

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020223\  
 Data File : VU052928.D  
 Acq On : 02 Feb 2023 16:12  
 Operator : JC/MD  
 Sample : 01412-01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Feb 03 00:26:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM012623WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 03 00:24:34 2023  
 Response via : Initial Calibration

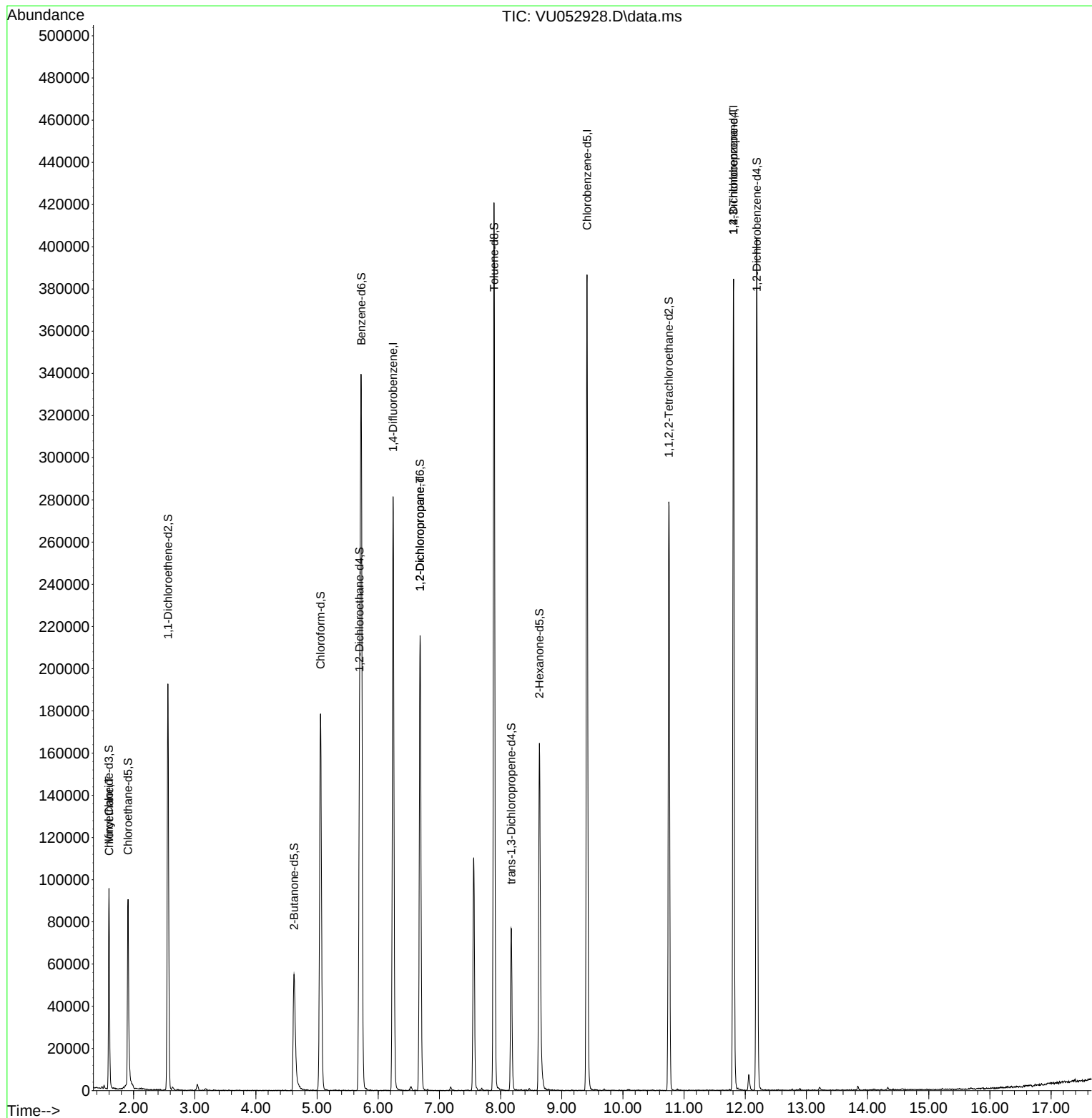
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.244          | 114  | 236551     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414          | 117  | 221687     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809         | 152  | 106321     | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 73366      | 43.091   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 86.180%  |        |          |
| 7) Chloroethane-d5            | 1.909          | 69   | 67117      | 47.842   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 95.680%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 111966     | 33.063   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 66.120%  |        |          |
| 21) 2-Butanone-d5             | 4.623          | 46   | 83926      | 79.794   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 79.790%  |        |          |
| 24) Chloroform-d              | 5.057          | 84   | 167755     | 46.167   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.340%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.694          | 65   | 111344     | 47.990   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.980%  |        |          |
| 32) Benzene-d6                | 5.723          | 84   | 324476     | 47.908   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.820%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.684          | 67   | 96895      | 48.779   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 97.560%  |        |          |
| 41) Toluene-d8                | 7.893          | 98   | 277386     | 44.977   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.960%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.176          | 79   | 45840      | 46.042   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 92.080%  |        |          |
| 47) 2-Hexanone-d5             | 8.636          | 63   | 56110      | 80.392   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 80.390%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751         | 84   | 130978     | 44.628   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 89.260%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189         | 152  | 111995     | 54.249   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 108.500% |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 8) Chloroethane               | 1.601          | 64   | 1030       | 0.811    | ug/L # | 1        |
| 37) 1,2-Dichloropropane       | 6.684          | 63   | 11398      | 6.144    | ug/L # | 85       |
| 60) 1,2,3-Trichloropropane    | 11.809         | 75   | 10142      | 4.918    | ug/L # | 65       |
| -----                         |                |      |            |          |        |          |

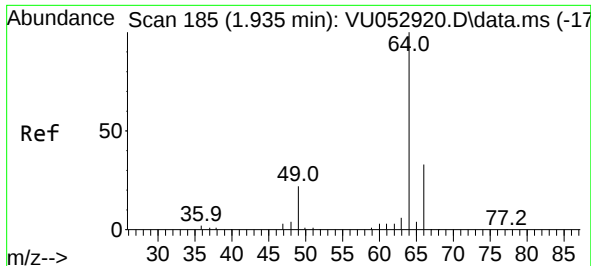
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Feb 03 00:24:34 2023  
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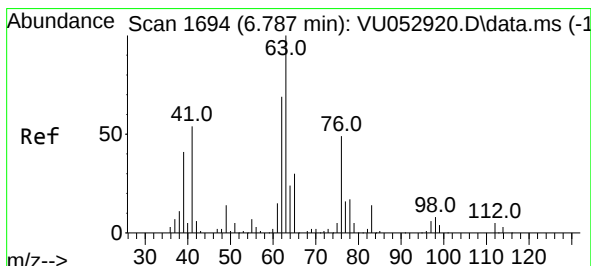
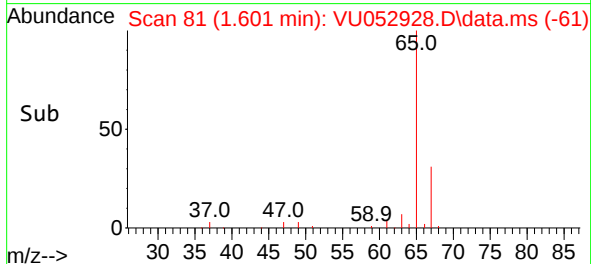
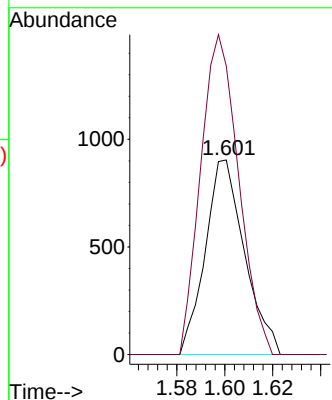
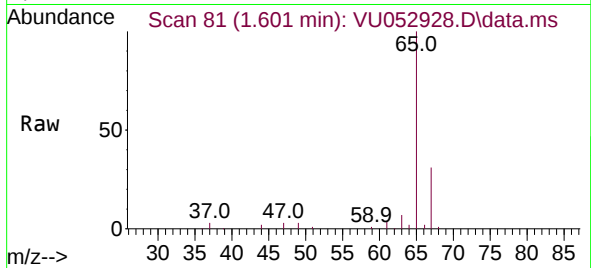




#8  
Chloroethane  
Concen: 0.811 ug/L  
RT: 1.601 min Scan# 81  
Delta R.T. -0.335 min  
Lab File: VU052928.D  
Acq: 02 Feb 2023 16:12

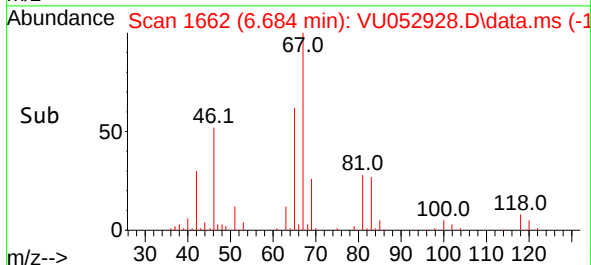
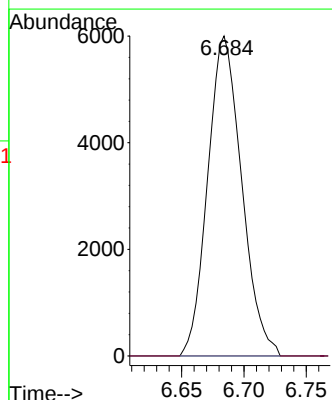
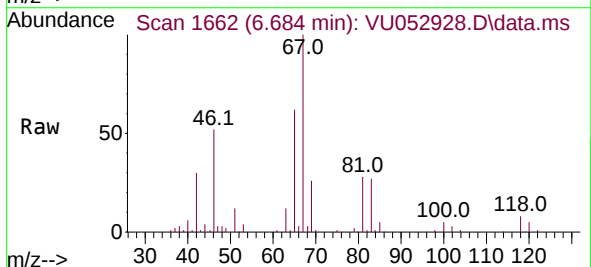
Instrument :  
MSVOA\_U  
ClientSampleId :

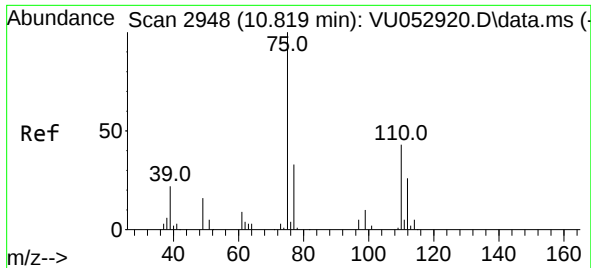
Tgt Ion: 64 Resp: 1030  
Ion Ratio Lower Upper  
64 100  
66 148.2 24.1 44.7#



#37  
1,2-Dichloropropane  
Concen: 6.144 ug/L  
RT: 6.684 min Scan# 1662  
Delta R.T. -0.103 min  
Lab File: VU052928.D  
Acq: 02 Feb 2023 16:12

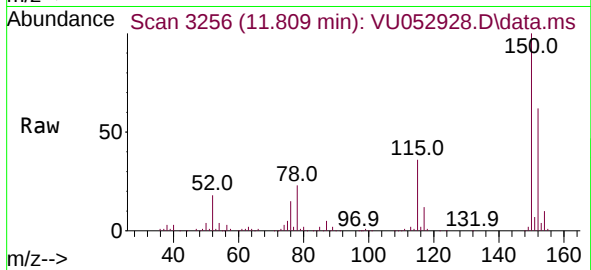
Tgt Ion: 63 Resp: 11398  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.8#





#60  
 1,2,3-Trichloropropane  
 Concen: 4.918 ug/L  
 RT: 11.809 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU052928.D  
 Acq: 02 Feb 2023 16:12

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 10142  
 Ion Ratio Lower Upper  
 75 100  
 77 33.9 25.8 38.8  
 110 3.3 32.4 48.6#

