

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011821\  
 Data File : VW017935.D  
 Acq On : 18 Jan 2021 17:53  
 Operator : SY/VA  
 Sample : M1167-01  
 Misc : 6.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFT71

Manual Integrations  
 APPROVED

MMDadoda  
 1/20/2021 4:58:04 PM

Quant Time: Jan 19 06:59:11 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM011821S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 19 06:55:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 483426     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 405481     | 25.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 157244     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 184501     | 24.31   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 97.24%  |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 147479     | 23.54   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 94.16%  |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 239067     | 17.44   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 69.76%  |        |          |
| 20) 2-Butanone-d5             | 7.080          | 46   | 73973      | 40.31   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 80.62%  |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 309612     | 23.47   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 93.88%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 175050m    | 23.46   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 93.84%  |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 607691     | 26.19   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 104.76% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 171457     | 25.96   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 103.84% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 553936     | 25.42   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 101.68% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 70285      | 23.30   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 93.20%  |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 53953      | 45.57   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 91.14%  |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 128915     | 21.95   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 87.80%  |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 136132     | 24.88   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 99.52%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.141          | 43   | 3727       | 2.88    | ug/L   | 60       |
| 16) Methylene chloride        | 4.915          | 84   | 12891      | 1.84    | ug/L   | 95       |
| -----                         |                |      |            |         |        |          |

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

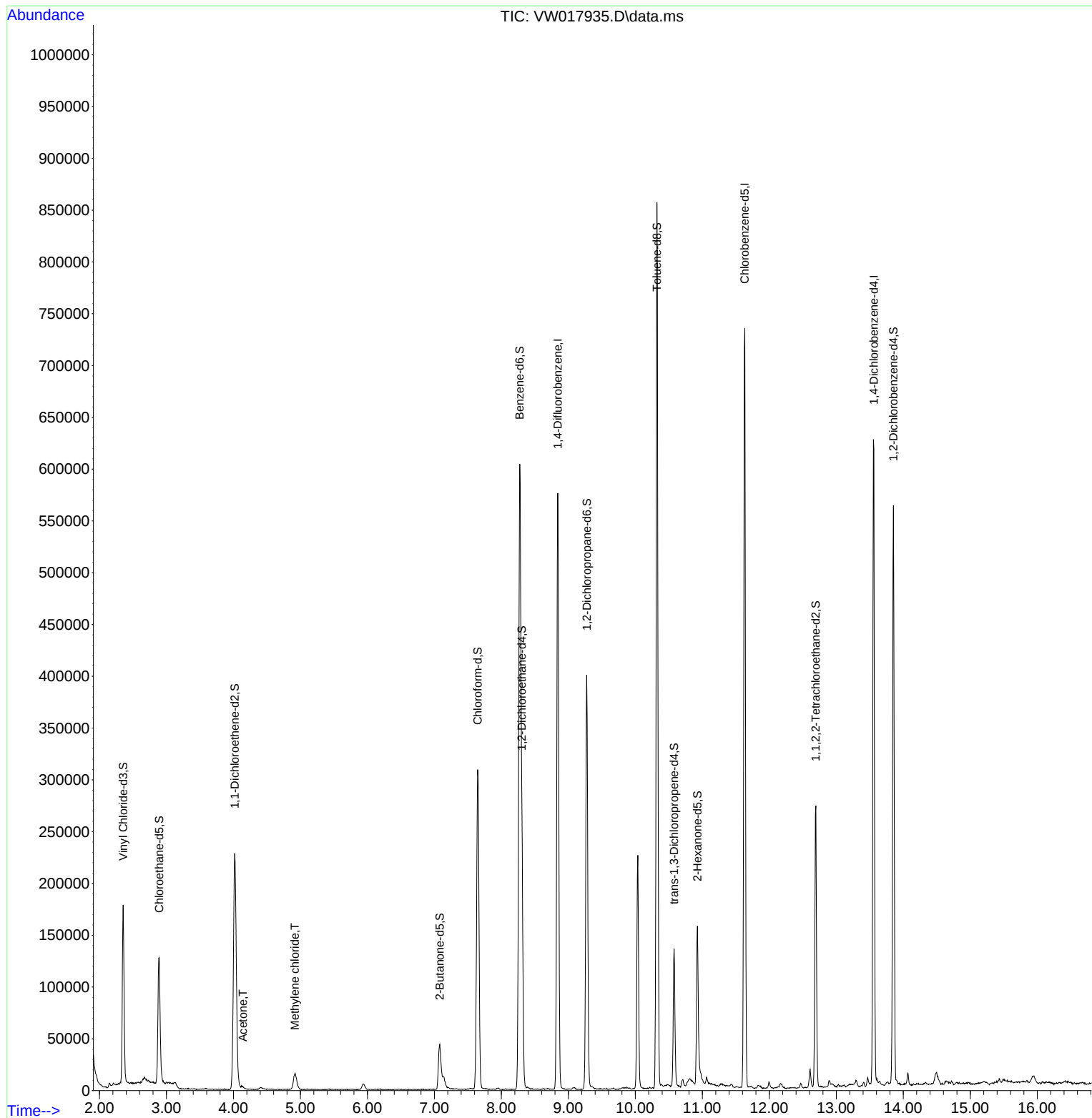
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011821\  
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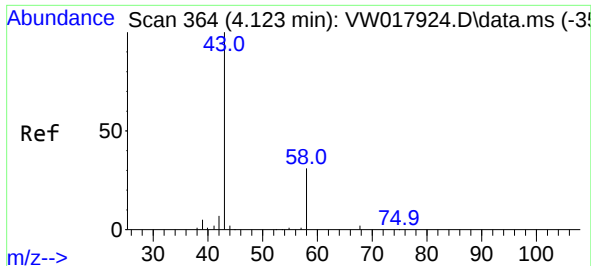
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Quant Title : VOC Analysis  
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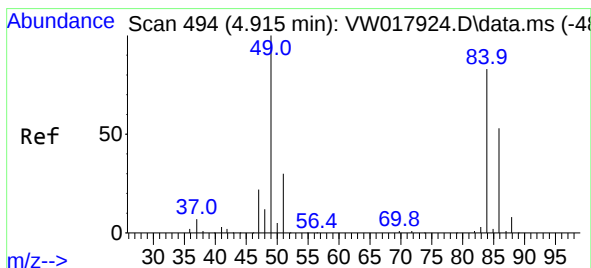
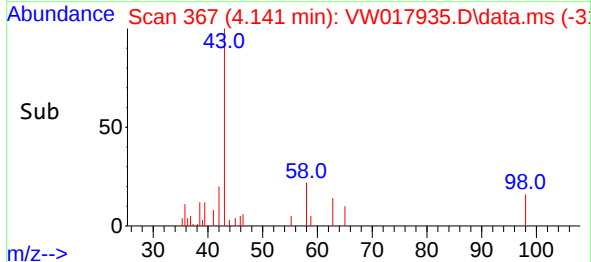
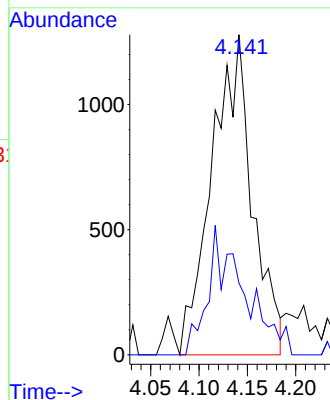
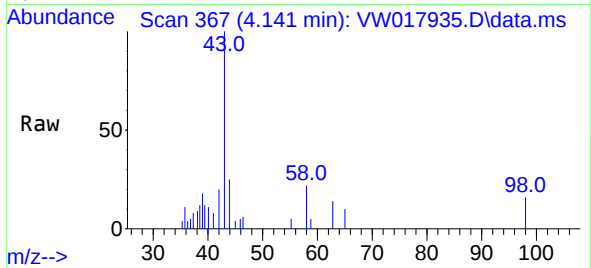
#13  
Acetone  
Concen: 2.88 ug/L  
RT: 4.141 min Scan# 367  
Delta R.T. 0.018 min  
Lab File: VW017935.D  
Acq: 18 Jan 2021 17:53

Tgt Ion: 43 Resp: 3727  
Ion Ratio Lower Upper  
43 100  
58 11.1 0.0 68.4

Instrument :  
MSVOA\_W  
ClientSampled :  
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#16  
Methylene chloride  
Concen: 1.84 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. -0.000 min  
Lab File: VW017935.D  
Acq: 18 Jan 2021 17:53

Tgt Ion: 84 Resp: 12891  
Ion Ratio Lower Upper  
84 100  
49 113.0 81.2 150.8  
86 55.9 44.5 82.7

