

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

Manual Integrations  
 APPROVED

MMDadoda  
 3/16/2021 4:35:40 PM

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     | 2.111          | 63   | 217222m    | 31.09   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 62.18%  |        |          |
| 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              |                |      |            |         | Qvalue |          |
| 25) Chloroform                | 4.378          | 83   | 12763      | 1.95    | ug/L   | 88       |
| 34) Trichloroethene           | 5.921          | 95   | 16851      | 4.50    | ug/L   | 94       |
| 48) 2-Hexanone                | 8.143          | 43   | 14823m     | 3.64    | ug/L   |          |
| -----                         |                |      |            |         |        |          |

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

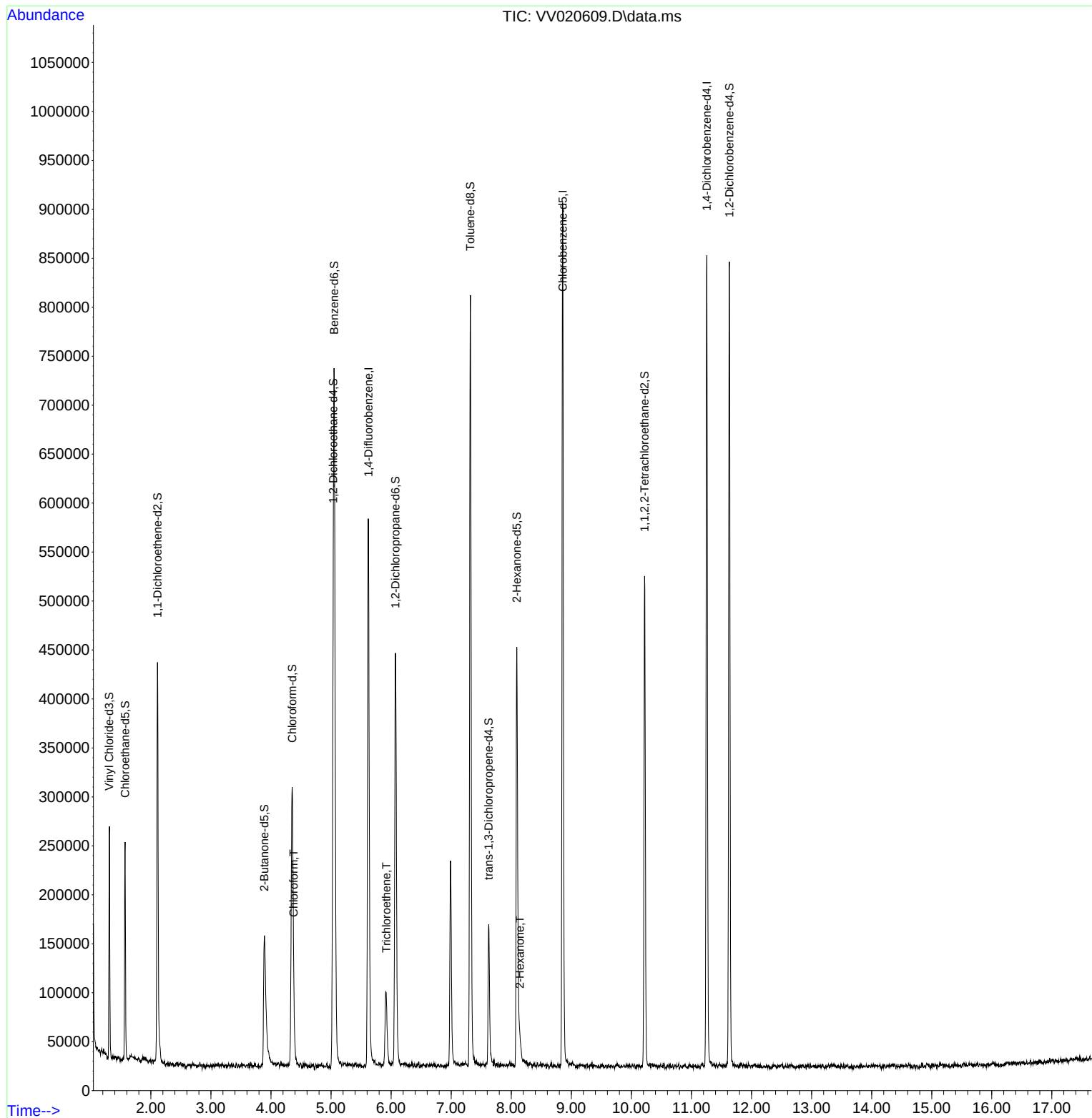
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031521\  
Data File : VV020609.D  
Acq On : 15 Mar 2021 17:06  
Operator : SY/MD  
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Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

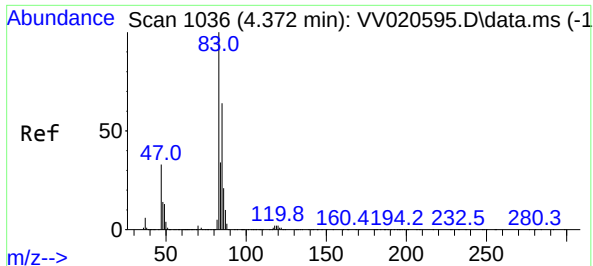
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Mar 16 03:42:12 2021  
Response via : Initial Calibration





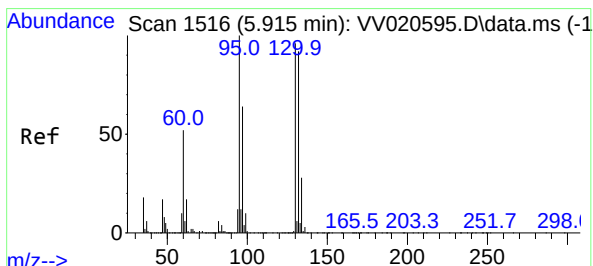
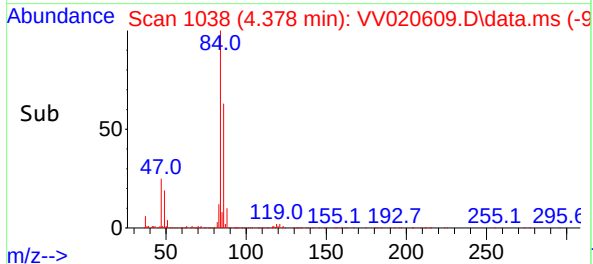
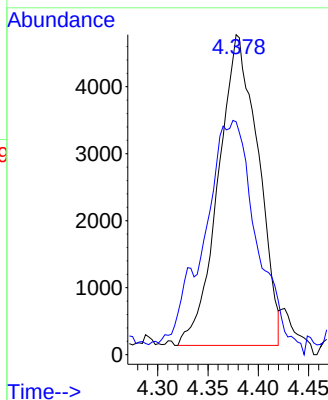
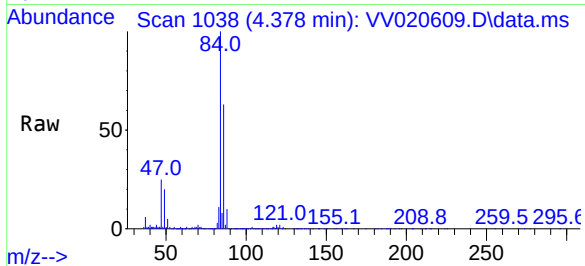
#25  
Chloroform  
Concen: 1.95 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: VV020609.D  
Acq: 15 Mar 2021 17:06

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

Instrument :  
MSVOA\_V  
ClientSampled :  
C0B71

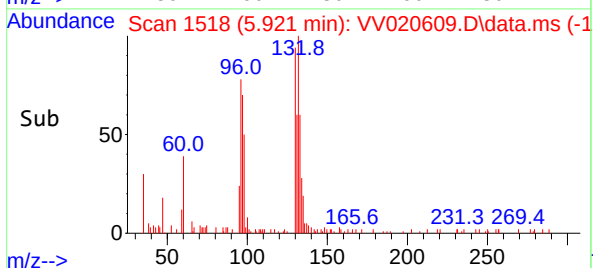
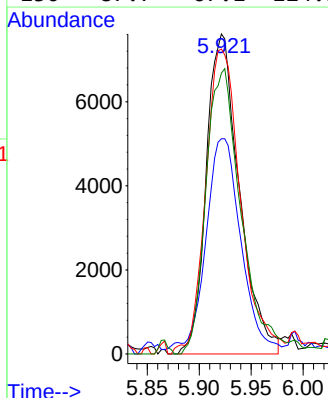
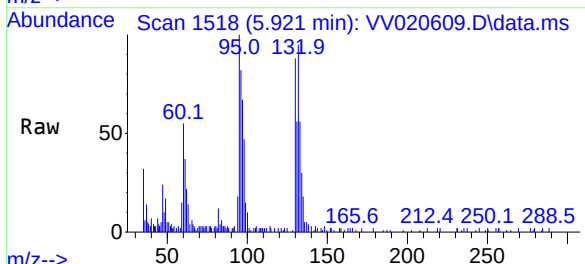
Manual Integrations  
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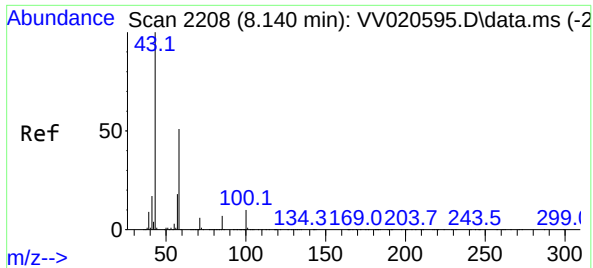
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#34  
Trichloroethene  
Concen: 4.50 ug/L  
RT: 5.921 min Scan# 1518  
Delta R.T. 0.006 min  
Lab File: VV020609.D  
Acq: 15 Mar 2021 17:06

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





#48  
2-Hexanone  
Concen: 3.64 ug/L m  
RT: 8.143 min Scan# 2209  
Delta R.T. 0.003 min  
Lab File: VV020609.D  
Acq: 15 Mar 2021 17:06

|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 14823     |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 24.7 41.8 62.6# |
| 57          | 3.1 15.0 22.4#  |
| 100         | 2.4 8.9 13.3#   |

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