

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041521\  
 Data File : VV021032.D  
 Acq On : 15 Apr 2021 16:12  
 Operator : SY/MD  
 Sample : M2062-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3K1

Manual Integrations  
 APPROVED

MMDadoda  
 4/16/2021 12:47:59 PM

Quant Time: Apr 16 03:05:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041421WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 15 01:36:39 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.622          | 114  | 464180     | 50.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 453708     | 50.00   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 217233     | 50.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 112095     | 44.39   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 88.78%  |       |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 95858      | 48.29   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 96.58%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 197567     | 36.48   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 72.96%  |       |          |
| 21) 2-Butanone-d5             | 3.908          | 46   | 165004     | 99.36   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 99.36%  |       |          |
| 24) Chloroform-d              | 4.352          | 84   | 294474     | 46.97   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.94%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.037          | 65   | 214854     | 50.71   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.42% |       |          |
| 32) Benzene-d6                | 5.056          | 84   | 551658     | 49.25   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.50%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.075          | 67   | 158344     | 50.92   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 101.84% |       |          |
| 41) Toluene-d8                | 7.320          | 98   | 533353     | 48.05   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 96.10%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 94940      | 49.54   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 99.08%  |       |          |
| 47) 2-Hexanone-d5             | 8.095          | 63   | 136447     | 102.15  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 102.15% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 245757     | 48.76   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 97.52%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 241205     | 54.39   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 108.78% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 13) Acetone                   | 2.211          | 43   | 13967m     | 10.04   | ug/L  |          |
| 25) Chloroform                | 4.378          | 83   | 15707m     | 2.43    | ug/L  |          |
| -----                         |                |      |            |         |       |          |

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

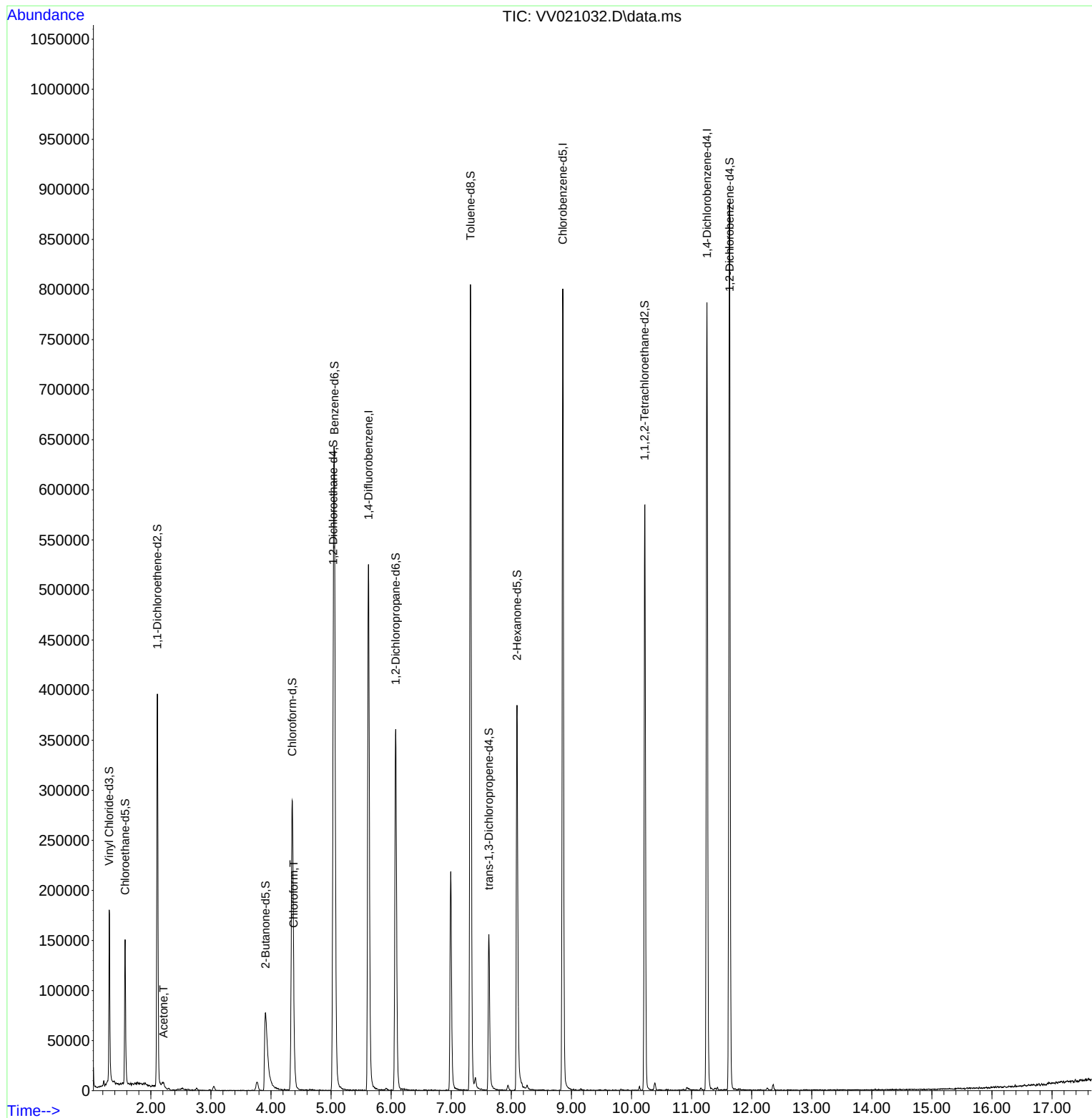
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041521\  
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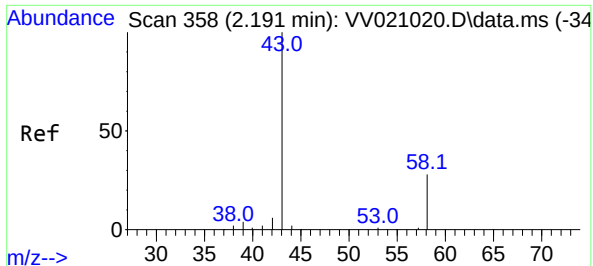
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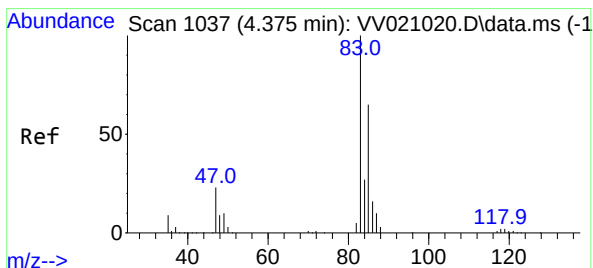
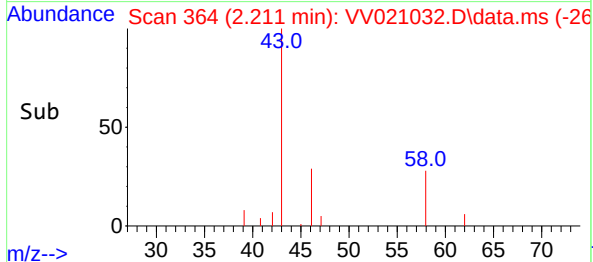
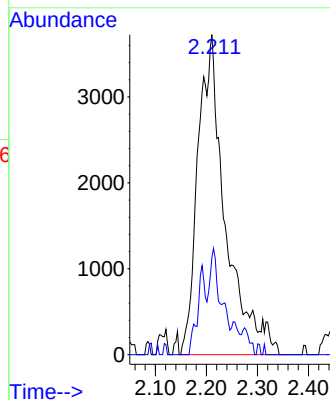
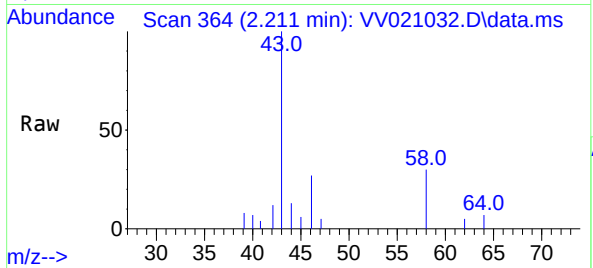
#13  
Acetone  
Concen: 10.04 ug/L m  
RT: 2.211 min Scan# 364  
Delta R.T. 0.020 min  
Lab File: VV021032.D  
Acq: 15 Apr 2021 16:12

Tgt Ion: 43 Resp: 13967  
Ion Ratio Lower Upper  
43 100  
58 4.9 0.0 61.8

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ClientSampled :  
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#25  
Chloroform  
Concen: 2.43 ug/L m  
RT: 4.378 min Scan# 1038  
Delta R.T. -0.003 min  
Lab File: VV021032.D  
Acq: 15 Apr 2021 16:12

Tgt Ion: 83 Resp: 15707  
Ion Ratio Lower Upper  
83 100  
85 69.4 46.6 86.6

