

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031521\  
 Data File : VW020603.D  
 Acq On : 15 Mar 2021 14:44  
 Operator : SY/MD  
 Sample : M1610-12ME  
 Misc : 5.45G/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG565ME

Quant Time: Mar 16 03:45:11 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

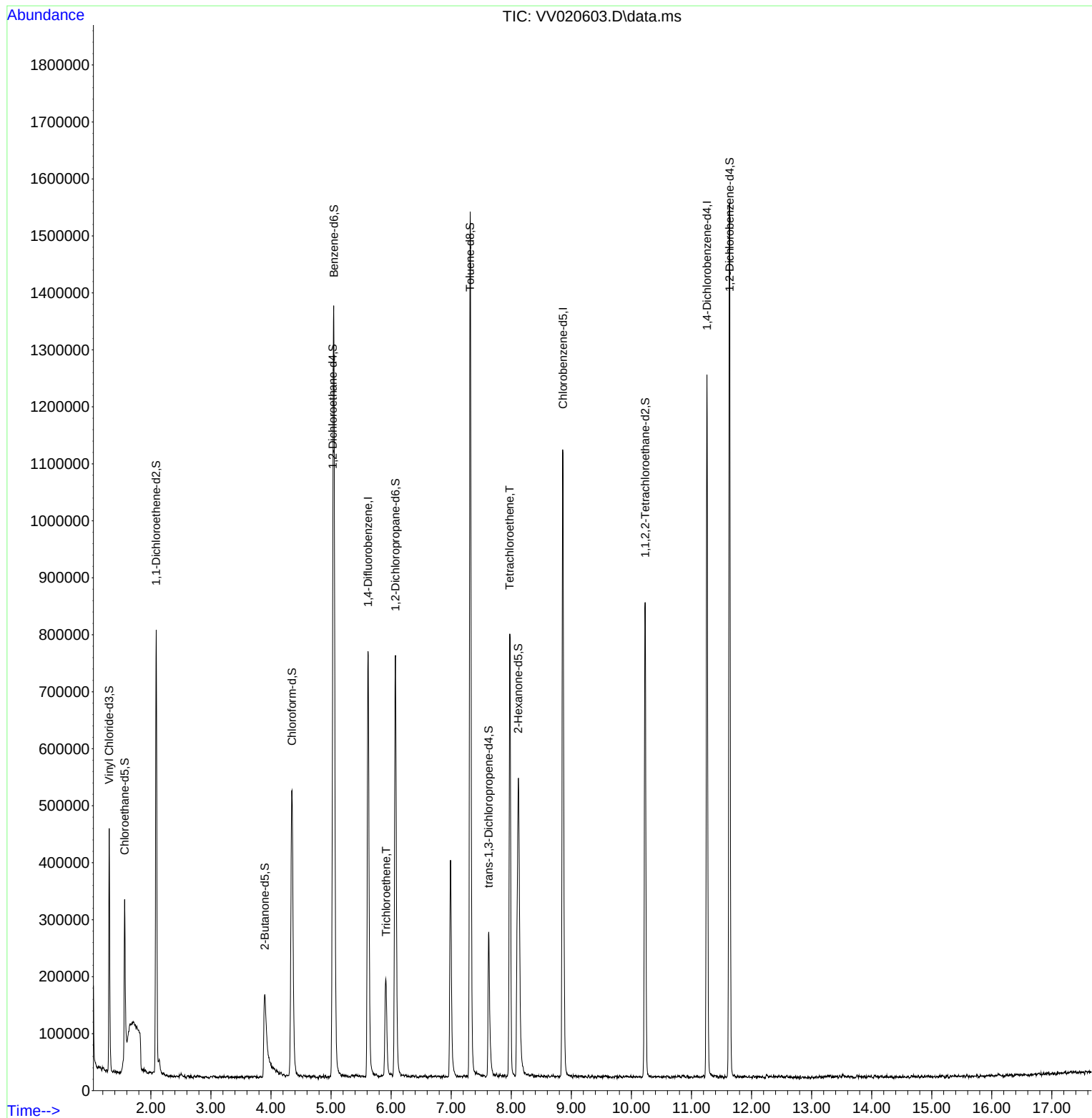
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.616          | 114  | 637777     | 50.00    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.860          | 117  | 636731     | 50.00    | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.259         | 152  | 285390     | 50.00    | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 285695     | 55.53    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 111.06%  |       |          |
| 7) Chloroethane-d5            | 1.565          | 69   | 171554     | 41.68    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 83.36%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.089          | 63   | 419834     | 42.93    | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 85.86%   |       |          |
| 21) 2-Butanone-d5             | 3.899          | 46   | 337212     | 102.13   | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 102.13%  |       |          |
| 24) Chloroform-d              | 4.349          | 84   | 520661     | 58.23    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 116.46%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.031          | 65   | 361429     | 61.26    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 122.52%  |       |          |
| 32) Benzene-d6                | 5.047          | 84   | 1088924    | 61.90    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 123.80%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 356291     | 63.30    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 126.60%# |       |          |
| 41) Toluene-d8                | 7.317          | 98   | 967546     | 61.88    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 123.76%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 159687     | 60.70    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 121.40%  |       |          |
| 47) 2-Hexanone-d5             | 8.117          | 63   | 270306     | 128.36   | ug/L  | 0.03     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 128.36%  |       |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.230         | 84   | 417718     | 59.39    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 118.78%  |       |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.635         | 152  | 350496     | 63.38    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 126.76%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 34) Trichloroethene           | 5.915          | 95   | 50014      | 9.23     | ug/L  | 96       |
| 46) Tetrachloroethene         | 7.976          | 164  | 155525     | 44.72    | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

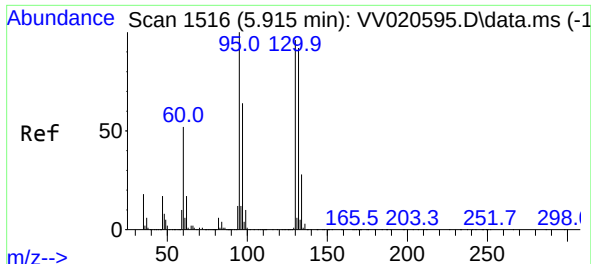
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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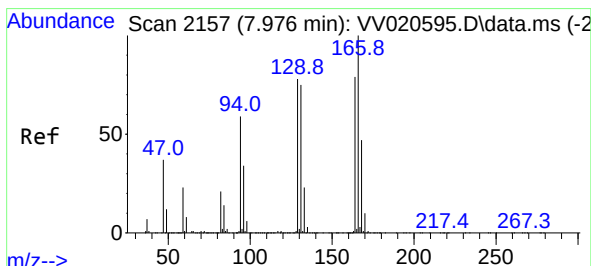
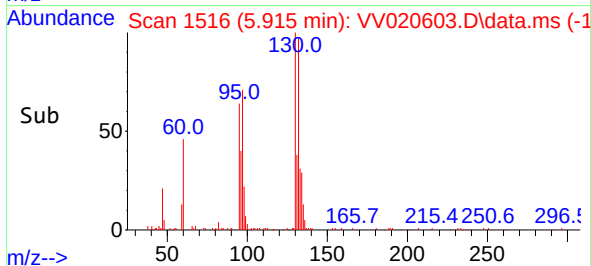
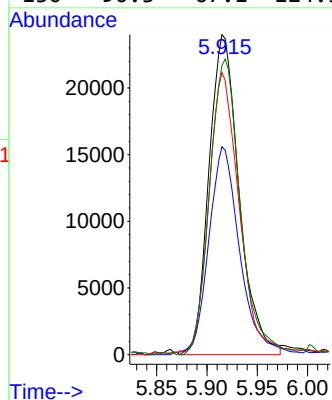
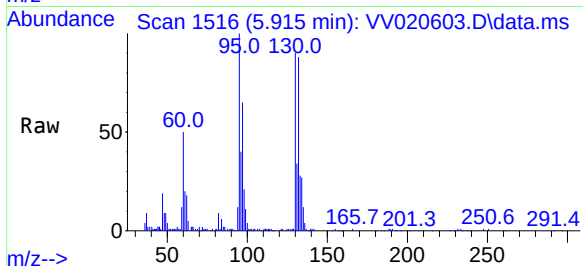


#34  
Trichloroethene  
Concen: 9.23 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VV020603.D  
Acq: 15 Mar 2021 14:44

Instrument :  
MSVOA\_V  
ClientSampled :  
BG565ME

Tgt Ion: 95 Resp: 50014

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.0  | 44.5  | 82.7  |
| 132 | 88.2  | 63.4  | 117.8 |
| 130 | 90.3  | 67.1  | 124.5 |



#46  
Tetrachloroethene  
Concen: 44.72 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. -0.000 min  
Lab File: VV020603.D  
Acq: 15 Mar 2021 14:44

Tgt Ion: 164 Resp: 155525

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 98.1  | 70.6  | 131.0 |
| 131 | 94.8  | 66.8  | 124.0 |
| 166 | 129.3 | 88.2  | 163.8 |

