

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111723\  
 Data File : VU056440.D  
 Acq On : 17 Nov 2023 14:25  
 Operator : MD/SY  
 Sample : 05389-13  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 17 23:21:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 17 23:14:39 2023  
 Response via : Initial Calibration

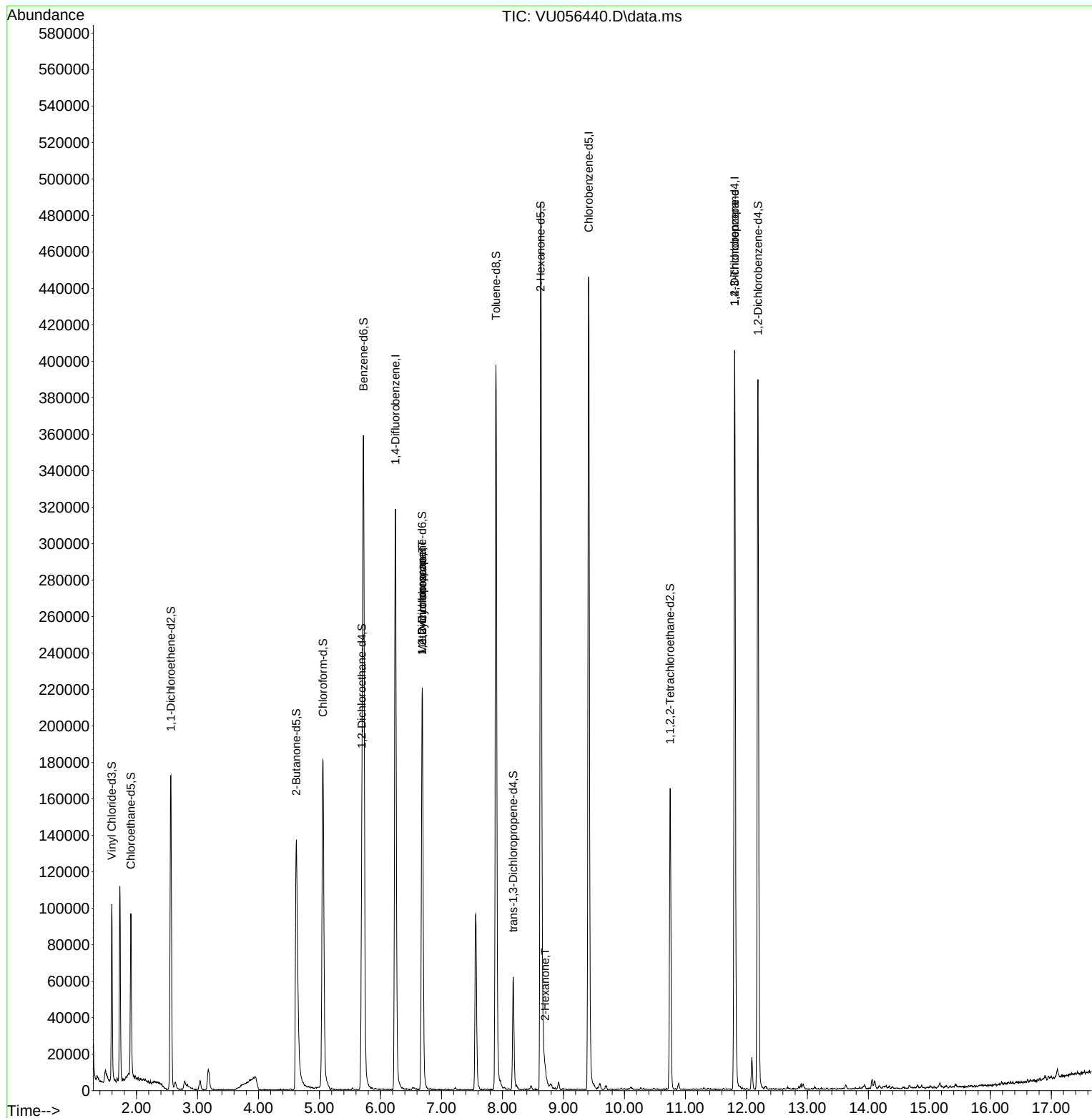
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 264151   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 256161   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 110880   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 67994    | 3.441  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 68.800%  |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 65504    | 4.324  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 86.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 34017    | 3.901  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 78.000%  |          |
| 20) 2-Butanone-d5             | 4.621  | 46             | 207999   | 52.796 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 105.600% |          |
| 24) Chloroform-d              | 5.058  | 84             | 174063   | 4.555  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 92788    | 5.254  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 105.000% |          |
| 32) Benzene-d6                | 5.721  | 84             | 348804   | 4.570  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 110551   | 4.806  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 96.200%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 277588   | 4.119  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 82.400%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 37239    | 4.221  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 84.400%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 166754   | 48.100 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 96.200%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84             | 83625    | 5.088  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 101.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 101134   | 4.937  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 98.800%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 35) Methylcyclohexane         | 6.689  | 83             | 26318    | 0.915  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.682  | 63             | 12010    | 0.630  | ug/L #   | 88       |
| 48) 2-Hexanone                | 8.701  | 43             | 5958     | 0.809  | ug/L #   | 91       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 13156    | 1.383  | ug/L #   | 66       |

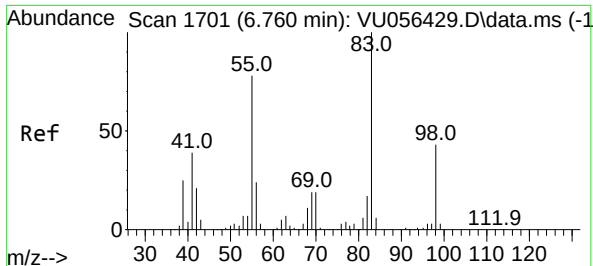
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.915 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU056440.D

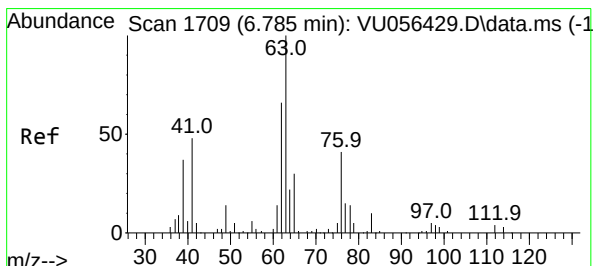
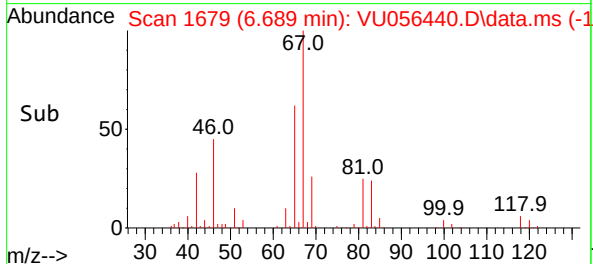
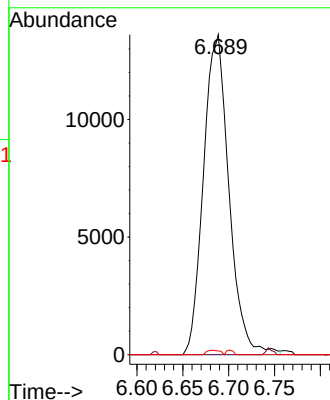
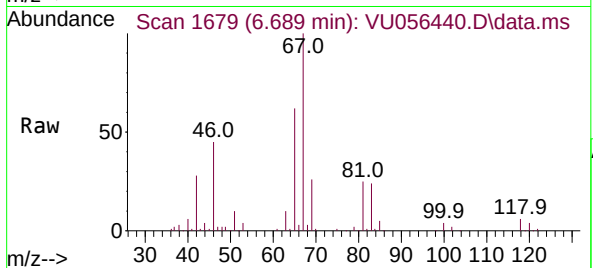
Acq: 17 Nov 2023 14:25

Instrument :

MSVOA\_U

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 26318 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.2      | 62.9 94.3#  |
| 98 0.7      | 35.3 52.9#  |



#37

1,2-Dichloropropane

Concen: 0.630 ug/L

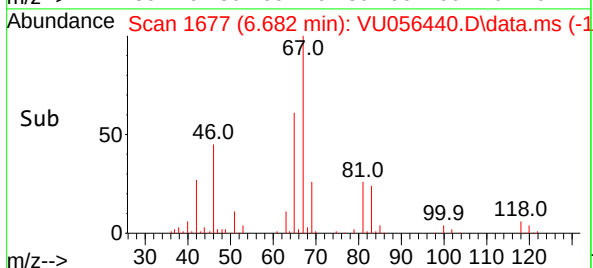
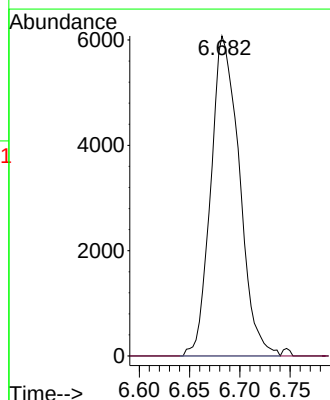
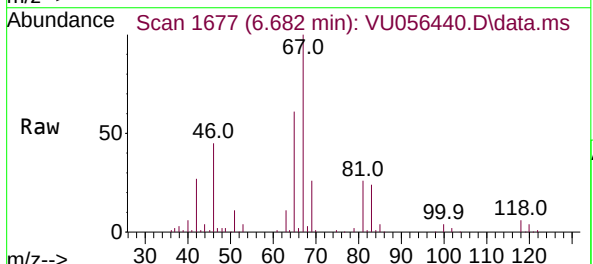
RT: 6.682 min Scan# 1677

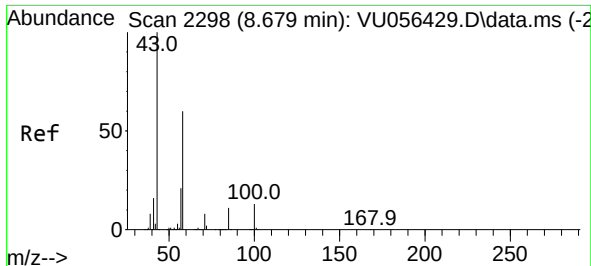
Delta R.T. -0.103 min

Lab File: VU056440.D

Acq: 17 Nov 2023 14:25

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 12010 |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 3.2 4.8#    |

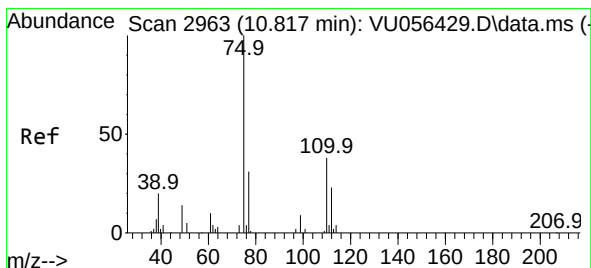
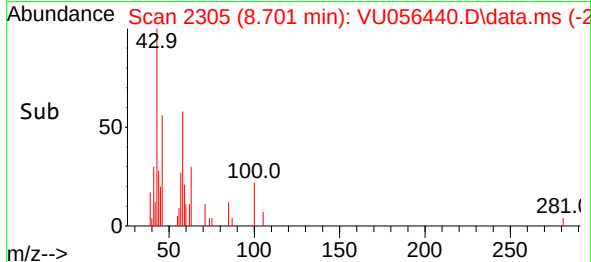
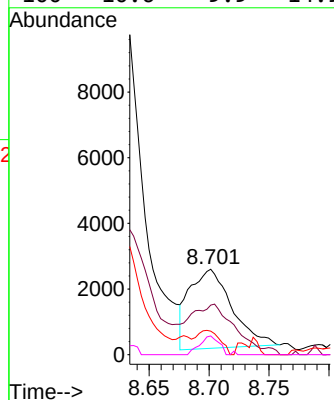
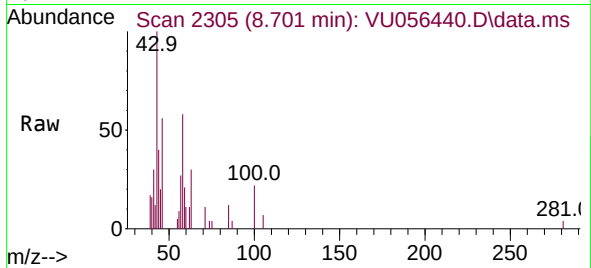




#48  
2-Hexanone  
Concen: 0.809 ug/L  
RT: 8.701 min Scan# 21  
Delta R.T. 0.022 min  
Lab File: VU056440.D  
Acq: 17 Nov 2023 14:25

Instrument :  
MSVOA\_U  
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|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 5958  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 68.5     | 48.7 73.1   |
| 57 16.7     | 16.8 25.2#  |
| 100 10.6    | 9.9 14.9    |



#61  
1,2,3-Trichloropropane  
Concen: 1.383 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU056440.D  
Acq: 17 Nov 2023 14:25

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 13156 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 110 2.6     | 30.4 45.6#  |
| 77 37.5     | 27.0 40.6   |

