

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030921\  
 Data File : VW018260.D  
 Acq On : 09 Mar 2021 13:04  
 Operator : SY/VA  
 Sample : M1610-03  
 Misc : 5.27G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG543

Manual Integrations  
 APPROVED

MMDadoda  
 3/12/2021 3:13:58 PM

Quant Time: Mar 10 02:14:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM030821S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 10 02:13:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 279730     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 247085     | 25.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 112489     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 88192      | 29.11   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 116.44% |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 67641      | 27.50   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 110.00% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 142275     | 20.21   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 80.84%  |        |          |
| 20) 2-Butanone-d5             | 7.080          | 46   | 26142      | 36.30   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 72.60%  |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 184752     | 24.38   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 97.52%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 95828      | 22.98   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 91.92%  |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 346424     | 26.34   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 105.36% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 90076      | 24.71   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 98.84%  |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 334972     | 26.39   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 105.56% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 41301      | 22.86   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 91.44%  |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 21836      | 36.01   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 72.02%  |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 62228      | 19.97   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 79.88%  |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 100860     | 24.67   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 98.68%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.123          | 43   | 1789m      | 3.18    | ug/L   |          |
| 16) Methylene chloride        | 4.915          | 84   | 7477       | 1.75    | ug/L   | 95       |
| -----                         |                |      |            |         |        |          |

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

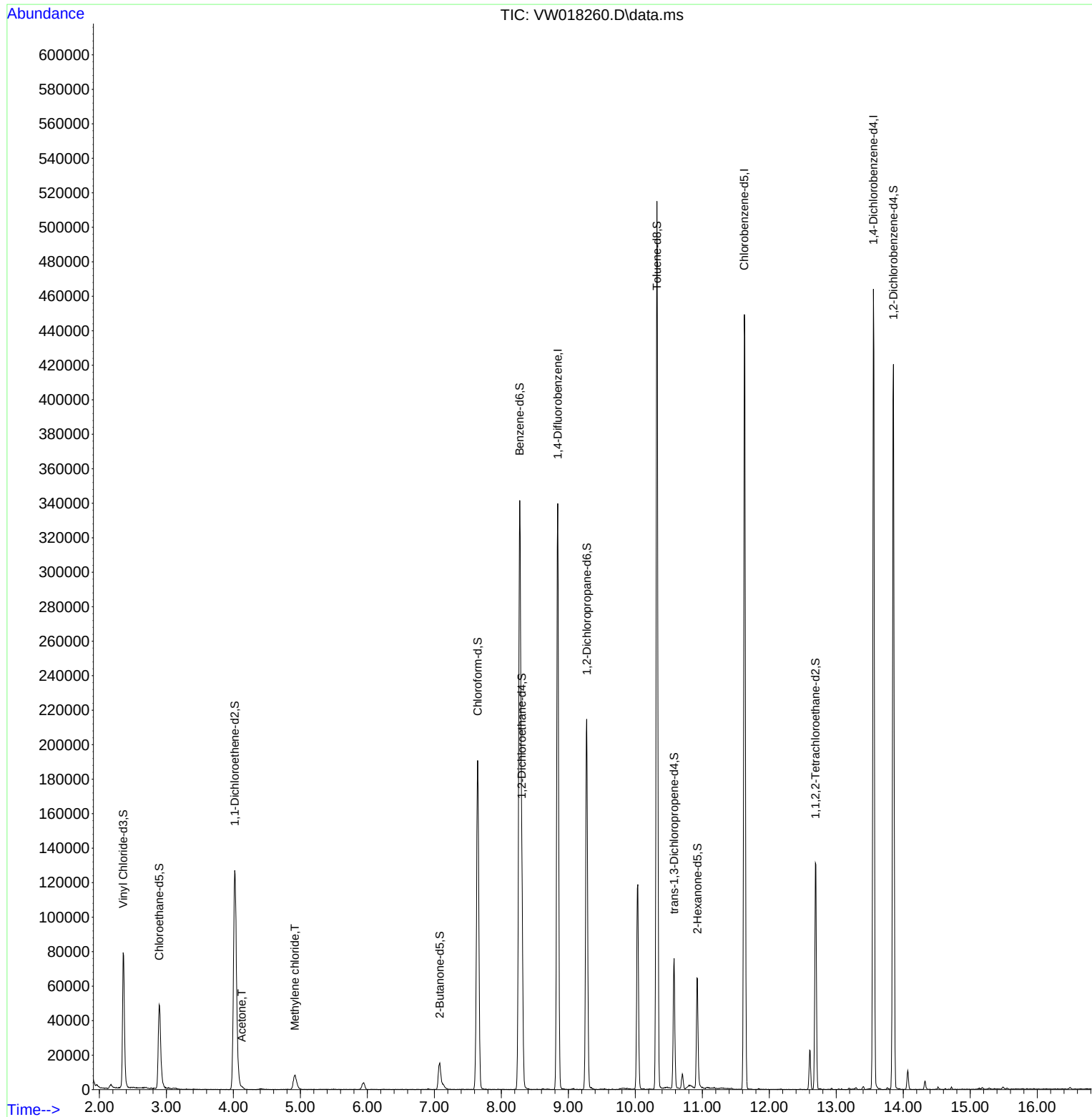
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030921\  
Data File : VW018260.D  
Acq On : 09 Mar 2021 13:04  
Operator : SY/VA  
Sample : M1610-03  
Misc : 5.27G/10ML/MSVOA\_W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

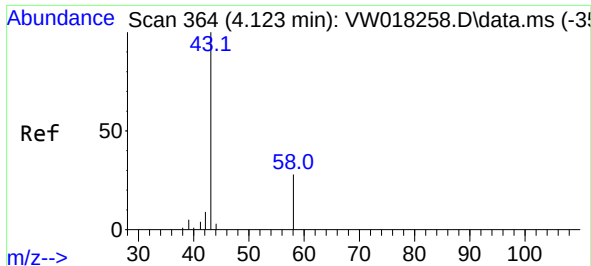
Instrument :  
MSVOA\_W  
ClientSampleId :  
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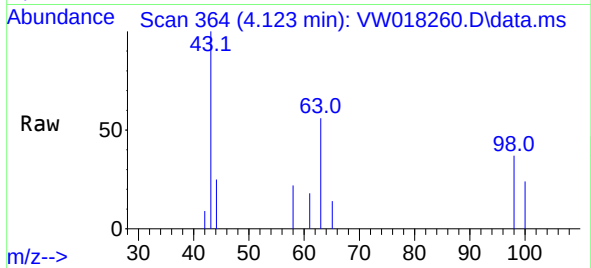
Quant Time: Mar 10 02:14:40 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM030821S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Mar 10 02:13:53 2021  
Response via : Initial Calibration





#13  
Acetone  
Concen: 3.18 ug/L m  
RT: 4.123 min Scan# 364  
Delta R.T. 0.000 min  
Lab File: VW018260.D  
Acq: 09 Mar 2021 13:04

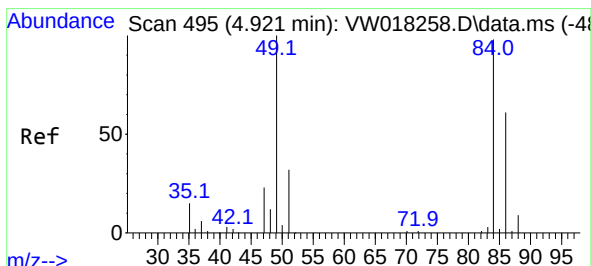
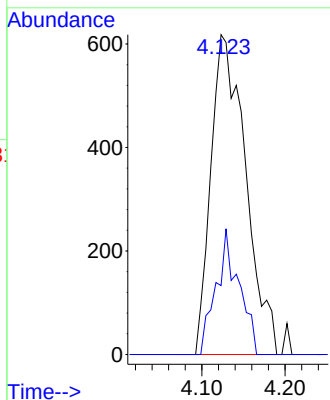
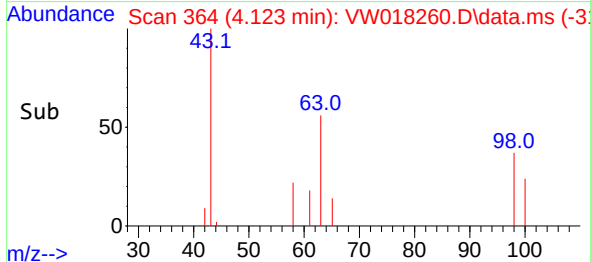
Instrument :  
MSVOA\_W  
ClientSampled :  
BG543



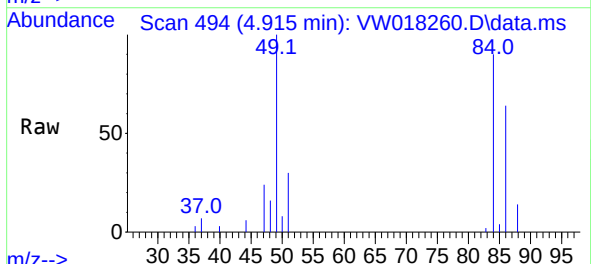
Tgt Ion: 43 Resp: 1789  
Ion Ratio Lower Upper  
43 100  
58 16.8 0.0 62.2

Manual Integrations  
APPROVED

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3/12/2021 3:13:58 PM



#16  
Methylene chloride  
Concen: 1.75 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW018260.D  
Acq: 09 Mar 2021 13:04



Tgt Ion: 84 Resp: 7477  
Ion Ratio Lower Upper  
84 100  
49 110.9 74.4 138.2  
86 70.5 46.1 85.7

