

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030521\  
 Data File : VU042510.D  
 Acq On : 05 Mar 2021 18:16  
 Operator : SY/MD  
 Sample : M1588-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C03T5

Quant Time: Mar 06 00:50:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Mar 05 00:31:48 2021  
 Response via : Initial Calibration

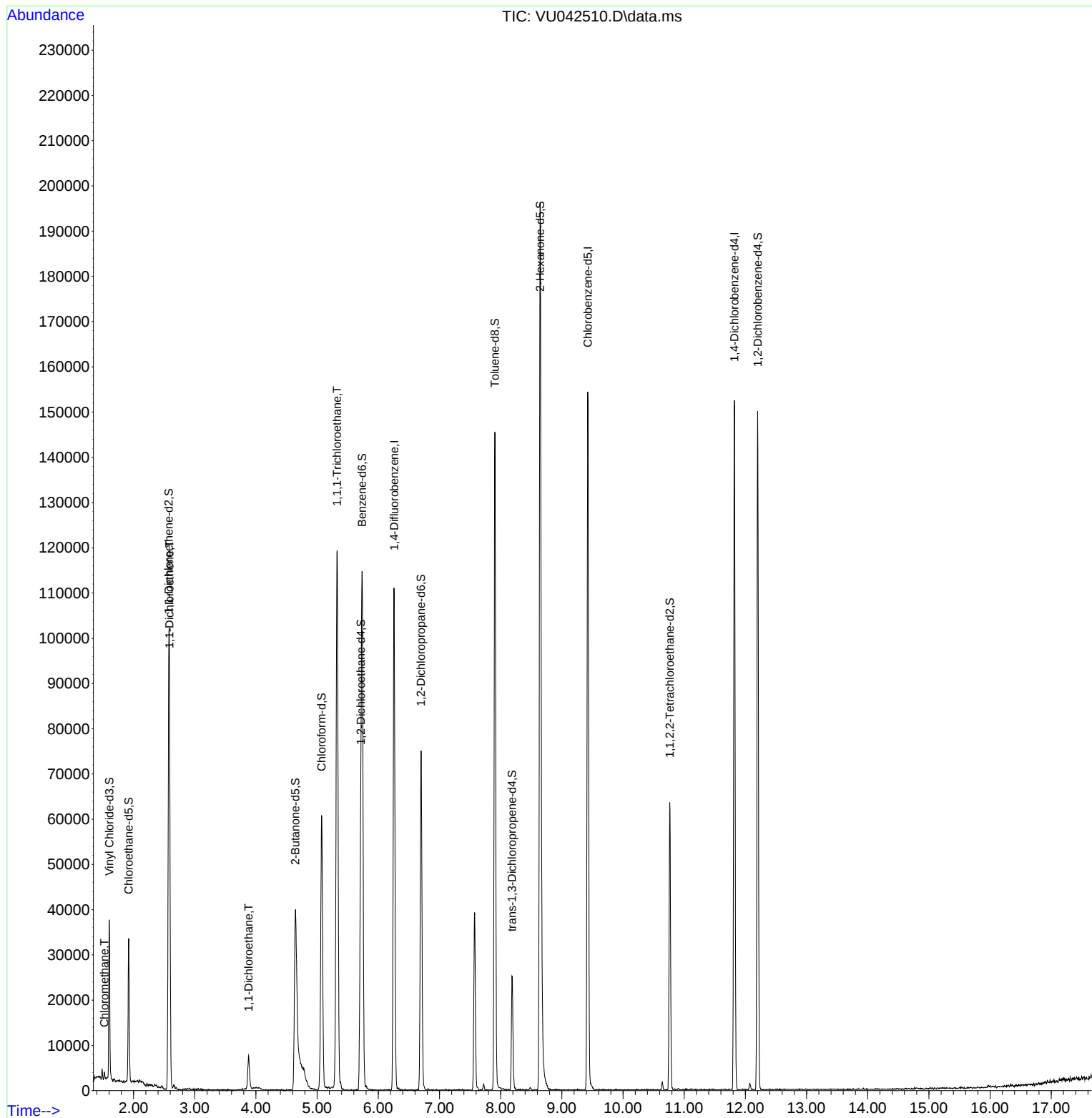
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.260  | 114   | 84333    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 80793    | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.822 | 152   | 38005    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 24428    | 4.35     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 87.00%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 21121    | 4.96     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 99.20%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 52670    | 4.15     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 83.00%   |
| 20) 2-Butanone-d5             | 4.645  | 46    | 84658    | 45.86    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 91.72%   |
| 24) Chloroform-d              | 5.073  | 84    | 53213    | 4.79     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.80%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 35738    | 5.22     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.40%  |
| 32) Benzene-d6                | 5.735  | 84    | 96843    | 4.89     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.80%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 33053    | 5.17     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 103.40%  |
| 41) Toluene-d8                | 7.906  | 98    | 91957    | 4.75     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.00%   |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 13922    | 4.66     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.20%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 72788    | 50.92    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 101.84%  |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 29115    | 5.11     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 102.20%  |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 36687    | 5.32     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 106.40%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.523  | 50    | 1254     | 0.17     | ug/L   | 88       |
| 12) 1,1-Dichloroethene        | 2.588  | 96    | 17412    | 2.93     | ug/L # | 70       |
| 19) 1,1-Dichloroethane        | 3.880  | 63    | 8174     | 0.68     | ug/L   | 98       |
| 29) 1,1,1-Trichloroethane     | 5.327  | 97    | 82921    | 7.38     | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

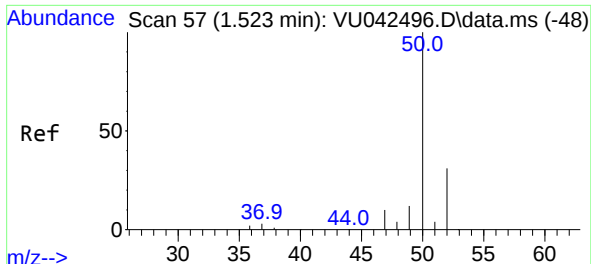
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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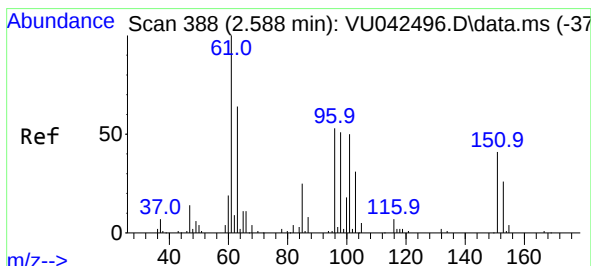
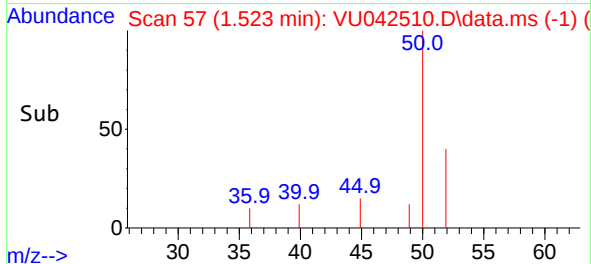
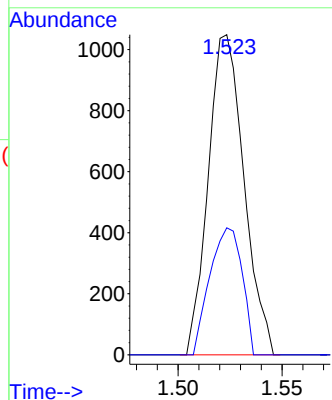
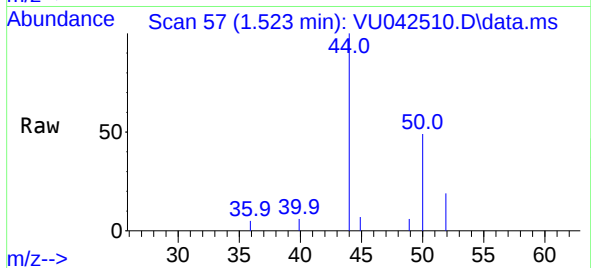




#3  
Chloromethane  
Concen: 0.17 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.003 min  
Lab File: VU042510.D  
Acq: 05 Mar 2021 18:16

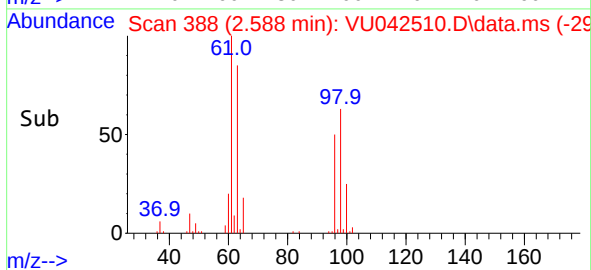
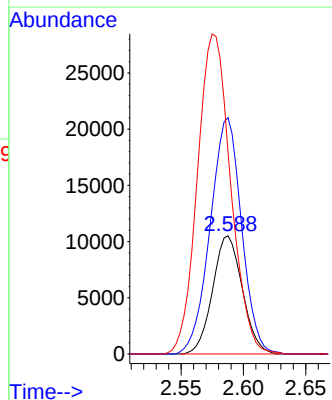
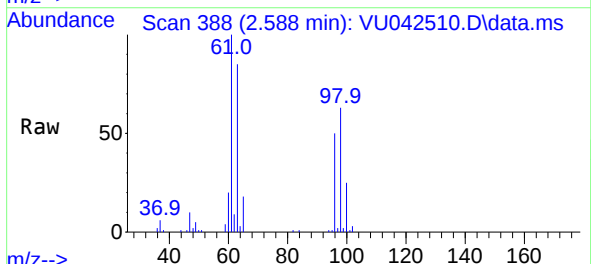
Instrument :  
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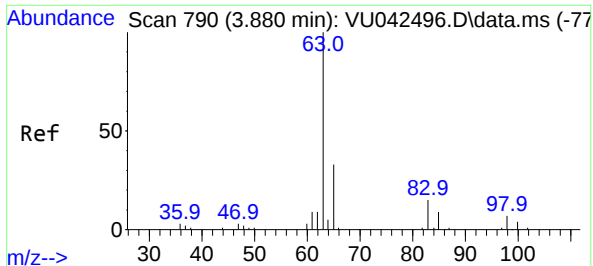
Tgt Ion: 50 Resp: 1254  
Ion Ratio Lower Upper  
50 100  
52 39.7 23.0 42.8



#12  
1,1-Dichloroethene  
Concen: 2.93 ug/L  
RT: 2.588 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VU042510.D  
Acq: 05 Mar 2021 18:16

Tgt Ion: 96 Resp: 17412  
Ion Ratio Lower Upper  
96 100  
61 200.0 126.2 234.4  
63 170.6 77.8 144.4#



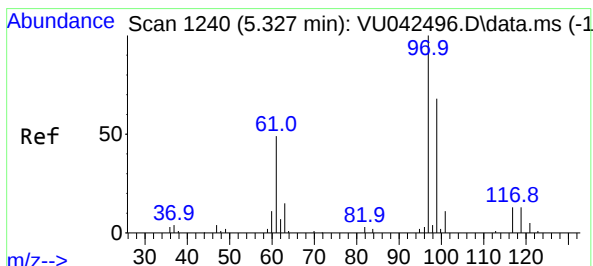
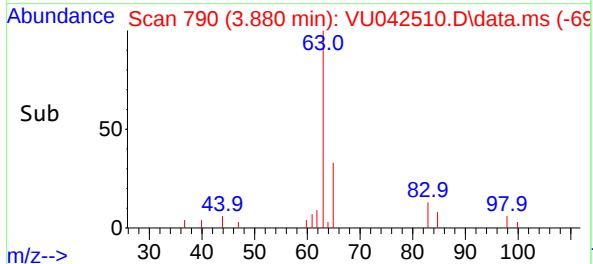
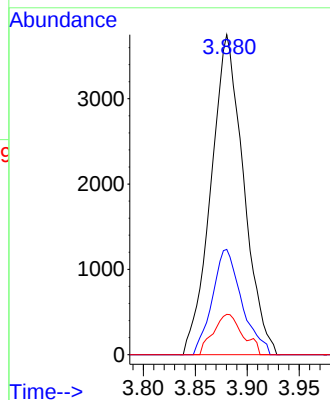
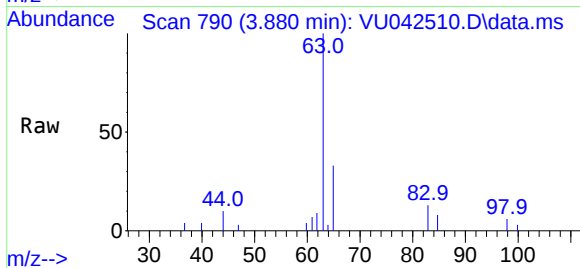


#19

1,1-Dichloroethane  
Concen: 0.68 ug/L  
RT: 3.880 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: VU042510.D  
Acq: 05 Mar 2021 18:16

Instrument :  
MSVOA\_U  
ClientSampled :  
C03T5

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 8174  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 32.9  | 22.5  | 41.9  |
| 83       | 12.6  | 10.1  | 18.7  |



#29

1,1,1-Trichloroethane  
Concen: 7.38 ug/L  
RT: 5.327 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VU042510.D  
Acq: 05 Mar 2021 18:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 82921 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 66.9  | 50.8  | 76.2  |
| 61       | 48.0  | 35.8  | 53.6  |

