

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062823\  
 Data File : VU054680.D  
 Acq On : 28 Jun 2023 15:30  
 Operator : MD/SY  
 Sample : 03457-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0C52

Quant Time: Jun 29 04:37:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 23 23:55:46 2023  
 Response via : Initial Calibration

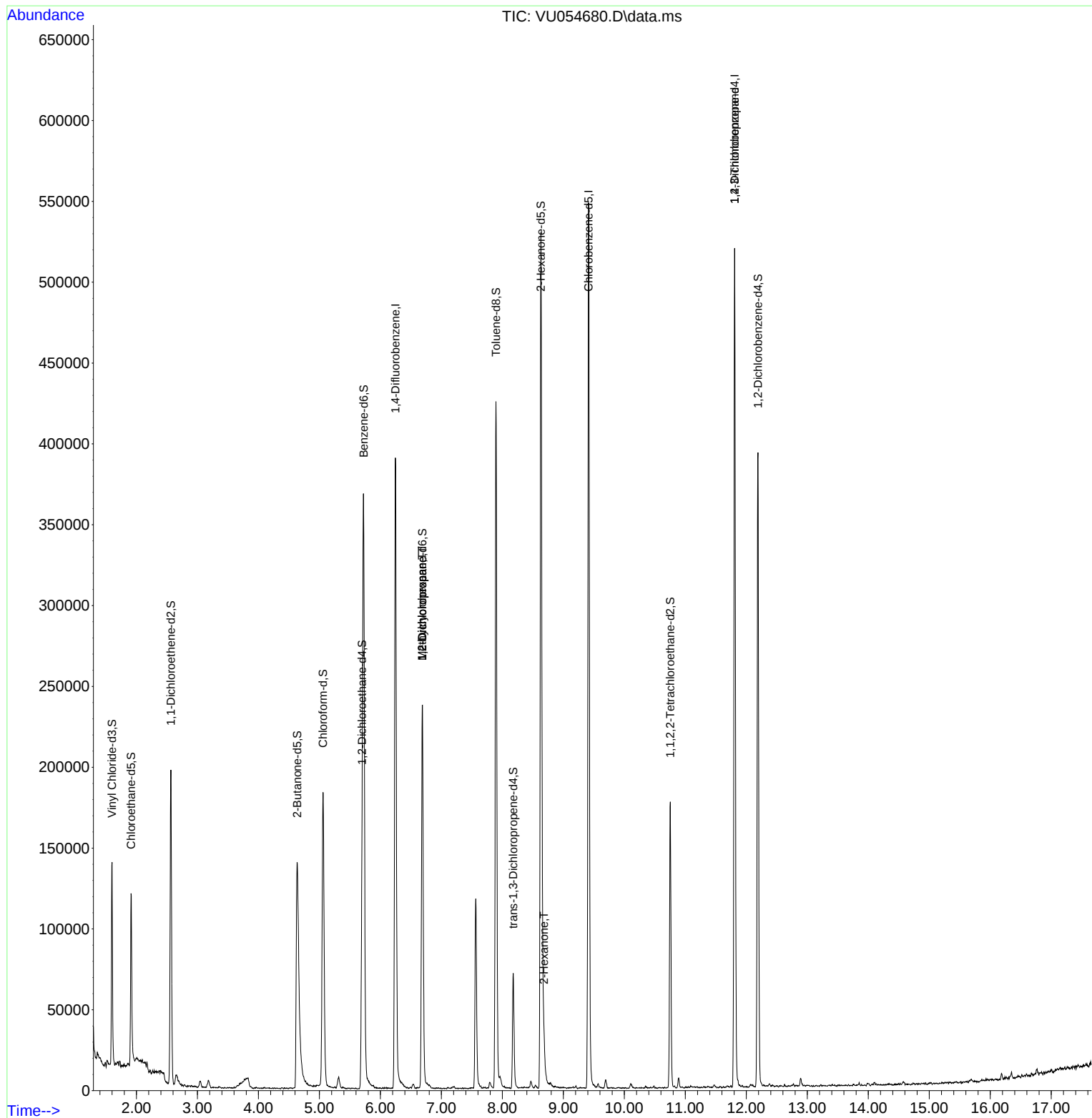
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 309601   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 300558   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 138389   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 95225    | 4.833    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 96.600%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 81700    | 4.429    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 38949    | 4.426    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 88.600%  |
| 20) 2-Butanone-d5             | 4.634  | 46    | 273401   | 49.353   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 98.700%  |
| 24) Chloroform-d              | 5.059  | 84    | 171512   | 4.164    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 90812    | 4.523    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.400%  |
| 32) Benzene-d6                | 5.724  | 84    | 340451   | 4.075    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 120186   | 4.307    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.200%  |
| 41) Toluene-d8                | 7.894  | 98    | 285993   | 3.857    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 77.200%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 42029    | 4.332    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.600%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 176040   | 43.245   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 86.500%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 88255    | 4.242    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 84.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 100991   | 4.327    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 86.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.685  | 83    | 26006    | 0.602    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 12387    | 0.424    | ug/L # | 89       |
| 48) 2-Hexanone                | 8.682  | 43    | 12133    | 1.045    | ug/L # | 71       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 18629    | 1.332    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

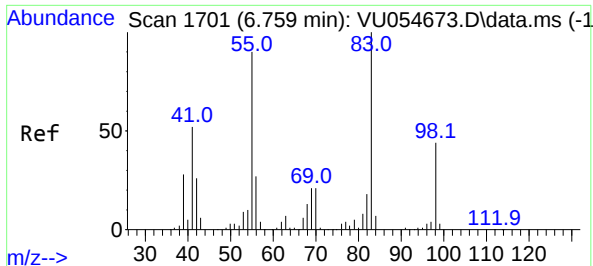
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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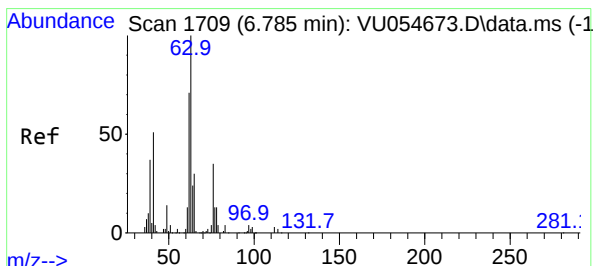
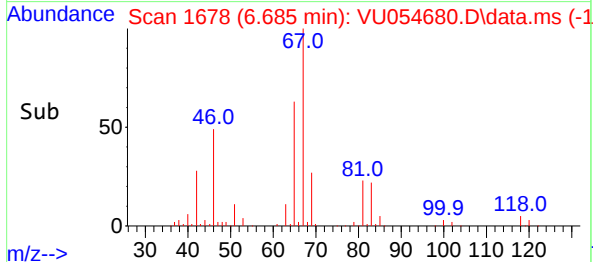
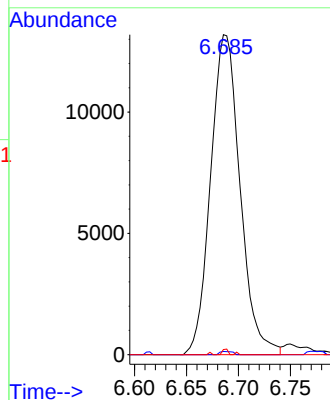
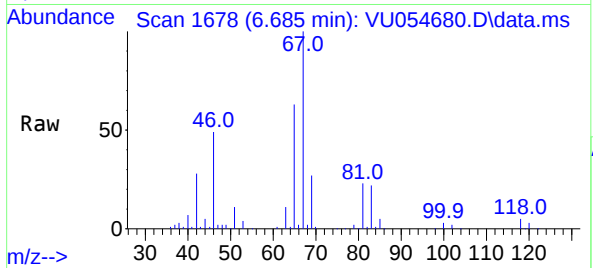




#35  
Methylcyclohexane  
Concen: 0.602 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.074 min  
Lab File: VU054680.D  
Acq: 28 Jun 2023 15:30

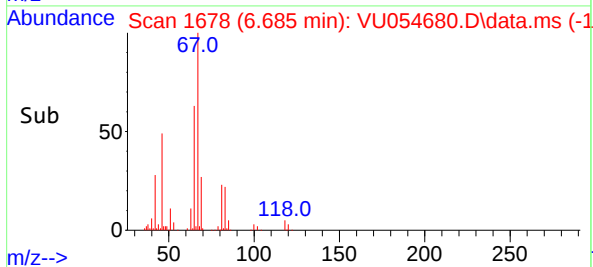
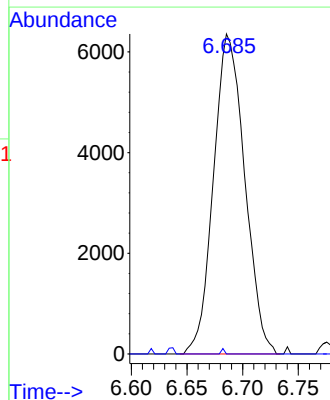
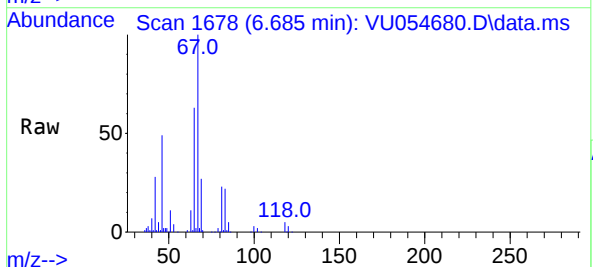
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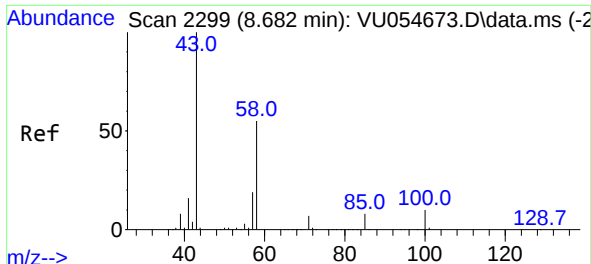
Tgt Ion: 83 Resp: 26006  
Ion Ratio Lower Upper  
83 100  
55 0.4 67.1 100.7#  
98 0.3 35.1 52.7#



#37  
1,2-Dichloropropane  
Concen: 0.424 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.100 min  
Lab File: VU054680.D  
Acq: 28 Jun 2023 15:30

Tgt Ion: 63 Resp: 12387  
Ion Ratio Lower Upper  
63 100  
112 0.2 3.0 4.6#

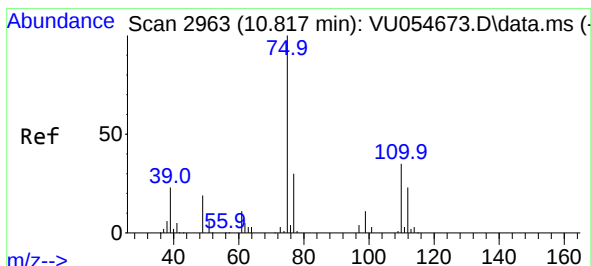
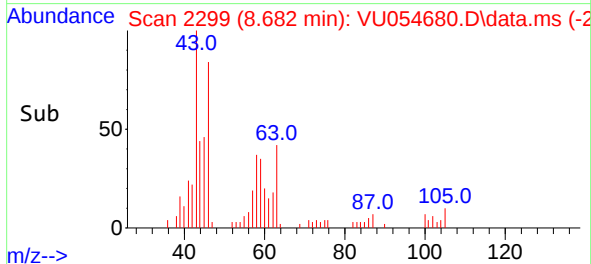
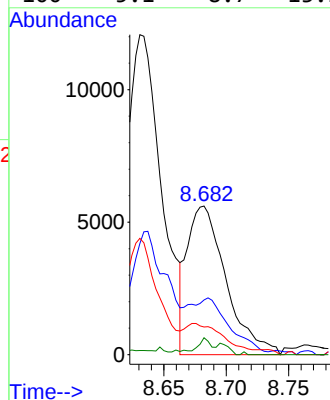
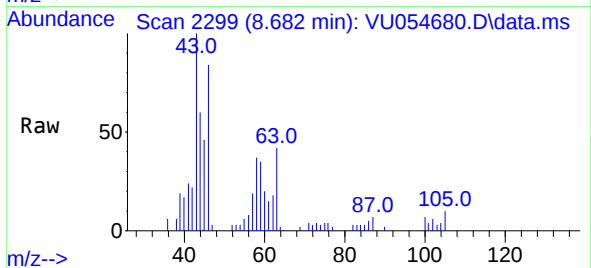




#48  
2-Hexanone  
Concen: 1.045 ug/L  
RT: 8.682 min Scan# 2113  
Delta R.T. 0.003 min  
Lab File: VU054680.D  
Acq: 28 Jun 2023 15:30

Instrument :  
MSVOA\_U  
ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 12133 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 26.9  | 45.2  | 67.8# |
| 57       | 17.1  | 15.8  | 23.6  |
| 100      | 5.1   | 8.7   | 13.1# |



#61  
1,2,3-Trichloropropane  
Concen: 1.332 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.987 min  
Lab File: VU054680.D  
Acq: 28 Jun 2023 15:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 18629 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 1.6   | 28.0  | 42.0# |
| 77       | 30.0  | 25.4  | 38.2  |

