

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110723\  
 Data File : VU056099.D  
 Acq On : 07 Nov 2023 15:22  
 Operator : MD/SY  
 Sample : 05281-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 08 00:44:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR110723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 08 00:38:11 2023  
 Response via : Initial Calibration

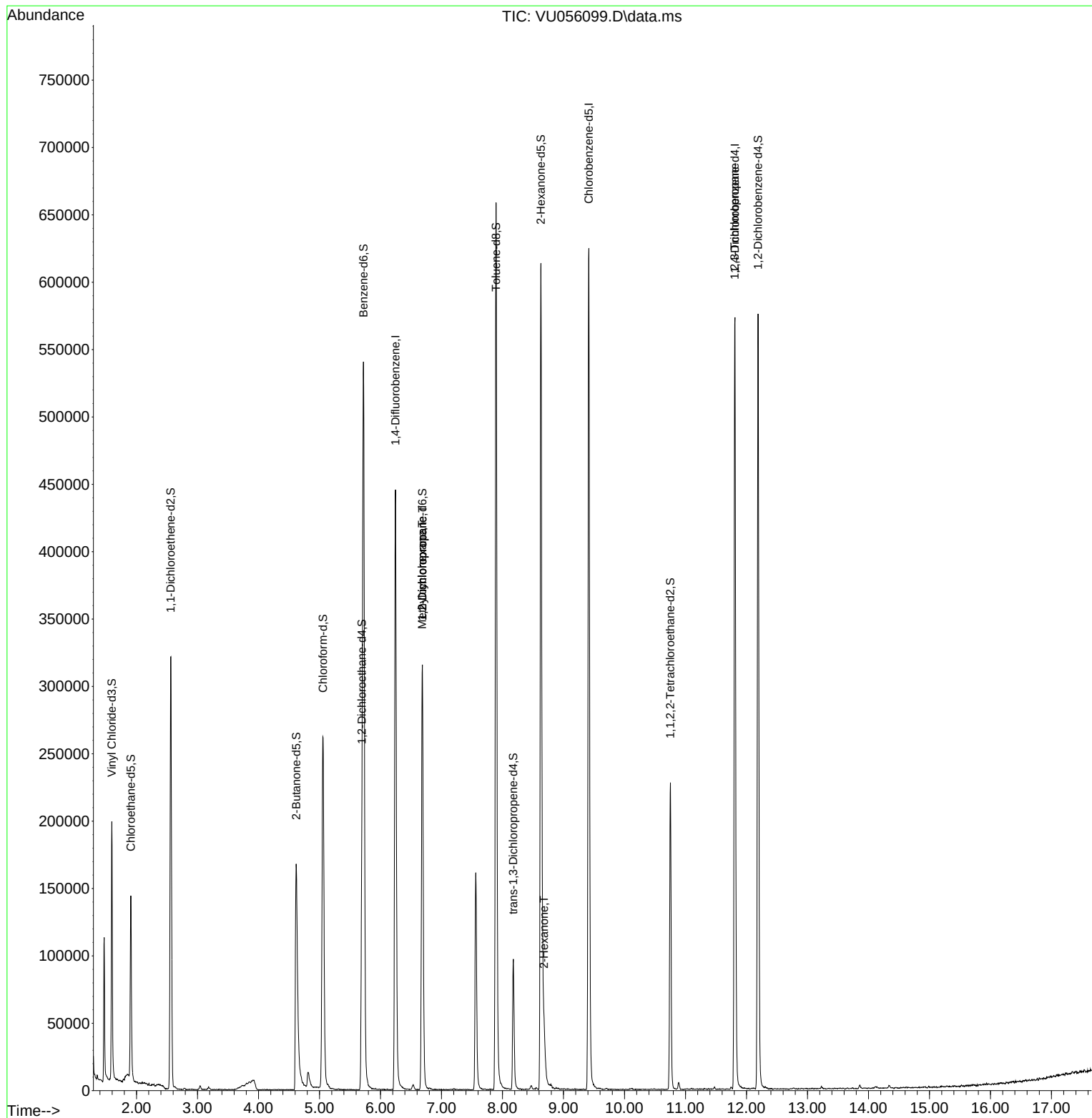
| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|-----------|----------|
| Internal Standards            |        |        |          |          |        |           |          |
| 1) 1,4-Difluorobenzene        |        | 6.245  | 114      | 376848   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          |        | 9.415  | 117      | 380795   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.811 | 152      | 162772   | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |        |          |          |        |           |          |
| 4) Vinyl Chloride-d3          |        | 1.596  | 65       | 138536   | 5.923  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 40 - 130 | Recovery | =      | 118.400%  |          |
| 7) Chloroethane-d5            |        | 1.907  | 69       | 109897   | 6.923  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 130 | Recovery | =      | 138.400%# |          |
| 11) 1,1-Dichloroethene-d2     |        | 2.560  | 65       | 61417    | 5.960  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 125 | Recovery | =      | 119.200%  |          |
| 20) 2-Butanone-d5             |        | 4.618  | 46       | 262599   | 68.431 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 40 - 130 | Recovery | =      | 136.860%# |          |
| 24) Chloroform-d              |        | 5.055  | 84       | 260032   | 5.840  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 116.800%  |          |
| 26) 1,2-Dichloroethane-d4     |        | 5.695  | 65       | 122711   | 6.259  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 125.200%  |          |
| 32) Benzene-d6                |        | 5.721  | 84       | 539125   | 5.895  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 117.800%  |          |
| 36) 1,2-Dichloropropane-d6    |        | 6.685  | 67       | 159421   | 5.922  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 140 | Recovery | =      | 118.400%  |          |
| 41) Toluene-d8                |        | 7.894  | 98       | 467009   | 5.572  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 111.400%  |          |
| 43) trans-1,3-Dichloroprop... |        | 8.177  | 79       | 59616    | 5.793  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 55 - 130 | Recovery | =      | 115.800%  |          |
| 46) 2-Hexanone-d5             |        | 8.627  | 63       | 208286   | 61.752 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 45 - 130 | Recovery | =      | 123.500%  |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.753 | 84       | 116454   | 6.061  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 120 | Recovery | =      | 121.200%# |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 12.190 | 152      | 161667   | 6.441  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 80 - 120 | Recovery | =      | 128.800%# |          |
| Target Compounds              |        |        |          |          |        |           | Qvalue   |
| 35) Methylcyclohexane         |        | 6.682  | 83       | 38350    | 0.866  | ug/L #    | 19       |
| 37) 1,2-Dichloropropane       |        | 6.685  | 63       | 16535    | 0.583  | ug/L #    | 88       |
| 48) 2-Hexanone                |        | 8.679  | 43       | 17959    | 1.989  | ug/L #    | 81       |
| 61) 1,2,3-Trichloropropane    |        | 11.807 | 75       | 19233    | 1.369  | ug/L #    | 69       |

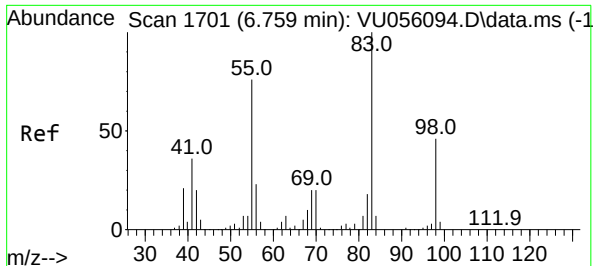
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056099.D

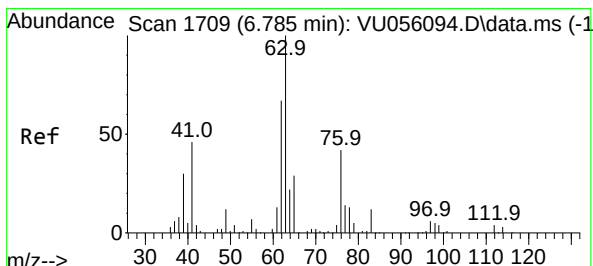
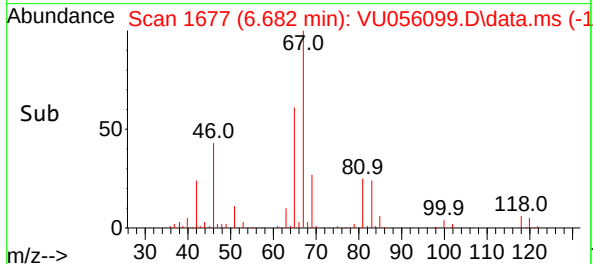
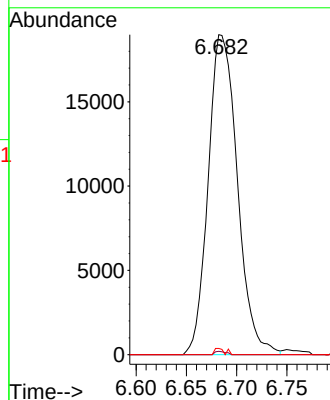
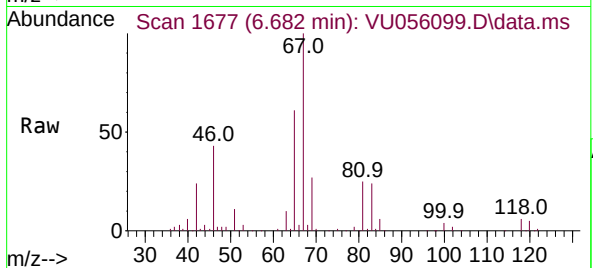
Acq: 07 Nov 2023 15:22

Instrument :

MSVOA\_U

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 38350    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 0.4 60.6 91.0# |
| 98          | 0.7 36.2 54.4# |



#37

1,2-Dichloropropane

Concen: 0.583 ug/L

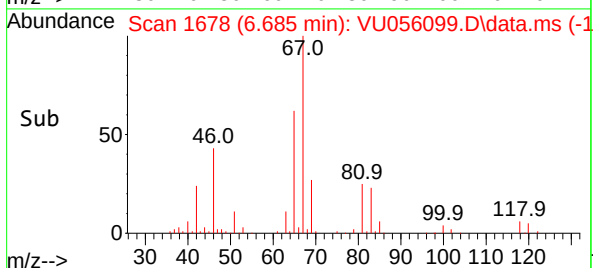
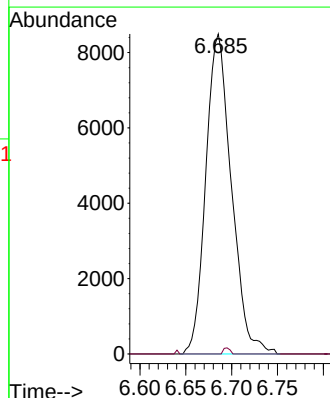
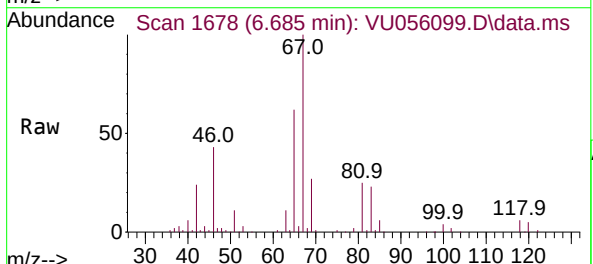
RT: 6.685 min Scan# 1678

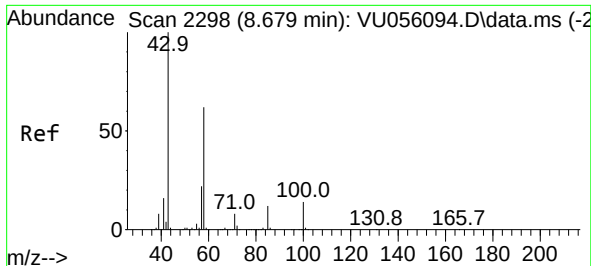
Delta R.T. -0.100 min

Lab File: VU056099.D

Acq: 07 Nov 2023 15:22

|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 16535  |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.5 3.4 5.2# |

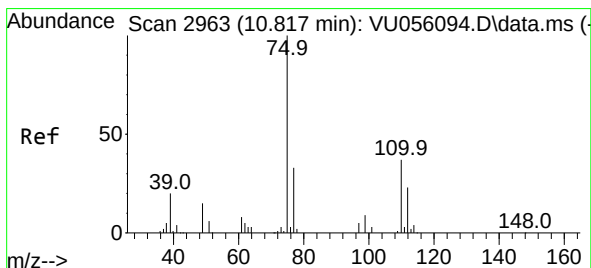
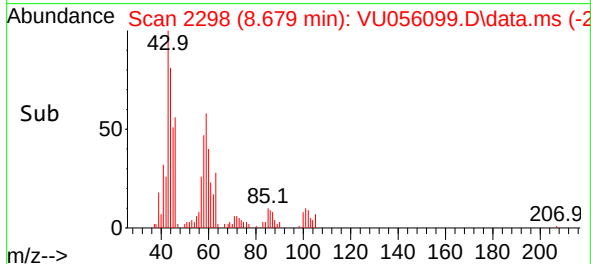
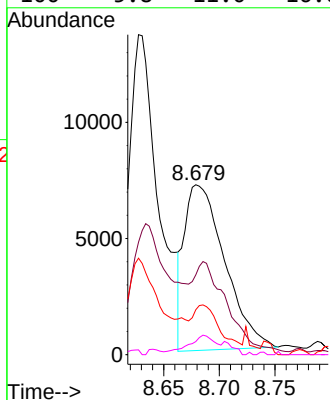
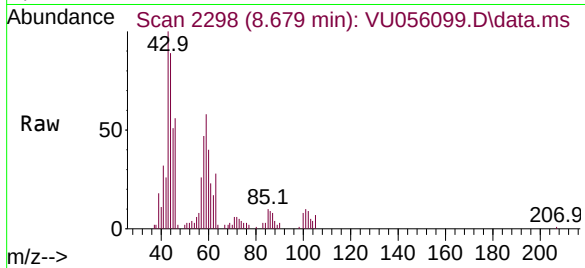




#48  
2-Hexanone  
Concen: 1.989 ug/L  
RT: 8.679 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU056099.D  
Acq: 07 Nov 2023 15:22

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Tgt Ion: 43 Resp: 17959  
Ion Ratio Lower Upper  
43 100  
58 45.6 52.0 78.0#  
57 20.3 17.4 26.2  
100 5.8 11.0 16.6#



#61  
1,2,3-Trichloropropane  
Concen: 1.369 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU056099.D  
Acq: 07 Nov 2023 15:22

Tgt Ion: 75 Resp: 19233  
Ion Ratio Lower Upper  
75 100  
110 3.2 29.7 44.5#  
77 31.1 25.5 38.3

