

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091518\  
 Data File : VW005386.D  
 Acq On : 14 Sep 2018 14:48  
 Operator : SY/AP  
 Sample : J4865-15  
 Misc : 5.08G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB3P3

Quant Time: Sep 14 23:34:34 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091318S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 14 23:16:09 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 293501   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.64 | 117  | 277215   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 113470   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 66520    | 19.64    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 78.56% |
| 7) Chloroethane-d5             | 2.89   | 69    | 52614    | 21.97    | ug/L | 0.01   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.88% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 90445    | 14.95    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 59.80% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 40132    | 31.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 62.92% |
| 24) Chloroform-d               | 7.65   | 84    | 128802   | 23.53    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 94.12% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 84977    | 24.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 97.08% |
| 29) Benzene-d6                 | 8.28   | 84    | 250463   | 22.50    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 90.00% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 77672    | 24.45    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 97.80% |
| 37) Toluene-d8                 | 10.33  | 98    | 242491   | 21.51    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 86.04% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 34776    | 21.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 87.52% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 29842    | 30.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 60.34% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 63112    | 19.00    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 76.00% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 74531    | 21.89    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 87.56% |

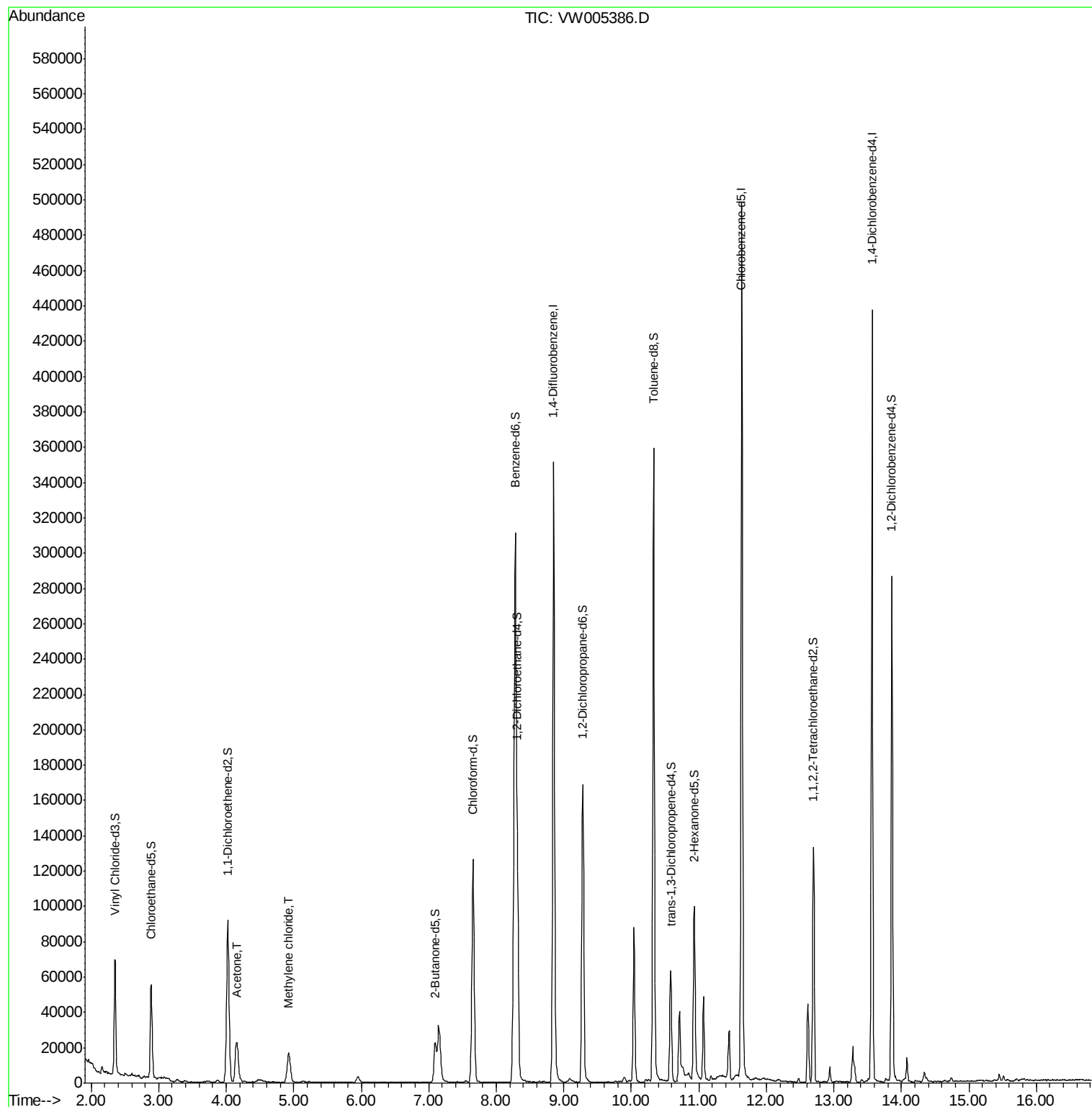
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.15 | 43 | 46747 | 39.03 ug/L | 99     |
| 16) Methylene chloride | 4.92 | 84 | 12926 | 2.32 ug/L  | 93     |

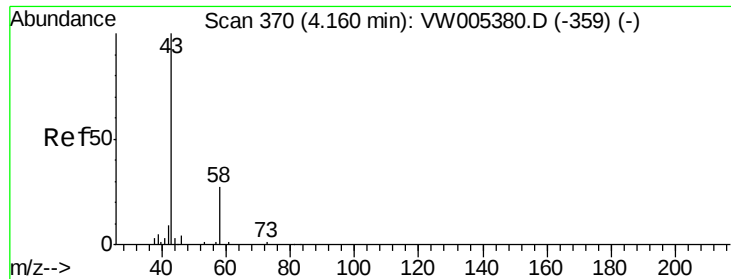
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Sep 14 23:16:09 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 39.03 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW005386.D

Acq: 14 Sep 2018 14:48

Instrument :

MSVOA\_W

ClientSampled :

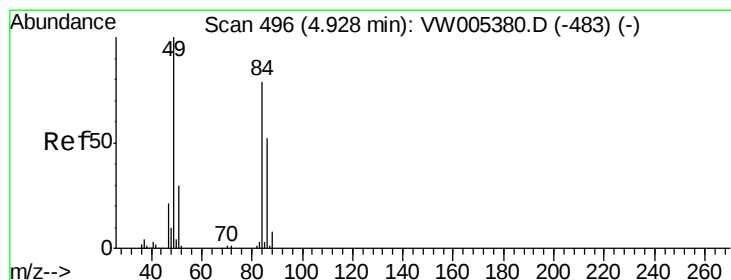
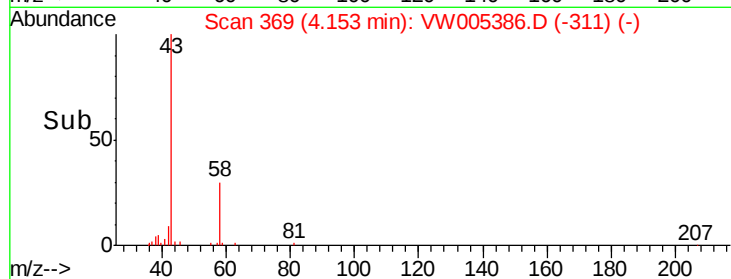
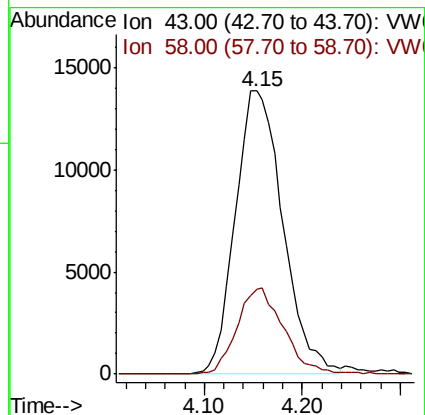
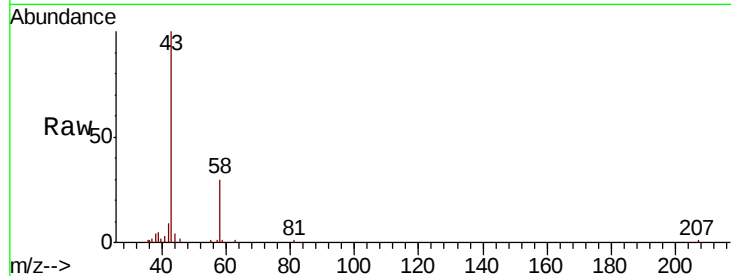
DB3P3

Tot Ion: 43 Resp: 46747

Ion Ratio Lower Upper

43 100

58 29.5 0.0 57.6



#16

Methylene chloride

Concen: 2.32 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW005386.D

Acq: 14 Sep 2018 14:48

Tgt Ion: 84 Resp: 12926

Ion Ratio Lower Upper

84 100

49 120.1 90.9 168.7

86 58.5 43.6 81.0

