

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031821\  
 Data File : VW020682.D  
 Acq On : 18 Mar 2021 18:46  
 Operator : SY/MD  
 Sample : M1685-21  
 Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4G9

Manual Integrations  
 APPROVED

MMDadoda  
 3/19/2021 12:02:04 PM

Quant Time: Mar 19 04:04:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 19 03:58:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 444241     | 50.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.860          | 117  | 448839     | 50.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.262         | 152  | 203642     | 50.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 125838     | 35.12   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 70.24%  |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 92403      | 32.23   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 64.46%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.082          | 63   | 199006     | 29.22   | ug/L   | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 58.44%# |        |          |
| 21) 2-Butanone-d5             | 3.915          | 46   | 221692m    | 96.39   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 96.39%  |        |          |
| 24) Chloroform-d              | 4.349          | 84   | 268348     | 43.08   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.16%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 194116     | 47.23   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.46%  |        |          |
| 32) Benzene-d6                | 5.047          | 84   | 533556     | 43.02   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.04%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 175378     | 44.20   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 88.40%  |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 468894     | 42.54   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 85.08%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.629          | 79   | 76387      | 41.19   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 82.38%  |        |          |
| 47) 2-Hexanone-d5             | 8.133          | 63   | 141877     | 95.58   | ug/L   | 0.04     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 95.58%  |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.233         | 84   | 214831     | 43.33   | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 86.66%  |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.635         | 152  | 190372     | 48.25   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 96.50%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 25) Chloroform                | 4.384          | 83   | 11130      | 1.74    | ug/L   | 99       |
| 46) Tetrachloroethene         | 7.979          | 164  | 120804     | 49.27   | ug/L   | 97       |
| -----                         |                |      |            |         |        |          |

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

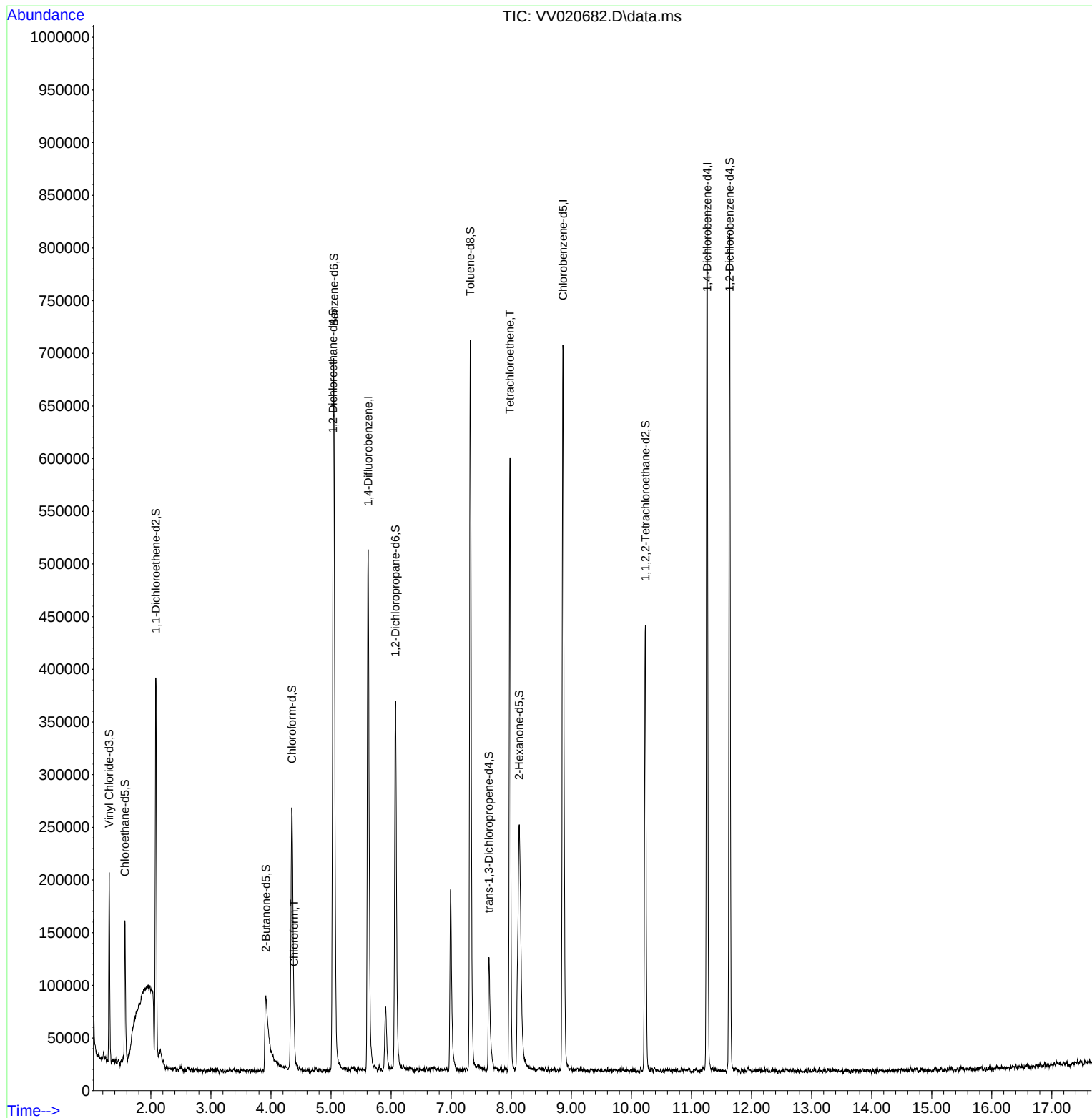
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031821\  
Data File : VV020682.D  
Acq On : 18 Mar 2021 18:46  
Operator : SY/MD  
Sample : M1685-21  
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 21 Sample Multiplier: 1

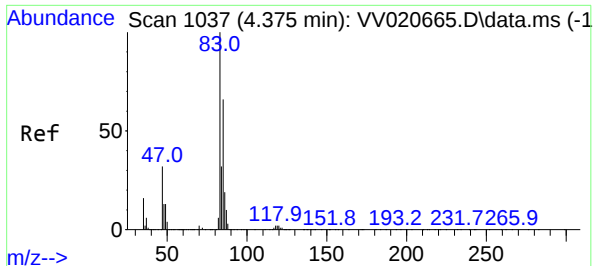
Instrument :  
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Quant Title : VOC Analysis  
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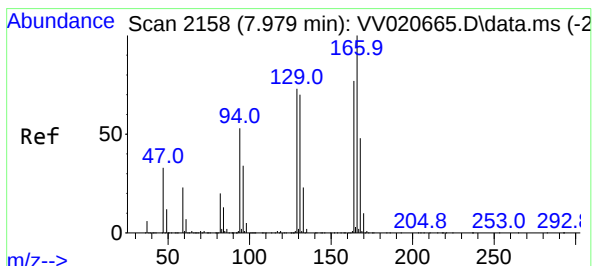
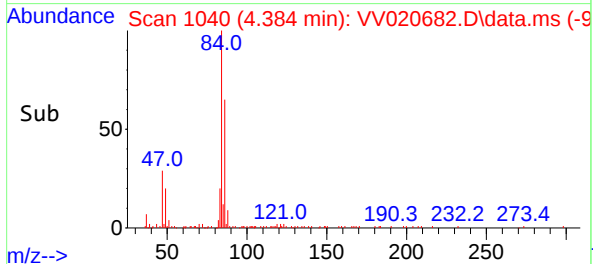
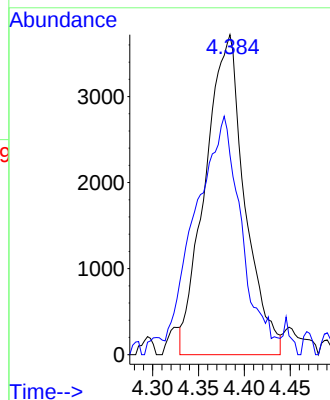
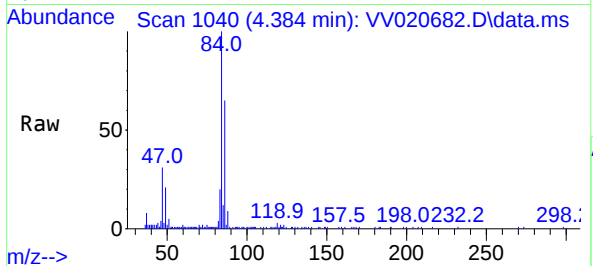
#25  
Chloroform  
Concen: 1.74 ug/L  
RT: 4.384 min Scan# 1040  
Delta R.T. 0.010 min  
Lab File: VV020682.D  
Acq: 18 Mar 2021 18:46

Tgt Ion: 83 Resp: 11130  
Ion Ratio Lower Upper  
83 100  
85 62.5 44.2 82.2

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ClientSampled :  
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#46  
Tetrachloroethene  
Concen: 49.27 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.000 min  
Lab File: VV020682.D  
Acq: 18 Mar 2021 18:46

Tgt Ion:164 Resp: 120804  
Ion Ratio Lower Upper  
164 100  
129 96.7 70.6 131.0  
131 91.2 66.8 124.0  
166 125.5 88.2 163.8

