

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091418\  
 Data File : VW005371.D  
 Acq On : 14 Sep 2018 00:59  
 Operator : SY/AP  
 Sample : J4865-08  
 Misc : 5.32G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB3N6

Quant Time: Sep 14 07:49:48 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091318S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 14 06:56:14 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 262148   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.64 | 117  | 244840   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 89752    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 80949    | 26.76    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 107.04%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 65726    | 30.72    | ug/L | 0.01     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 122.88%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 108403   | 20.07    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 80.28%   |
| 20) 2-Butanone-d5              | 7.09   | 46    | 43670    | 38.32    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 76.64%   |
| 24) Chloroform-d               | 7.66   | 84    | 153666   | 31.43    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 125.72%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 100999   | 32.30    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 129.20%  |
| 29) Benzene-d6                 | 8.28   | 84    | 298417   | 30.36    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 121.44%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 91713    | 32.69    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 130.76%# |
| 37) Toluene-d8                 | 10.33  | 98    | 282368   | 28.36    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 113.44%  |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 38971    | 27.76    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 111.04%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 32362    | 37.04    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.08%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 72178    | 24.60    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 98.40%   |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 77975    | 28.95    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 115.80%  |

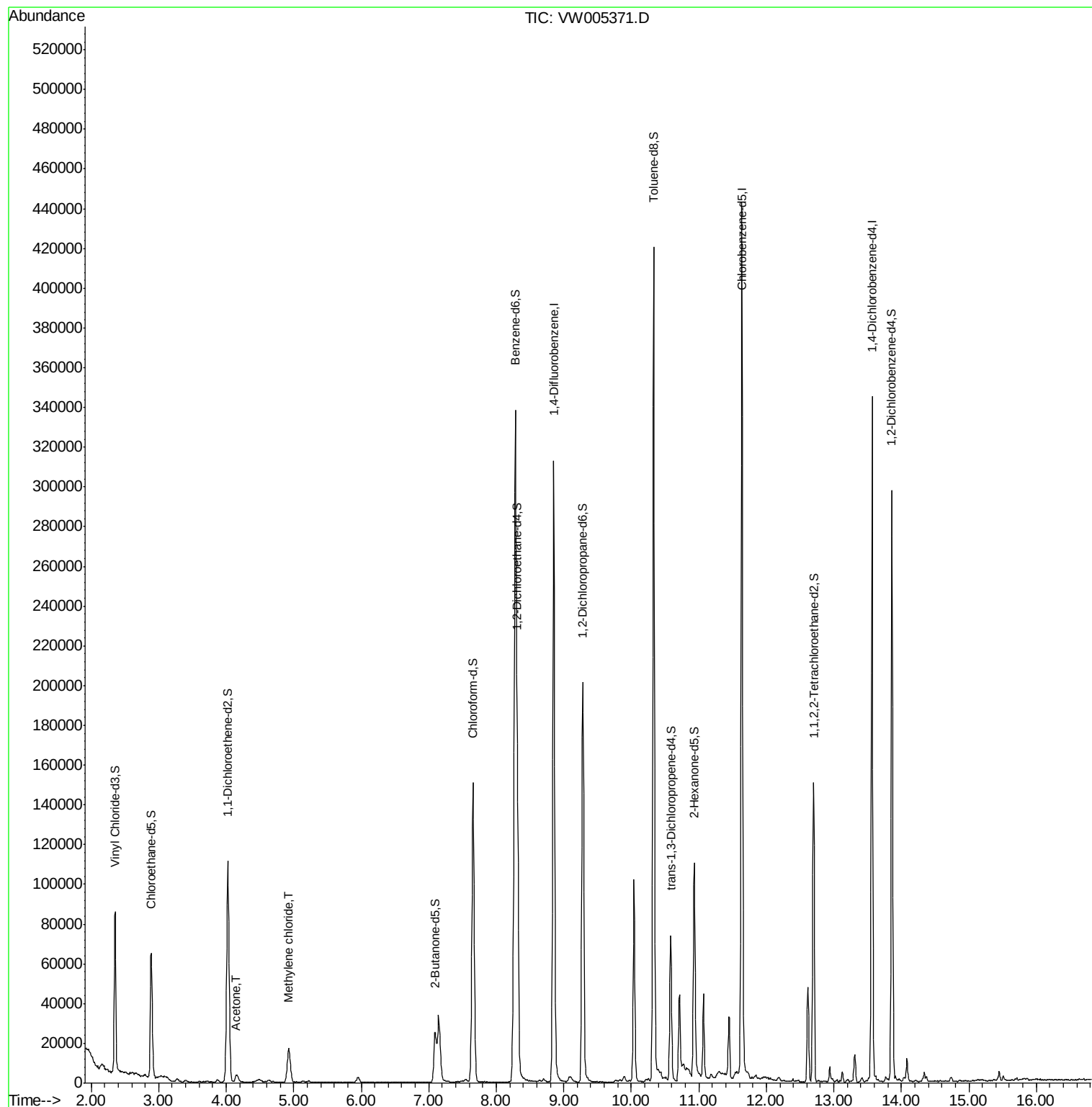
| Target Compounds       |      |    |       |           | Ovalue |
|------------------------|------|----|-------|-----------|--------|
| 13) Acetone            | 4.15 | 43 | 5263  | 4.92 ug/L | 72     |
| 16) Methylene chloride | 4.93 | 84 | 12977 | 2.61 ug/L | 91     |

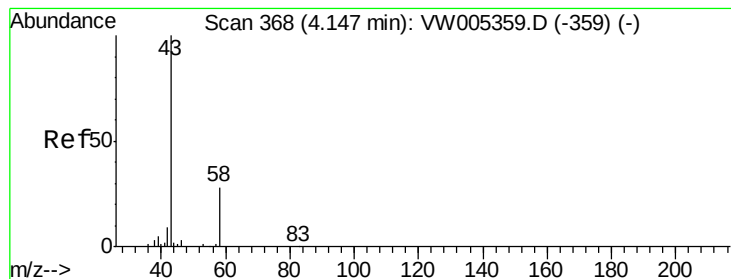
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 06:56:14 2018  
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#13

Acetone

Concen: 4.92 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW005371.D

Acq: 14 Sep 2018 00:59

Instrument :

MSVOA\_W

ClientSampleId :

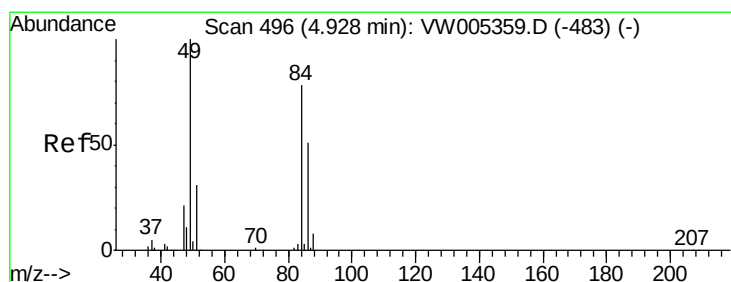
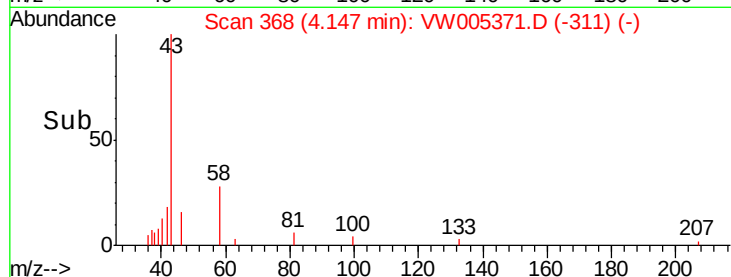
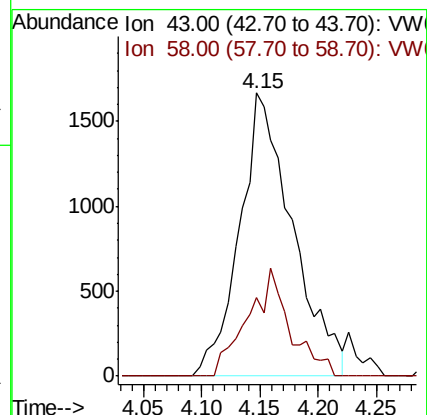
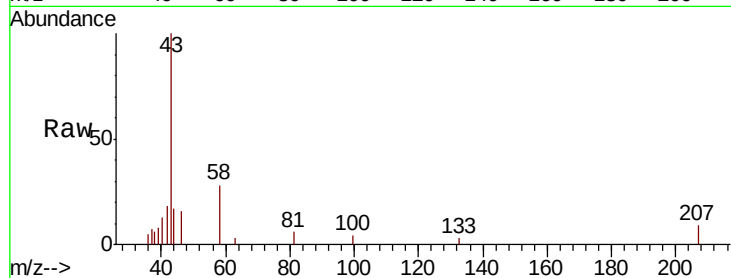
DB3N6

Tot Ion: 43 Resp: 5263

Ion Ratio Lower Upper

43 100

58 14.1 0.0 57.6



#16

Methylene chloride

Concen: 2.61 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW005371.D

Acq: 14 Sep 2018 00:59

Tgt Ion: 84 Resp: 12977

Ion Ratio Lower Upper

84 100

49 118.5 90.9 168.7

86 55.6 43.6 81.0

