

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092523\  
 Data File : VU055497.D  
 Acq On : 25 Sep 2023 15:58  
 Operator : MD/SY  
 Sample : 04579-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 26 01:23:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Sep 25 01:08:17 2023  
 Response via : Initial Calibration

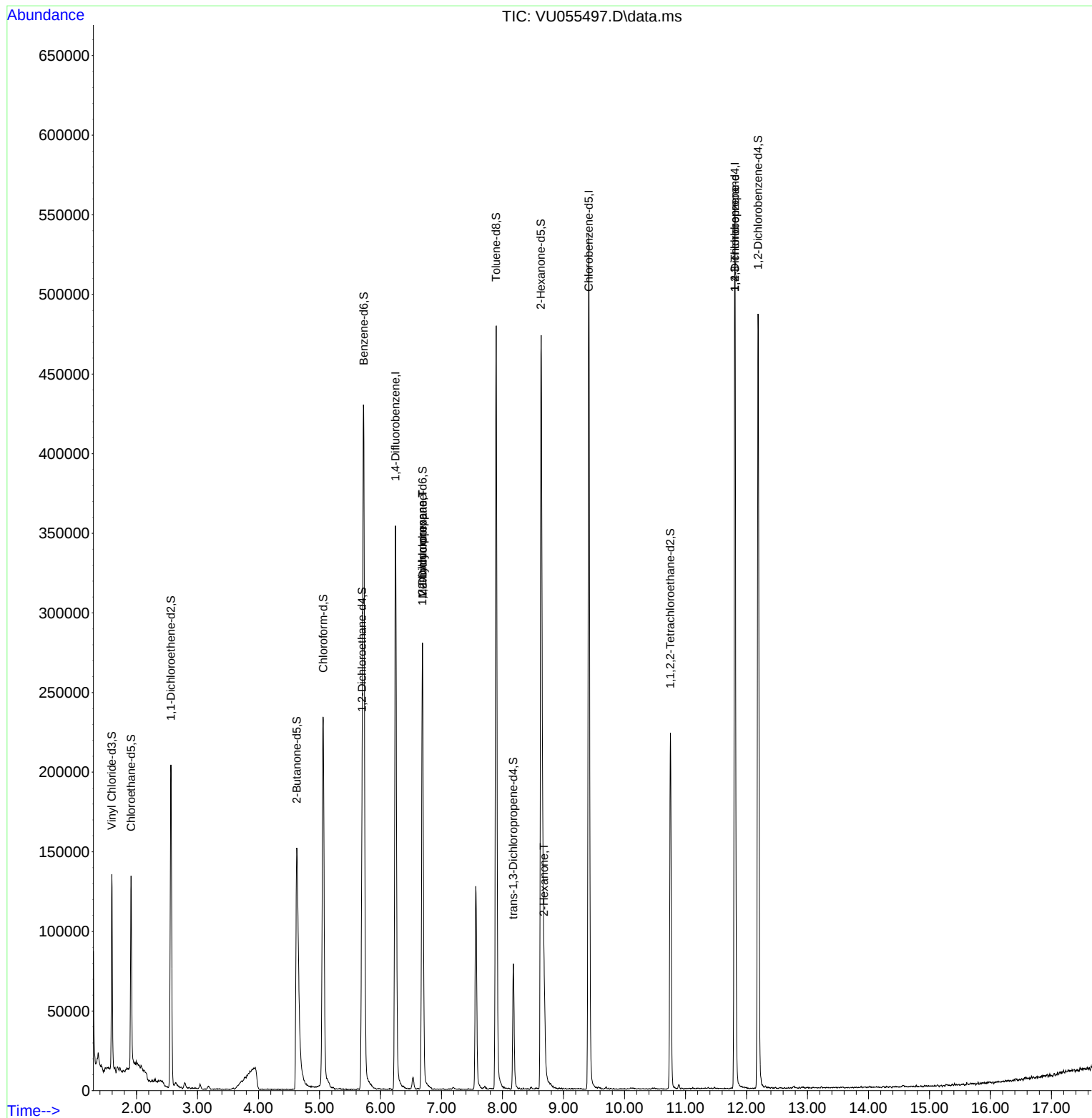
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 304125   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 315477   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152   | 154002   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 86219    | 2.805    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 56.000%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 85913    | 3.172    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 63.400%# |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 38531    | 3.045    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 61.000%  |
| 20) 2-Butanone-d5             | 4.627  | 46    | 276861   | 49.867   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 99.740%  |
| 24) Chloroform-d              | 5.058  | 84    | 226532   | 4.075    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 119058   | 4.452    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.000%  |
| 32) Benzene-d6                | 5.724  | 84    | 422159   | 3.826    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 76.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 140537   | 4.263    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 85.200%  |
| 41) Toluene-d8                | 7.894  | 98    | 339743   | 3.378    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 67.600%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 46948    | 4.058    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.200%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 149882   | 42.588   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 85.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 114228   | 4.623    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 133863   | 4.307    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 86.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.689  | 83    | 33611    | 0.908    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 14562    | 0.613    | ug/L # | 89       |
| 48) 2-Hexanone                | 8.682  | 43    | 35347    | 4.234    | ug/L # | 85       |
| 61) 1,2,3-Trichloropropane    | 11.810 | 75    | 17374    | 1.445    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

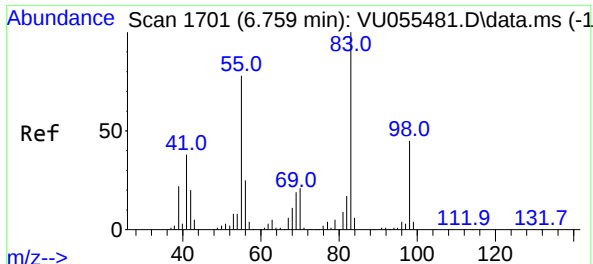
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.908 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

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MSVOA\_U

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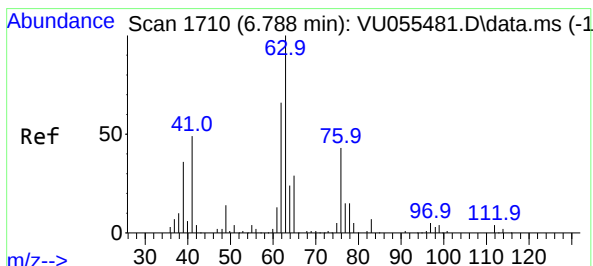
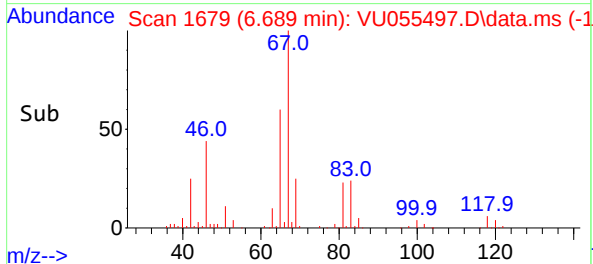
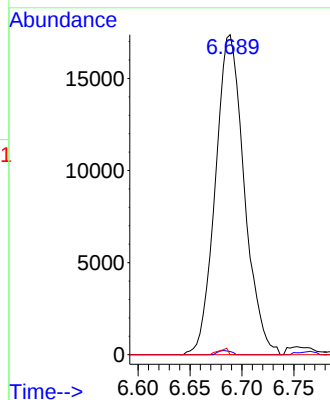
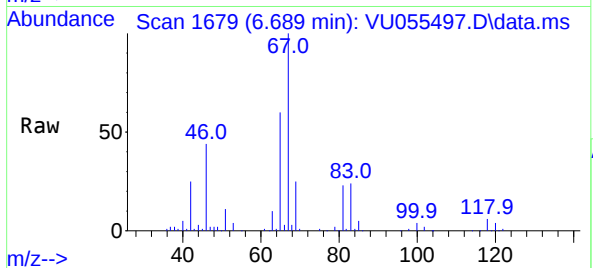
Tgt Ion: 83 Resp: 33611

Ion Ratio Lower Upper

83 100

55 0.6 59.1 88.7#

98 0.6 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.613 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.103 min

Lab File: VU055497.D

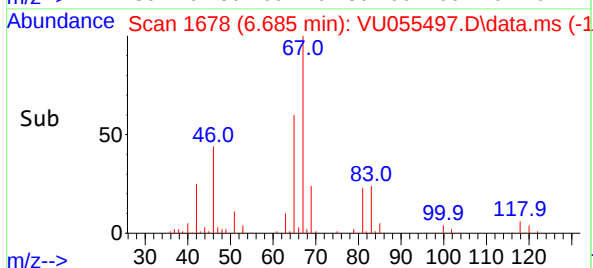
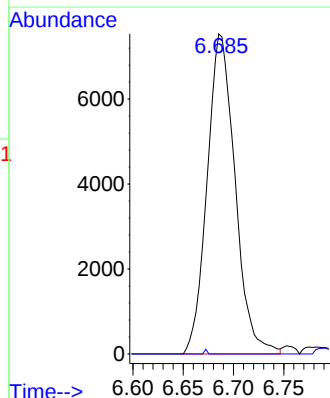
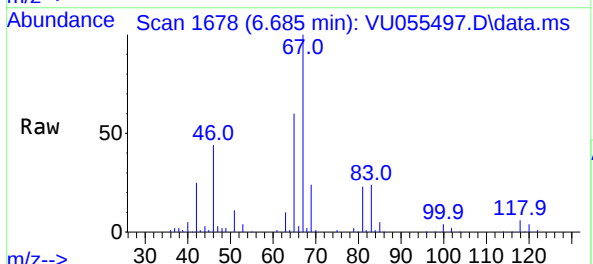
Acq: 25 Sep 2023 15:58

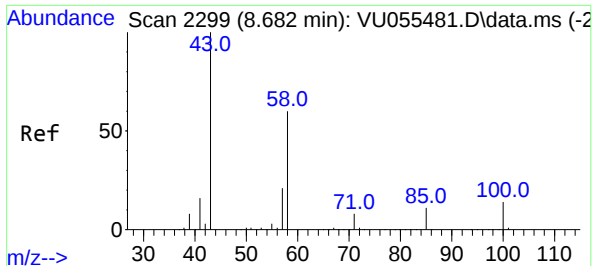
Tgt Ion: 63 Resp: 14562

Ion Ratio Lower Upper

63 100

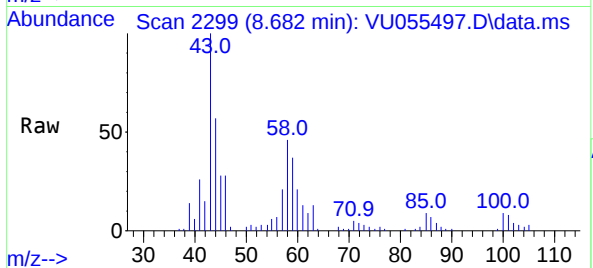
112 0.1 3.0 4.6#



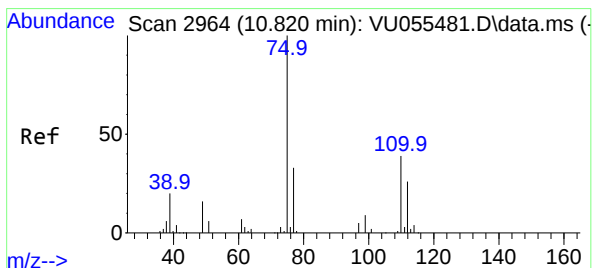
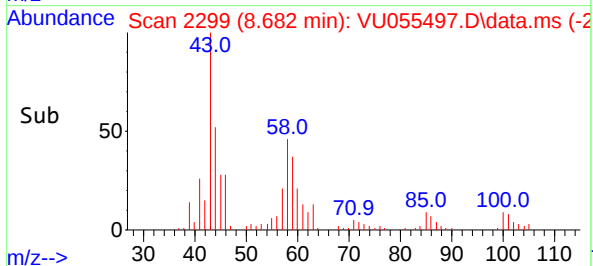
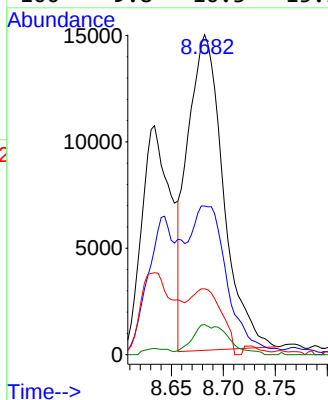


#48  
2-Hexanone  
Concen: 4.234 ug/L  
RT: 8.682 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU055497.D  
Acq: 25 Sep 2023 15:58

Instrument :  
MSVOA\_U  
ClientSampleId :



|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 35347 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 46.2     | 48.5 72.7#  |
| 57 17.3     | 17.0 25.4   |
| 100 9.8     | 10.3 15.5#  |



#61  
1,2,3-Trichloropropane  
Concen: 1.445 ug/L  
RT: 11.810 min Scan# 3272  
Delta R.T. 0.990 min  
Lab File: VU055497.D  
Acq: 25 Sep 2023 15:58

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 17374 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 110 2.7     | 30.6 45.8#  |
| 77 31.4     | 26.7 40.1   |

