

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\  
 Data File : VW009852.D  
 Acq On : 09 Apr 2019 22:17  
 Operator : SY/VA  
 Sample : K2327-19  
 Misc : 6.05G/10ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF2N1

Manual Integrations  
 APPROVED

MMDadoda  
 4/11/2019 2:05:39 PM

Quant Time: Apr 10 05:34:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Apr 10 04:42:28 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 367299   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 311636   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 92801    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 129889   | 27.02    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 108.08%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 123298   | 28.00    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 112.00%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 232635   | 22.51    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 90.04%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 100323   | 64.29    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 128.58%  |
| 24) Chloroform-d               | 7.65   | 84    | 324937   | 32.42    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 129.68%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 212908   | 34.60    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 138.40%# |
| 29) Benzene-d6                 | 8.27   | 84    | 570962   | 34.90    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 139.60%# |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 187313   | 37.07    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 148.28%# |
| 37) Toluene-d8                 | 10.32  | 98    | 454869   | 30.07    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 120.28%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 70816    | 29.39    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 117.56%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 64158    | 67.37    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 134.74%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 164611   | 35.04    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 140.16%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 106341   | 32.66    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 130.64%# |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.12 | 43 | 5073  | 3.034 ug/L | 96     |
| 16) Methylene chloride | 4.92 | 84 | 6305m | 0.973 ug/L |        |

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

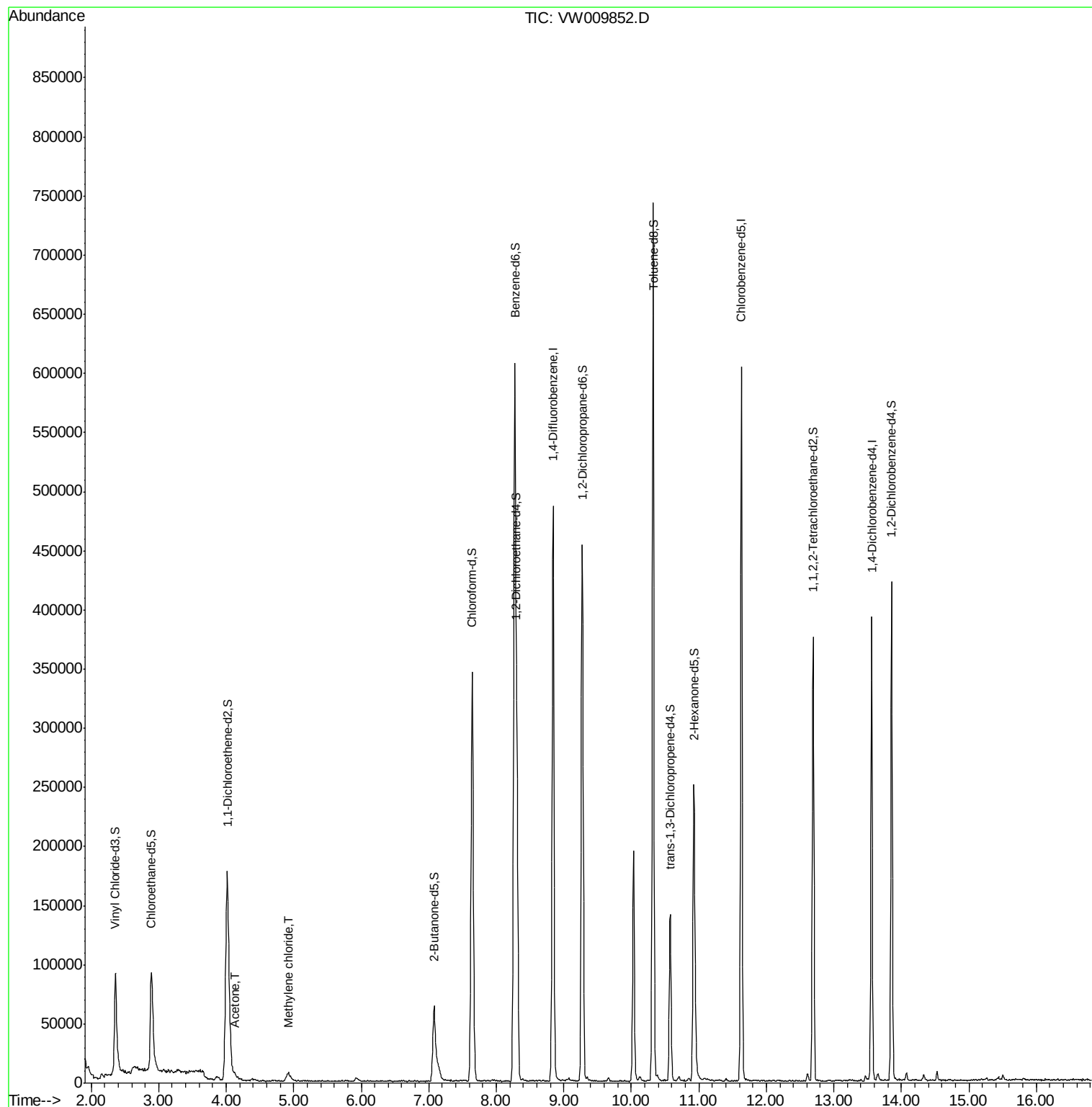
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\  
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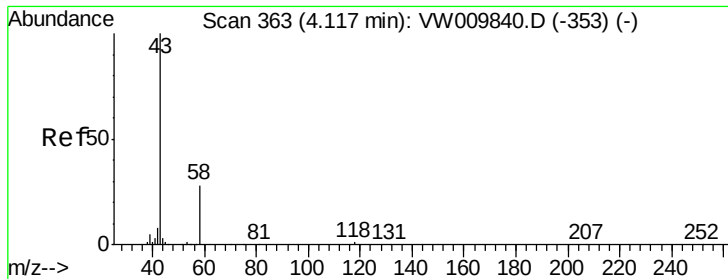
Instrument :  
MSVOA\_W  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Apr 10 04:42:28 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 3.034 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009852.D

Acq: 09 Apr 2019 22:17

Instrument :

MSVOA\_W

ClientSampleId :

BF2N1

Tot Ion: 43 Resp: 5073

Ion Ratio Lower Upper

43 100

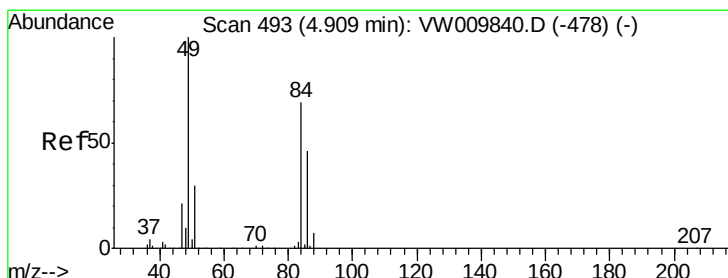
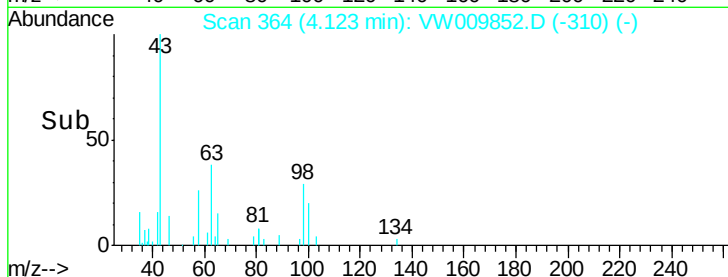
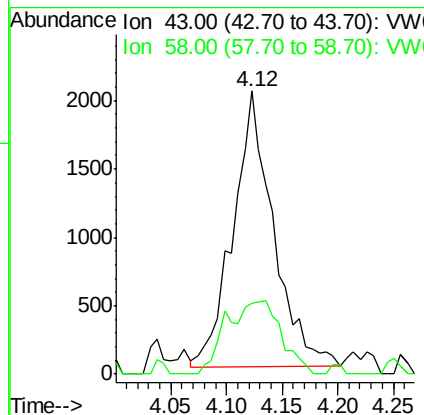
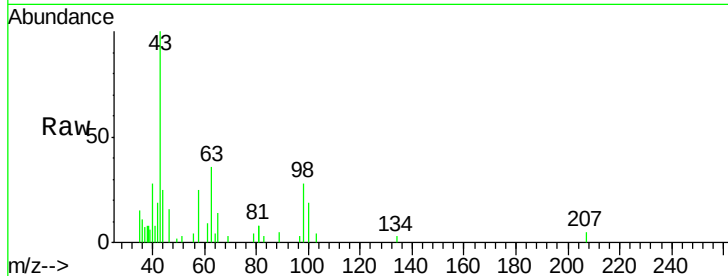
58 24.5 0.0 53.0

Manual Integrations

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MMDadoda

4/11/2019 2:05:39 PM



#16

Methylene chloride

Concen: 0.973 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW009852.D

Acq: 09 Apr 2019 22:17

Tgt Ion: 84 Resp: 6305

Ion Ratio Lower Upper

84 100

49 117.1 98.3 182.5

86 42.1 46.4 86.2#

