

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121923\  
 Data File : VU057062.D  
 Acq On : 19 Dec 2023 22:49  
 Operator : MD/SY  
 Sample : 05865-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 20 06:55:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 20 06:35:40 2023  
 Response via : Initial Calibration

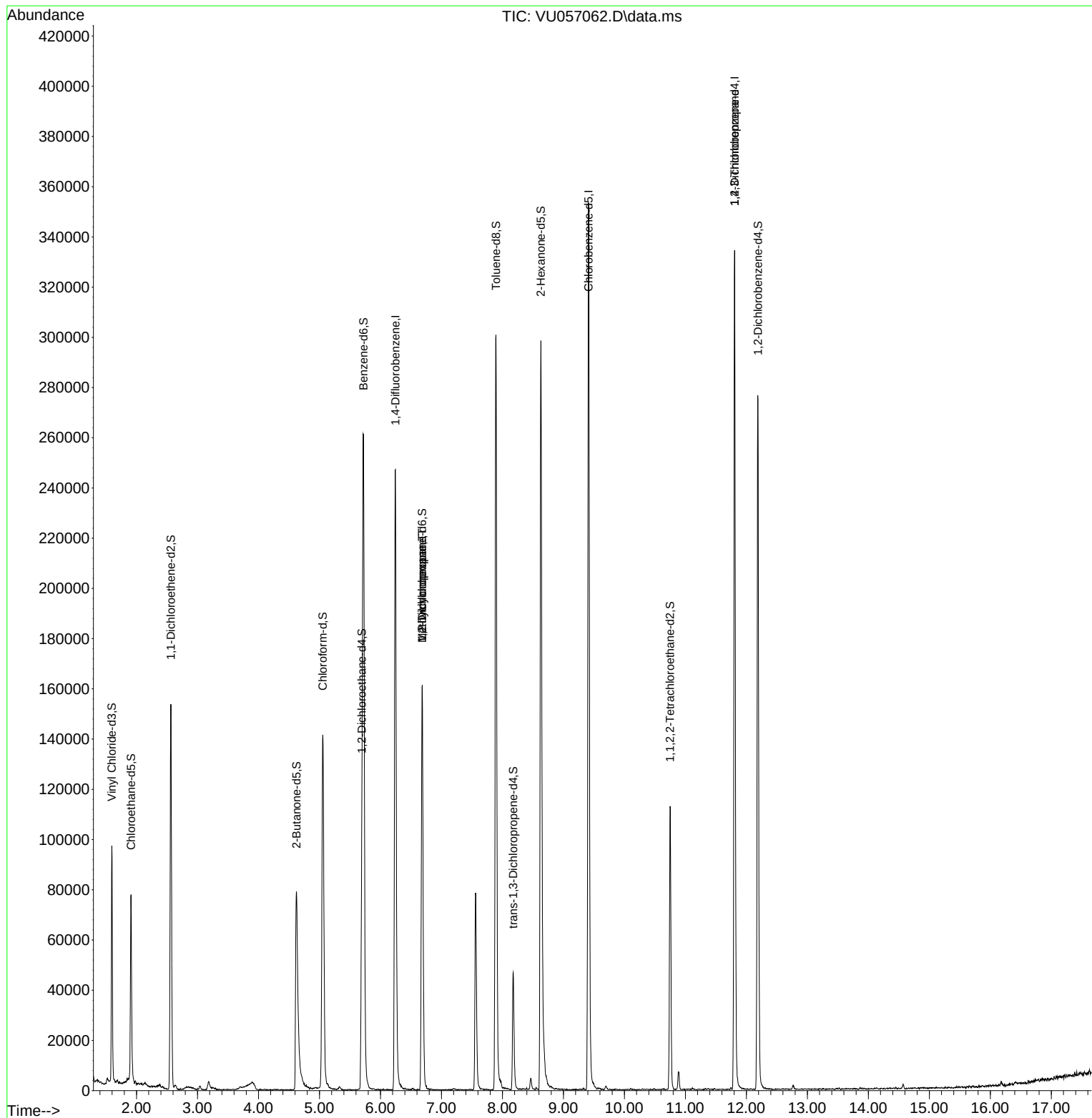
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 201651   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 203942   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 87252    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 68528    | 3.965    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 79.200%  |
| 7) Chloroethane-d5            | 1.910  | 69    | 54058    | 4.179    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 83.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 29125    | 3.938    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 78.800%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 127811   | 37.443   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 74.880%  |
| 24) Chloroform-d              | 5.055  | 84    | 139139   | 4.251    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 68701    | 4.436    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 252410   | 3.990    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 79.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 76542    | 3.866    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 77.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 212955   | 3.767    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 75.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 30005    | 3.908    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.200%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 103568   | 35.764   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 71.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 56380    | 3.936    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 78.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 72481    | 4.226    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 84.600%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 35) Methylcyclohexane         | 6.682  | 83    | 18875    | 0.651    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 8720     | 0.476    | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 10413    | 1.111    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

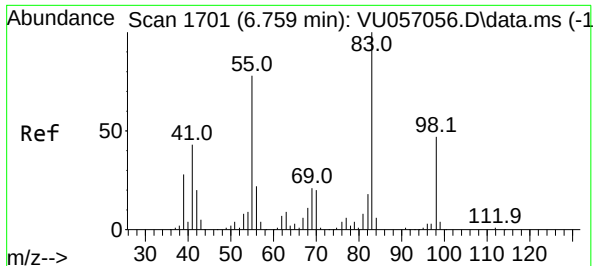
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.651 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

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Instrument :

MSVOA\_U

ClientSampleId :

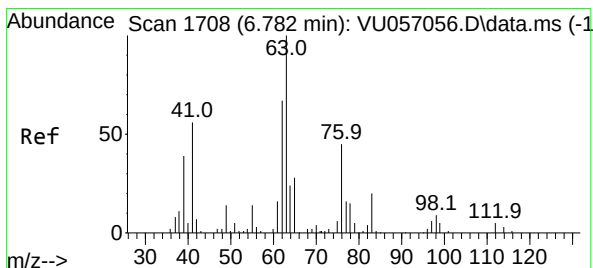
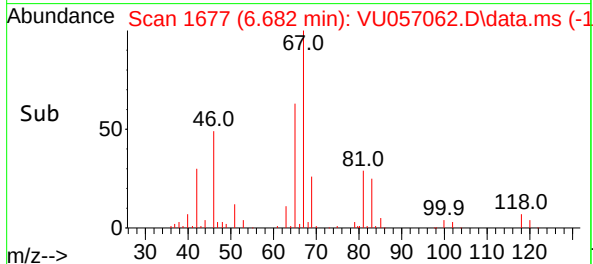
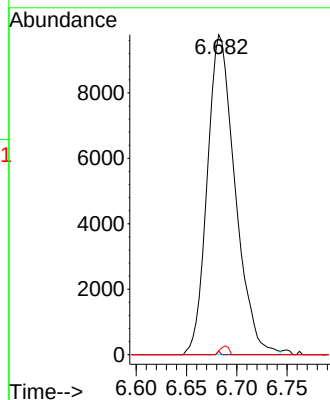
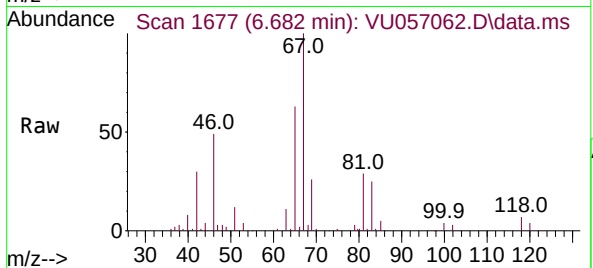
Tgt Ion: 83 Resp: 18875

Ion Ratio Lower Upper

83 100

55 0.1 64.6 97.0#

98 0.8 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.476 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU057062.D

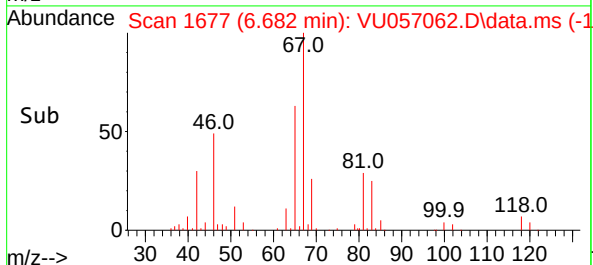
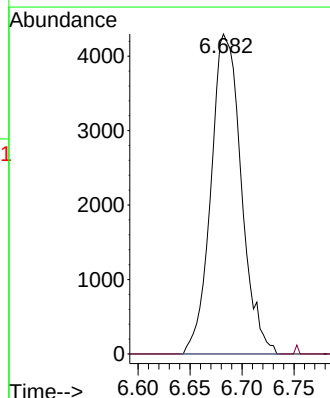
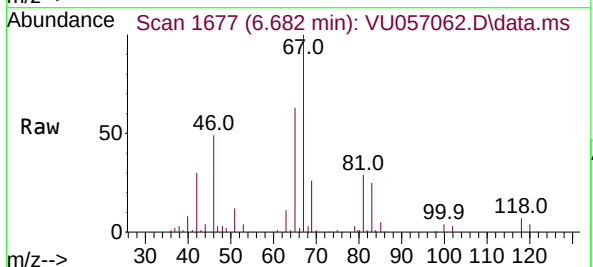
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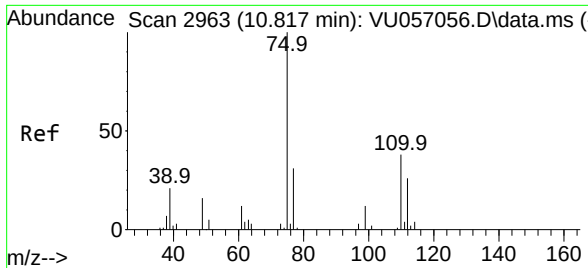
Tgt Ion: 63 Resp: 8720

Ion Ratio Lower Upper

63 100

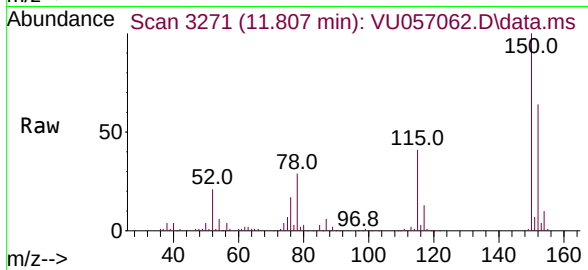
112 0.3 3.3 4.9#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.111 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU057062.D  
 Acq: 19 Dec 2023 22:49

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 MSVOA\_U  
 ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 3.0   | 28.4  | 42.6# |
| 77      | 37.8  | 26.3  | 39.5  |

