

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052421\  
 Data File : VU043956.D  
 Acq On : 25 May 2021 12:12  
 Operator : SY/MD  
 Sample : M2444-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Quant Time: May 25 14:29:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR052421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue May 25 07:46:23 2021  
 Response via : Initial Calibration

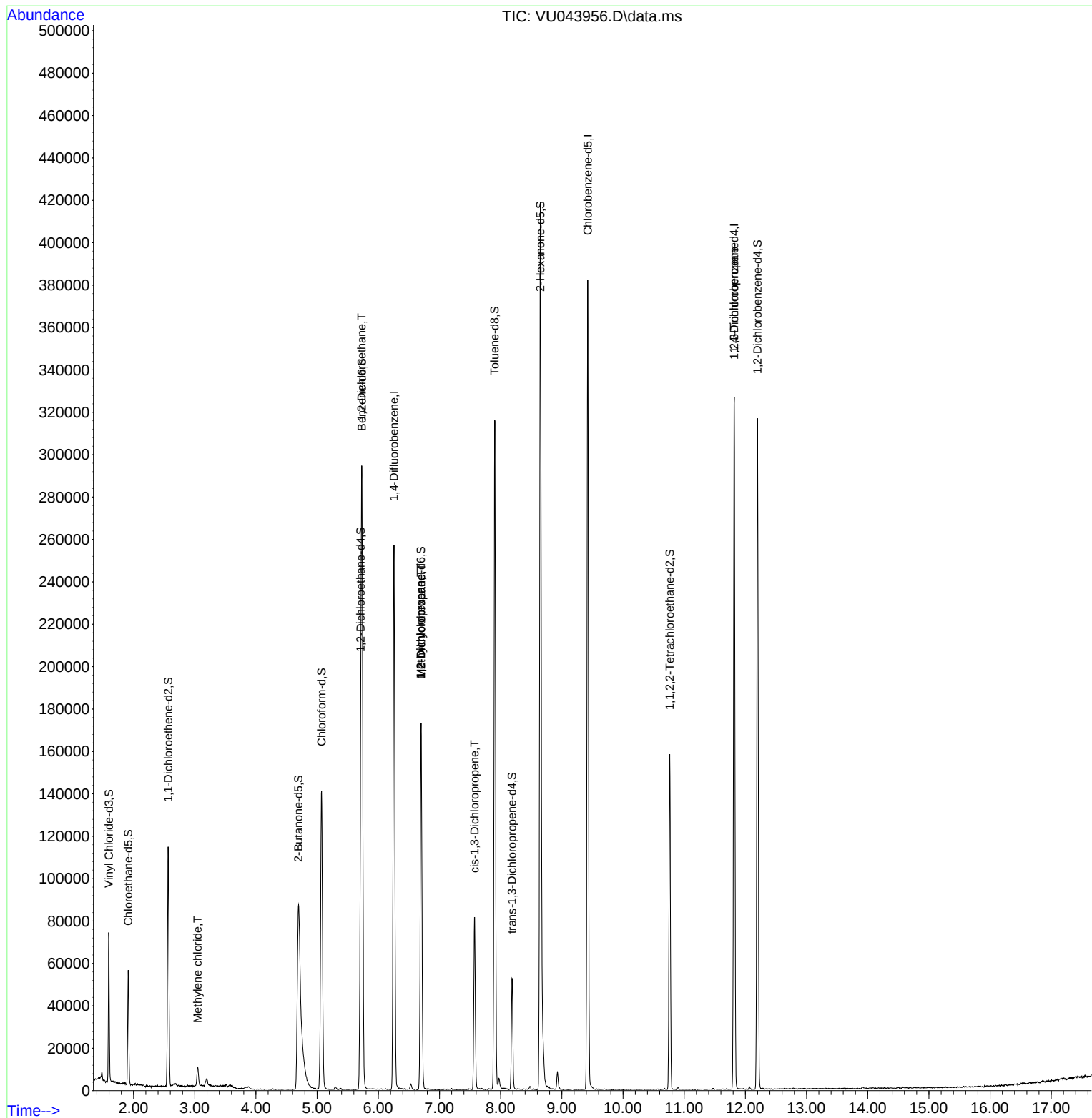
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 215102   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 222154   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 94246    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.594  | 65    | 48015    | 4.01     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.20%   |
| 7) Chloroethane-d5            | 1.912  | 69    | 38850    | 4.50     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 90.00%   |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 20365    | 3.50     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 70.00%   |
| 20) 2-Butanone-d5             | 4.694  | 46    | 197306   | 51.97    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 103.94%  |
| 24) Chloroform-d              | 5.073  | 84    | 133743   | 4.84     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.80%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 70907    | 5.01     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.20%  |
| 32) Benzene-d6                | 5.732  | 84    | 262936   | 4.66     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.20%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 86477    | 4.81     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 96.20%   |
| 41) Toluene-d8                | 7.903  | 98    | 217606   | 4.19     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.80%   |
| 43) trans-1,3-Dichloroprop... | 8.186  | 79    | 30284    | 4.42     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.40%   |
| 46) 2-Hexanone-d5             | 8.649  | 63    | 143602   | 47.82    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 95.64%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 78248    | 4.74     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.80%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 90676    | 5.29     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.80%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 3.047  | 84    | 4446     | 0.25     | ug/L   | 96       |
| 27) 1,2-Dichloroethane        | 5.729  | 62    | 1285     | 0.08     | ug/L # | 72       |
| 35) Methylcyclohexane         | 6.700  | 83    | 20041    | 0.88     | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 8664     | 0.54     | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 7.575  | 75    | 1961     | 0.09     | ug/L # | 36       |
| 61) 1,2,3-Trichloropropane    | 11.816 | 75    | 9816     | 1.13     | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

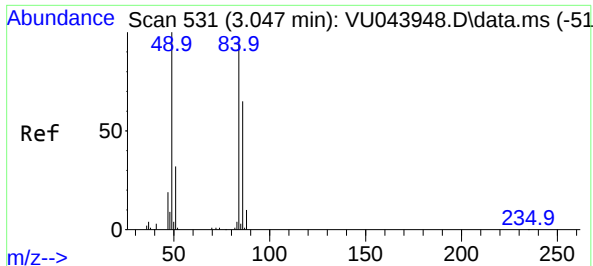
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 25 07:46:23 2021  
Response via : Initial Calibration

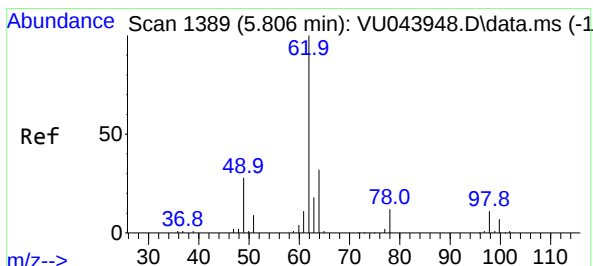
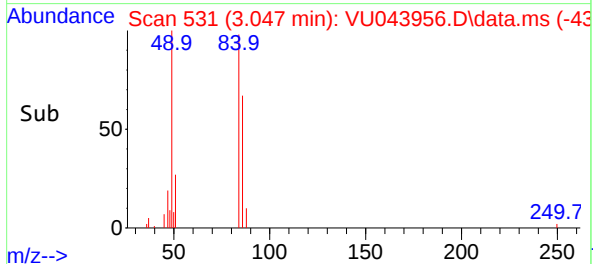
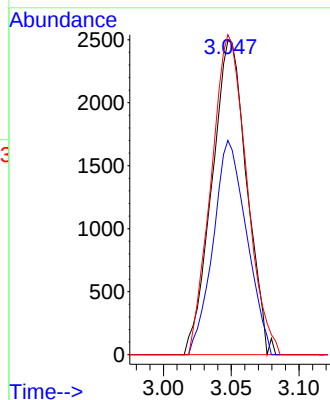
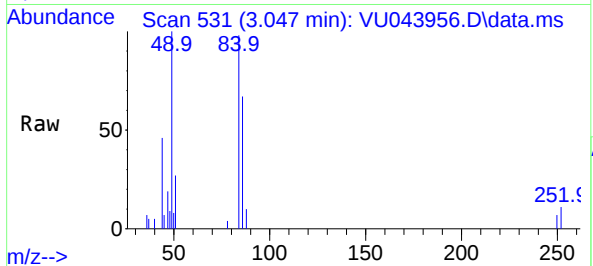




#16  
Methylene chloride  
Concen: 0.25 ug/L  
RT: 3.047 min Scan# 531  
Delta R.T. 0.000 min  
Lab File: VU043956.D  
Acq: 25 May 2021 12:12

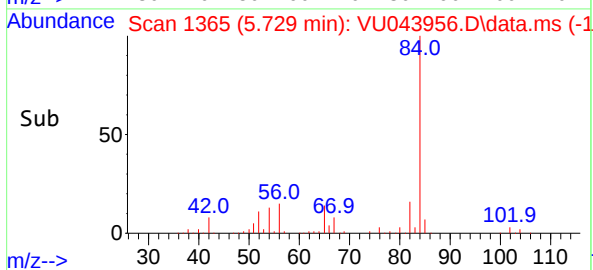
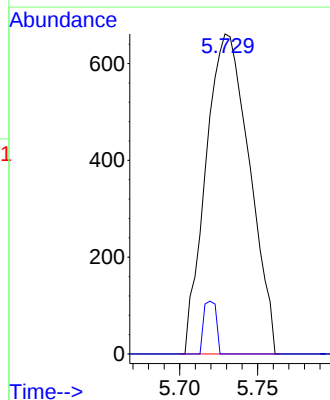
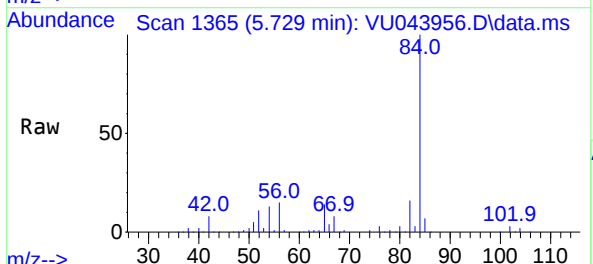
Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK001

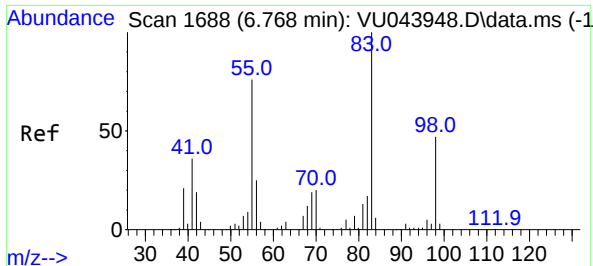
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 4446  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 68.2  | 45.6  | 84.8  |
| 49       | 101.9 | 74.2  | 137.8 |



#27  
1,2-Dichloroethane  
Concen: 0.08 ug/L  
RT: 5.729 min Scan# 1365  
Delta R.T. -0.077 min  
Lab File: VU043956.D  
Acq: 25 May 2021 12:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 1285  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 0.0   | 8.3   | 12.5# |





#35

Methylcyclohexane

Concen: 0.88 ug/L

RT: 6.700 min Scan# 1667

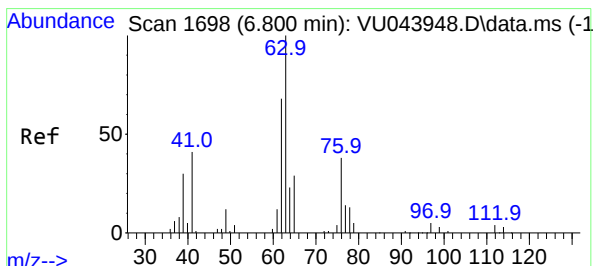
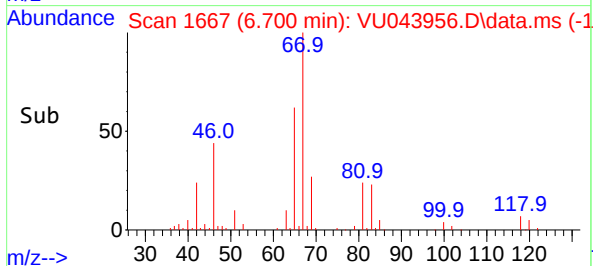
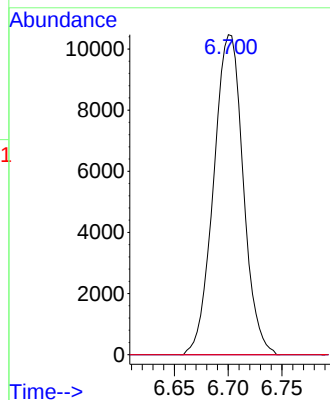
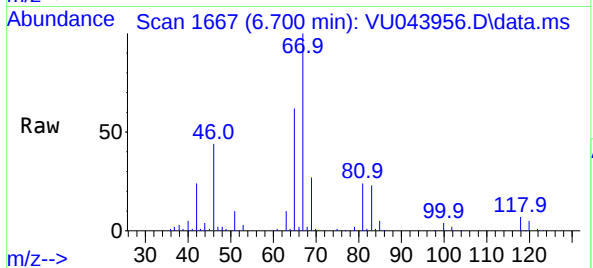
Delta R.T. -0.064 min

Lab File: VU043956.D

Acq: 25 May 2021 12:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 20041 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.0   | 61.2  | 91.8# |
| 98       | 0.1   | 37.0  | 55.4# |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK001



#37

1,2-Dichloropropane

Concen: 0.54 ug/L

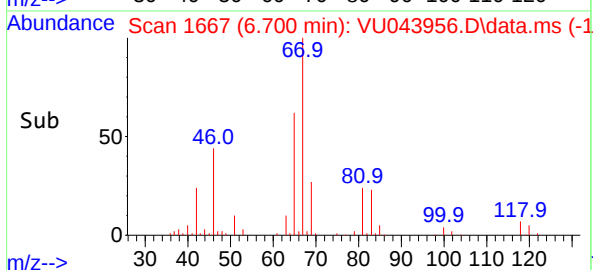
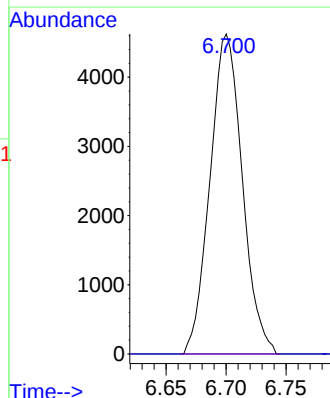
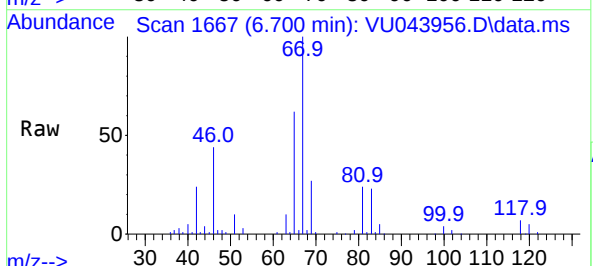
RT: 6.700 min Scan# 1667

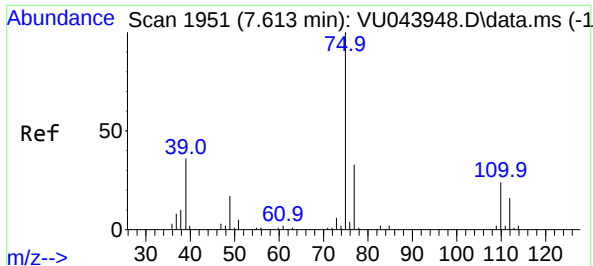
Delta R.T. -0.100 min

Lab File: VU043956.D

Acq: 25 May 2021 12:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 8664  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.0   | 3.7   | 5.5#  |

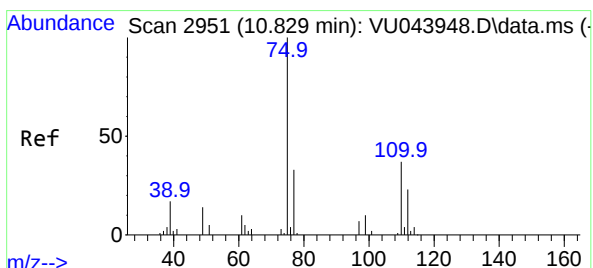
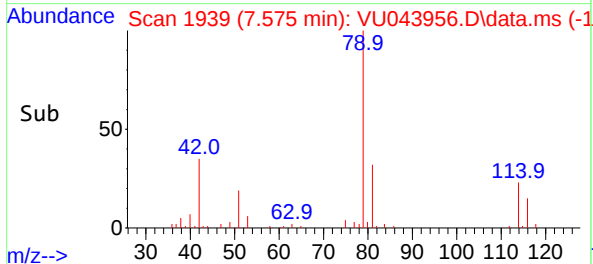
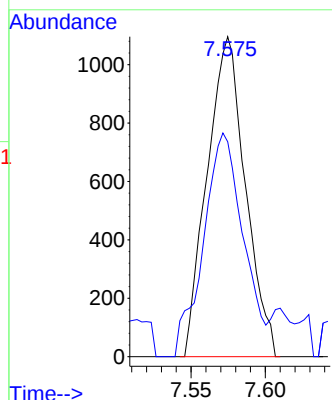
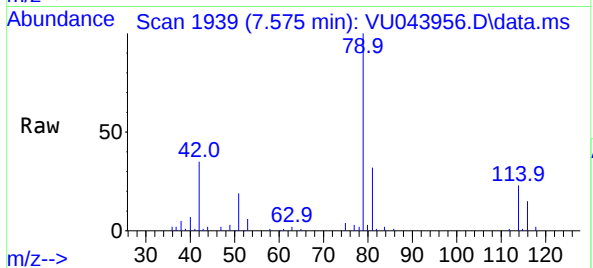




#39  
cis-1,3-Dichloropropene  
Concen: 0.09 ug/L  
RT: 7.575 min Scan# 1939  
Delta R.T. -0.038 min  
Lab File: VU043956.D  
Acq: 25 May 2021 12:12

Instrument :  
MSVOA\_U  
ClientSampled :  
VHBLK001

Tgt Ion: 75 Resp: 1961  
Ion Ratio Lower Upper  
75 100  
77 67.2 22.3 41.3#



#61  
1,2,3-Trichloropropane  
Concen: 1.13 ug/L  
RT: 11.816 min Scan# 3258  
Delta R.T. 0.987 min  
Lab File: VU043956.D  
Acq: 25 May 2021 12:12

Tgt Ion: 75 Resp: 9816  
Ion Ratio Lower Upper  
75 100  
110 1.5 29.3 43.9#  
77 32.0 26.3 39.5

