

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052524\  
 Data File : VU058998.D  
 Acq On : 25 May 2024 14:56  
 Operator : MD/SY  
 Sample : P2566-19  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 27 04:13:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052324WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon May 27 04:10:55 2024  
 Response via : Initial Calibration

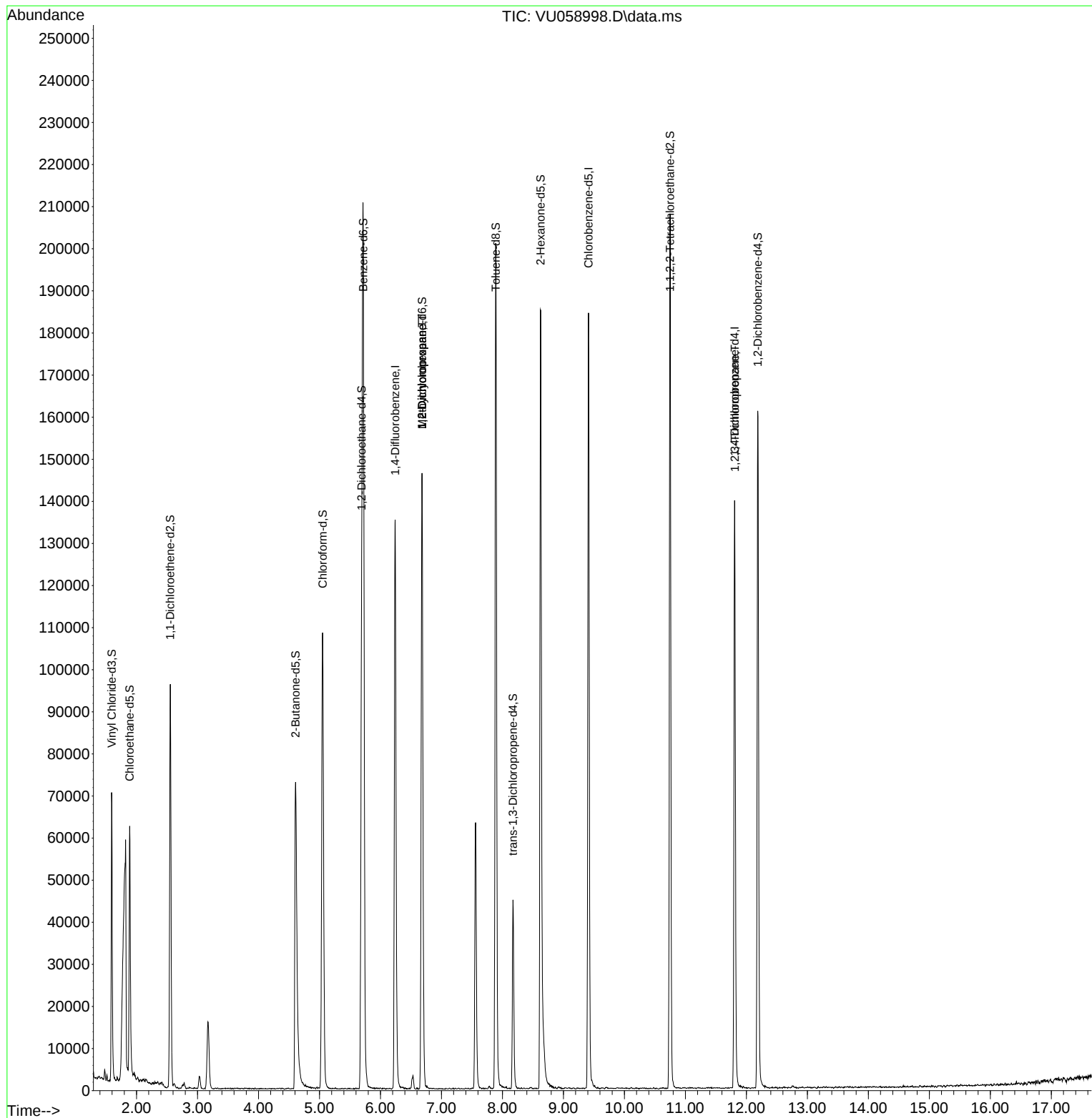
| Compound                      | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                         |                |      |                      |         |        |          |
| Internal Standards            |                |      |                      |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.242          | 114  | 104210               | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412          | 117  | 96628                | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807         | 152  | 35941                | 50.000  | ug/L   | 0.00     |
|                               |                |      |                      |         |        |          |
| System Monitoring Compounds   |                |      |                      |         |        |          |
| 4) Vinyl Chloride-d3          | 1.592          | 65   | 51752                | 46.955  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 93.900%   |         |        |          |
| 7) Chloroethane-d5            | 1.888          | 69   | 47540                | 51.900  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 103.800%  |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.554          | 63   | 59263                | 35.194  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 70.380%   |         |        |          |
| 21) 2-Butanone-d5             | 4.608          | 46   | 111341               | 147.066 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 147.070%# |         |        |          |
| 24) Chloroform-d              | 5.052          | 84   | 101332               | 53.601  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 107.200%  |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.692          | 65   | 73156                | 63.274  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 126.540%# |         |        |          |
| 32) Benzene-d6                | 5.717          | 84   | 189382               | 57.488  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 114.980%  |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.682          | 67   | 72760                | 66.870  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 133.740%# |         |        |          |
| 41) Toluene-d8                | 7.891          | 98   | 134124               | 45.423  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 90.840%   |         |        |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 24218                | 49.568  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 99.140%   |         |        |          |
| 47) 2-Hexanone-d5             | 8.624          | 63   | 59467                | 132.145 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 132.150%# |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749         | 84   | 107225               | 65.504  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 131.000%# |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187         | 152  | 42282                | 57.015  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 114.020%  |         |        |          |
|                               |                |      |                      |         |        |          |
| Target Compounds              |                |      |                      |         | Qvalue |          |
| 35) Methylcyclohexane         | 6.682          | 83   | 15432                | 17.077  | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.682          | 63   | 7312                 | 7.745   | ug/L # | 91       |
| 60) 1,2,3-Trichloropropane    | 11.810         | 75   | 5117                 | 5.595   | ug/L # | 67       |
| -----                         |                |      |                      |         |        |          |

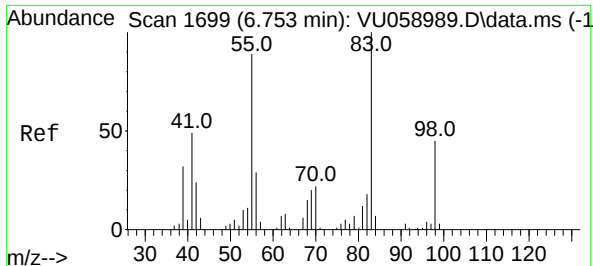
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 27 04:10:55 2024  
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 17.077 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU058998.D

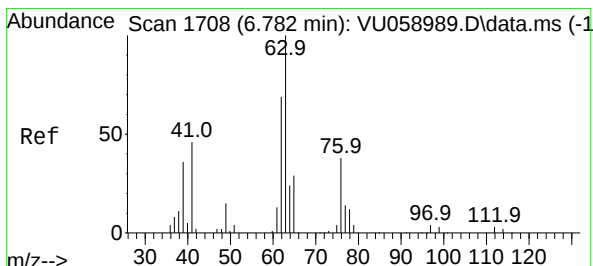
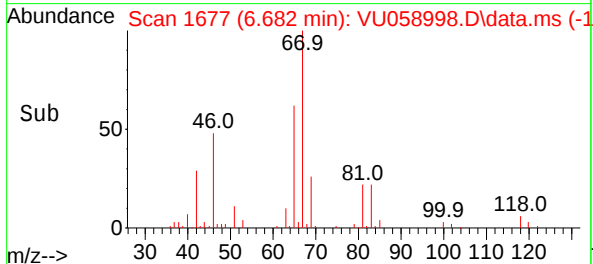
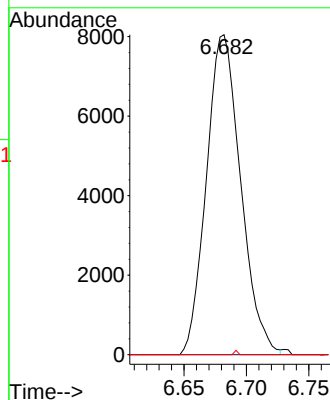
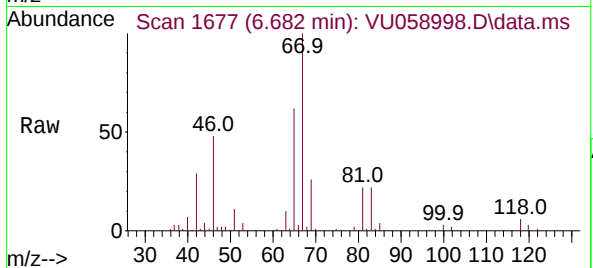
Acq: 25 May 2024 14:56

Instrument :

MSVOA\_U

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 15432    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 0.0 61.5 92.3# |
| 98          | 0.8 36.2 54.2# |



#37

1,2-Dichloropropane

Concen: 7.745 ug/L

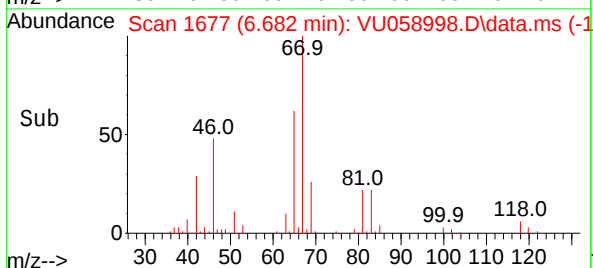
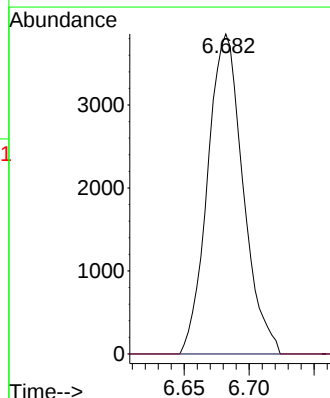
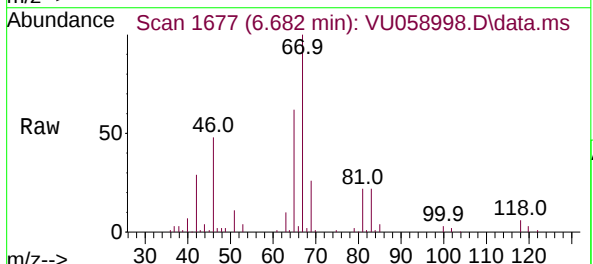
RT: 6.682 min Scan# 1677

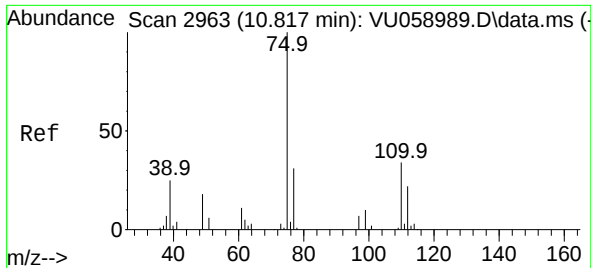
Delta R.T. -0.100 min

Lab File: VU058998.D

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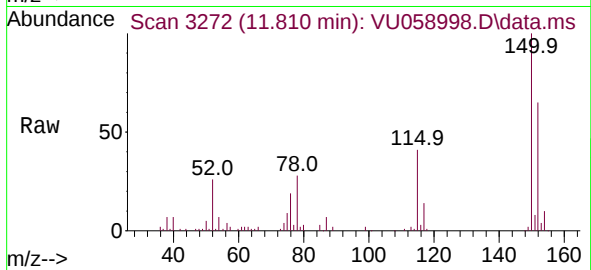
|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 7312   |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.0 2.5 3.7# |





#60  
1,2,3-Trichloropropane  
Concen: 5.595 ug/L  
RT: 11.810 min Scan# 31  
Delta R.T. 0.993 min  
Lab File: VU058998.D  
Acq: 25 May 2024 14:56

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 5117  
Ion Ratio Lower Upper  
75 100  
77 34.1 25.8 38.6  
110 0.0 28.3 42.5#

