

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\  
 Data File : VW009737.D  
 Acq On : 05 Apr 2019 17:19  
 Operator : SY/VA  
 Sample : K2119-20  
 Misc : 5.09G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Manual Integrations  
 APPROVED

MMDadoda  
 4/8/2019 3:33:06 AM

Quant Time: Apr 06 04:49:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 06 03:51:49 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 385735   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 378876   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 167614   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 104169   | 20.64    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.56%   |
| 7) Chloroethane-d5             | 2.89   | 69    | 100904   | 21.82    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.28%   |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 180189   | 16.60    | ug/L | -0.01    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 66.40%   |
| 20) 2-Butanone-d5              | 7.07   | 46    | 117508   | 71.70    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 143.40%# |
| 24) Chloroform-d               | 7.64   | 84    | 239968   | 22.80    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.20%   |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 154622   | 23.93    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 95.72%   |
| 29) Benzene-d6                 | 8.27   | 84    | 437709   | 22.01    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 88.04%   |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 137108   | 22.32    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 89.28%   |
| 37) Toluene-d8                 | 10.32  | 98    | 383870   | 20.87    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 83.48%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 61693    | 21.06    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.24%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 79440    | 68.61    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 137.22%# |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 148871   | 26.07    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 104.28%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 143292   | 24.36    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.44%   |

| Target Compounds       |      |    |        |            | Ovalue |
|------------------------|------|----|--------|------------|--------|
| 13) Acetone            | 4.12 | 43 | 4014   | 2.286 ug/L | 71     |
| 16) Methylene chloride | 4.90 | 84 | 11395m | 1.675 ug/L |        |

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

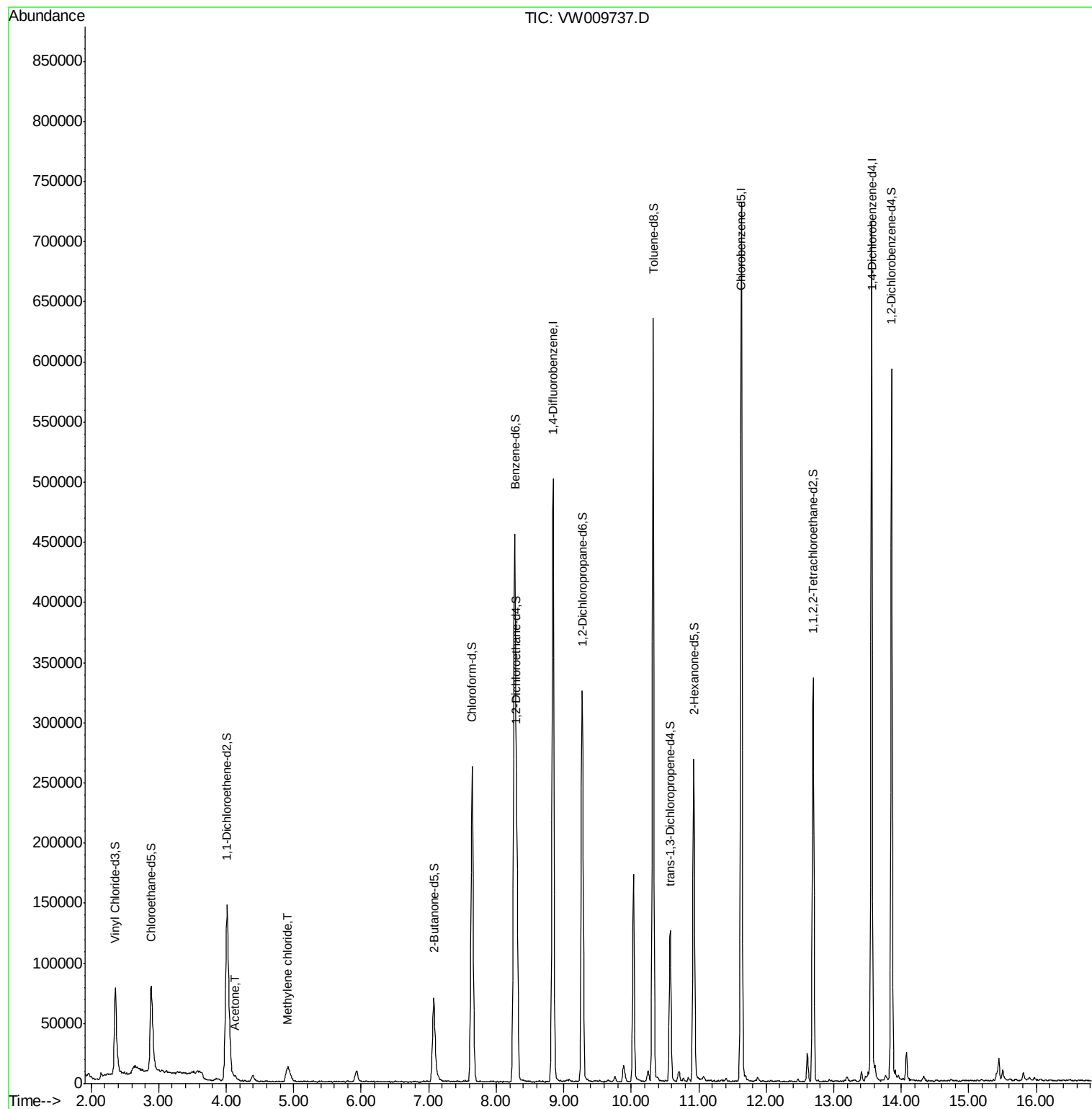
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040519\  
Data File : VW009737.D  
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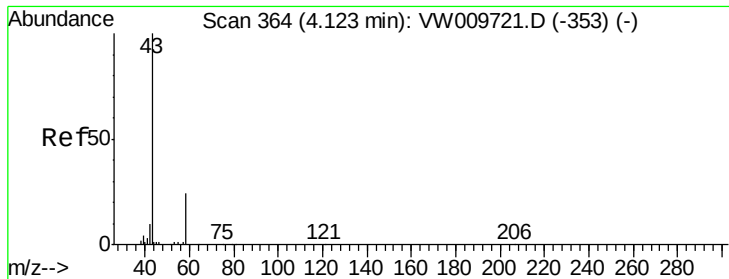
Instrument :  
MSVOA\_W  
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Quant Title : VOC Analysis  
QLast Update : Sat Apr 06 03:51:49 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 2.286 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009737.D

Acq: 05 Apr 2019 17:19

Instrument :

MSVOA\_W

ClientSampled :

VHBLK01

Tot Ion: 43 Resp: 4014

Ion Ratio Lower Upper

43 100

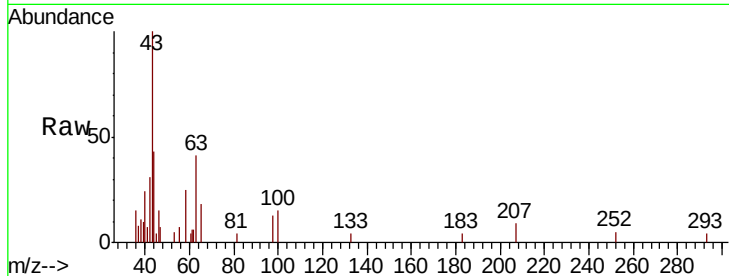
58 11.7 0.0 53.0

Manual Integrations

APPROVED

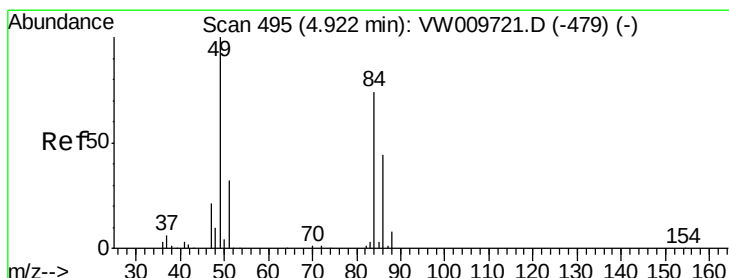
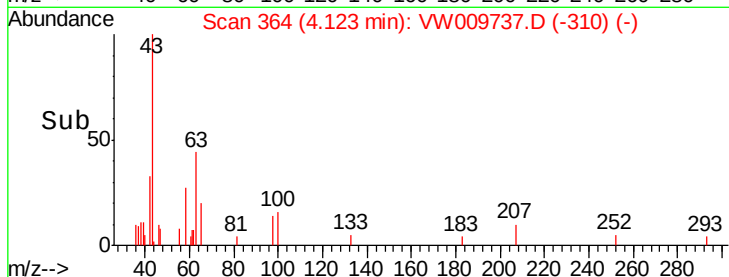
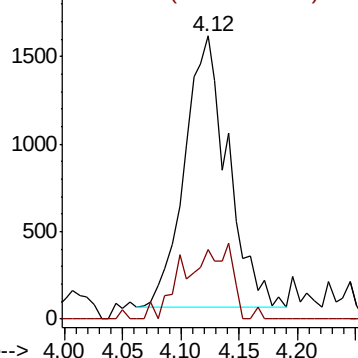
MMDadoda

4/8/2019 3:33:06 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.675 ug/L m

RT: 4.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: VW009737.D

Acq: 05 Apr 2019 17:19

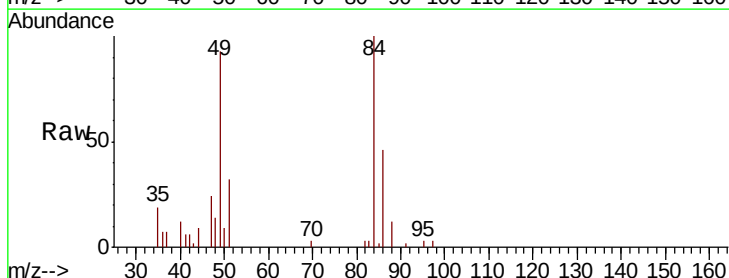
Tgt Ion: 84 Resp: 11395

Ion Ratio Lower Upper

84 100

49 93.3 98.3 182.5#

86 45.9 46.4 86.2#



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

