

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031821\  
 Data File : VV020666.D  
 Acq On : 18 Mar 2021 10:39  
 Operator : SY/MD  
 Sample : VV0318MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK72

Manual Integrations  
 APPROVED

MMDadoda  
 3/19/2021 12:01:24 PM

Quant Time: Mar 19 03:59:25 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  | 441936     | 50.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 435764     | 50.00   | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 195891     | 50.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 138073     | 38.73   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 77.46%  |       |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 112608     | 39.48   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 78.96%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 196221     | 28.96   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 57.92%# |       |          |
| 21) 2-Butanone-d5             | 3.899          | 46   | 222053     | 97.05   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 97.05%  |       |          |
| 24) Chloroform-d              | 4.352          | 84   | 263802     | 42.57   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.14%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 182347     | 44.60   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.20%  |       |          |
| 32) Benzene-d6                | 5.050          | 84   | 531356     | 44.13   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.26%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 176067     | 45.71   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 91.42%  |       |          |
| 41) Toluene-d8                | 7.317          | 98   | 457804     | 42.78   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 85.56%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.622          | 79   | 76242      | 42.35   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 84.70%  |       |          |
| 47) 2-Hexanone-d5             | 8.092          | 63   | 129602     | 89.93   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 89.93%  |       |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 211229     | 43.88   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 87.76%  |       |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 180792     | 47.63   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.26%  |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 25) Chloroform                | 4.381          | 83   | 13154m     | 2.07    | ug/L  |          |
| 48) 2-Hexanone                | 8.149          | 43   | 13609m     | 3.37    | ug/L  |          |
| -----                         |                |      |            |         |       |          |

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

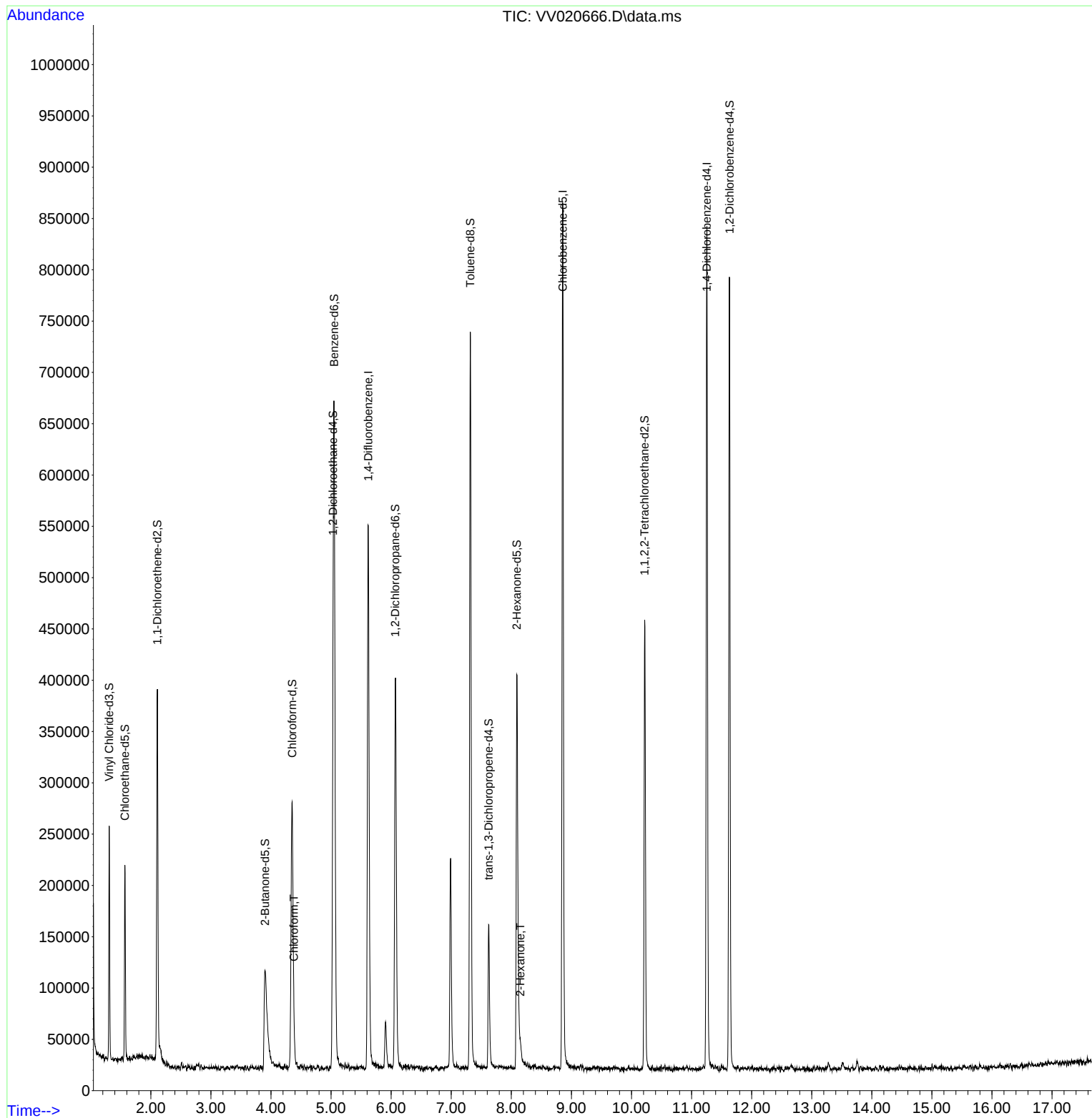
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031821\  
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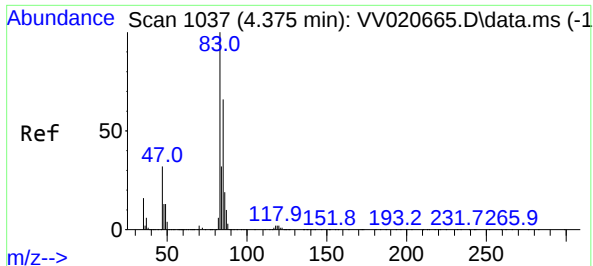
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#25

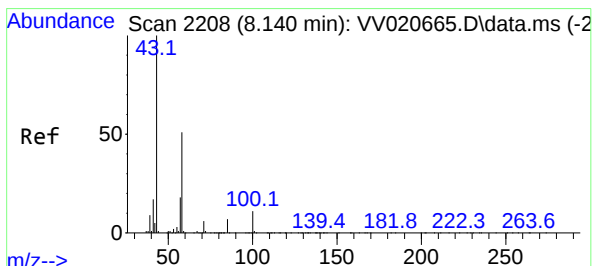
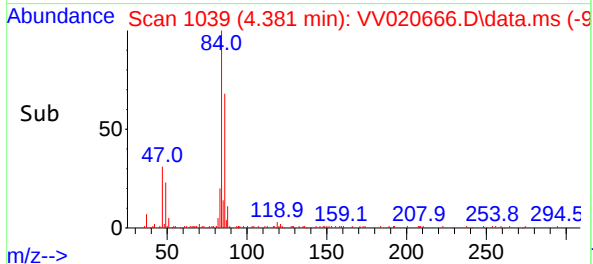
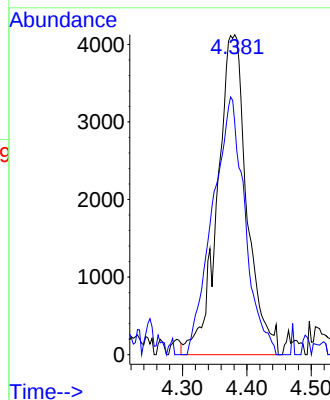
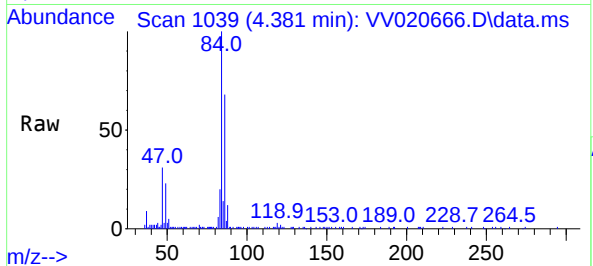
Chloroform  
Concen: 2.07 ug/L m  
RT: 4.381 min Scan# 1039  
Delta R.T. 0.007 min  
Lab File: VV020666.D  
Acq: 18 Mar 2021 10:39

Tgt Ion: 83 Resp: 13154  
Ion Ratio Lower Upper  
83 100  
85 72.4 44.2 82.2

Instrument :  
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#48

2-Hexanone  
Concen: 3.37 ug/L m  
RT: 8.149 min Scan# 2211  
Delta R.T. 0.010 min  
Lab File: VV020666.D  
Acq: 18 Mar 2021 10:39

Tgt Ion: 43 Resp: 13609  
Ion Ratio Lower Upper  
43 100  
58 0.0 41.8 62.6#  
57 27.1 15.0 22.4#  
100 0.9 8.9 13.3#

