

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW100318\  
 Data File : VW005813.D  
 Acq On : 03 Oct 2018 14:38  
 Operator : SY/AP  
 Sample : J5180-17  
 Misc : 3.61G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JLC26

Quant Time: Oct 04 05:48:31 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 04 05:16:38 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 226221   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 215665   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 77051    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 41732    | 14.47    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 57.88% |
| 7) Chloroethane-d5             | 2.90   | 69    | 37063    | 16.47    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 65.88% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 77622    | 12.33    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 49.32% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 34538    | 37.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.62% |
| 24) Chloroform-d               | 7.65   | 84    | 136166   | 23.43    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 93.72% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 77562    | 22.04    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 88.16% |
| 29) Benzene-d6                 | 8.28   | 84    | 226290   | 21.20    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 84.80% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 66427    | 21.53    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 86.12% |
| 37) Toluene-d8                 | 10.33  | 98    | 201761   | 19.14    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 76.56% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 28982    | 17.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 71.52% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 25316    | 35.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 70.06% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 59294    | 19.78    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 79.12% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 62159    | 22.80    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 91.20% |

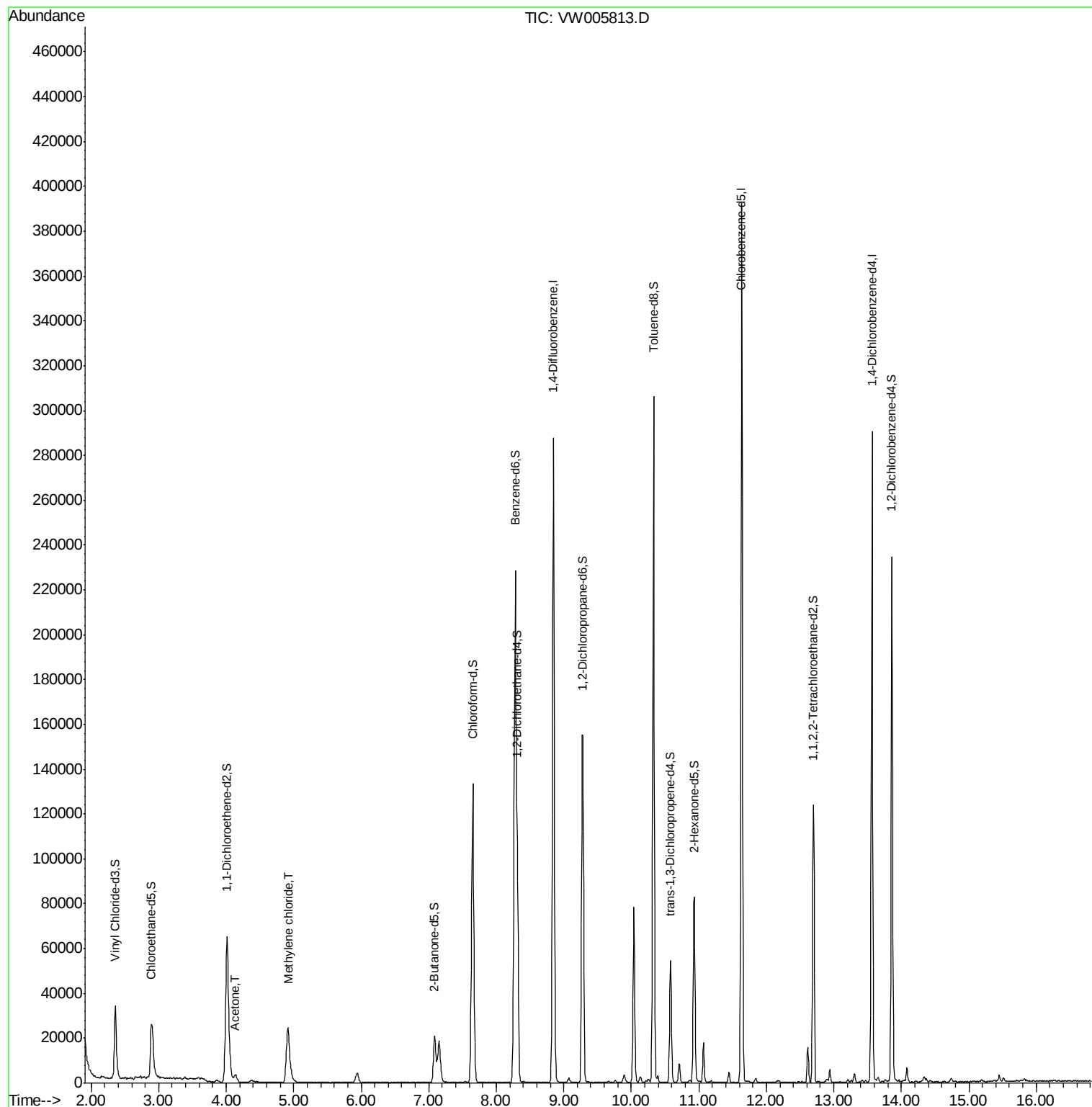
| Target Compounds       |      |    |       |            | Qvalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.14 | 43 | 5173  | 5.366 ug/L | 81     |
| 16) Methylene chloride | 4.92 | 84 | 22070 | 5.917 ug/L | 98     |

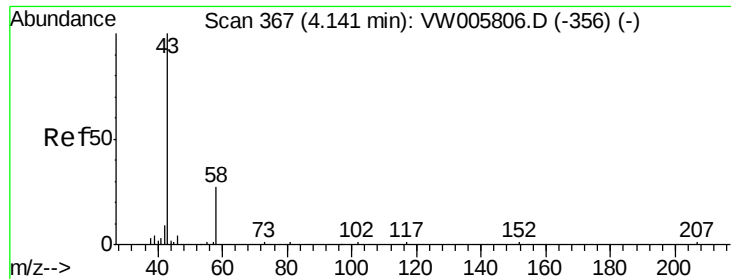
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Thu Oct 04 05:16:38 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 5.366 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005813.D

Acq: 03 Oct 2018 14:38

Instrument :

MSVOA\_W

ClientSampleId :

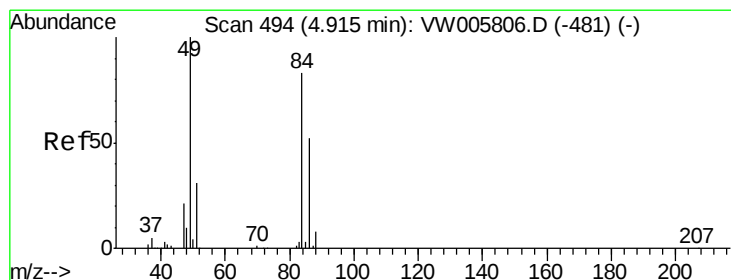
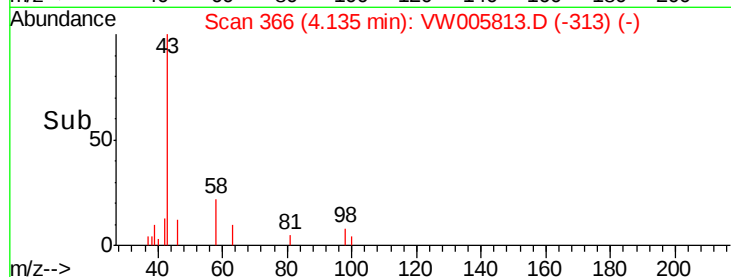
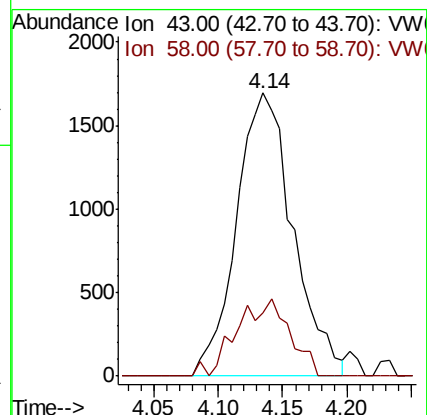
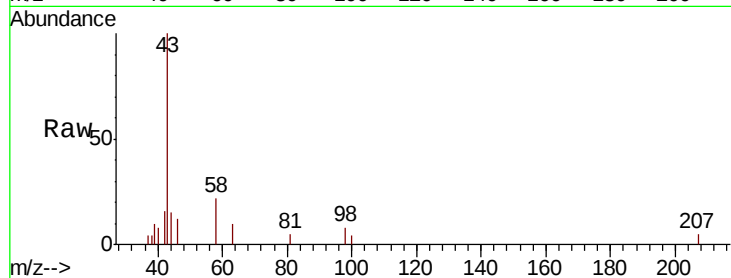
JLC26

Tgt Ion: 43 Resp: 5173

Ion Ratio Lower Upper

43 100

58 7.8 0.0 31.8



#16

Methylene chloride

Concen: 5.917 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW005813.D

Acq: 03 Oct 2018 14:38

Tgt Ion: 84 Resp: 22070

Ion Ratio Lower Upper

84 100

49 125.1 87.2 162.0

86 66.4 43.2 80.2

