

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060923\  
 Data File : VU054462.D  
 Acq On : 09 Jun 2023 14:58  
 Operator : MD/SY  
 Sample : 03105-20  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Quant Time: Jun 12 01:01:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jun 12 00:58:03 2023  
 Response via : Initial Calibration

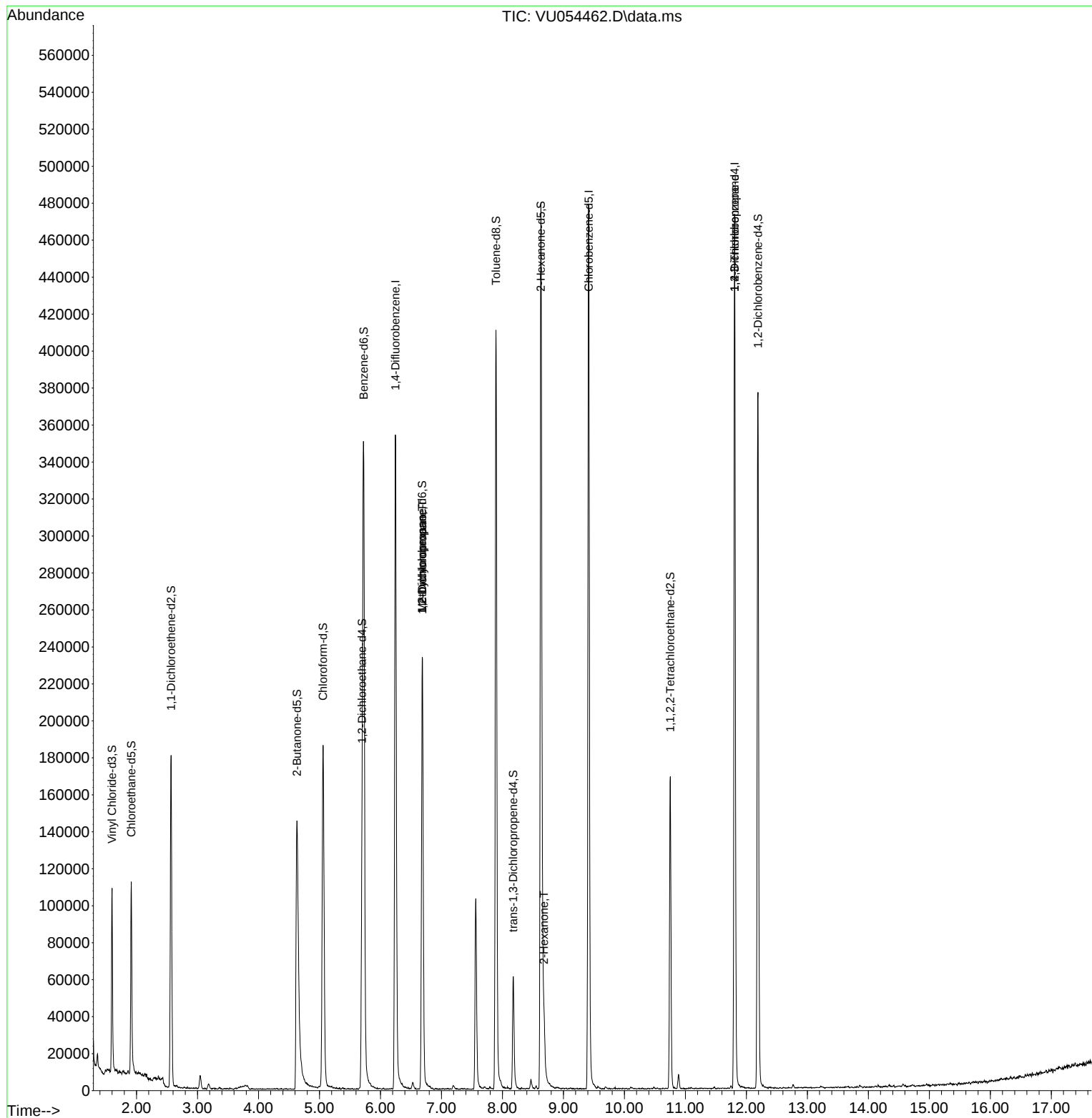
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 294428   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 274778   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 126404   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 76059    | 4.059    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 81.200%  |
| 7) Chloroethane-d5            | 1.914  | 69    | 77989    | 4.445    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.567  | 65    | 35142    | 4.199    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.000%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 263889   | 50.090   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 100.180% |
| 24) Chloroform-d              | 5.058  | 84    | 175914   | 4.491    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 88502    | 4.635    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.800%  |
| 32) Benzene-d6                | 5.724  | 84    | 335831   | 4.397    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 118812   | 4.658    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.200%  |
| 41) Toluene-d8                | 7.894  | 98    | 282904   | 4.173    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 36826    | 4.151    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 83.000%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 169157   | 45.453   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 88997    | 4.679    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 105415   | 4.944    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 98.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 35) Methylcyclohexane         | 6.685  | 83    | 25996    | 0.659    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.689  | 63    | 12253    | 0.459    | ug/L # | 89       |
| 48) 2-Hexanone                | 8.682  | 43    | 16420    | 1.547    | ug/L # | 91       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 16261    | 1.273    | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

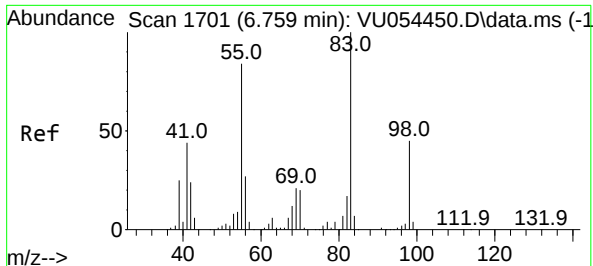
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

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MSVOA\_U

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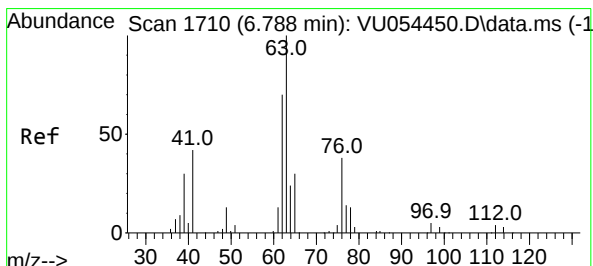
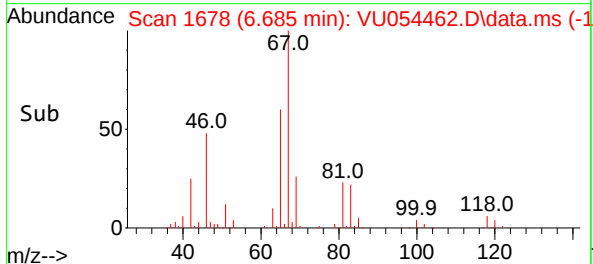
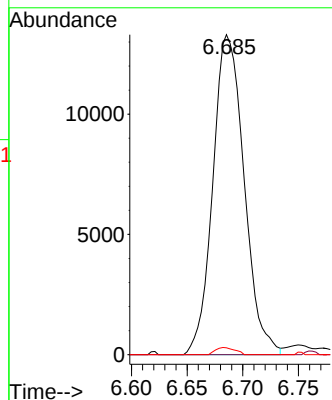
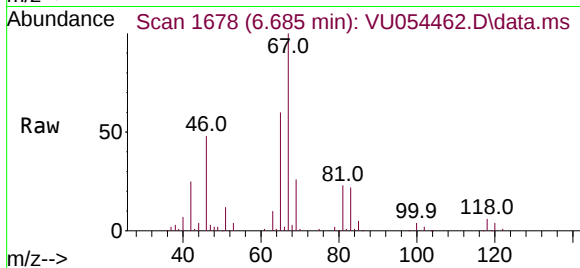
Tgt Ion: 83 Resp: 25996

Ion Ratio Lower Upper

83 100

55 0.0 67.1 100.7#

98 1.4 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.459 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU054462.D

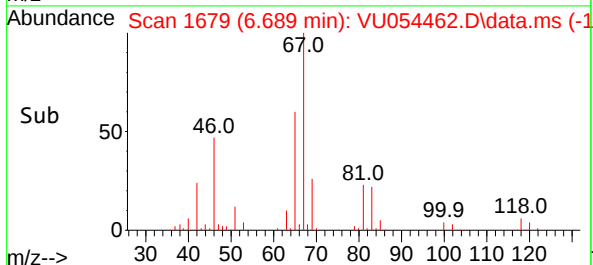
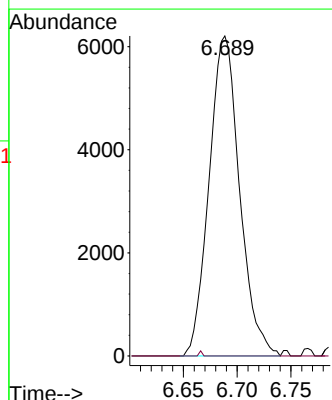
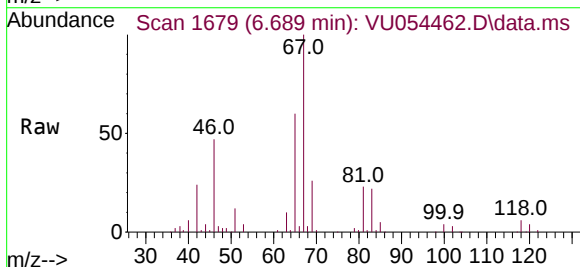
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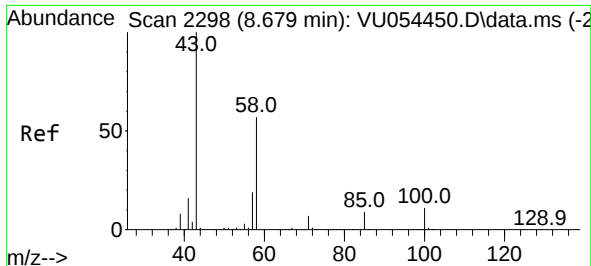
Tgt Ion: 63 Resp: 12253

Ion Ratio Lower Upper

63 100

112 0.2 3.0 4.6#

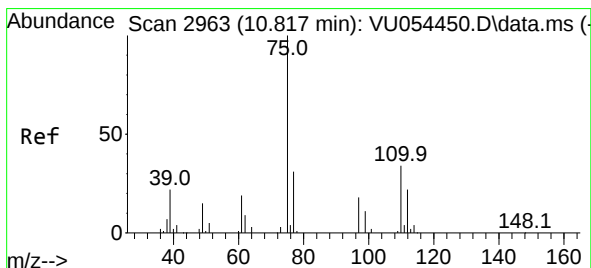
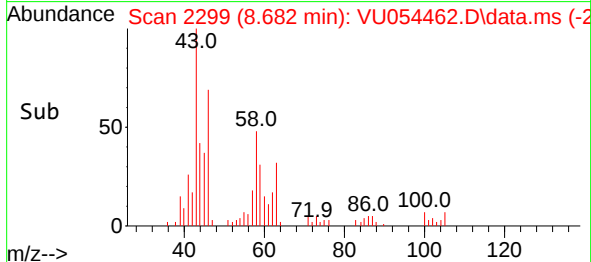
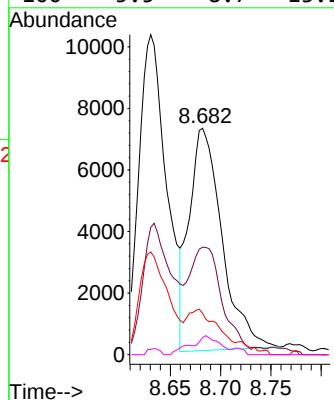
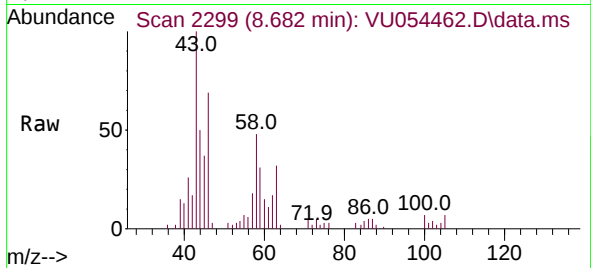




#48  
2-Hexanone  
Concen: 1.547 ug/L  
RT: 8.682 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU054462.D  
Acq: 09 Jun 2023 14:58

Instrument :  
MSVOA\_U  
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|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 16420 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 49.5     | 45.2 67.8   |
| 57 21.9     | 15.8 23.6   |
| 100 5.5     | 8.7 13.1#   |



#61  
1,2,3-Trichloropropane  
Concen: 1.273 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU054462.D  
Acq: 09 Jun 2023 14:58

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 16261 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 110 3.1     | 28.0 42.0#  |
| 77 30.0     | 25.4 38.2   |

