

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031521\  
 Data File : VW020609.D  
 Acq On : 15 Mar 2021 17:06  
 Operator : SY/MD  
 Sample : M1633-04  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0B71

Quant Time: Mar 16 03:47:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 16 03:42:12 2021  
 Response via : Initial Calibration

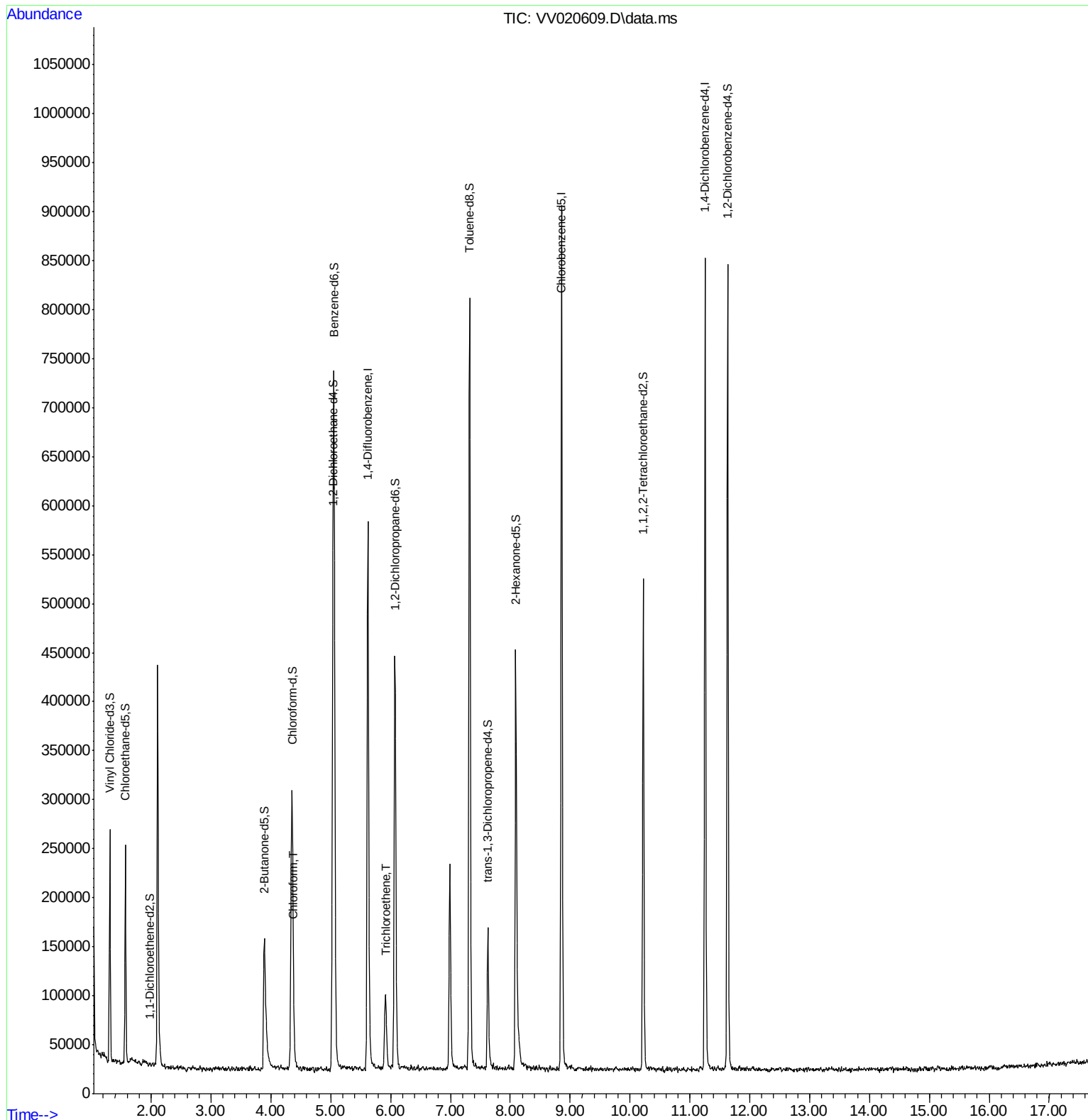
| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.622          | 114  | 455680     | 50.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 439649     | 50.00   | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 195010     | 50.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 144697     | 39.37   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 78.74%  |       |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 131315     | 44.65   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 89.30%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 1.979          | 63   | 299        | 0.04    | ug/L  | -0.13    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 0.08%#  |       |          |
| 21) 2-Butanone-d5             | 3.889          | 46   | 237883     | 100.84  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 100.84% |       |          |
| 24) Chloroform-d              | 4.352          | 84   | 288996     | 45.23   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.46%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.037          | 65   | 204144     | 48.43   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.86%  |       |          |
| 32) Benzene-d6                | 5.053          | 84   | 580874     | 47.82   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.64%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 195223     | 50.23   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 100.46% |       |          |
| 41) Toluene-d8                | 7.320          | 98   | 487012     | 45.11   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.22%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 82471      | 45.40   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 90.80%  |       |          |
| 47) 2-Hexanone-d5             | 8.092          | 63   | 136337     | 93.76   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 93.76%  |       |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 227630     | 46.87   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 93.74%  |       |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 190016     | 50.29   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 100.58% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       |          |
| 25) Chloroform                | 4.378          | 83   | 12763      | 1.95    | ug/L  | 88       |
| 34) Trichloroethene           | 5.921          | 95   | 16851      | 4.50    | ug/L  | 94       |
| -----                         |                |      |            |         |       |          |

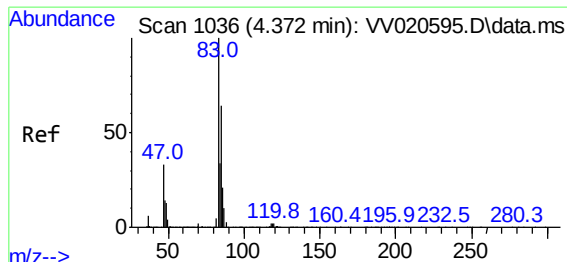
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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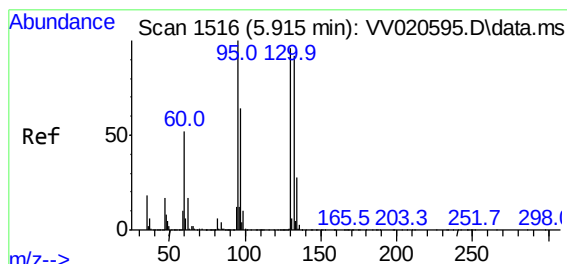
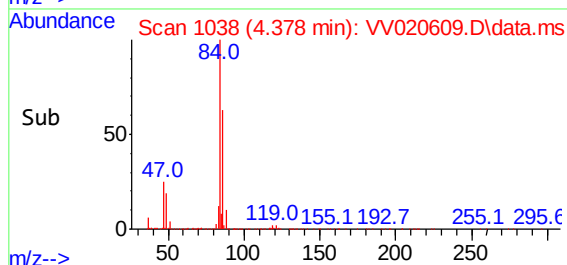
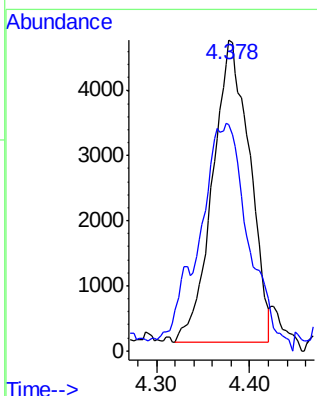
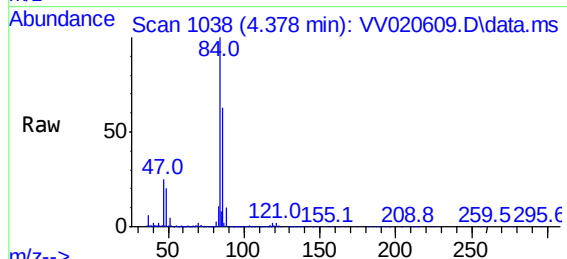




#25  
Chloroform  
Concen: 1.95 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: VV020609.D  
Acq: 15 Mar 2021 17:06

Instrument :  
MSVOA\_V  
ClientSampled :  
C0B71

Tgt Ion: 83 Resp: 12763  
Ion Ratio Lower Upper  
83 100  
85 72.8 44.2 82.2



#34  
Trichloroethene  
Concen: 4.50 ug/L  
RT: 5.921 min Scan# 1518  
Delta R.T. 0.006 min  
Lab File: VV020609.D  
Acq: 15 Mar 2021 17:06

Tgt Ion: 95 Resp: 16851  
Ion Ratio Lower Upper  
95 100  
97 67.2 44.5 82.7  
132 95.3 63.4 117.8  
130 87.7 67.1 124.5

