

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052121\  
 Data File : VU043896.D  
 Acq On : 21 May 2021 17:58  
 Operator : SY/MD  
 Sample : M2475-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Quant Time: May 22 00:55:20 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

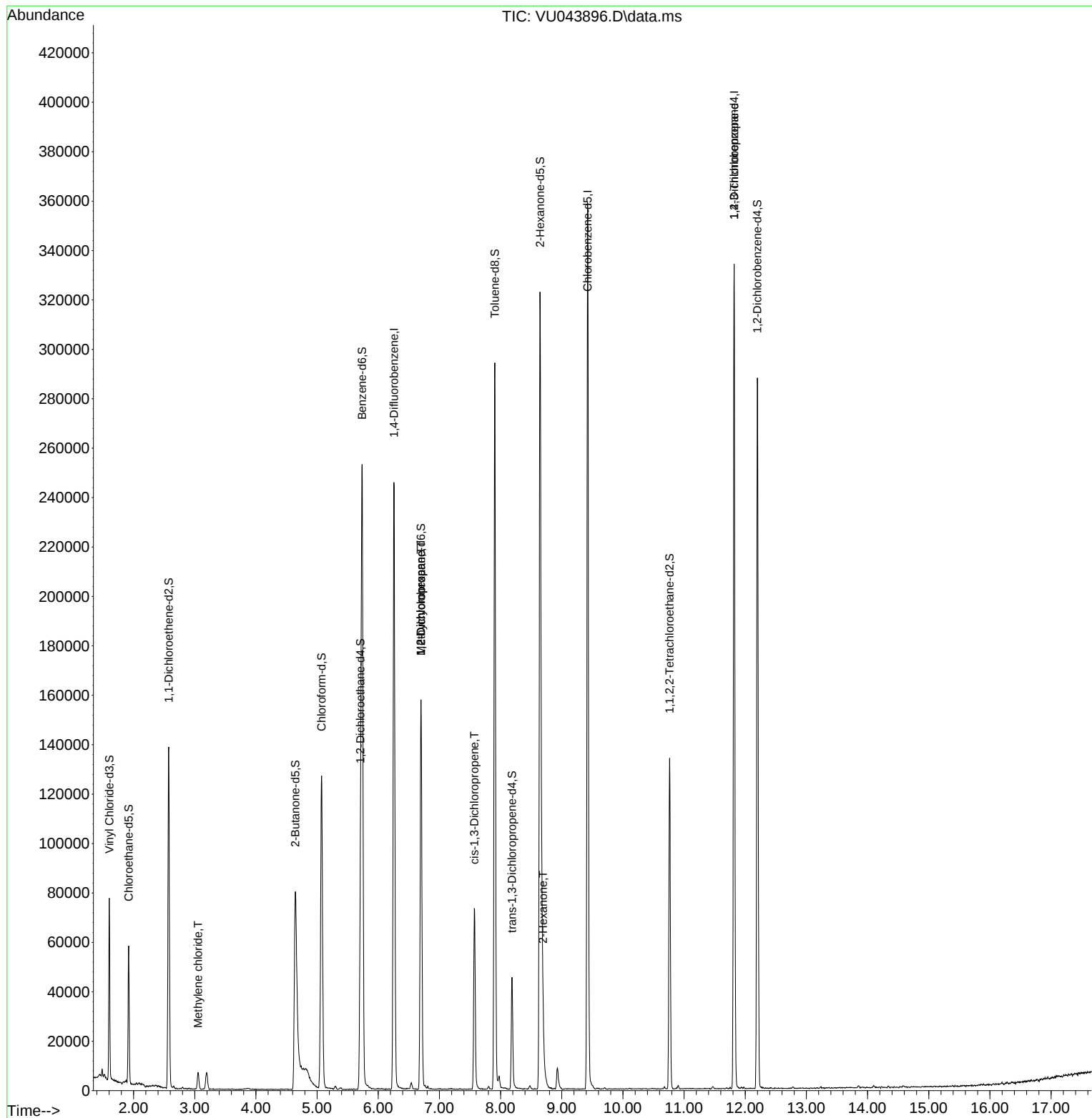
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 202807   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 209324   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 95758    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 52356    | 3.50     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 70.00%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 39229    | 3.76     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 75.20%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 25681    | 4.14     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 82.80%   |
| 20) 2-Butanone-d5             | 4.645  | 46    | 137386   | 48.32    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 96.64%   |
| 24) Chloroform-d              | 5.073  | 84    | 120286   | 4.95     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.00%   |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 61927    | 4.97     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.40%   |
| 32) Benzene-d6                | 5.735  | 84    | 242451   | 4.56     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.20%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 78630    | 4.64     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.80%   |
| 41) Toluene-d8                | 7.906  | 98    | 198831   | 4.05     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.00%   |
| 43) trans-1,3-Dichloroprop... | 8.186  | 79    | 26583    | 4.23     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.60%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 138760   | 48.98    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 97.96%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 69345    | 4.99     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.80%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 81205    | 5.09     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.80%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 3.054  | 84    | 3757     | 0.19     | ug/L   | 92       |
| 35) Methylcyclohexane         | 6.700  | 83    | 18143    | 0.75     | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 7823     | 0.49     | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.571  | 75    | 1759     | 0.08     | ug/L # | 53       |
| 48) 2-Hexanone                | 8.694  | 43    | 7388     | 0.99     | ug/L # | 76       |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75    | 9972     | 1.09     | ug/L # | 71       |
| -----                         |        |       |          |          |        |          |

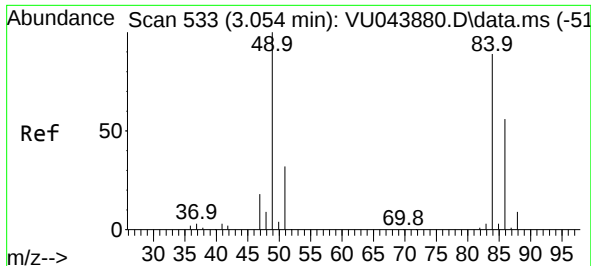
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052121\  
Data File : VU043896.D  
Acq On : 21 May 2021 17:58  
Operator : SY/MD  
Sample : M2475-16  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK001

Quant Time: May 22 00:55:20 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

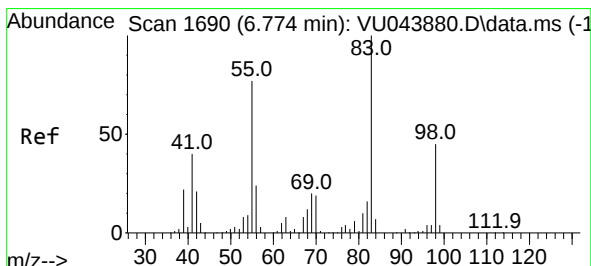
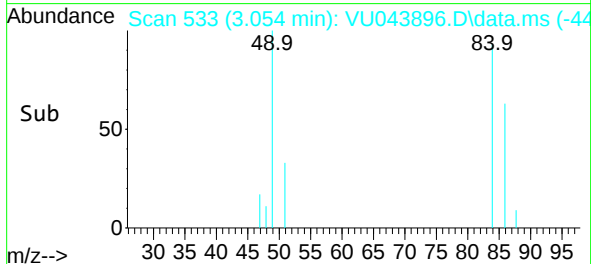
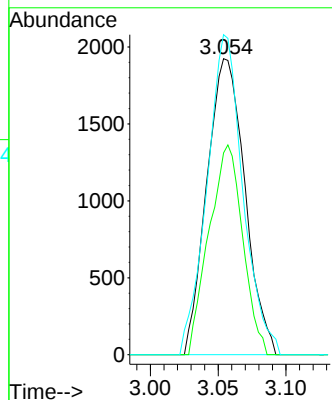
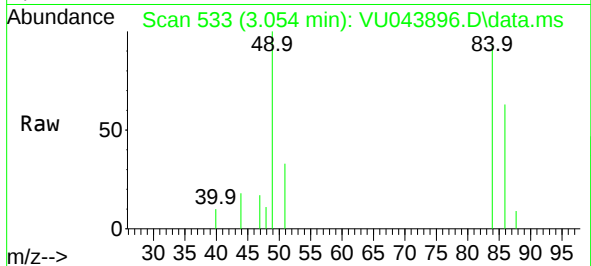




#16  
Methylene chloride  
Concen: 0.19 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. 0.000 min  
Lab File: VU043896.D  
Acq: 21 May 2021 17:58

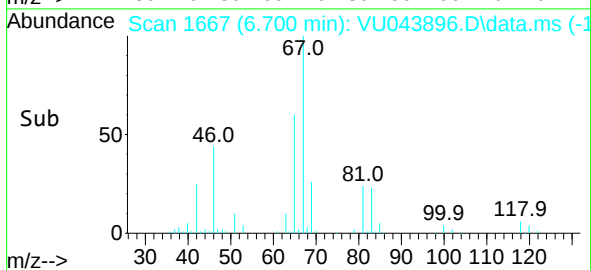
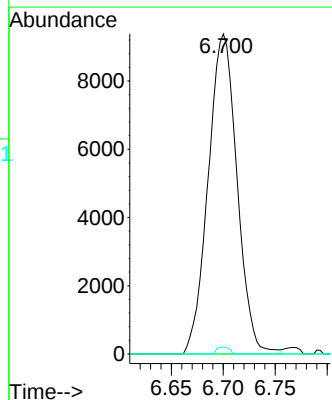
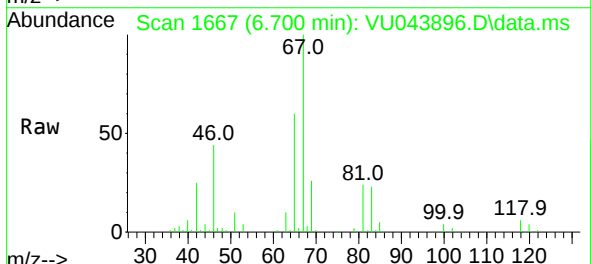
Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK001

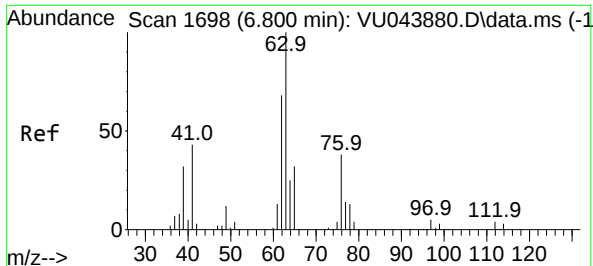
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 3757  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 68.2  | 44.7  | 82.9  |
| 49       | 108.1 | 83.1  | 154.3 |



#35  
Methylcyclohexane  
Concen: 0.75 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.074 min  
Lab File: VU043896.D  
Acq: 21 May 2021 17:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 18143 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.0   | 64.8  | 97.2# |
| 98       | 0.9   | 35.9  | 53.9# |



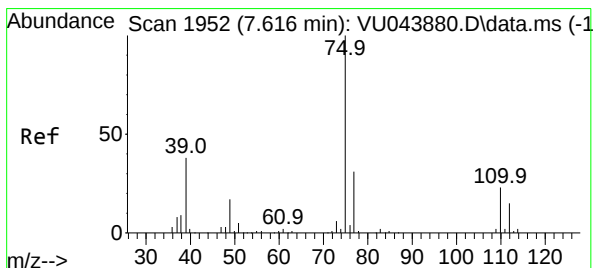
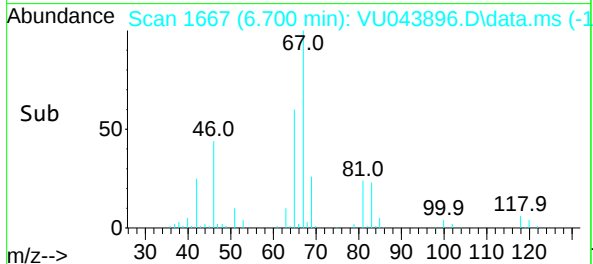
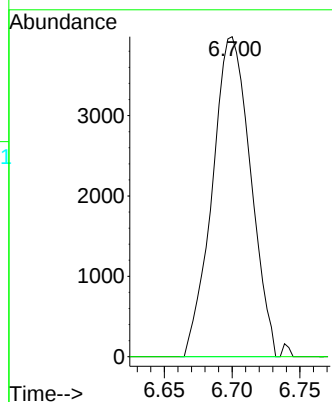
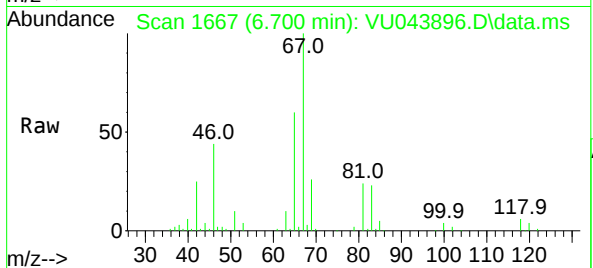


#37

1,2-Dichloropropane  
Concen: 0.49 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.100 min  
Lab File: VU043896.D  
Acq: 21 May 2021 17:58

Instrument :  
MSVOA\_U  
ClientSampled :  
VHBLK001

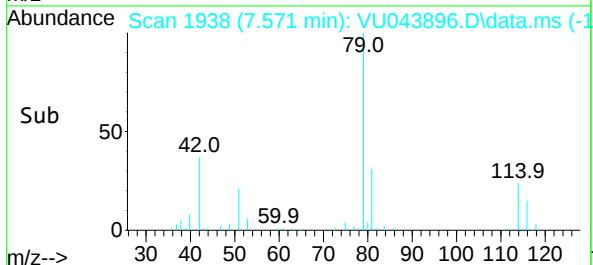
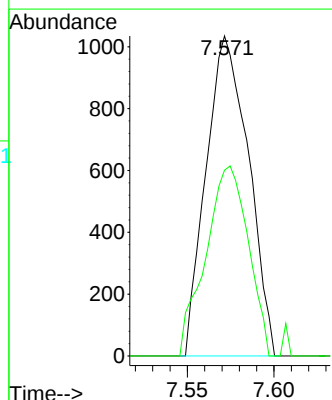
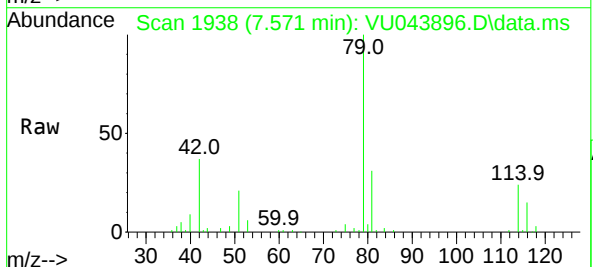
Tgt Ion: 63 Resp: 7823  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#

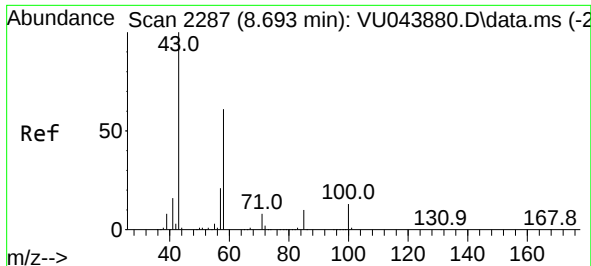


#39

cis-1,3-Dichloropropene  
Concen: 0.08 ug/L  
RT: 7.571 min Scan# 1938  
Delta R.T. -0.045 min  
Lab File: VU043896.D  
Acq: 21 May 2021 17:58

Tgt Ion: 75 Resp: 1759  
Ion Ratio Lower Upper  
75 100  
77 58.1 22.5 41.7#

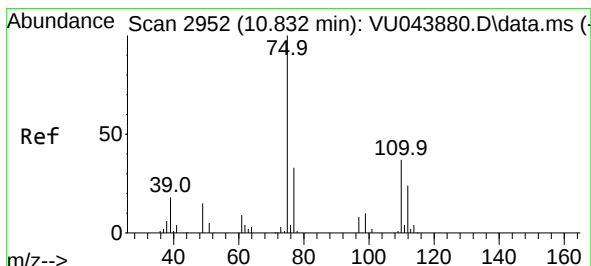
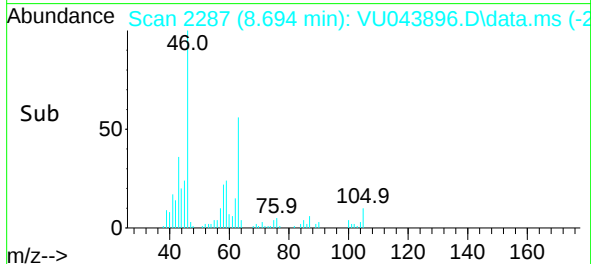
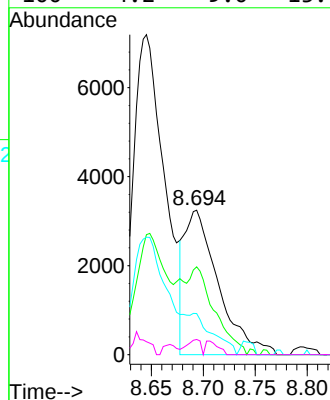
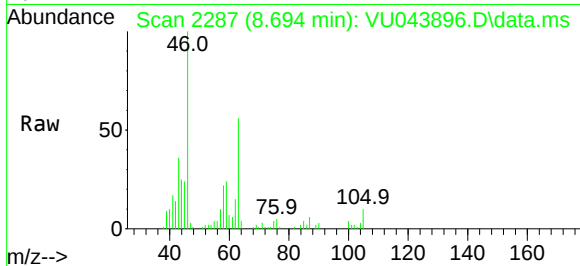




#48  
2-Hexanone  
Concen: 0.99 ug/L  
RT: 8.694 min Scan# 2287  
Delta R.T. 0.000 min  
Lab File: VU043896.D  
Acq: 21 May 2021 17:58

Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK001

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 7388  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 44.4  | 47.0  | 70.4# |
| 57       | 0.0   | 15.8  | 23.8# |
| 100      | 4.2   | 9.0   | 13.4# |



#61  
1,2,3-Trichloropropane  
Concen: 1.09 ug/L  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.987 min  
Lab File: VU043896.D  
Acq: 21 May 2021 17:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 9972  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 2.7   | 27.9  | 41.9# |
| 77       | 31.8  | 25.9  | 38.9  |

