

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031921\  
 Data File : VU042727.D  
 Acq On : 19 Mar 2021 17:49  
 Operator : SY/MD  
 Sample : M1743-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZD4

Quant Time: Mar 20 05:53:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Mar 20 05:47:33 2021  
 Response via : Initial Calibration

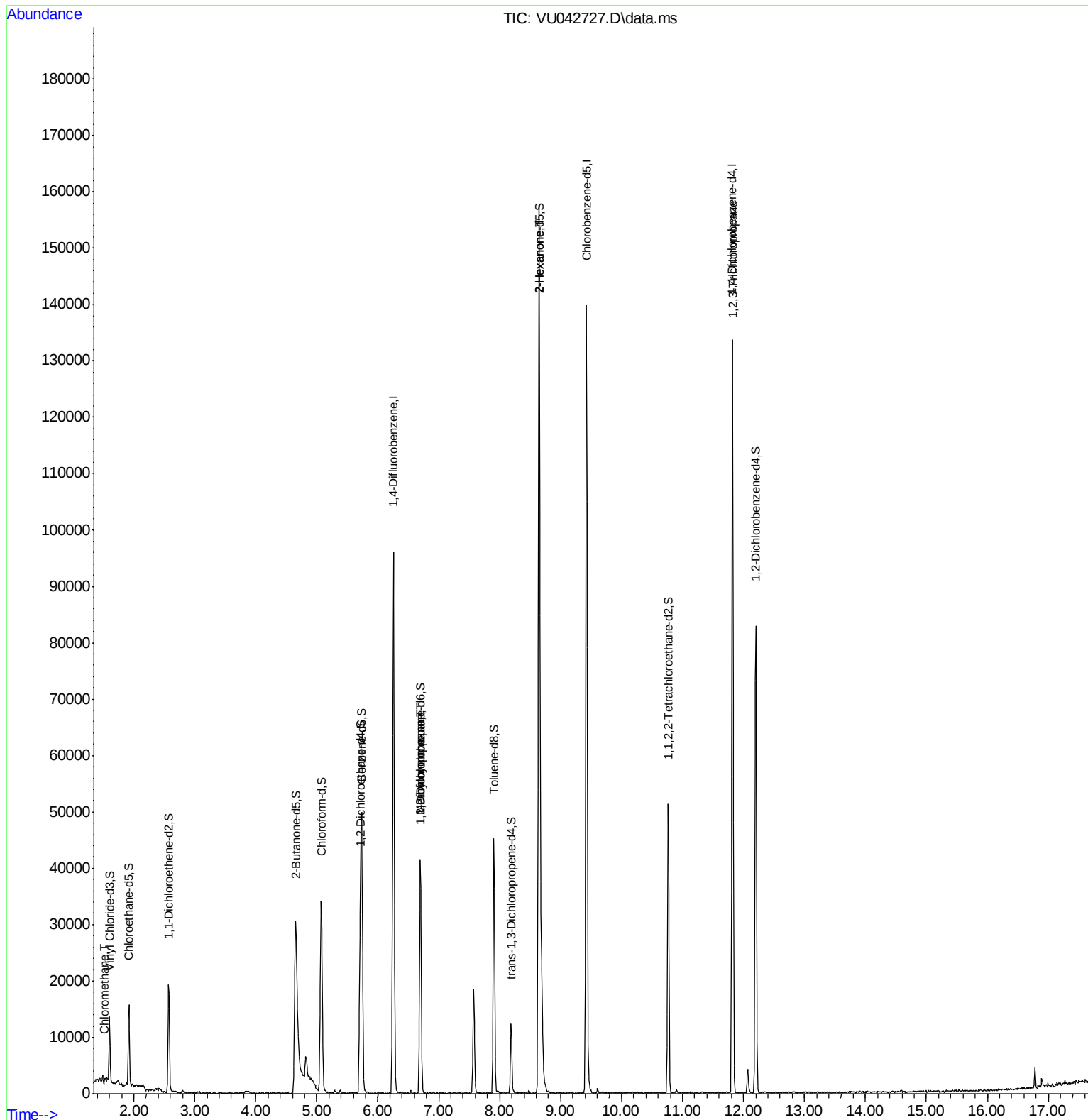
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 71196    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 70827    | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 33279    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 7759     | 1.63     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 32.60%#  |
| 7) Chloroethane-d5            | 1.919  | 69    | 9199     | 2.56     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 51.20%#  |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 11888    | 1.11     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 22.20%#  |
| 20) 2-Butanone-d5             | 4.652  | 46    | 68664    | 44.06    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 88.12%   |
| 24) Chloroform-d              | 5.073  | 84    | 31231    | 3.33     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 66.60%#  |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 21552    | 3.73     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 74.60%   |
| 32) Benzene-d6                | 5.739  | 84    | 39059    | 2.25     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 45.00%#  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 17473    | 3.12     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 62.40%   |
| 41) Toluene-d8                | 7.906  | 98    | 27900    | 1.65     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 33.00%#  |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 6627     | 2.53     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 50.60%#  |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 61904    | 49.40    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 98.80%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 23343    | 4.68     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.60%   |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 21596    | 3.58     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 71.60%#  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.520  | 50    | 427      | 0.07     | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.700  | 83    | 4364     | 0.47     | ug/L # | 14       |
| 37) 1,2-Dichloropropane       | 6.703  | 63    | 2225     | 0.37     | ug/L # | 87       |
| 48) 2-Hexanone                | 8.648  | 43    | 8011     | 2.08     | ug/L # | 73       |
| 59) 1,2,3-Trichloropropane    | 11.822 | 75    | 4594     | 1.02     | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

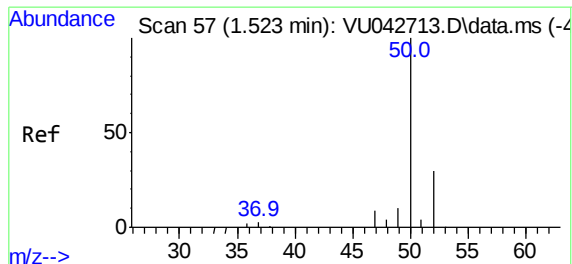
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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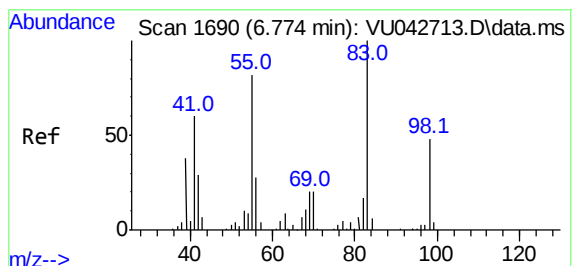
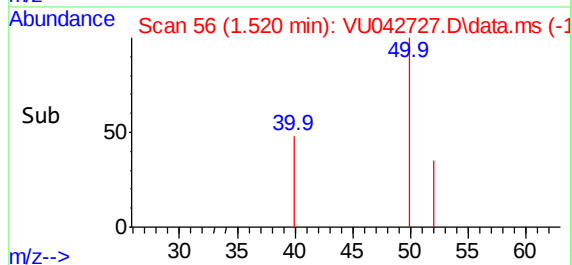
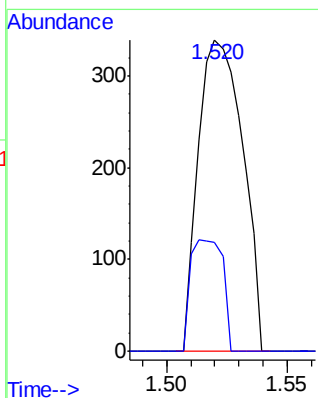
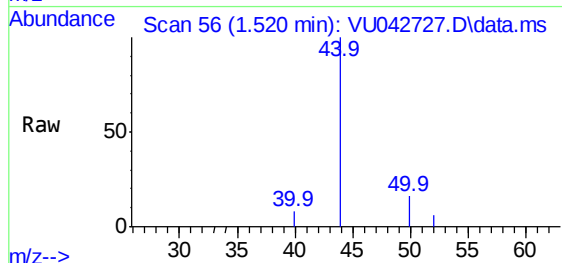




#3  
Chloromethane  
Concen: 0.07 ug/L  
RT: 1.520 min Scan# 56  
Delta R.T. -0.003 min  
Lab File: VU042727.D  
Acq: 19 Mar 2021 17:49

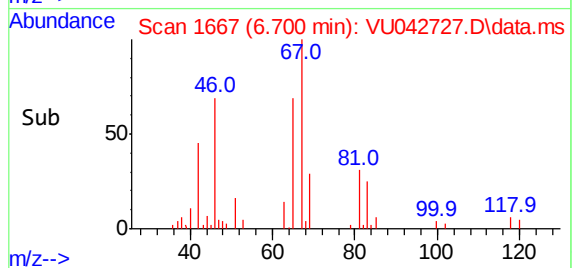
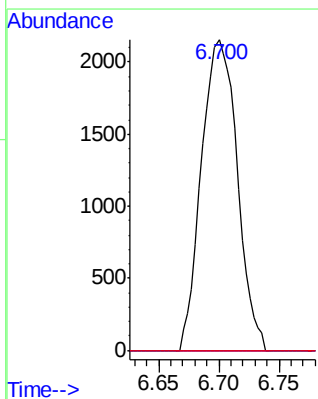
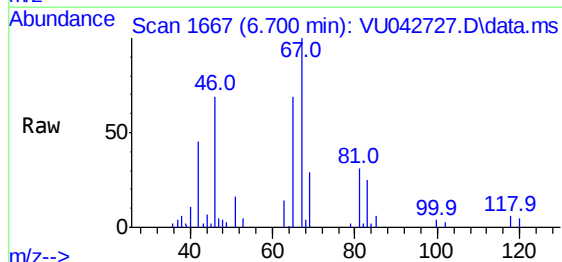
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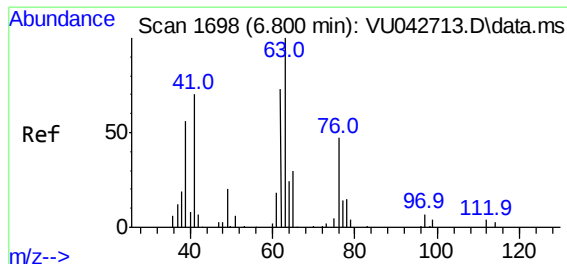
Tgt Ion: 50 Resp: 427  
Ion Ratio Lower Upper  
50 100  
52 34.8 23.0 42.8



#35  
Methylcyclohexane  
Concen: 0.47 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.074 min  
Lab File: VU042727.D  
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Tgt Ion: 83 Resp: 4364  
Ion Ratio Lower Upper  
83 100  
55 0.0 68.2 102.4#  
98 0.0 39.7 59.5#

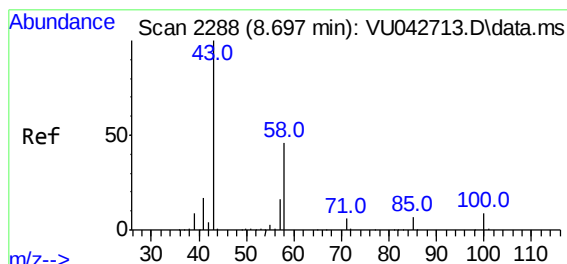
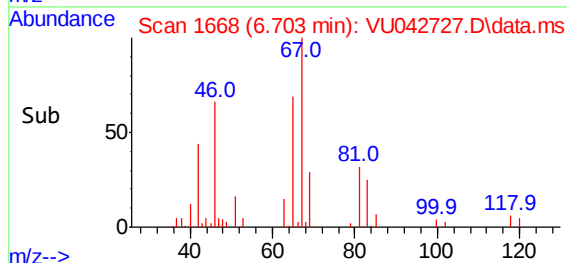
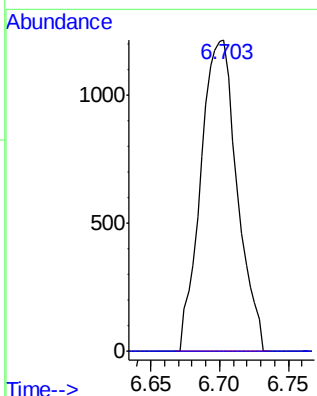
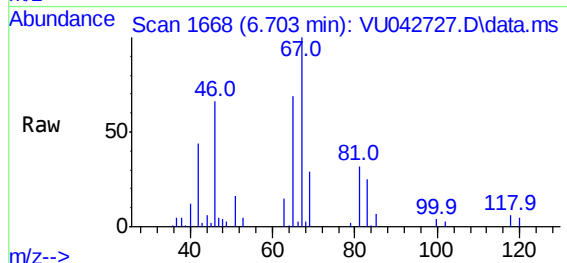




#37  
1,2-Dichloropropane  
Concen: 0.37 ug/L  
RT: 6.703 min Scan# 1668  
Delta R.T. -0.097 min  
Lab File: VU042727.D  
Acq: 19 Mar 2021 17:49

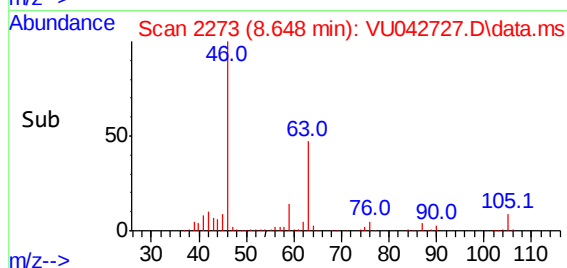
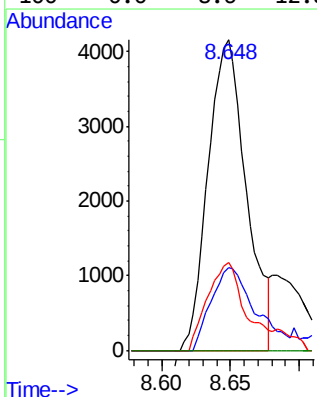
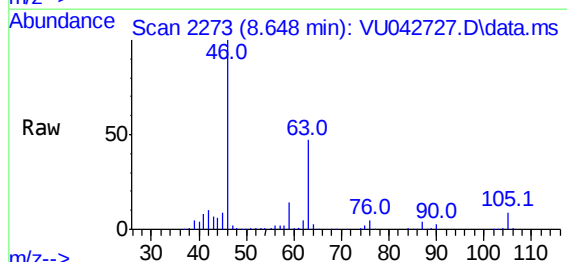
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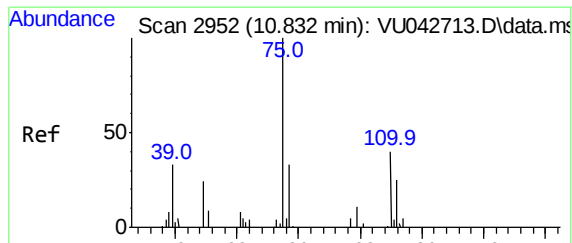
Tgt Ion: 63 Resp: 2225  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#



#48  
2-Hexanone  
Concen: 2.08 ug/L  
RT: 8.648 min Scan# 2273  
Delta R.T. -0.048 min  
Lab File: VU042727.D  
Acq: 19 Mar 2021 17:49

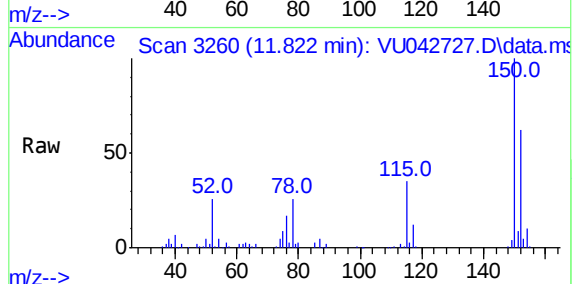
Tgt Ion: 43 Resp: 8011  
Ion Ratio Lower Upper  
43 100  
58 31.0 40.6 61.0#  
57 28.4 14.9 22.3#  
100 0.0 8.6 12.8#





#59  
 1,2,3-Trichloropropane  
 Concen: 1.02 ug/L  
 RT: 11.822 min Scan# 3260  
 Delta R.T. 0.990 min  
 Lab File: VU042727.D  
 Acq: 19 Mar 2021 17:49

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZD4



Tgt Ion: 75 Resp: 4594  
 Ion Ratio Lower Upper  
 75 100  
 77 34.2 26.0 39.0

