

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091523\  
 Data File : VU055361.D  
 Acq On : 16 Sep 2023 00:18  
 Operator : MD/SY  
 Sample : 04380-14  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 16 00:47:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091523WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Sep 16 00:42:29 2023  
 Response via : Initial Calibration

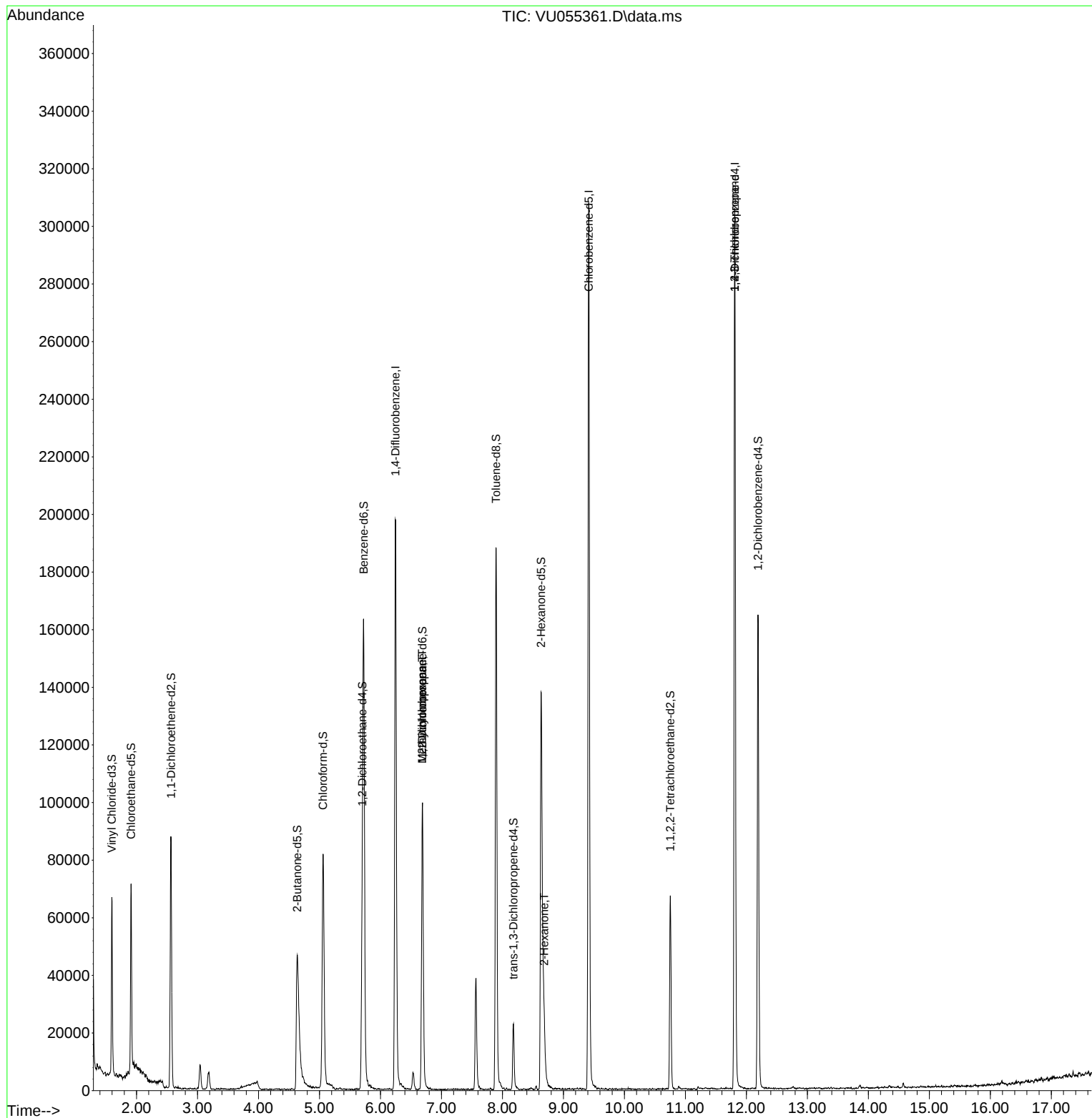
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 162204   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 169263   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152   | 77279    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 43388    | 4.654    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 93.000%  |
| 7) Chloroethane-d5            | 1.910  | 69    | 44818    | 4.259    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 85.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.566  | 65    | 16225    | 4.811    | ug/L   | 0.01     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 96.200%  |
| 20) 2-Butanone-d5             | 4.634  | 46    | 81807    | 31.732   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 63.460%  |
| 24) Chloroform-d              | 5.058  | 84    | 77247    | 3.710    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 74.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65    | 41077    | 3.910    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.200%  |
| 32) Benzene-d6                | 5.724  | 84    | 152011   | 4.284    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.688  | 67    | 47203    | 3.904    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 78.000%  |
| 41) Toluene-d8                | 7.894  | 98    | 128390   | 4.197    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.000%  |
| 43) trans-1,3-Dichloroprop... | 8.180  | 79    | 13442    | 3.133    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 62.600%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 43344    | 27.771   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 55.540%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 34425    | 3.274    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 65.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 42555    | 4.276    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 85.600%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 35) Methylcyclohexane         | 6.685  | 83    | 11936    | 0.515    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 6141     | 0.417    | ug/L # | 89       |
| 48) 2-Hexanone                | 8.685  | 43    | 14635    | 2.781    | ug/L # | 78       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 10664    | 1.425    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

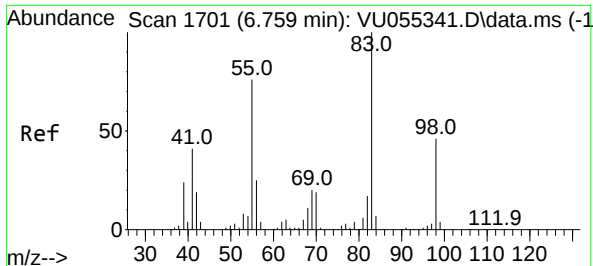
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.515 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055361.D

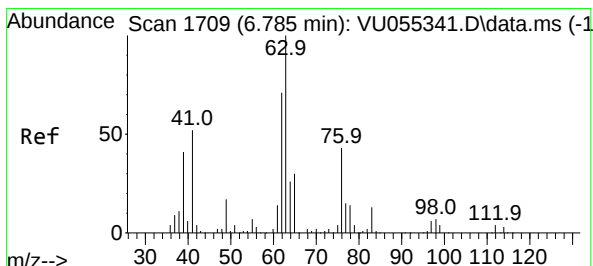
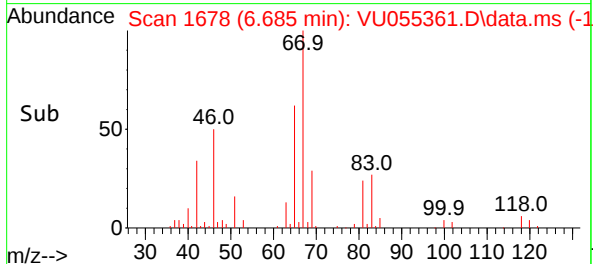
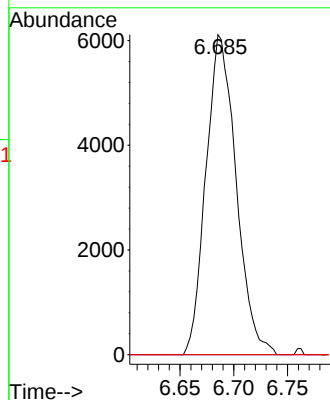
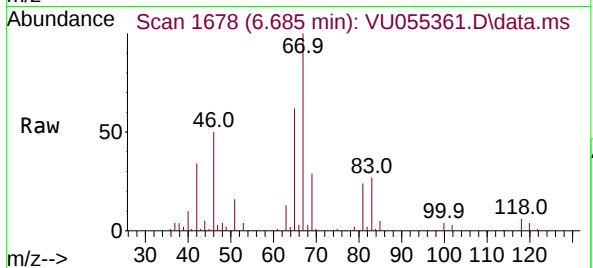
Acq: 16 Sep 2023 00:18

Instrument :

MSVOA\_U

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 11936    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 0.4 58.7 88.1# |
| 98          | 0.8 36.3 54.5# |



#37

1,2-Dichloropropane

Concen: 0.417 ug/L

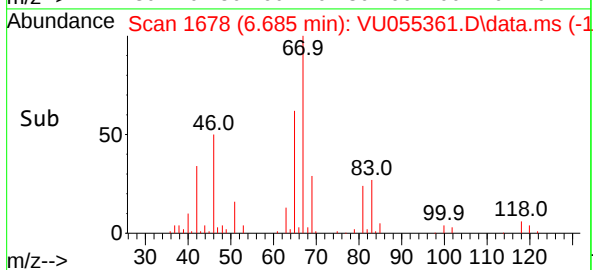
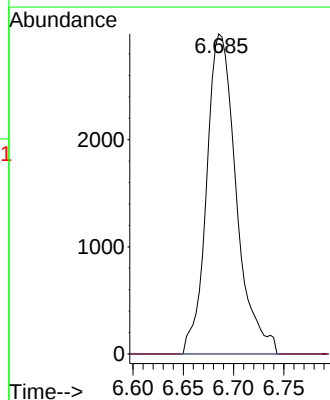
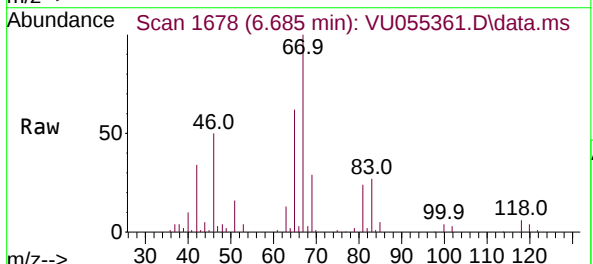
RT: 6.685 min Scan# 1678

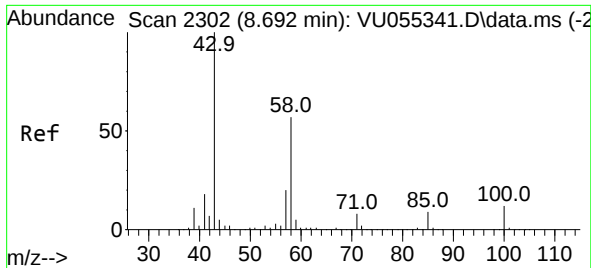
Delta R.T. -0.100 min

Lab File: VU055361.D

Acq: 16 Sep 2023 00:18

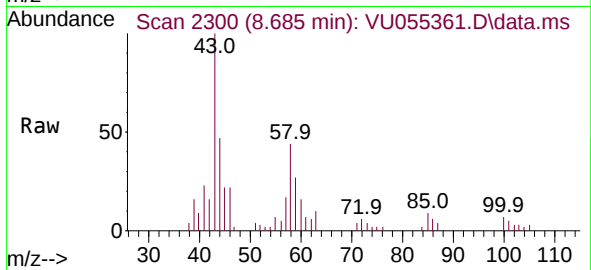
|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 6141   |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.0 3.0 4.4# |





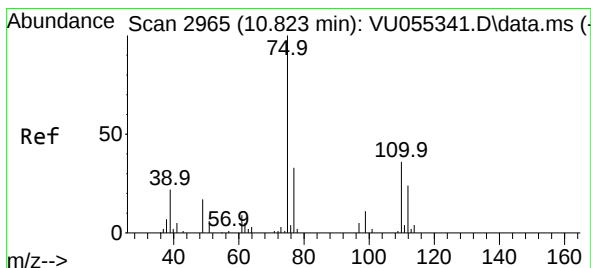
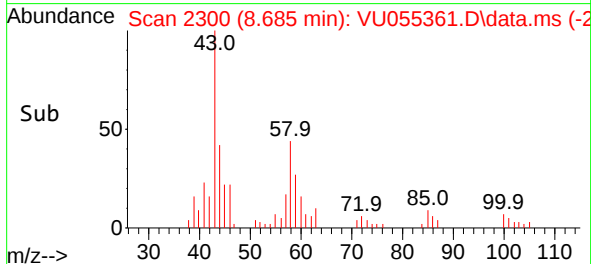
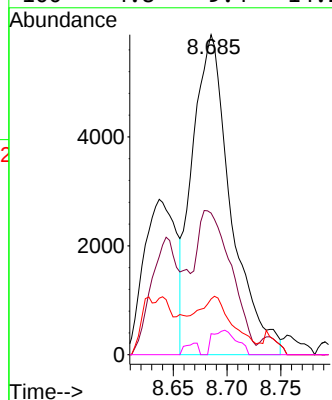
#48  
2-Hexanone  
Concen: 2.781 ug/L  
RT: 8.685 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: VU055361.D  
Acq: 16 Sep 2023 00:18

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MSVOA\_U  
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Tgt Ion: 43 Resp: 14635

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 40.9  | 47.8  | 71.6# |
| 57  | 11.8  | 15.4  | 23.2# |
| 100 | 4.8   | 9.4   | 14.2# |



#61  
1,2,3-Trichloropropane  
Concen: 1.425 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.984 min  
Lab File: VU055361.D  
Acq: 16 Sep 2023 00:18

Tgt Ion: 75 Resp: 10664

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 2.1   | 31.4  | 47.2# |
| 77  | 31.2  | 26.0  | 39.0  |

