

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011521\  
 Data File : VV020021.D  
 Acq On : 15 Jan 2021 13:24  
 Operator : SY/MD  
 Sample : M1147-10 100X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4Y4

Manual Integrations  
 APPROVED

MMDadoda  
 1/18/2021 12:48:43 PM

Quant Time: Jan 16 04:45:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM011121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jan 16 04:43:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.624          | 114  | 386749     | 50.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.858          | 117  | 376194     | 50.00   | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.257         | 152  | 188958     | 50.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.309          | 65   | 141178     | 43.28   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 86.56%  |       |          |
| 7) Chloroethane-d5            | 1.569          | 69   | 129695     | 49.81   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 99.62%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.109          | 63   | 222918     | 34.69   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.38%  |       |          |
| 21) 2-Butanone-d5             | 3.891          | 46   | 221203     | 104.53  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 104.53% |       |          |
| 24) Chloroform-d              | 4.354          | 84   | 263690     | 44.87   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.74%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.035          | 65   | 192748     | 48.25   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.50%  |       |          |
| 32) Benzene-d6                | 5.055          | 84   | 483026     | 45.49   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.98%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.074          | 67   | 154207     | 46.52   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 93.04%  |       |          |
| 41) Toluene-d8                | 7.321          | 98   | 430874     | 44.78   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.56%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.627          | 79   | 72140      | 41.94   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.88%  |       |          |
| 47) 2-Hexanone-d5             | 8.093          | 63   | 121857     | 91.69   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 91.69%  |       |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.222         | 84   | 197984     | 44.18   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 88.36%  |       |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.630         | 152  | 173713     | 47.60   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.20%  |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 48) 2-Hexanone                | 8.145          | 43   | 13981m     | 4.08    | ug/L  |          |
| -----                         |                |      |            |         |       |          |

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

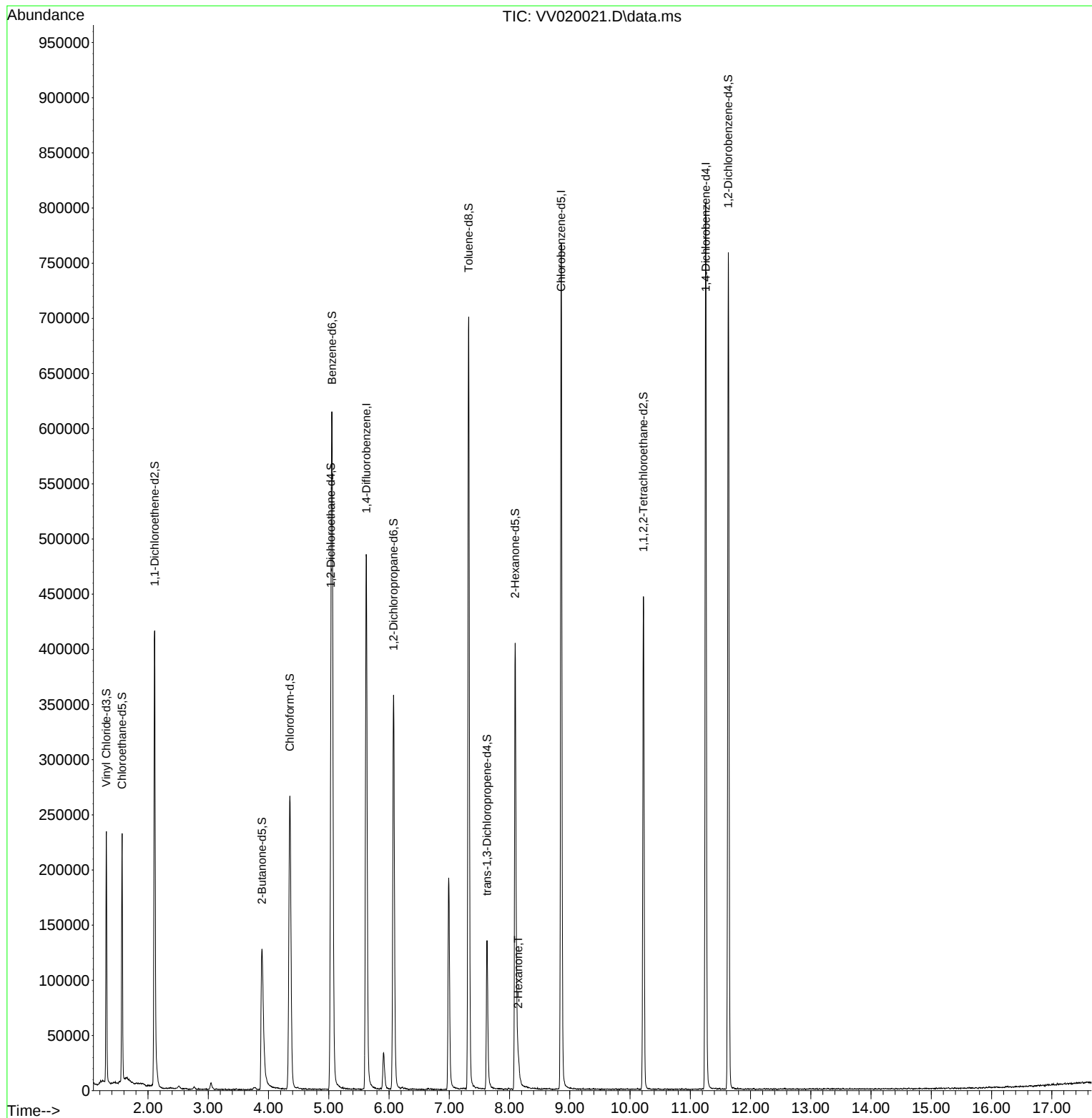
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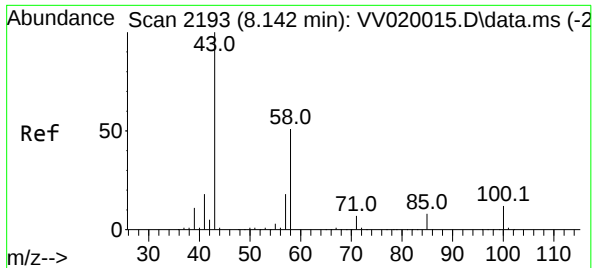
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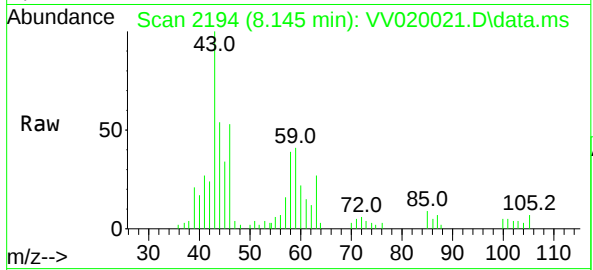
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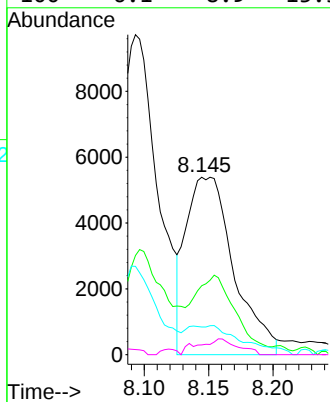
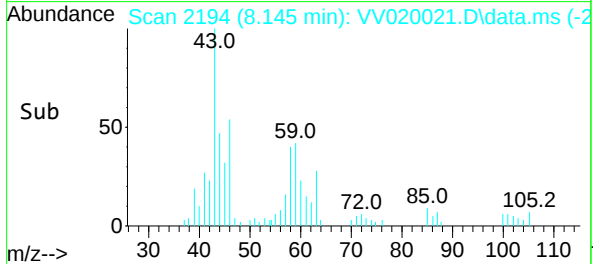




#48  
 2-Hexanone  
 Concen: 4.08 ug/L m  
 RT: 8.145 min Scan# 2194  
 Delta R.T. 0.003 min  
 Lab File: VV020021.D  
 Acq: 15 Jan 2021 13:24



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 13981 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 33.5  | 41.8  | 62.6# |
| 57       | 0.0   | 15.0  | 22.4# |
| 100      | 6.1   | 8.9   | 13.3# |



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