

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051823\  
 Data File : VU054166.D  
 Acq On : 18 May 2023 15:36  
 Operator : JC/MD  
 Sample : 02844-22  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBX16

Quant Time: May 19 02:07:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri May 19 02:02:28 2023  
 Response via : Initial Calibration

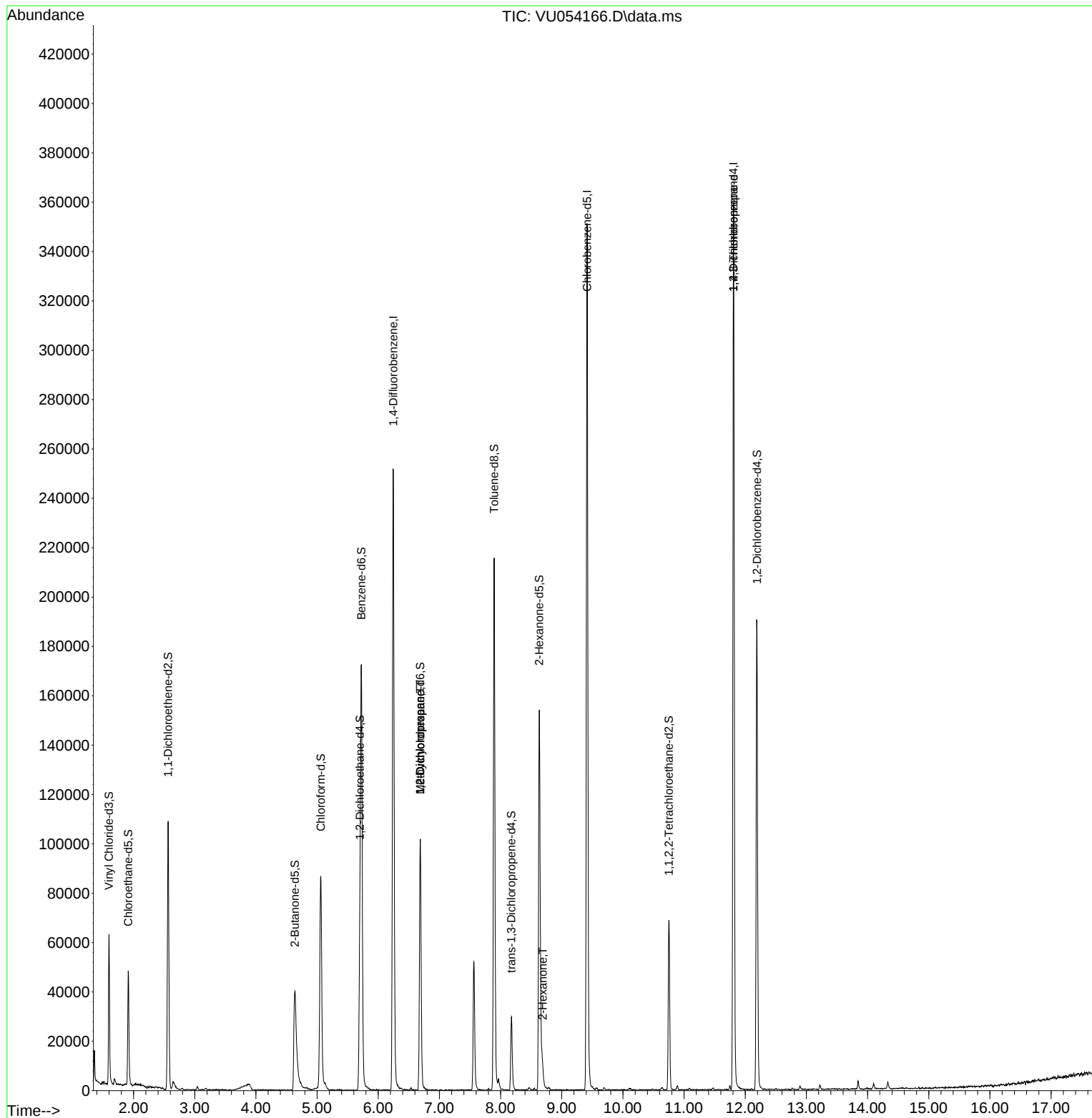
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 213165   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 200180   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 98745    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 46064    | 4.008    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.200%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 35247    | 4.100    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 82.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 20827    | 4.013    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 80.200%  |
| 20) 2-Butanone-d5             | 4.636  | 46    | 79479    | 38.780   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 77.560%  |
| 24) Chloroform-d              | 5.060  | 84    | 81178    | 3.757    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 75.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 39198    | 3.943    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.800%  |
| 32) Benzene-d6                | 5.722  | 84    | 166530   | 4.085    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 49186    | 4.174    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 83.400%  |
| 41) Toluene-d8                | 7.896  | 98    | 149153   | 3.875    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 77.400%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 18883    | 3.968    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 79.400%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 54211    | 38.257   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 76.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 34154    | 4.044    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 80.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 52547    | 4.361    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 87.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 35) Methylcyclohexane         | 6.687  | 83    | 11912    | 0.535    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 5087     | 0.342    | ug/L # | 89       |
| 48) 2-Hexanone                | 8.690  | 43    | 4795     | 0.837    | ug/L # | 37       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75    | 11210    | 1.400    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

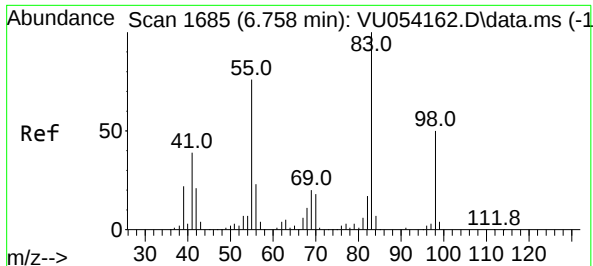
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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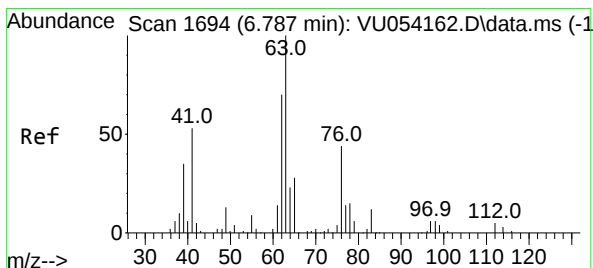
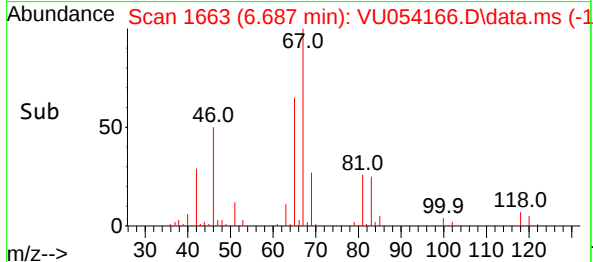
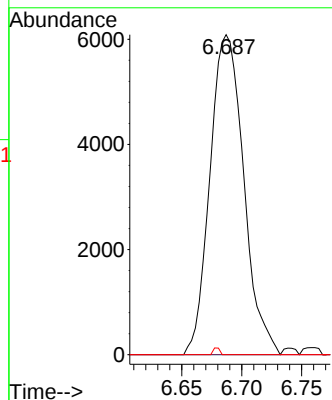
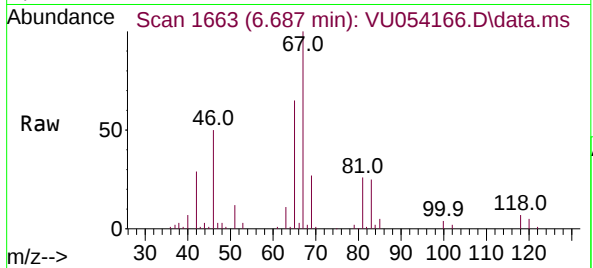




#35  
Methylcyclohexane  
Concen: 0.535 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.071 min  
Lab File: VU054166.D  
Acq: 18 May 2023 15:36

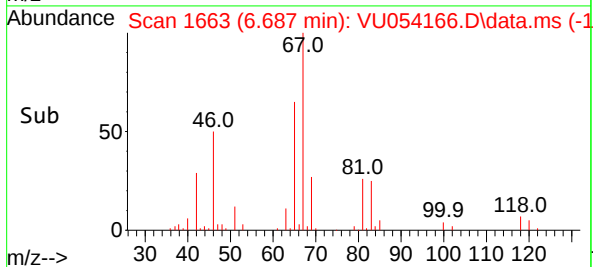
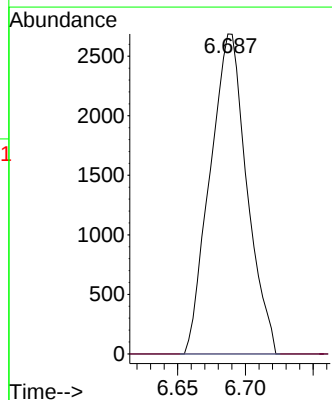
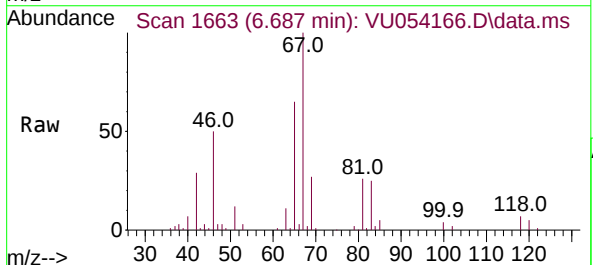
Instrument :  
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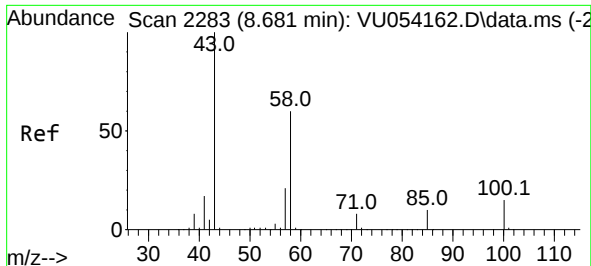
Tgt Ion: 83 Resp: 11912  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.6 92.4#  
98 0.4 41.3 61.9#



#37  
1,2-Dichloropropane  
Concen: 0.342 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.100 min  
Lab File: VU054166.D  
Acq: 18 May 2023 15:36

Tgt Ion: 63 Resp: 5087  
Ion Ratio Lower Upper  
63 100  
112 0.4 3.3 4.9#

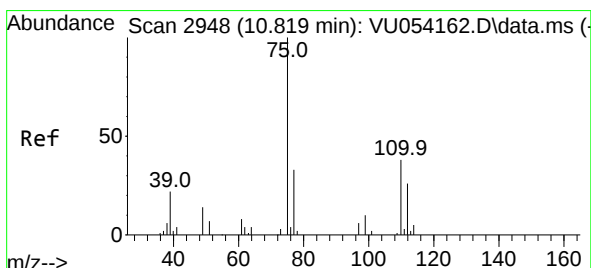
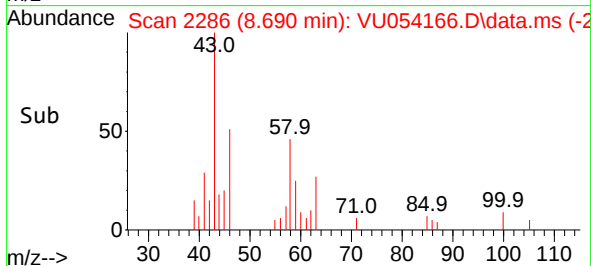
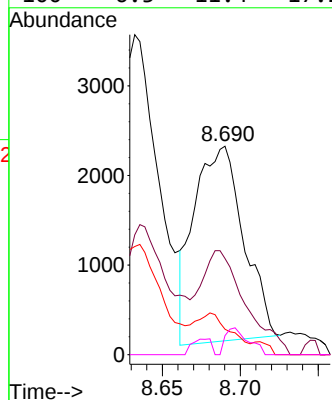
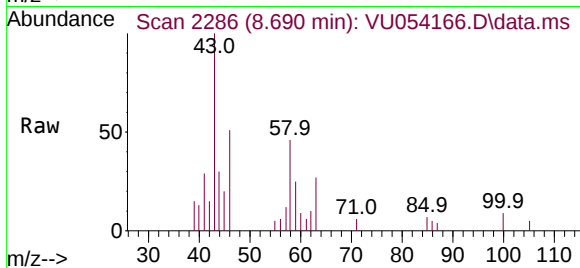




#48  
2-Hexanone  
Concen: 0.837 ug/L  
RT: 8.690 min Scan# 21  
Delta R.T. 0.010 min  
Lab File: VU054166.D  
Acq: 18 May 2023 15:36

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4795  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 0.0   | 48.6  | 72.8# |
| 57       | 0.0   | 16.7  | 25.1# |
| 100      | 6.3   | 11.4  | 17.2# |



#61  
1,2,3-Trichloropropane  
Concen: 1.400 ug/L  
RT: 11.809 min Scan# 3256  
Delta R.T. 0.990 min  
Lab File: VU054166.D  
Acq: 18 May 2023 15:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11210 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 2.1   | 32.3  | 48.5# |
| 77       | 35.0  | 26.3  | 39.5  |

