

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041223\  
 Data File : VU053668.D  
 Acq On : 12 Apr 2023 17:41  
 Operator : JC/MD  
 Sample : 02252-19  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COMF5

Quant Time: Apr 13 01:43:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM033123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 13 01:39:36 2023  
 Response via : Initial Calibration

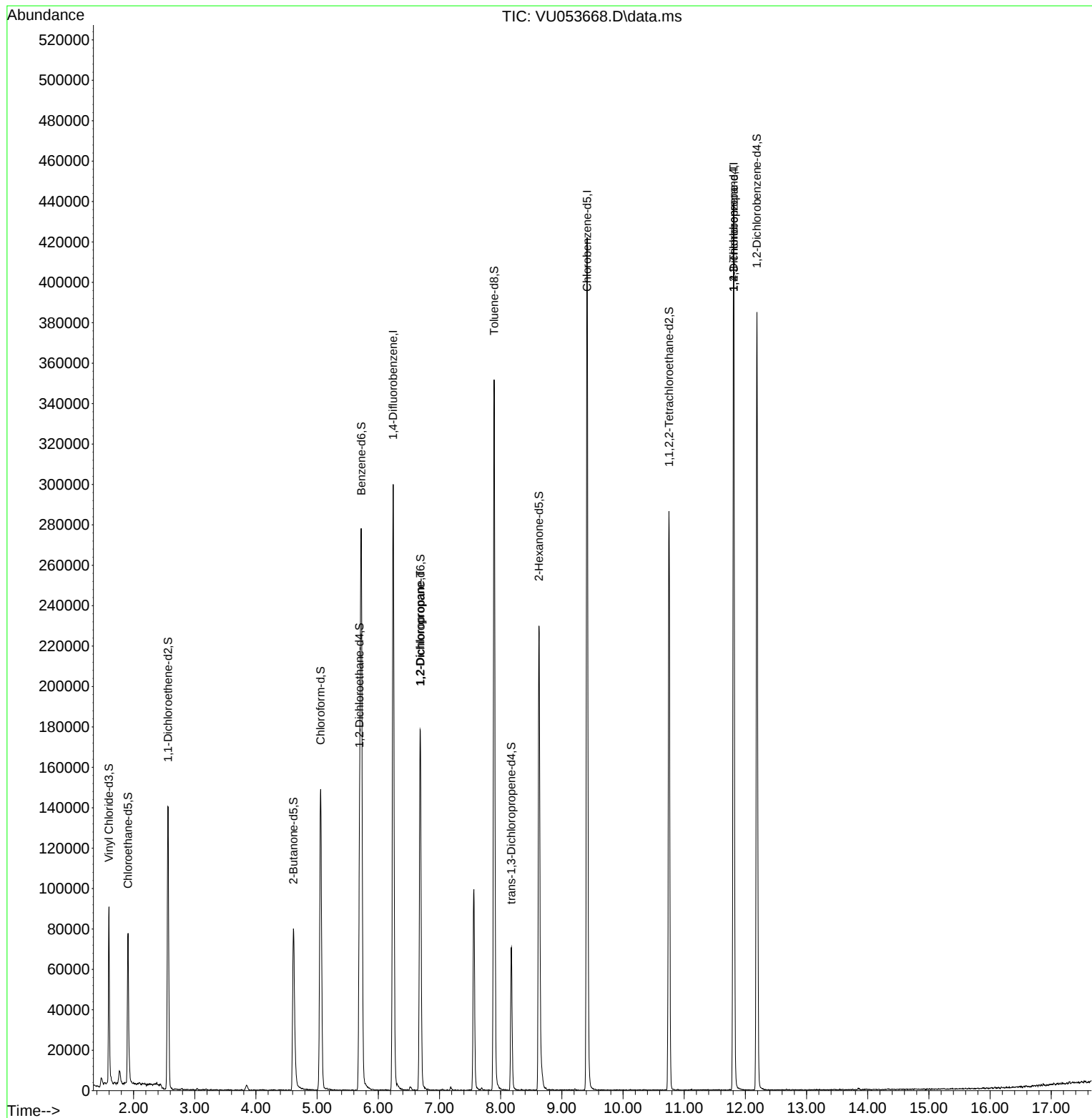
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243          | 114  | 250596     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414          | 117  | 243961     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809         | 152  | 117692     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 66270      | 33.962   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 67.920%  |        |          |
| 7) Chloroethane-d5            | 1.909          | 69   | 61794      | 41.073   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 82.140%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 82232      | 27.224   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 54.440%# |        |          |
| 21) 2-Butanone-d5             | 4.613          | 46   | 110419     | 124.985  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 124.980% |        |          |
| 24) Chloroform-d              | 5.057          | 84   | 136863     | 42.411   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 84.820%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.694          | 65   | 90065      | 47.231   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.460%  |        |          |
| 32) Benzene-d6                | 5.723          | 84   | 268598     | 40.788   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.580%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.687          | 67   | 89710      | 44.570   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 89.140%  |        |          |
| 41) Toluene-d8                | 7.893          | 98   | 246004     | 37.586   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 75.180%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.173          | 79   | 41228      | 39.681   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 79.360%  |        |          |
| 47) 2-Hexanone-d5             | 8.626          | 63   | 84347      | 122.787  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 122.790% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751         | 84   | 140721     | 49.604   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 99.200%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.188         | 152  | 101451     | 41.296   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 82.600%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 37) 1,2-Dichloropropane       | 6.684          | 63   | 9678       | 5.996    | ug/L # | 86       |
| 60) 1,2,3-Trichloropropane    | 11.809         | 75   | 14176      | 8.307    | ug/L # | 64       |
| -----                         |                |      |            |          |        |          |

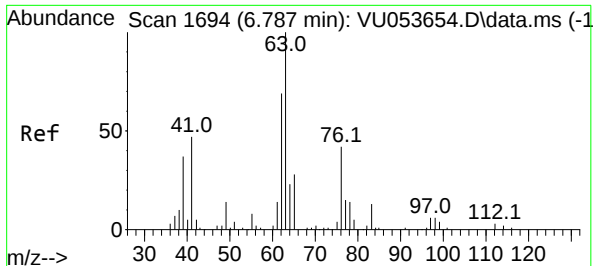
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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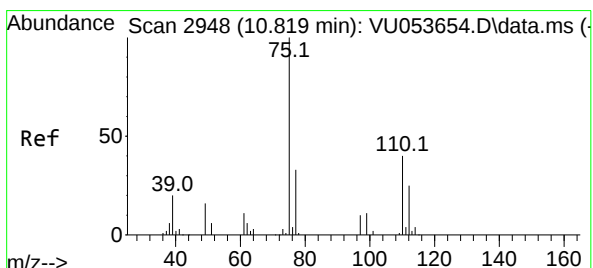
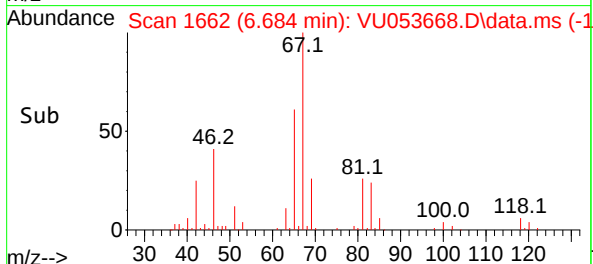
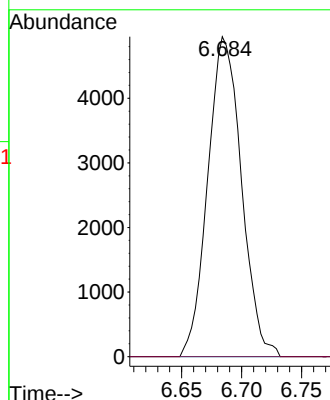
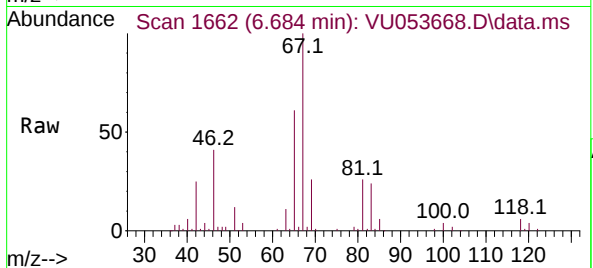




#37  
1,2-Dichloropropane  
Concen: 5.996 ug/L  
RT: 6.684 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU053668.D  
Acq: 12 Apr 2023 17:41

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Tgt Ion: 63 Resp: 9678  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.6#



#60  
1,2,3-Trichloropropane  
Concen: 8.307 ug/L  
RT: 11.809 min Scan# 3256  
Delta R.T. 0.990 min  
Lab File: VU053668.D  
Acq: 12 Apr 2023 17:41

Tgt Ion: 75 Resp: 14176  
Ion Ratio Lower Upper  
75 100  
77 31.9 26.0 39.0  
110 1.3 32.6 48.8#

