

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011821\  
 Data File : VW017941.D  
 Acq On : 18 Jan 2021 20:14  
 Operator : SY/VA  
 Sample : M1167-07  
 Misc : 4.78G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFT77

Manual Integrations  
 APPROVED

MMDadoda  
 1/20/2021 4:58:13 PM

Quant Time: Jan 19 07:00:47 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        | 8.841          | 114  | 494688     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 447202     | 25.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 207603     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 177634     | 22.88   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 91.52%  |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 149536     | 23.33   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 93.32%  |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 244929     | 17.46   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 69.84%  |        |          |
| 20) 2-Butanone-d5             | 7.080          | 46   | 60518      | 32.23   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 64.46%  |        |          |
| 24) Chloroform-d              | 7.646          | 84   | 317967     | 23.56   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 94.24%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 172522     | 22.59   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 90.36%  |        |          |
| 29) Benzene-d6                | 8.274          | 84   | 633821     | 24.76   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 99.04%  |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 176286     | 24.20   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 96.80%  |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 594720     | 24.75   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 99.00%  |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 69357      | 20.85   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 83.40%  |        |          |
| 39) 2-Hexanone-d5             | 10.926         | 63   | 42772      | 32.76   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 65.52%  |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 122078     | 18.85   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 75.40%  |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 186883     | 25.87   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 103.48% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.135          | 43   | 2632       | 1.99    | ug/L   | 77       |
| 16) Methylene chloride        | 4.915          | 84   | 14513m     | 2.03    | ug/L   |          |
| -----                         |                |      |            |         |        |          |

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

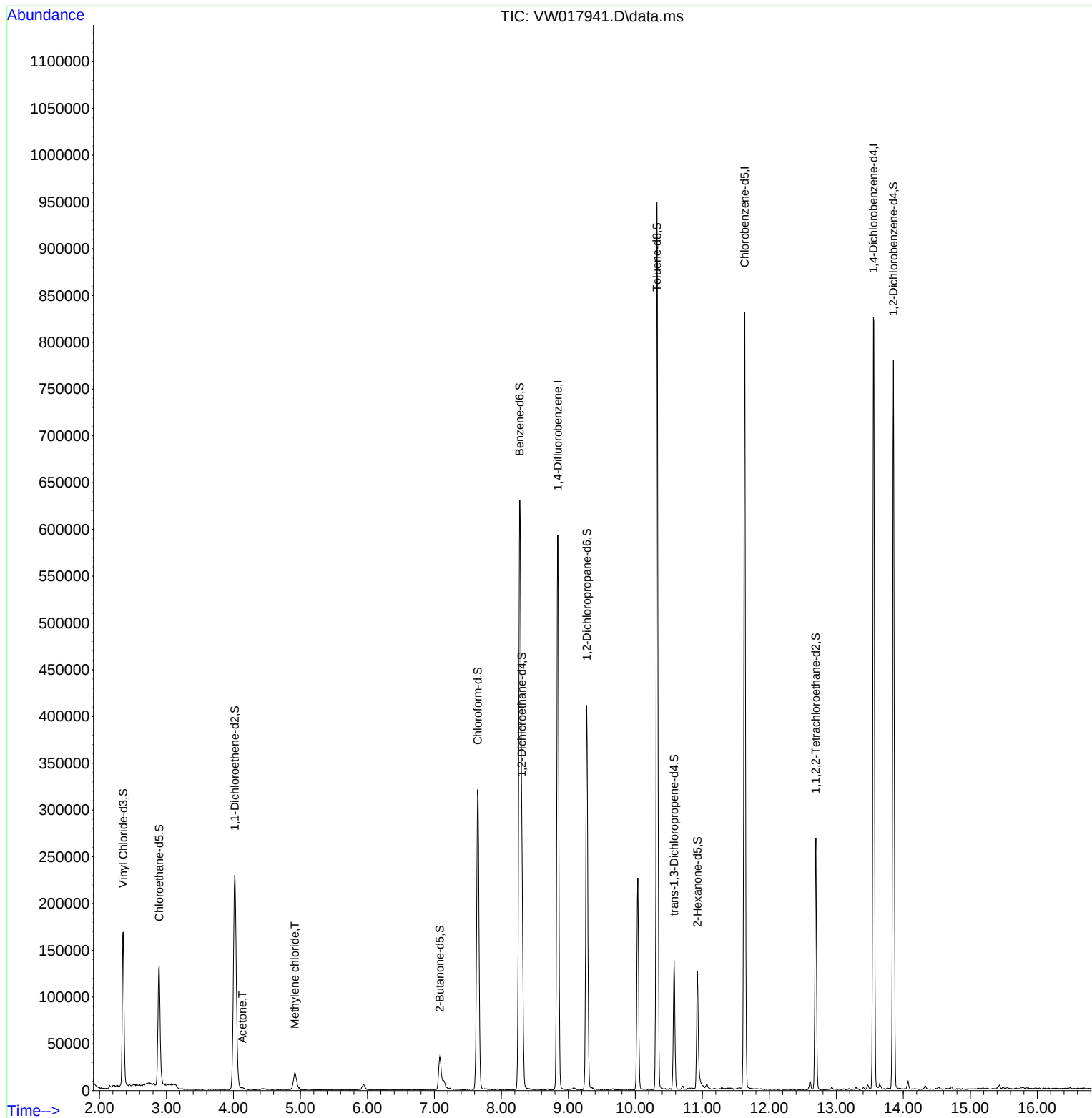
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011821\  
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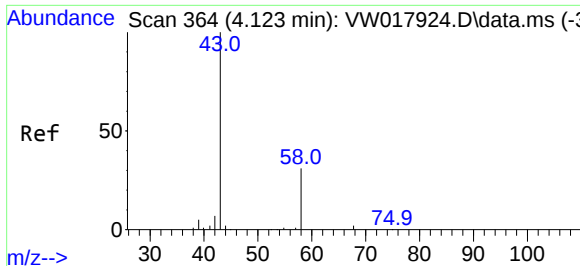
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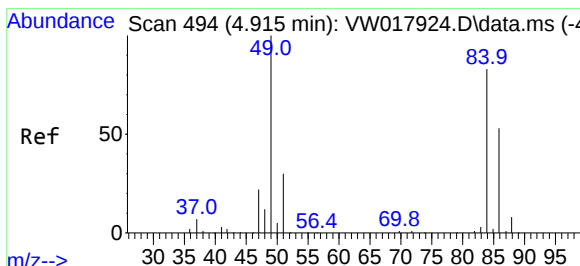
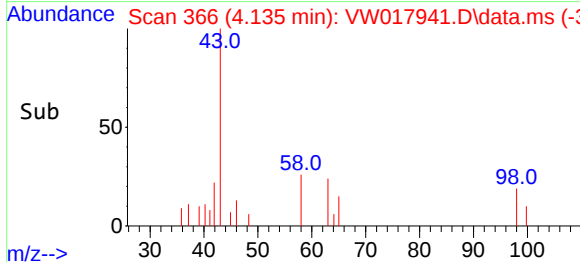
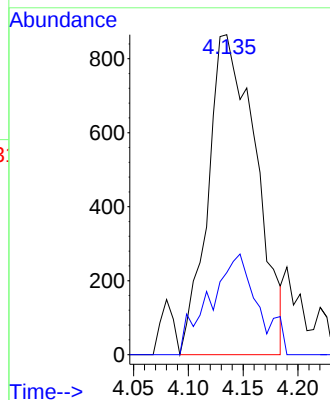
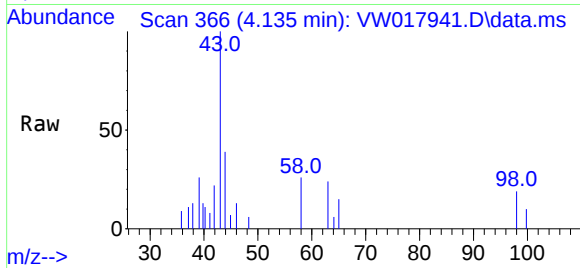
#13  
Acetone  
Concen: 1.99 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.012 min  
Lab File: VW017941.D  
Acq: 18 Jan 2021 20:14

Tgt Ion: 43 Resp: 2632  
Ion Ratio Lower Upper  
43 100  
58 20.7 0.0 68.4

Instrument :  
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#16  
Methylene chloride  
Concen: 2.03 ug/L m  
RT: 4.915 min Scan# 494  
Delta R.T. -0.000 min  
Lab File: VW017941.D  
Acq: 18 Jan 2021 20:14

Tgt Ion: 84 Resp: 14513  
Ion Ratio Lower Upper  
84 100  
49 112.8 81.2 150.8  
86 60.4 44.5 82.7

