

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\  
 Data File : VW009736.D  
 Acq On : 05 Apr 2019 16:51  
 Operator : SY/VA  
 Sample : K2101-10  
 Misc : 5.06G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Apr 06 04:44:12 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  | 395291   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 382743   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 170435   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 109586   | 21.19    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 84.76%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 105131   | 22.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 88.72%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 194641   | 17.50    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 70.00%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 103378   | 61.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 123.10% |
| 24) Chloroform-d               | 7.65   | 84    | 254622   | 23.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 94.44%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 166411   | 25.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 100.52% |
| 29) Benzene-d6                 | 8.27   | 84    | 466514   | 23.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 92.88%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 146697   | 23.64    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 94.56%  |
| 37) Toluene-d8                 | 10.32  | 98    | 416561   | 22.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 89.68%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 64655    | 21.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 87.36%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 63623    | 54.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 108.78% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 152582   | 26.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 105.80% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 155162   | 25.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 103.76% |

## Target Compounds

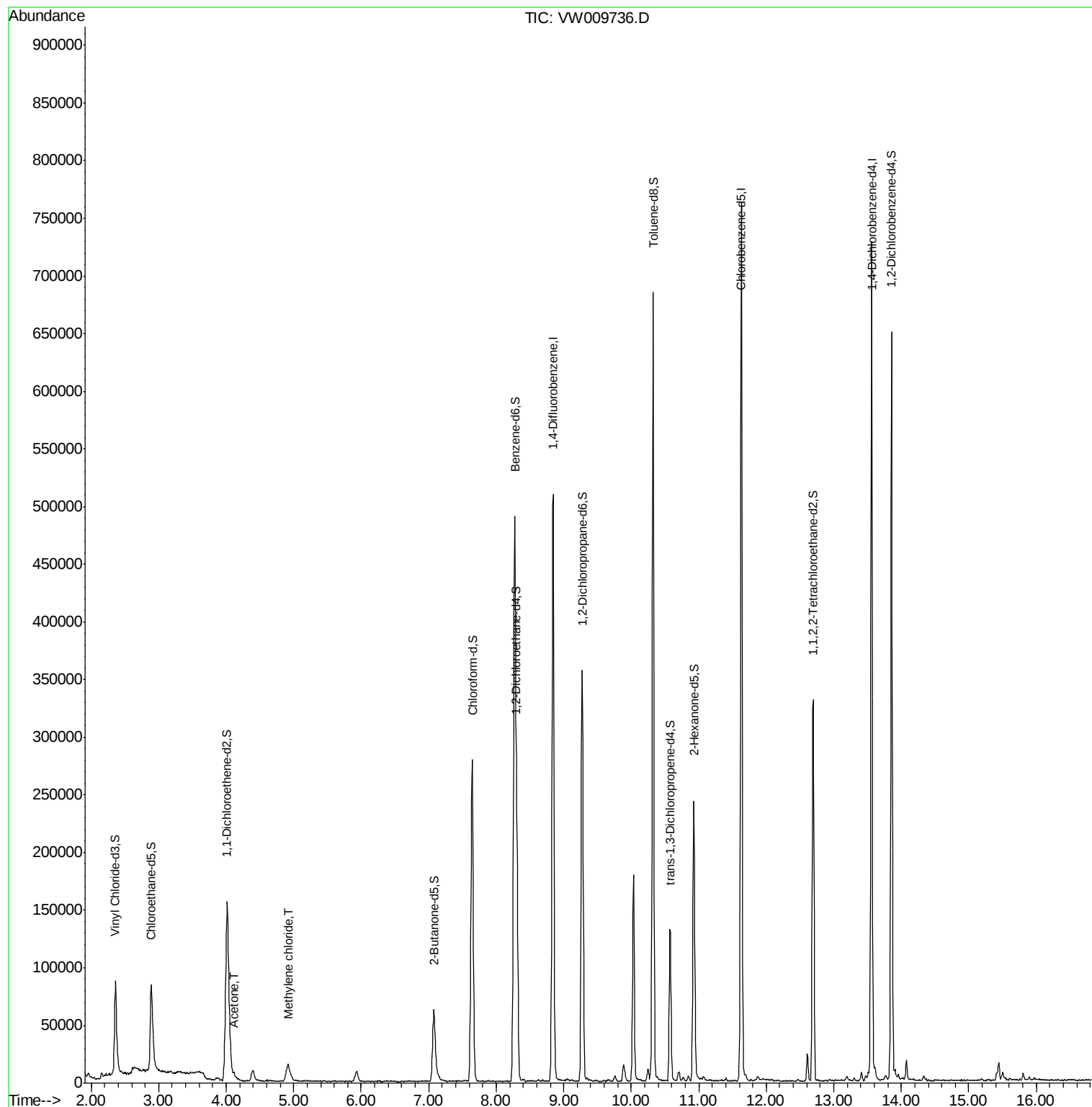
|                        |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.12 | 43 | 4506  | 2.504 ug/L | 77     |
| 16) Methylene chloride | 4.92 | 84 | 12521 | 1.796 ug/L | 92     |

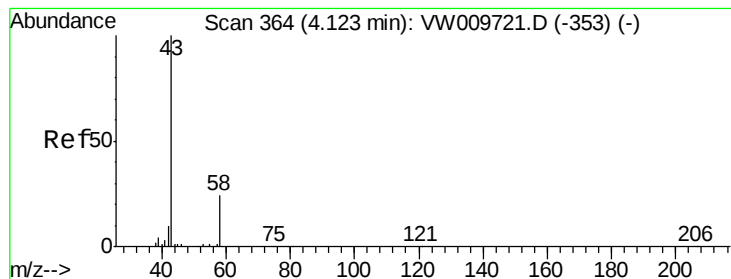
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Sat Apr 06 03:51:49 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 2.504 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009736.D

Acq: 05 Apr 2019 16:51

Instrument :

MSVOA\_W

ClientSampleId :

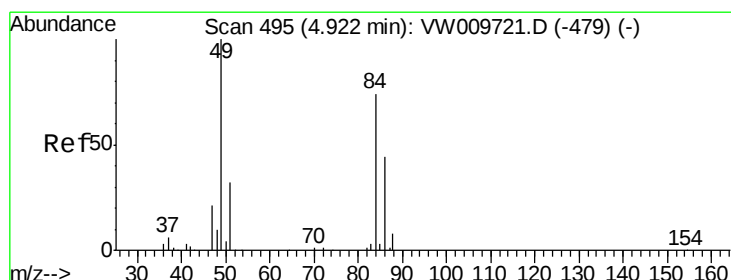
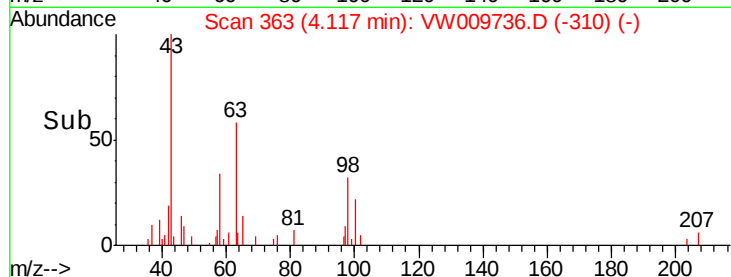
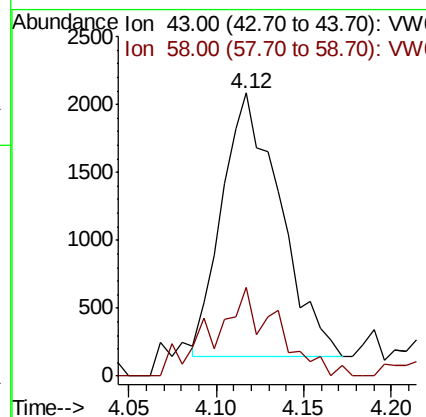
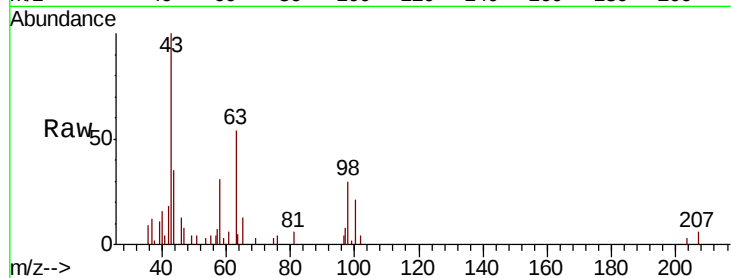
VHBLK01

Tot Ion: 43 Resp: 4506

Ion Ratio Lower Upper

43 100

58 14.8 0.0 53.0



#16

Methylene chloride

Concen: 1.796 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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Acq: 05 Apr 2019 16:51

Tgt Ion: 84 Resp: 12521

Ion Ratio Lower Upper

84 100

49 153.6 98.3 182.5

86 64.9 46.4 86.2

