

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031621\  
 Data File : VW020621.D  
 Acq On : 16 Mar 2021 11:31  
 Operator : SY/MD  
 Sample : M1633-12  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0B85

Quant Time: Mar 17 01:48:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 17 01:47:28 2021  
 Response via : Initial Calibration

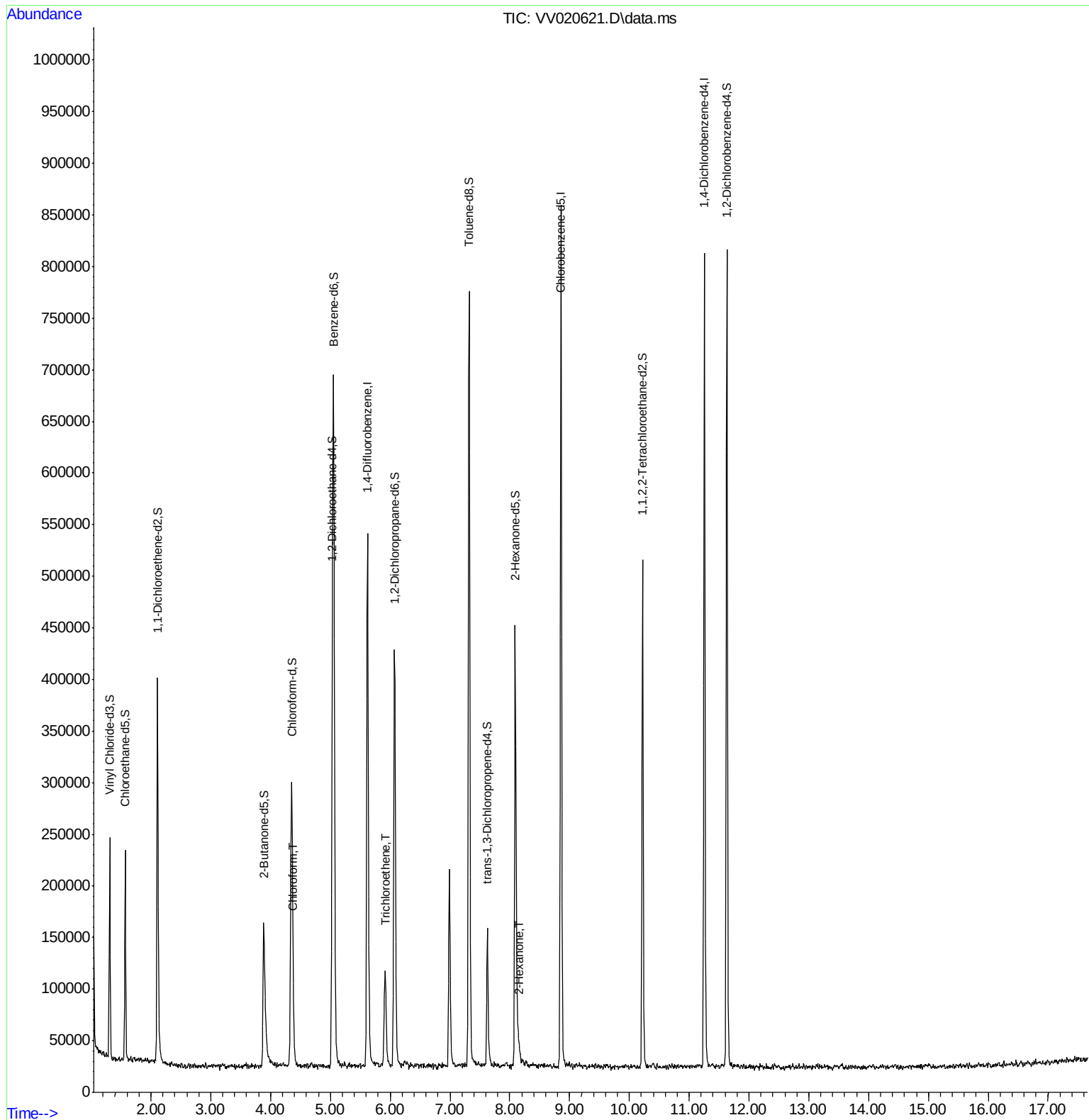
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.622          | 114  | 425712     | 50.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 417720     | 50.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 176266     | 50.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 130984     | 38.14   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 76.28%  |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 116650     | 42.46   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 84.92%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.111          | 63   | 201275     | 30.84   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 61.68%  |        |          |
| 21) 2-Butanone-d5             | 3.886          | 46   | 238033     | 108.00  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 108.00% |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 275846     | 46.22   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.44%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 198239     | 50.34   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 100.68% |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 549914     | 47.65   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.30%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 189806     | 51.40   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 102.80% |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 463129     | 45.15   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.30%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 75601      | 43.81   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 87.62%  |        |          |
| 47) 2-Hexanone-d5             | 8.092          | 63   | 134534     | 97.38   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 97.38%  |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 223582     | 48.45   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 96.90%  |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 181192     | 53.05   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 106.10% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 25) Chloroform                | 4.378          | 83   | 13293      | 2.17    | ug/L   | 90       |
| 34) Trichloroethene           | 5.918          | 95   | 22652      | 6.37    | ug/L   | 95       |
| 48) 2-Hexanone                | 8.149          | 43   | 9724       | 2.52    | ug/L # | 46       |
| -----                         |                |      |            |         |        |          |

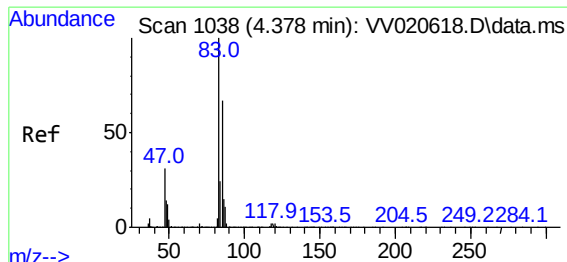
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031621\  
Data File : VV020621.D  
Acq On : 16 Mar 2021 11:31  
Operator : SY/MD  
Sample : M1633-12  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0B85

Quant Time: Mar 17 01:48:28 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Mar 17 01:47:28 2021  
Response via : Initial Calibration

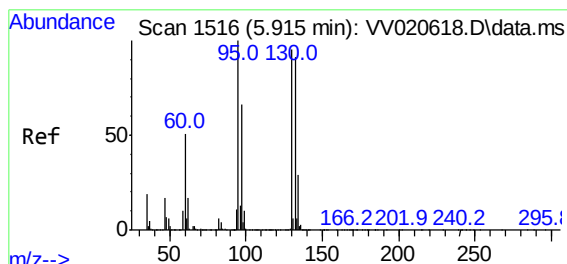
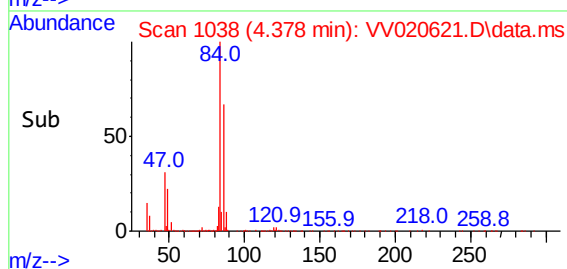
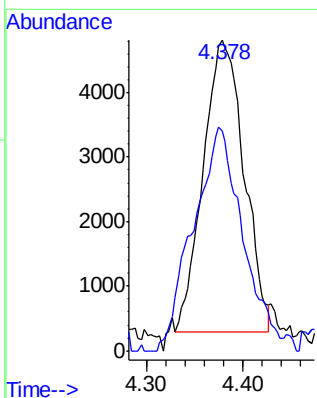
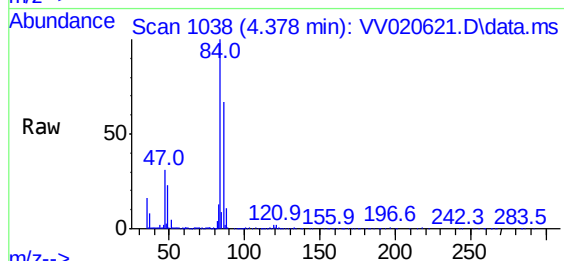




#25  
Chloroform  
Concen: 2.17 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VV020621.D  
Acq: 16 Mar 2021 11:31

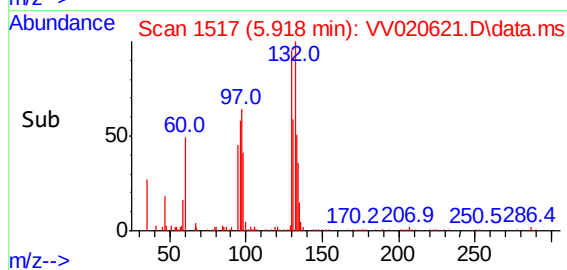
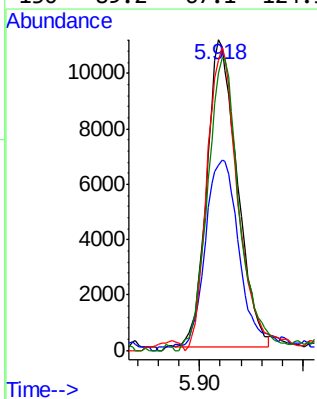
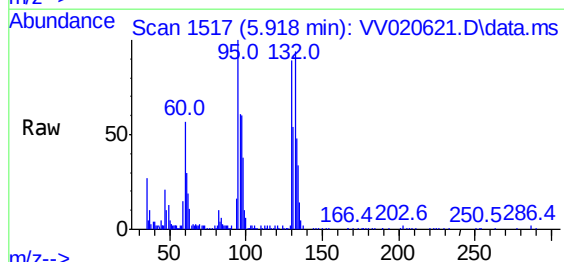
Instrument :  
MSVOA\_V  
ClientSampled :  
C0B85

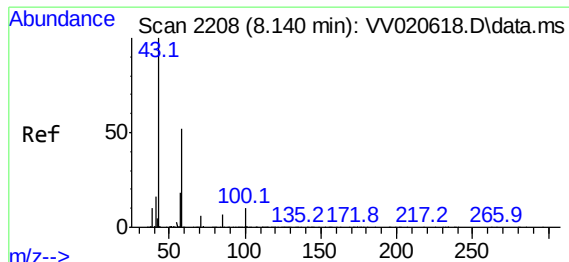
Tgt Ion: 83 Resp: 13293  
Ion Ratio Lower Upper  
83 100  
85 70.8 44.2 82.2



#34  
Trichloroethene  
Concen: 6.37 ug/L  
RT: 5.918 min Scan# 1517  
Delta R.T. 0.003 min  
Lab File: VV020621.D  
Acq: 16 Mar 2021 11:31

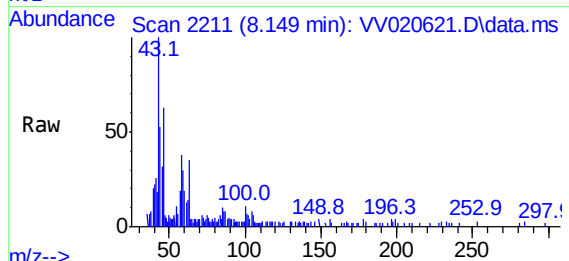
Tgt Ion: 95 Resp: 22652  
Ion Ratio Lower Upper  
95 100  
97 59.5 44.5 82.7  
132 93.6 63.4 117.8  
130 89.2 67.1 124.5





#48  
 2-Hexanone  
 Concen: 2.52 ug/L  
 RT: 8.149 min Scan# 2211  
 Delta R.T. 0.010 min  
 Lab File: VV020621.D  
 Acq: 16 Mar 2021 11:31

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0B85



Tgt Ion: 43 Resp: 9724

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 2.2   | 41.8  | 62.6# |
| 57  | 8.1   | 15.0  | 22.4# |
| 100 | 2.6   | 8.9   | 13.3# |

