

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032823\  
 Data File : VU053433.D  
 Acq On : 28 Mar 2023 15:07  
 Operator : JC/MD  
 Sample : 02085-04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COMB3

Quant Time: Mar 29 01:12:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM031523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 29 01:10:06 2023  
 Response via : Initial Calibration

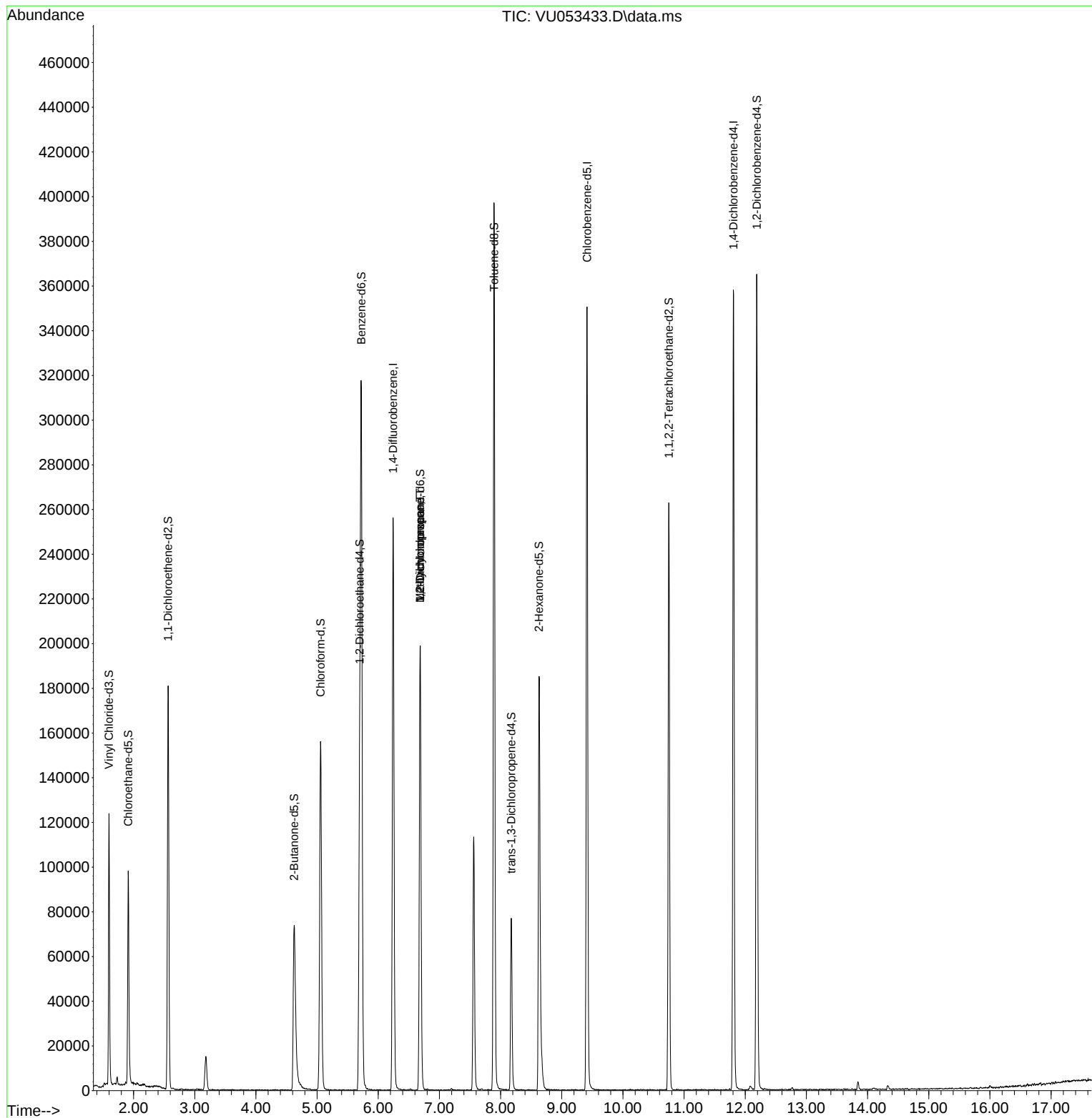
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243          | 114  | 204871     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414          | 117  | 192832     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809         | 152  | 90788      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 88581      | 46.867   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 93.740%  |        |          |
| 7) Chloroethane-d5            | 1.912          | 69   | 70895      | 46.372   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 92.740%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.565          | 63   | 108553     | 33.154   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 66.300%  |        |          |
| 21) 2-Butanone-d5             | 4.626          | 46   | 110167     | 125.673  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 125.670% |        |          |
| 24) Chloroform-d              | 5.057          | 84   | 138889     | 44.615   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.240%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.697          | 65   | 93763      | 48.499   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.000%  |        |          |
| 32) Benzene-d6                | 5.722          | 84   | 284950     | 45.559   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.120%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.687          | 67   | 96804      | 47.955   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 95.920%  |        |          |
| 41) Toluene-d8                | 7.893          | 98   | 261107     | 44.839   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.680%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.176          | 79   | 43968      | 44.146   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 88.300%  |        |          |
| 47) 2-Hexanone-d5             | 8.629          | 63   | 62273      | 98.674   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 98.670%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751         | 84   | 130754     | 50.002   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 100.000% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.188         | 152  | 93533      | 53.207   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 106.420% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 35) Methylcyclohexane         | 6.684          | 83   | 22198      | 7.265    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.684          | 63   | 9845       | 5.278    | ug/L # | 90       |
| -----                         |                |      |            |          |        |          |

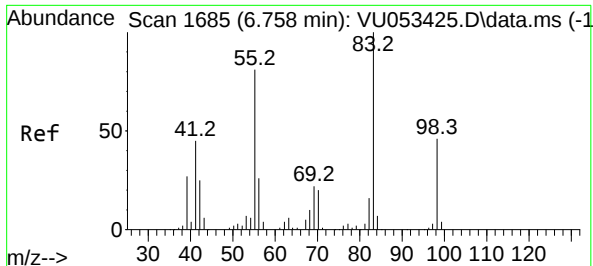
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 7.265 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

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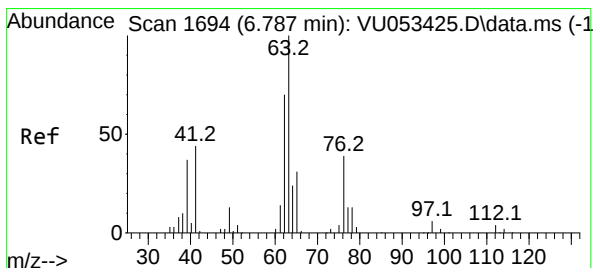
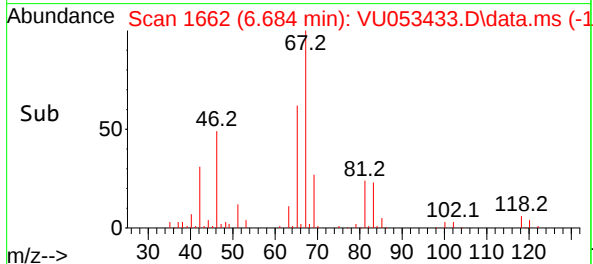
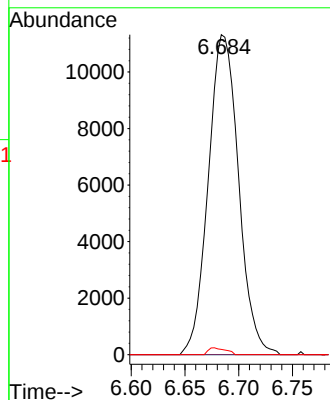
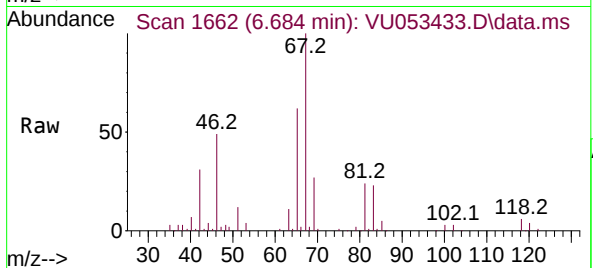
Tgt Ion: 83 Resp: 22198

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 1.2 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 5.278 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053433.D

Acq: 28 Mar 2023 15:07

Tgt Ion: 63 Resp: 9845

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

