

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\  
 Data File : VW017408.D  
 Acq On : 20 Nov 2020 11:40  
 Operator : SY/VA  
 Sample : L4751-23  
 Misc : 5.37G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AY6

Manual Integrations  
 APPROVED

MMDadoda  
 11/23/2020 12:51:48 PM

Quant Time: Nov 21 00:48:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Nov 21 00:30:34 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 370599   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 313379   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 129893   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 133648   | 24.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.44%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 110004   | 25.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 100.96% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 174525   | 18.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 72.72%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 31528    | 34.99    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 69.98%  |
| 24) Chloroform-d               | 7.65   | 84    | 230946   | 23.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 94.88%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 106474   | 22.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 90.52%  |
| 29) Benzene-d6                 | 8.27   | 84    | 462907   | 26.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 104.80% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 122542   | 26.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 104.16% |
| 37) Toluene-d8                 | 10.33  | 98    | 434733   | 26.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 104.56% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 43912    | 21.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 85.72%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 22470    | 35.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 71.22%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 77081    | 21.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 86.44%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 117420   | 24.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.96%  |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.12 | 43 | 1052m | 1.600 ug/L |        |
| 16) Methylene chloride | 4.92 | 84 | 7910  | 1.248 ug/L | 94     |

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

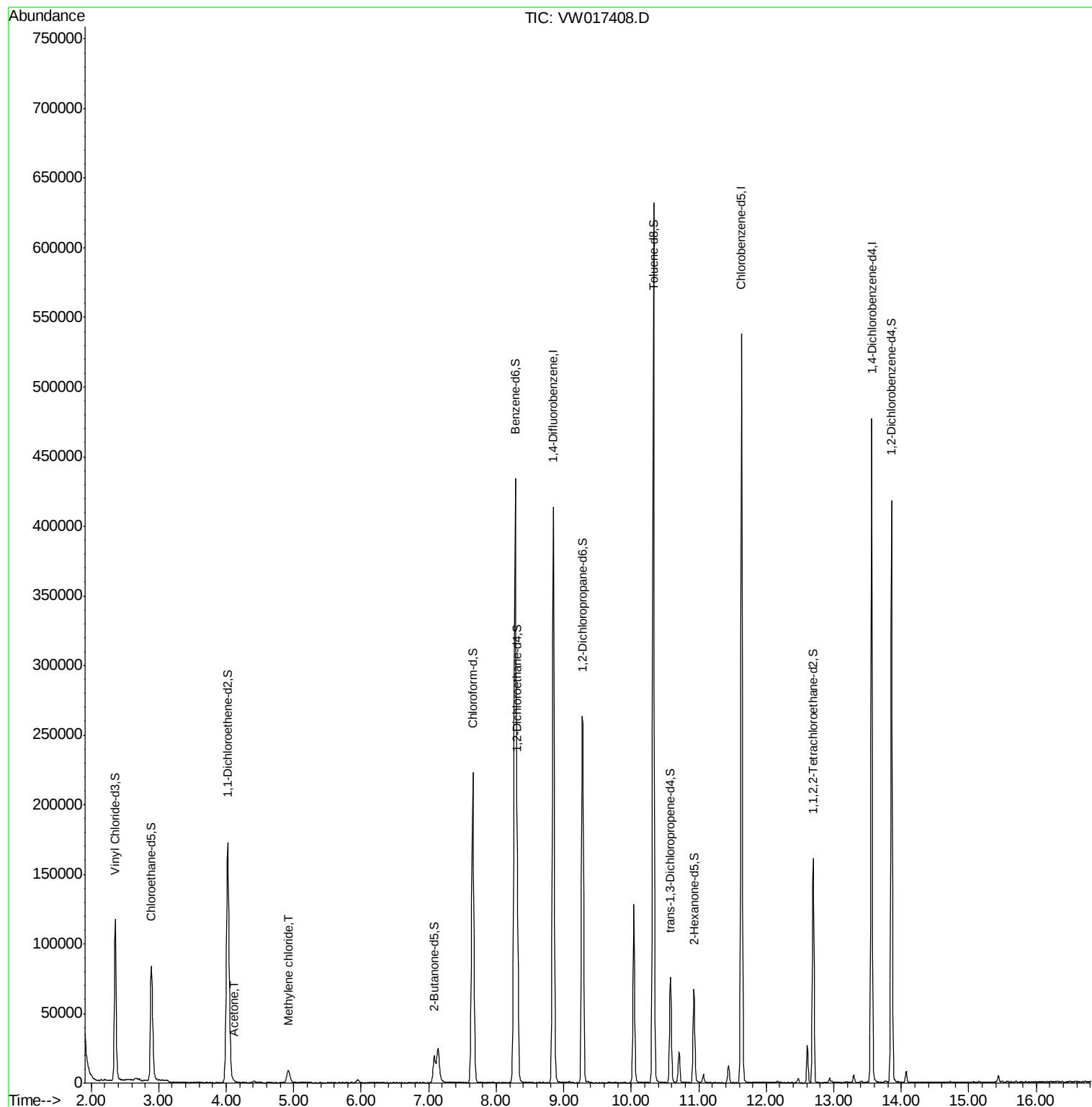
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112020\  
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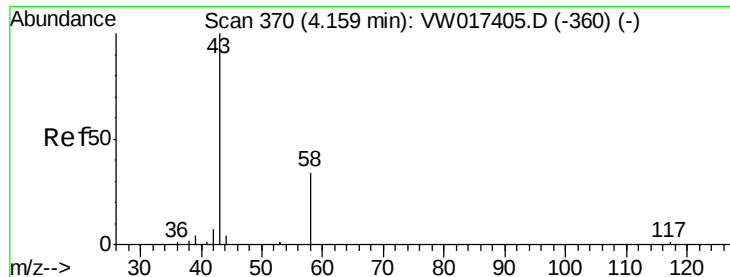
Instrument :  
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Quant Title : VOC Analysis  
QLast Update : Sat Nov 21 00:30:34 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 1.600 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. -0.04 min

Lab File: VW017408.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA\_W

ClientSampleId :

C0AY6

Tot Ion: 43 Resp: 1052

Ion Ratio Lower Upper

43 100

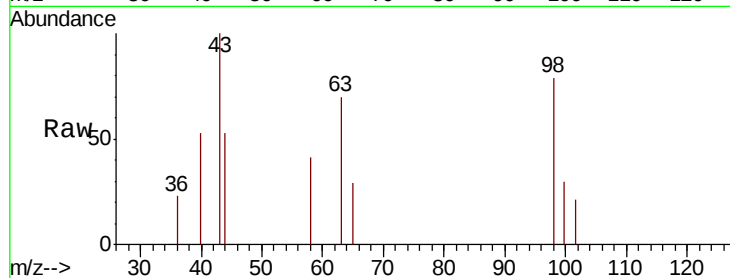
58 3.5 0.0 67.0

Manual Integrations

APPROVED

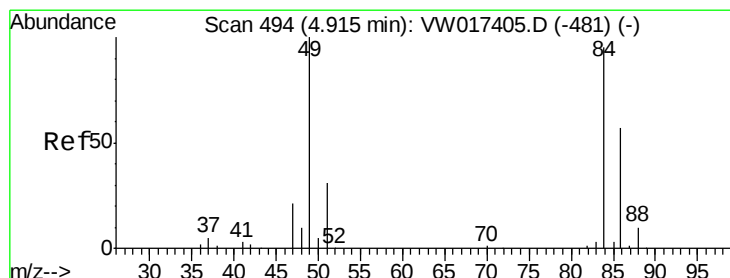
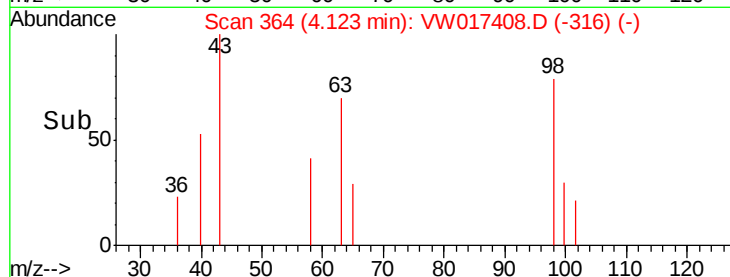
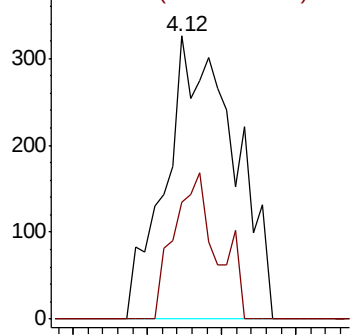
MMDadoda

11/23/2020 12:51:48 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.248 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017408.D

Acq: 20 Nov 2020 11:40

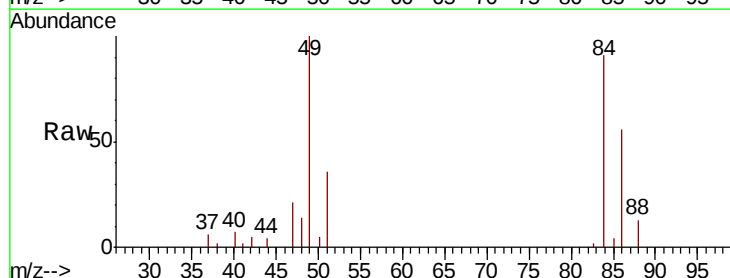
Tgt Ion: 84 Resp: 7910

Ion Ratio Lower Upper

84 100

49 110.4 71.5 132.9

86 62.3 42.8 79.4



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

