

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021021\  
 Data File : VU042306.D  
 Acq On : 10 Feb 2021 15:37  
 Operator : SY/MD  
 Sample : M1372-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Feb 11 00:32:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR012021WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Feb 11 00:32:01 2021  
 Response via : Initial Calibration

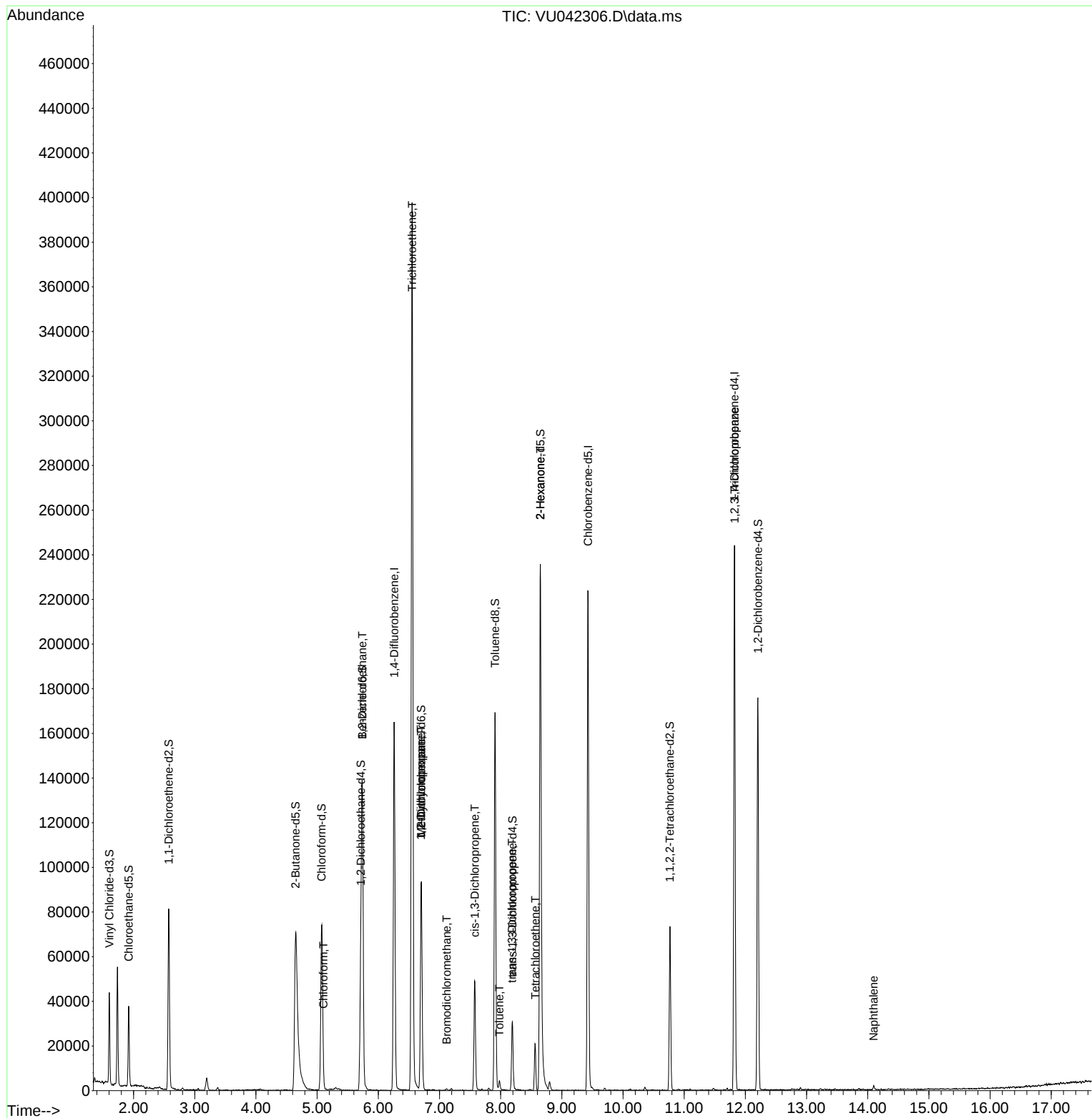
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.259  | 114   | 126143   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.426  | 117   | 118642   | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.822 | 152   | 61901    | 5.00     | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 27497    | 3.38     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 67.60%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 24401    | 3.72     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 74.40%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 49766    | 2.78     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 55.60%#  |
| 20) 2-Butanone-d5             | 4.649  | 46    | 128733   | 43.36    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 86.72%   |
| 24) Chloroform-d              | 5.073  | 84    | 67127    | 3.95     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 79.00%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 41778    | 4.11     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.20%   |
| 32) Benzene-d6                | 5.739  | 84    | 120222   | 3.88     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 77.60%   |
| 36) 1,2-Dichloropropane-d6    | 6.703  | 67    | 40803    | 4.08     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 81.60%   |
| 41) Toluene-d8                | 7.909  | 98    | 108503   | 3.71     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 74.20%   |
| 43) trans-1,3-Dichloroprop... | 8.192  | 79    | 17061    | 3.37     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 67.40%   |
| 46) 2-Hexanone-d5             | 8.648  | 63    | 90325    | 40.96    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 81.92%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.767 | 84    | 34166    | 3.99     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 79.80%   |
| 64) 1,2-Dichlorobenzene-d4    | 12.204 | 152   | 45073    | 4.05     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 81.00%   |
| Target Compounds              |        |       |          |          |        |          |
| 25) Chloroform                | 5.102  | 83    | 976      | 0.06     | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 5.739  | 62    | 809      | 0.07     | ug/L # | 75       |
| 34) Trichloroethene           | 6.552  | 95    | 131488   | 13.97    | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.703  | 83    | 9833     | 0.62     | ug/L # | 14       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 5127     | 0.56     | ug/L # | 87       |
| 38) Bromodichloromethane      | 7.118  | 83    | 533      | 0.04     | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.578  | 75    | 1340     | 0.09     | ug/L   | 84       |
| 42) Toluene                   | 7.980  | 91    | 2937     | 0.08     | ug/L   | 91       |
| 44) trans-1,3-Dichloropropene | 8.185  | 75    | 756      | 0.05     | ug/L # | 60       |
| 47) Tetrachloroethene         | 8.565  | 164   | 4351     | 0.56     | ug/L   | 93       |
| 48) 2-Hexanone                | 8.648  | 43    | 12103    | 2.21     | ug/L # | 68       |
| 59) 1,2,3-Trichloropropane    | 11.825 | 75    | 7724     | 1.19     | ug/L   | 96       |
| 69) Naphthalene               | 14.098 | 128   | 2017     | 0.11     | ug/L # | 90       |

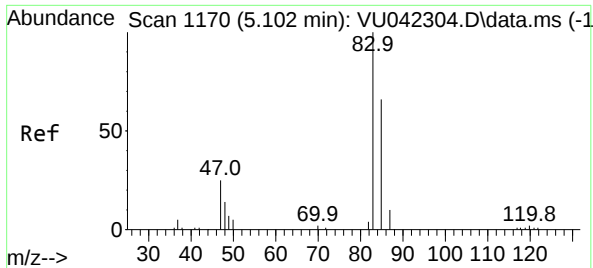
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021021\  
Data File : VU042306.D  
Acq On : 10 Feb 2021 15:37  
Operator : SY/MD  
Sample : M1372-01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Feb 11 00:32:50 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR012021WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Feb 11 00:32:01 2021  
Response via : Initial Calibration





#25

Chloroform

Concen: 0.06 ug/L

RT: 5.102 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VU042306.D

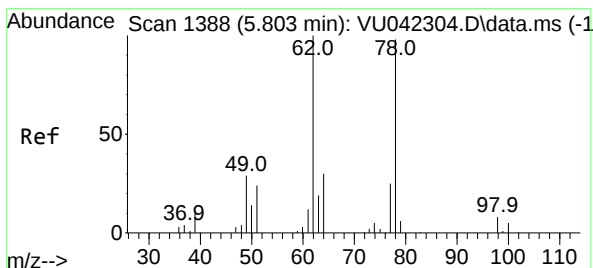
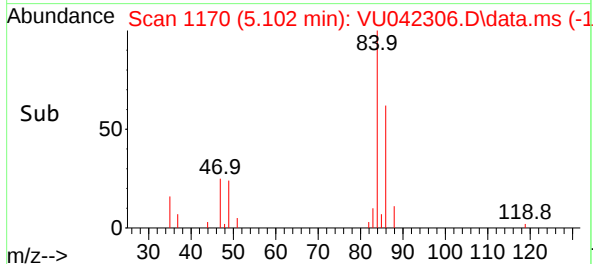
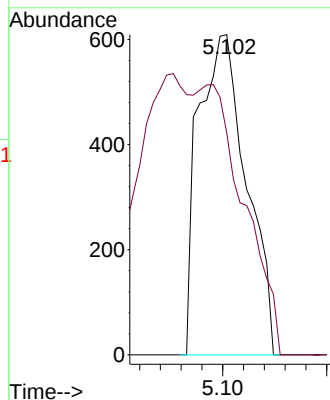
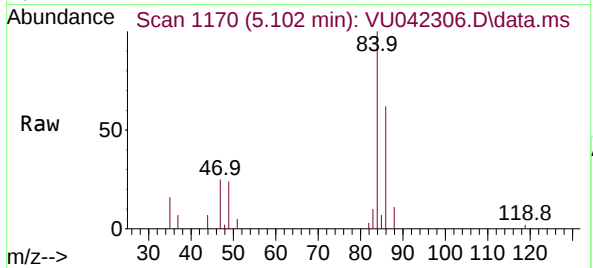
Acq: 10 Feb 2021 15:37

Tgt Ion: 83 Resp: 976

Ion Ratio Lower Upper

83 100

85 69.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 0.07 ug/L

RT: 5.739 min Scan# 1368

Delta R.T. -0.065 min

Lab File: VU042306.D

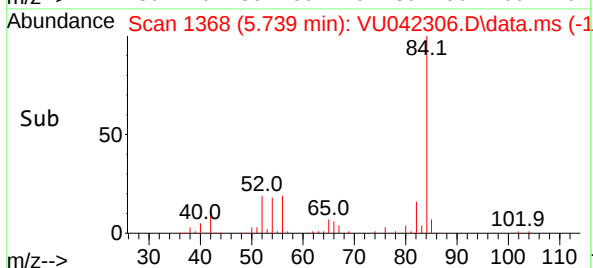
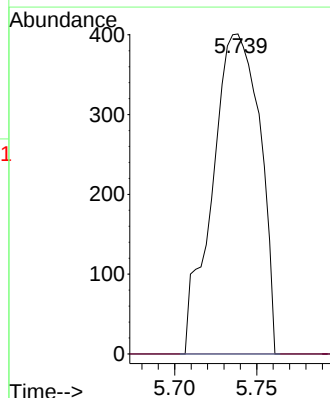
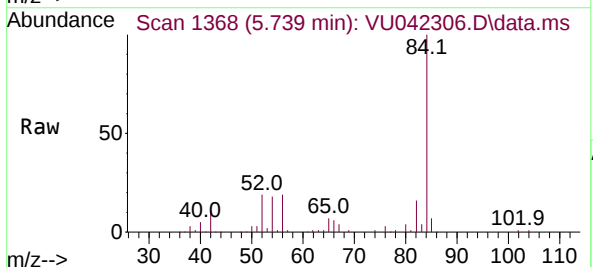
Acq: 10 Feb 2021 15:37

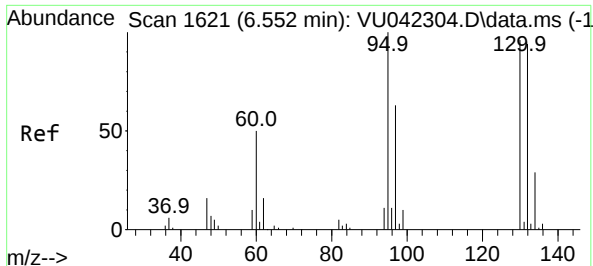
Tgt Ion: 62 Resp: 809

Ion Ratio Lower Upper

62 100

98 0.0 7.3 10.9#



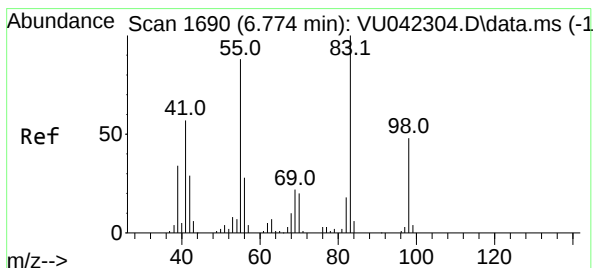
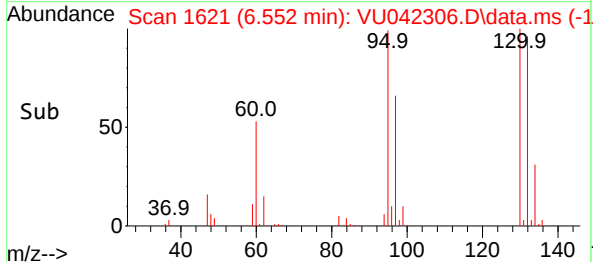
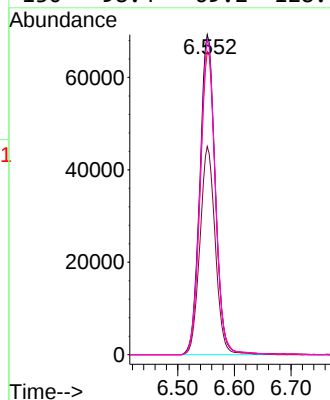
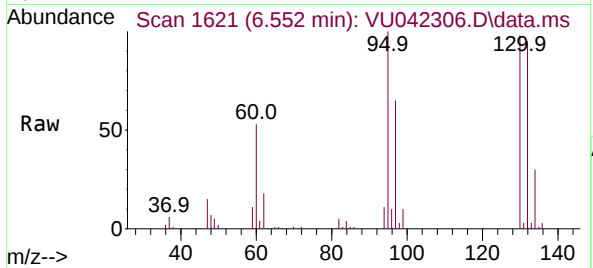


#34  
Trichloroethene  
Concen: 13.97 ug/L  
RT: 6.552 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VU042306.D  
Acq: 10 Feb 2021 15:37

Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion: 95 Resp: 131488

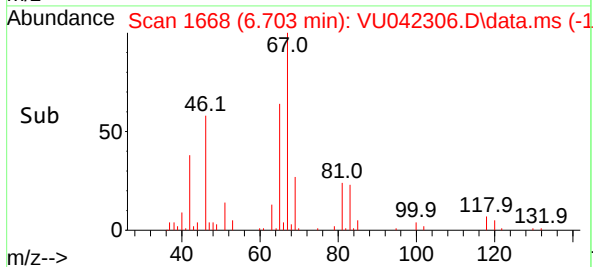
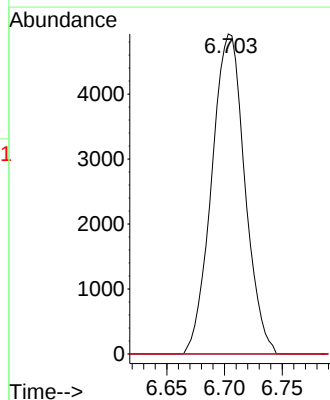
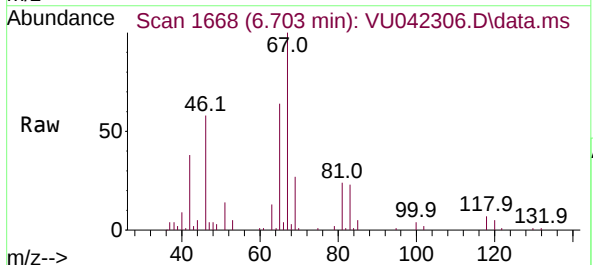
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.1  | 44.4  | 82.4  |
| 132 | 94.7  | 68.0  | 126.4 |
| 130 | 98.4  | 69.2  | 128.4 |

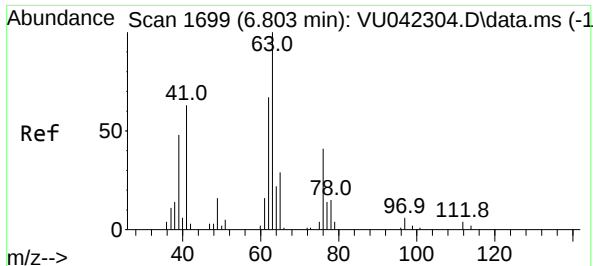


#35  
Methylcyclohexane  
Concen: 0.62 ug/L  
RT: 6.703 min Scan# 1668  
Delta R.T. -0.071 min  
Lab File: VU042306.D  
Acq: 10 Feb 2021 15:37

Tgt Ion: 83 Resp: 9833

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 83  | 100   |       |        |
| 55  | 0.0   | 68.2  | 102.4# |
| 98  | 0.0   | 39.7  | 59.5#  |



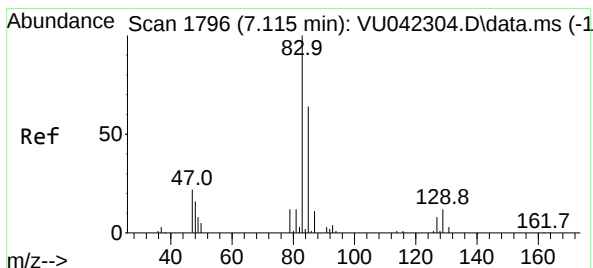
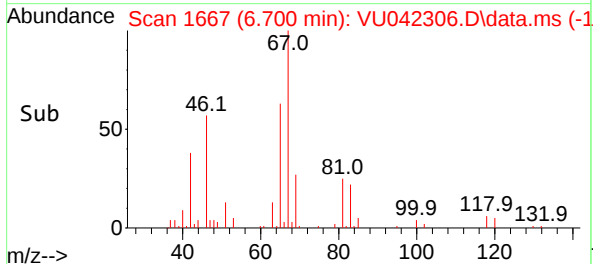
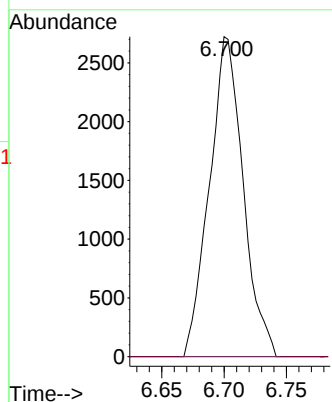
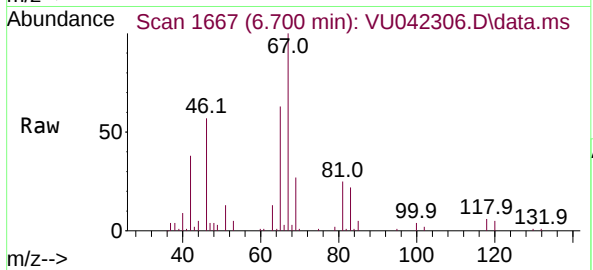


#37

1,2-Dichloropropane  
Concen: 0.56 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.103 min  
Lab File: VU042306.D  
Acq: 10 Feb 2021 15:37

Instrument :  
MSVOA\_U  
ClientSampled :

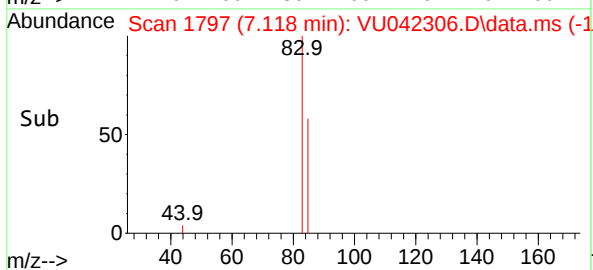
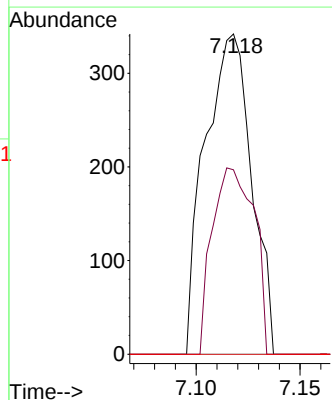
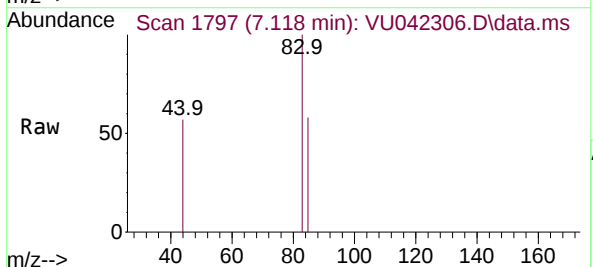
Tgt Ion: 63 Resp: 5127  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#

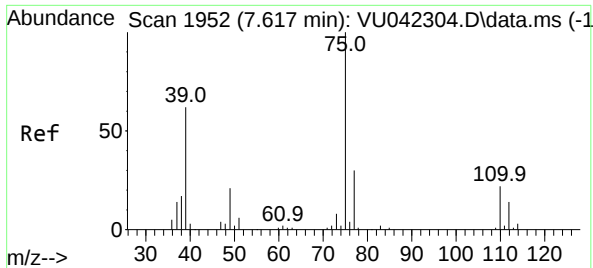


#38

Bromodichloromethane  
Concen: 0.04 ug/L  
RT: 7.118 min Scan# 1797  
Delta R.T. 0.003 min  
Lab File: VU042306.D  
Acq: 10 Feb 2021 15:37

Tgt Ion: 83 Resp: 533  
Ion Ratio Lower Upper  
83 100  
85 57.6 46.0 85.4  
127 0.0 6.8 10.2#



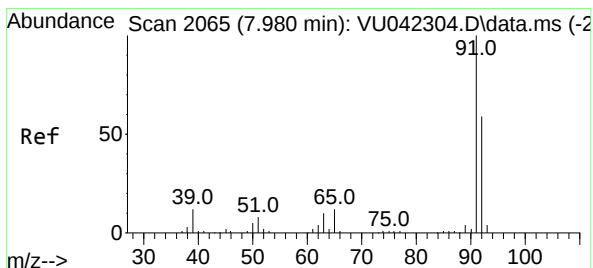
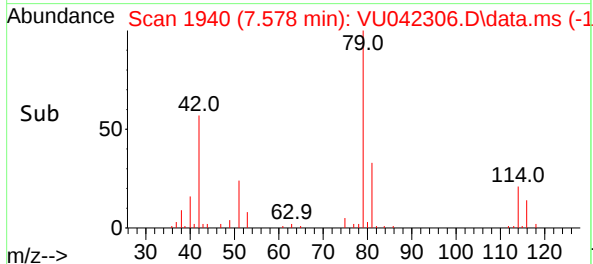
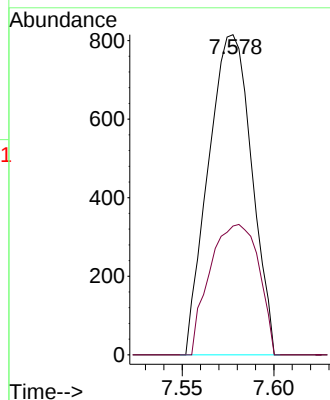
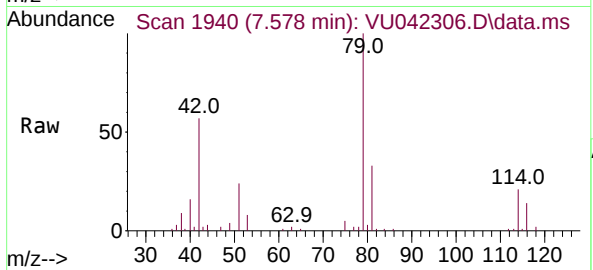


#39

cis-1,3-Dichloropropene  
Concen: 0.09 ug/L  
RT: 7.578 min Scan# 1940  
Delta R.T. -0.039 min  
Lab File: VU042306.D  
Acq: 10 Feb 2021 15:37

Instrument :  
MSVOA\_U  
ClientSampled :

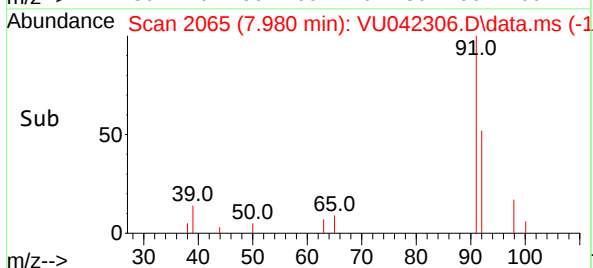
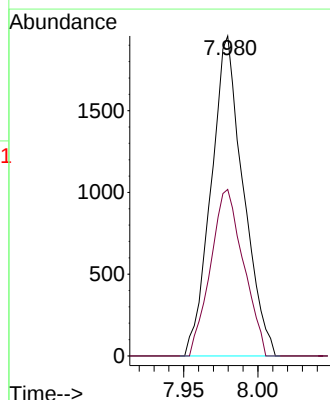
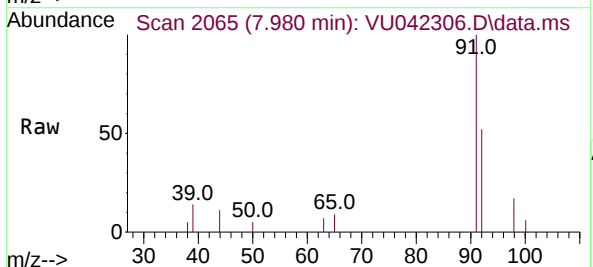
Tgt Ion: 75 Resp: 1340  
Ion Ratio Lower Upper  
75 100  
77 40.2 22.0 40.8

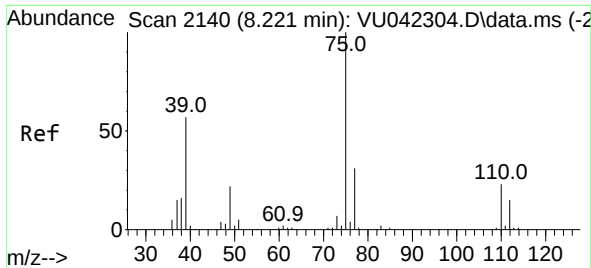


#42

Toluene  
Concen: 0.08 ug/L  
RT: 7.980 min Scan# 2065  
Delta R.T. -0.000 min  
Lab File: VU042306.D  
Acq: 10 Feb 2021 15:37

Tgt Ion: 91 Resp: 2937  
Ion Ratio Lower Upper  
91 100  
92 52.1 41.2 76.6

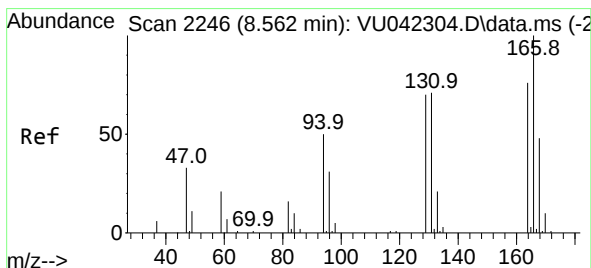
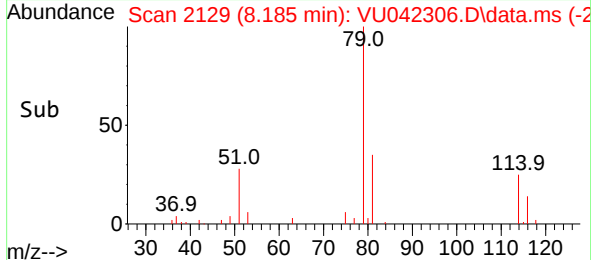
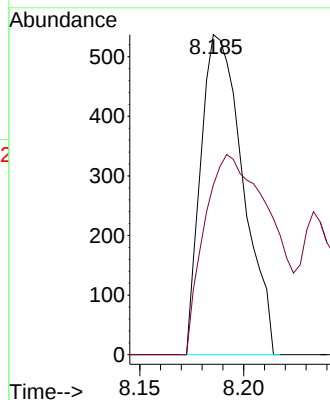
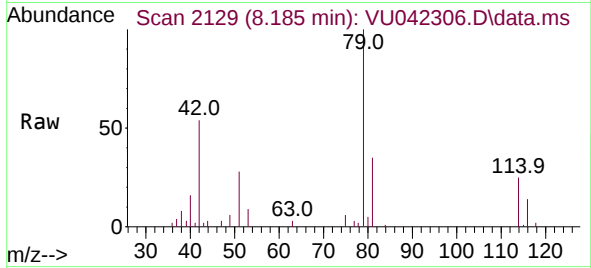




#44  
trans-1,3-Dichloropropene  
Concen: 0.05 ug/L  
RT: 8.185 min Scan# 2129  
Delta R.T. -0.036 min  
Lab File: VU042306.D  
Acq: 10 Feb 2021 15:37

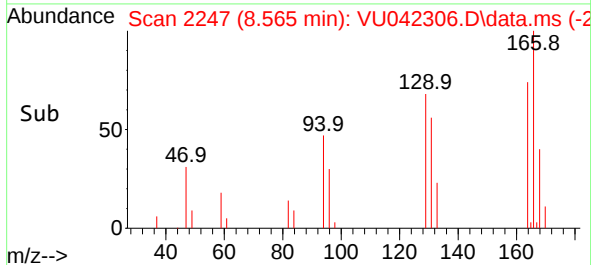
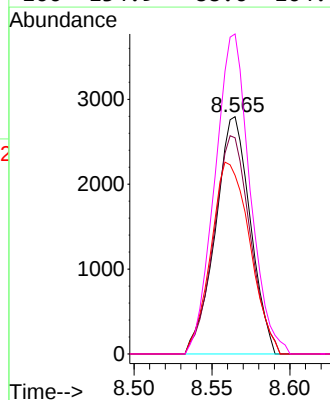
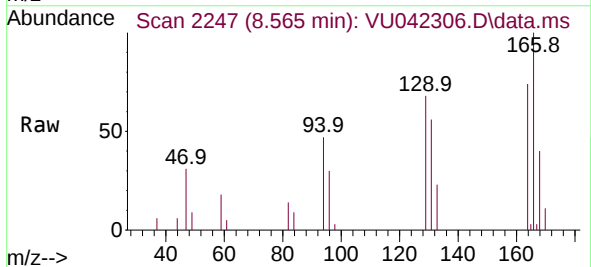
Instrument :  
MSVOA\_U  
ClientSampled :

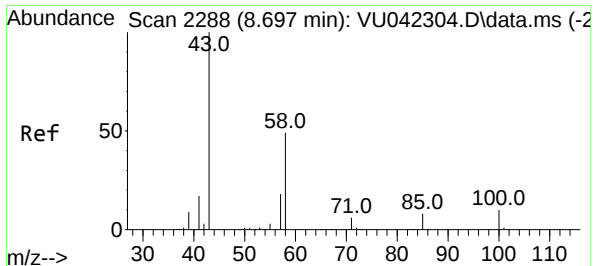
Tgt Ion: 75 Resp: 756  
Ion Ratio Lower Upper  
75 100  
77 53.1 21.8 40.4#



#47  
Tetrachloroethene  
Concen: 0.56 ug/L  
RT: 8.565 min Scan# 2247  
Delta R.T. 0.003 min  
Lab File: VU042306.D  
Acq: 10 Feb 2021 15:37

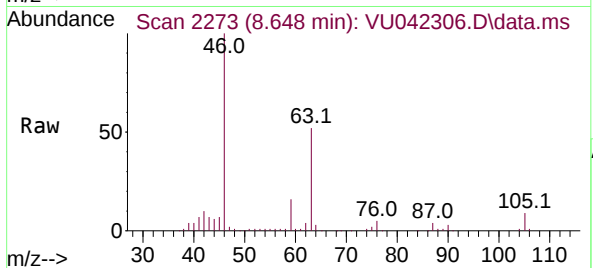
Tgt Ion:164 Resp: 4351  
Ion Ratio Lower Upper  
164 100  
129 91.1 64.3 119.5  
131 75.3 62.2 115.6  
166 134.9 88.6 164.6



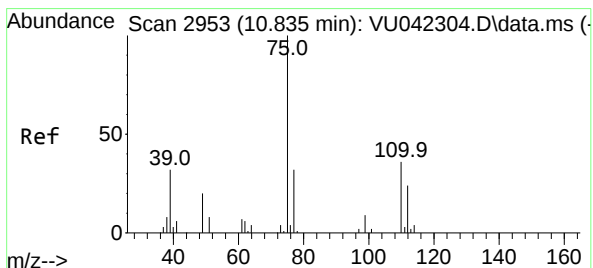
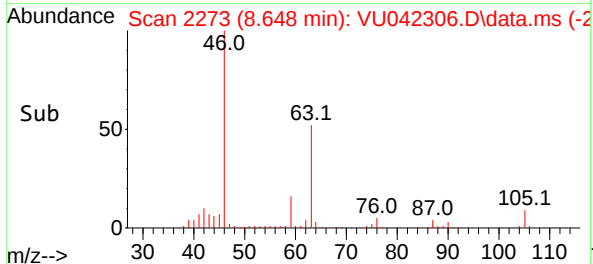
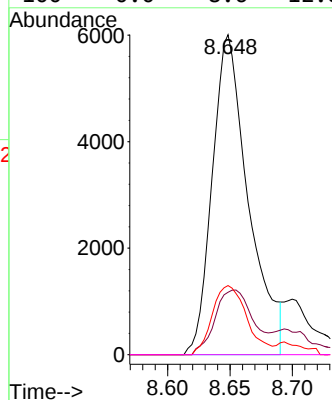


#48  
2-Hexanone  
Concen: 2.21 ug/L  
RT: 8.648 min Scan# 2273  
Delta R.T. -0.048 min  
Lab File: VU042306.D  
Acq: 10 Feb 2021 15:37

Instrument :  
MSVOA\_U  
ClientSampled :

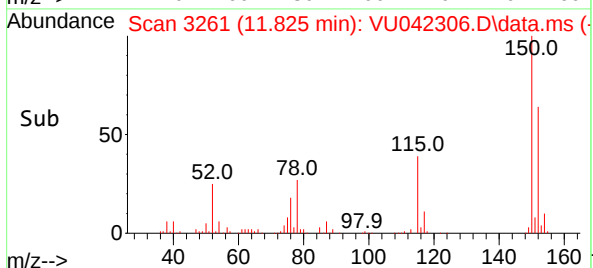
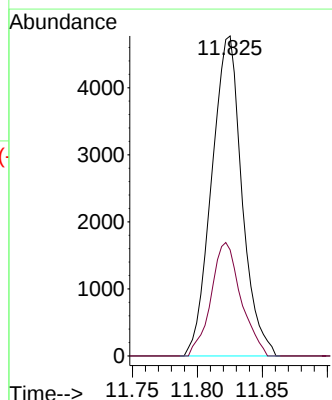
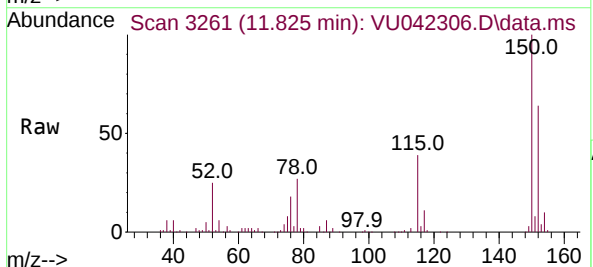


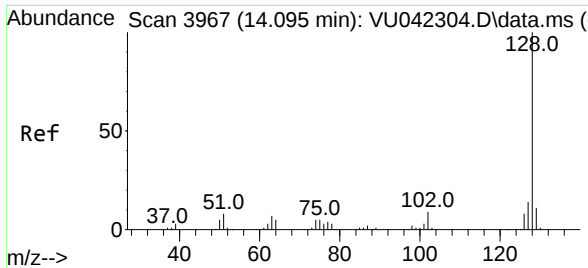
| Tgt Ion:  | 43   | Resp: | 12103 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 43        | 100  |       |       |
| 58        | 21.3 | 40.6  | 61.0# |
| 57        | 20.8 | 14.9  | 22.3  |
| 100       | 0.0  | 8.6   | 12.8# |



#59  
1,2,3-Trichloropropane  
Concen: 1.19 ug/L  
RT: 11.825 min Scan# 3261  
Delta R.T. 0.990 min  
Lab File: VU042306.D  
Acq: 10 Feb 2021 15:37

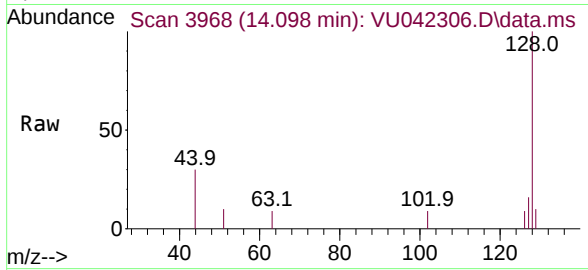
| Tgt Ion:  | 75   | Resp: | 7724  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 75        | 100  |       |       |
| 77        | 35.0 | 26.0  | 39.0  |





#69  
Naphthalene  
Concen: 0.11 ug/L  
RT: 14.098 min Scan# 3968  
Delta R.T. 0.003 min  
Lab File: VU042306.D  
Acq: 10 Feb 2021 15:37

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion:128 Resp: 2017  
Ion Ratio Lower Upper  
128 100  
129 4.7 8.7 13.1#  
127 11.4 10.6 15.8

