

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020221\  
 Data File : VW018016.D  
 Acq On : 02 Feb 2021 17:23  
 Operator : SY/VA  
 Sample : M1298-04  
 Misc : 5.08G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0A42

Manual Integrations  
 APPROVED

MMDadoda  
 2/4/2021 4:34:39 PM

Quant Time: Feb 03 00:27:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Feb 03 00:24:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 400717     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 330764     | 25.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 138166     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 109183     | 21.92   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 87.68%  |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 88712      | 22.44   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 89.76%  |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.025          | 63   | 163559     | 16.43   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 65.72%  |        |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 44028      | 33.13   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 66.26%  |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 246169     | 23.41   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 93.64%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 123130m    | 21.98   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 87.92%  |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 482528     | 26.57   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 106.28% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 135876     | 26.75   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 107.00% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 447376     | 25.89   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 103.56% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 50328      | 21.86   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 87.44%  |        |          |
| 39) 2-Hexanone-d5             | 10.920         | 63   | 36655      | 37.74   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 75.48%  |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 94376      | 21.15   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 84.60%  |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 124630     | 25.29   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 101.16% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.123          | 43   | 14502      | 14.75   | ug/L   | 97       |
| 16) Methylene chloride        | 4.922          | 84   | 8136       | 1.27    | ug/L   | 91       |
| -----                         |                |      |            |         |        |          |

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

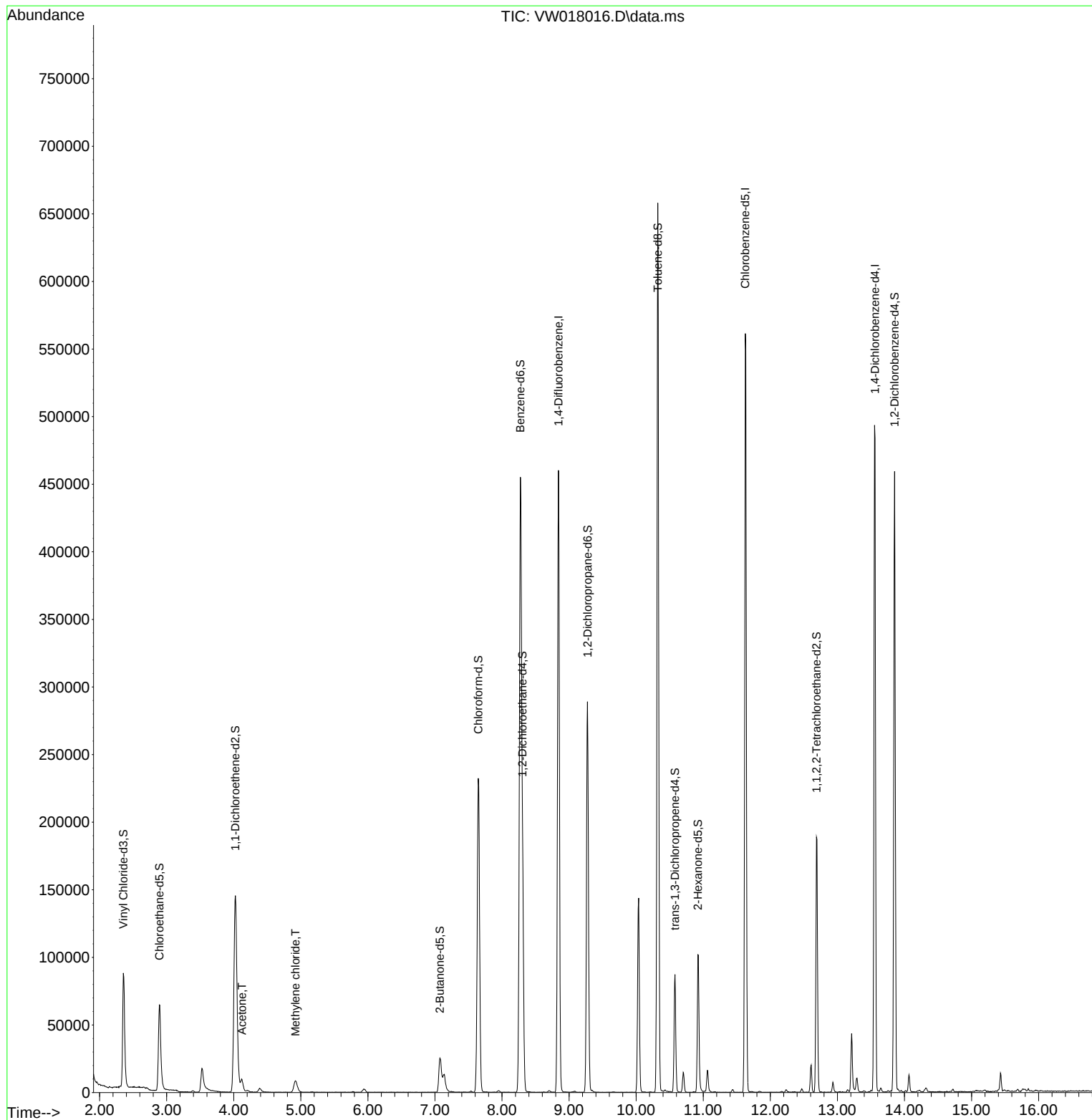
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020221\  
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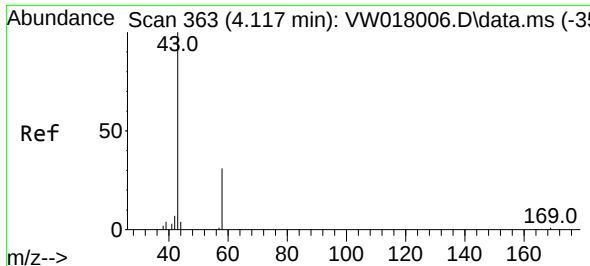
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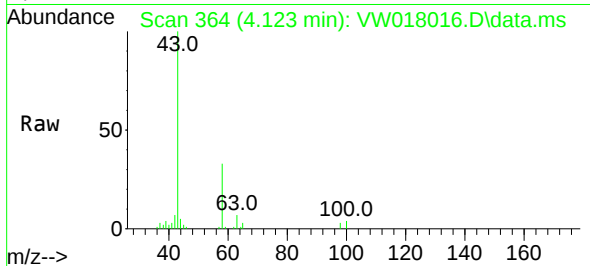
Quant Time: Feb 03 00:27:57 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Feb 03 00:24:42 2021  
Response via : Initial Calibration





#13  
Acetone  
Concen: 14.75 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VW018016.D  
Acq: 02 Feb 2021 17:23

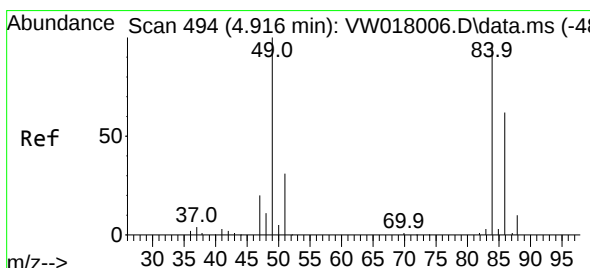
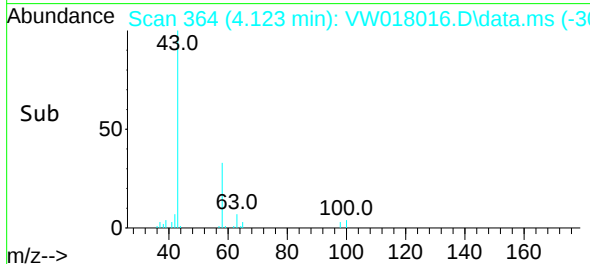
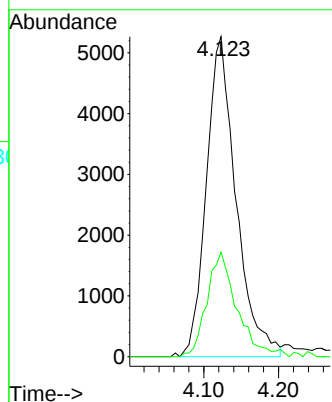
Instrument :  
MSVOA\_W  
ClientSampled :  
C0A42



Tgt Ion: 43 Resp: 14502  
Ion Ratio Lower Upper  
43 100  
58 32.4 0.0 68.4

Manual Integrations  
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#16  
Methylene chloride  
Concen: 1.27 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW018016.D  
Acq: 02 Feb 2021 17:23

Tgt Ion: 84 Resp: 8136  
Ion Ratio Lower Upper  
84 100  
49 104.7 81.2 150.8  
86 69.4 44.5 82.7

