0 13.4#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.11 ug/L  
 RT: 11.819 min Scan# 3259  
 Delta R.T. 0.987 min  
 Lab File: VU043887.D  
 Acq: 21 May 2021 14:22

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB411



Tgt Ion: 75 Resp: 10339  
 Ion Ratio Lower Upper  
 75 100  
 110 1.8 27.9 41.9#  
 77 33.2 25.9 38.9

