

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031821\  
 Data File : VW020680.D  
 Acq On : 18 Mar 2021 17:48  
 Operator : SY/MD  
 Sample : M1685-20 10X  
 Misc : 6.07g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4G8

Manual Integrations  
 APPROVED

MMDadoda  
 3/19/2021 12:01:54 PM

Quant Time: Mar 19 04:03:37 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        | 5.622          | 114  | 415367     | 50.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 407961     | 50.00   | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 181158     | 50.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 114610     | 34.21   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 68.42%  |       |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 97939      | 36.54   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 73.08%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.105          | 63   | 171088     | 26.86   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 53.72%# |       |          |
| 21) 2-Butanone-d5             | 3.899          | 46   | 219064     | 101.87  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 101.87% |       |          |
| 24) Chloroform-d              | 4.352          | 84   | 243367     | 41.79   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.58%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 179373     | 46.68   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.36%  |       |          |
| 32) Benzene-d6                | 5.053          | 84   | 487121     | 43.22   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.44%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.076          | 67   | 162497     | 45.06   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 90.12%  |       |          |
| 41) Toluene-d8                | 7.320          | 98   | 418653     | 41.79   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 83.58%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 68111      | 40.41   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 80.82%  |       |          |
| 47) 2-Hexanone-d5             | 8.095          | 63   | 128394     | 95.16   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 95.16%  |       |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.223         | 84   | 197477     | 43.82   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 87.64%  |       |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 171440     | 48.84   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 97.68%  |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 25) Chloroform                | 4.381          | 83   | 11318      | 1.90    | ug/L  | 94       |
| 46) Tetrachloroethene         | 7.979          | 164  | 21162      | 9.50    | ug/L  | 94       |
| 48) 2-Hexanone                | 8.153          | 43   | 16676m     | 4.42    | ug/L  |          |
| -----                         |                |      |            |         |       |          |

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

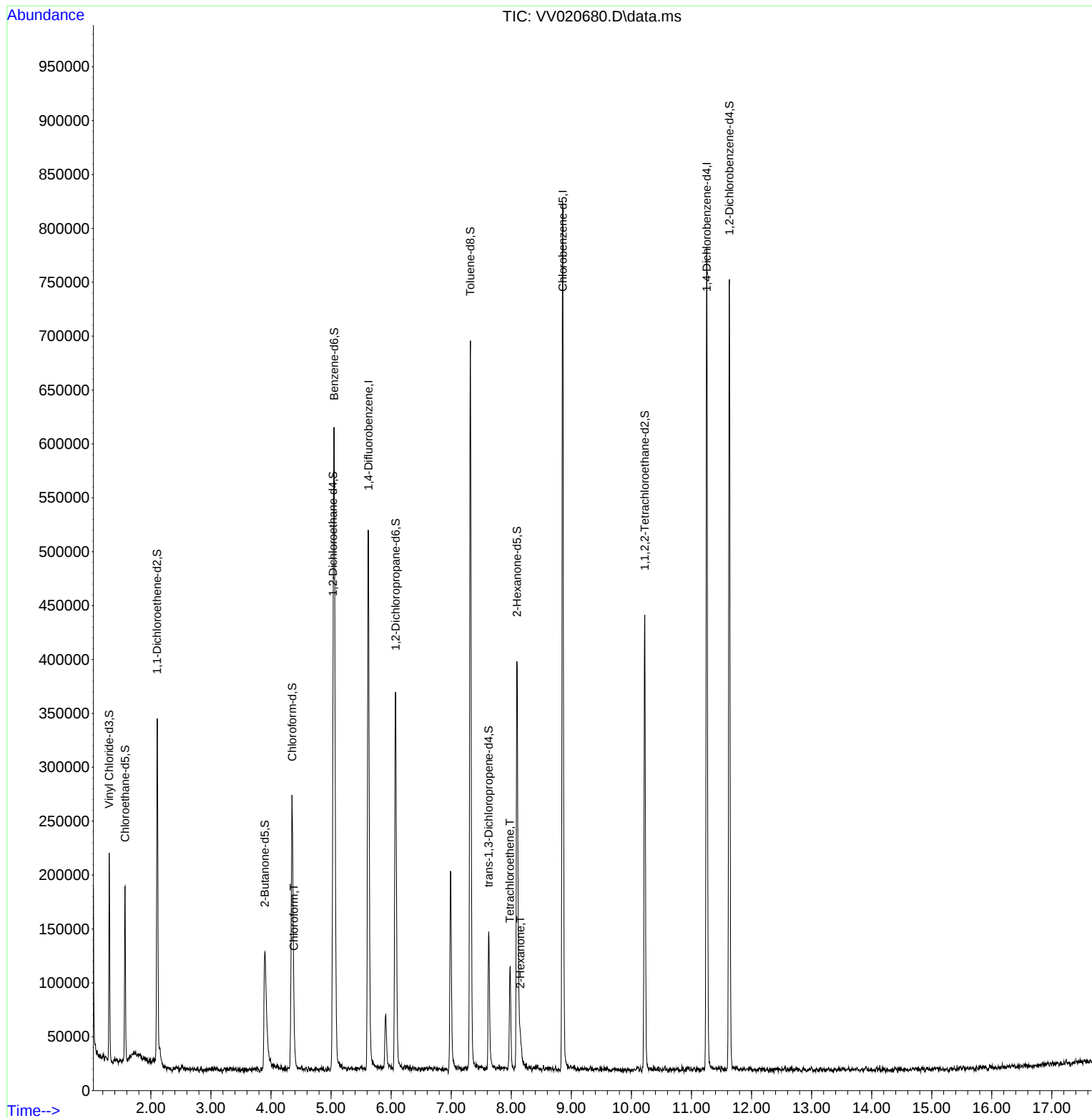
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031821\  
Data File : VV020680.D  
Acq On : 18 Mar 2021 17:48  
Operator : SY/MD  
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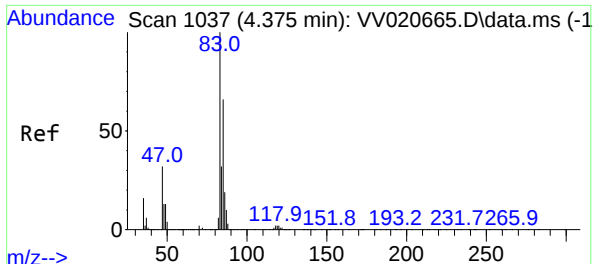
Instrument :  
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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 19 03:58:36 2021  
Response via : Initial Calibration





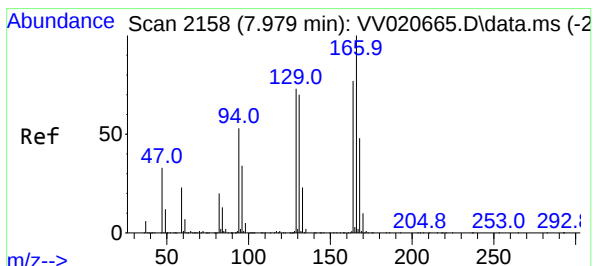
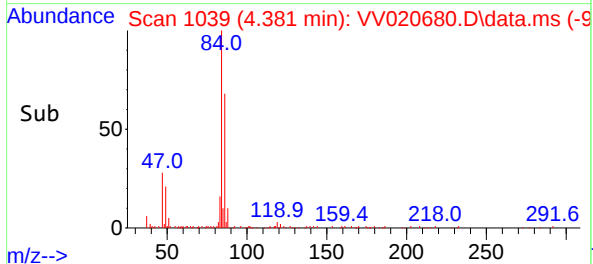
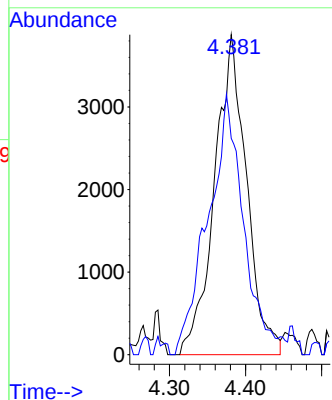
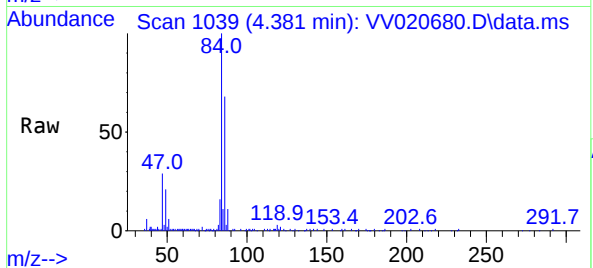
#25  
Chloroform  
Concen: 1.90 ug/L  
RT: 4.381 min Scan# 1039  
Delta R.T. 0.007 min  
Lab File: VV020680.D  
Acq: 18 Mar 2021 17:48

Tgt Ion: 83 Resp: 11318  
Ion Ratio Lower Upper  
83 100  
85 67.6 44.2 82.2

Instrument :  
MSVOA\_V  
ClientSampled :  
BG4G8

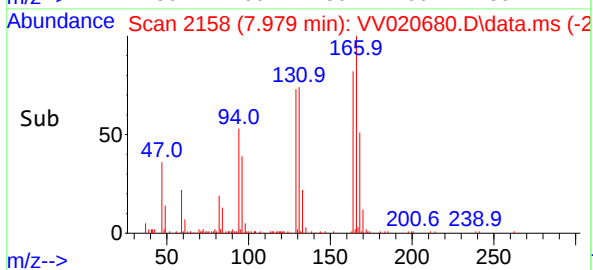
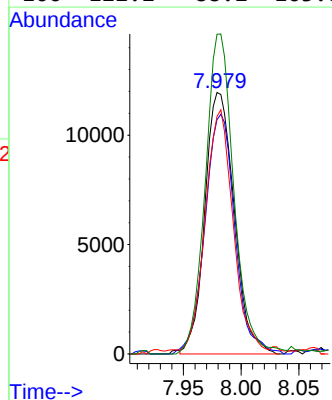
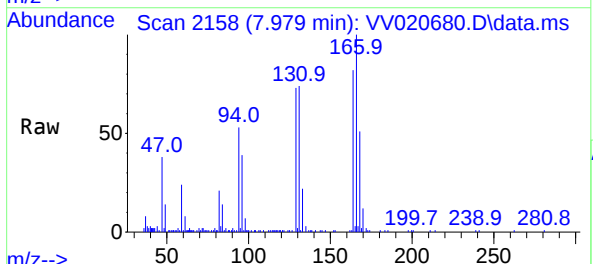
Manual Integrations  
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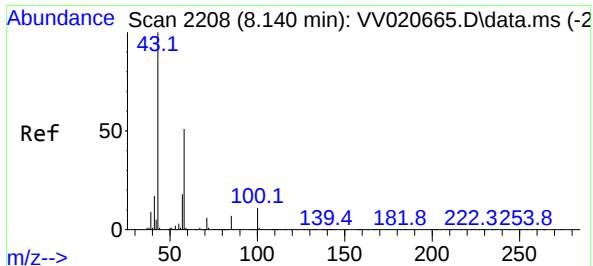
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#46  
Tetrachloroethene  
Concen: 9.50 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.000 min  
Lab File: VV020680.D  
Acq: 18 Mar 2021 17:48

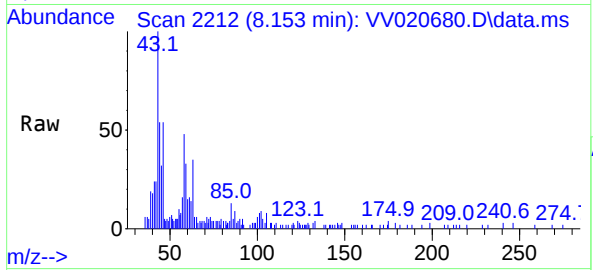
Tgt Ion: 164 Resp: 21162  
Ion Ratio Lower Upper  
164 100  
129 89.6 70.6 131.0  
131 90.8 66.8 124.0  
166 122.2 88.2 163.8





#48  
2-Hexanone  
Concen: 4.42 ug/L m  
RT: 8.153 min Scan# 2212  
Delta R.T. 0.013 min  
Lab File: VV020680.D  
Acq: 18 Mar 2021 17:48

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ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 16676 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.6  | 41.8  | 62.6# |
| 57       | 18.2  | 15.0  | 22.4  |
| 100      | 1.5   | 8.9   | 13.3# |

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