

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081118\  
 Data File : VW004560.D  
 Acq On : 09 Aug 2018 16:59  
 Operator : SY/AP  
 Sample : J4268-05  
 Misc : 3.98G/10ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AC3

Quant Time: Aug 10 02:14:34 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM080218S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 10 02:10:18 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 672636   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 602406   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 199564   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 254420   | 30.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 121.64% |
| 7) Chloroethane-d5             | 2.89   | 69    | 202297   | 28.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 114.96% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 344030   | 20.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 81.00%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 189215   | 51.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 102.58% |
| 24) Chloroform-d               | 7.65   | 84    | 469247   | 25.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 103.08% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 278206   | 27.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 109.60% |
| 29) Benzene-d6                 | 8.27   | 84    | 886612   | 27.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 110.68% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 300843   | 28.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 114.88% |
| 37) Toluene-d8                 | 10.33  | 98    | 691658   | 24.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 97.92%  |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 100924   | 23.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 93.72%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 129343   | 50.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 101.46% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 285046   | 25.10    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 100.40% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 187565   | 25.02    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 100.08% |

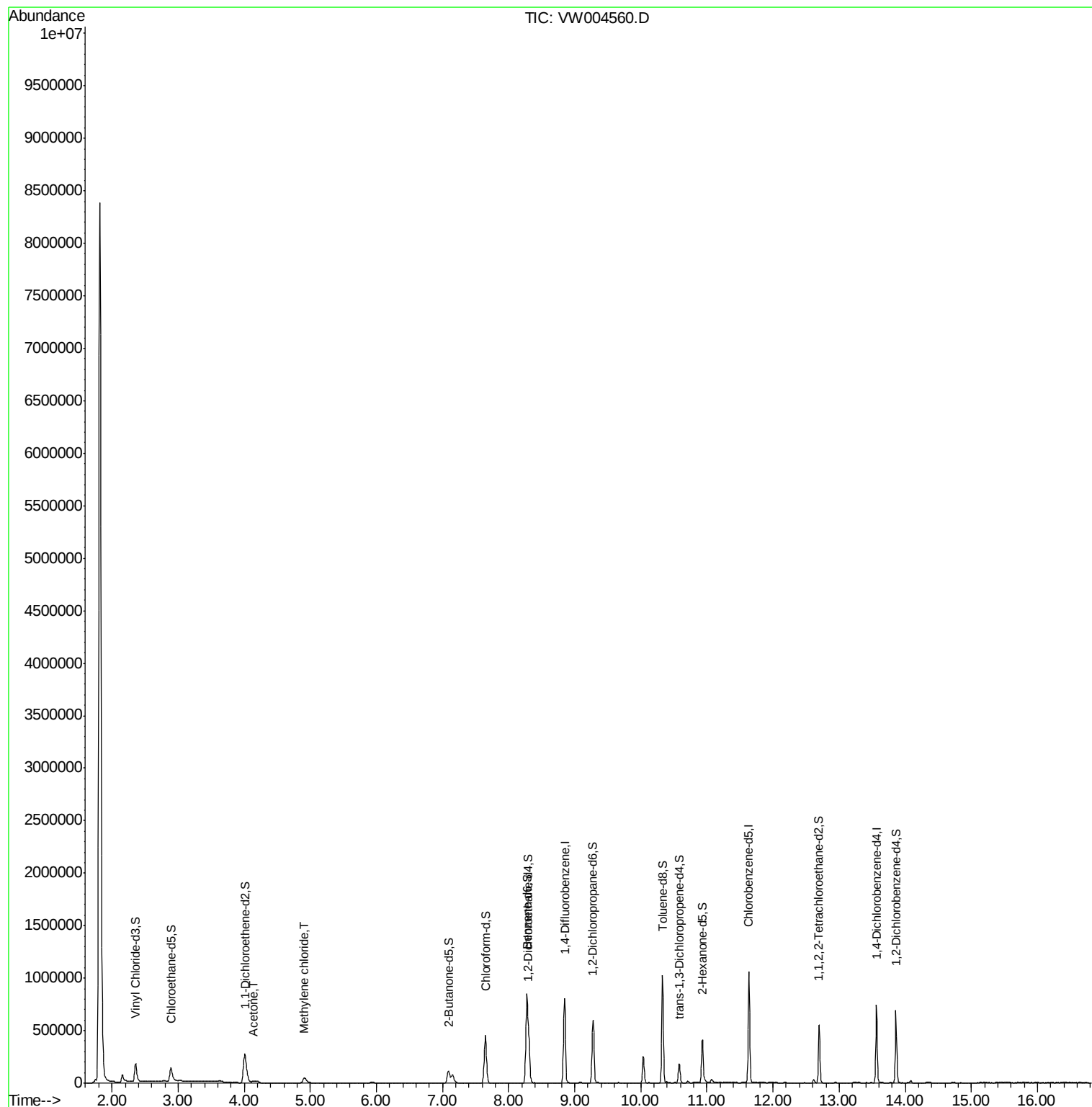
| Target Compounds       |      |    |       |           | Ovalue |
|------------------------|------|----|-------|-----------|--------|
| 13) Acetone            | 4.14 | 43 | 26482 | 8.29 ug/L | 74     |
| 16) Methylene chloride | 4.91 | 84 | 45556 | 3.41 ug/L | 100    |

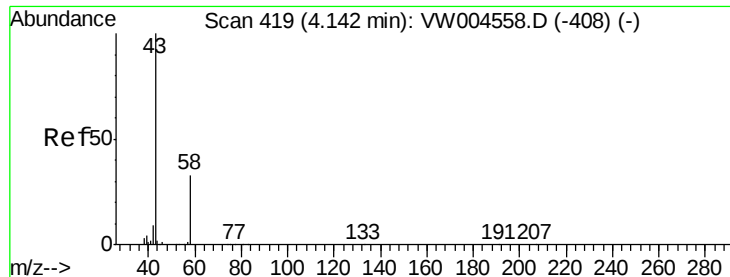
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 02:10:18 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 8.29 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.02 min

Lab File: VW004560.D

Acq: 09 Aug 2018 16:59

Instrument :

MSVOA\_W

ClientSampleId :

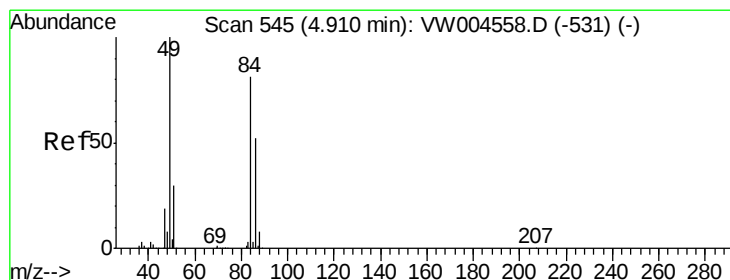
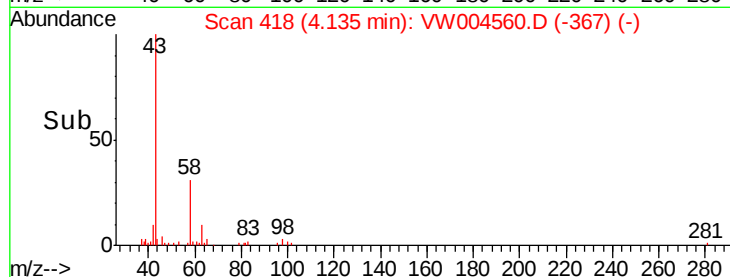
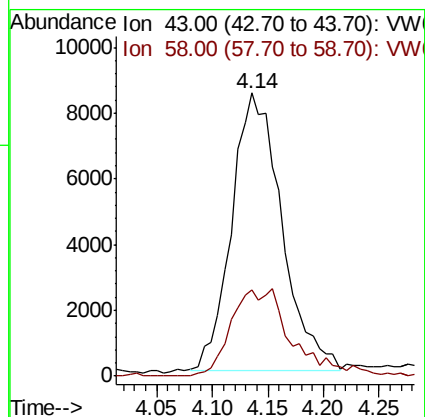
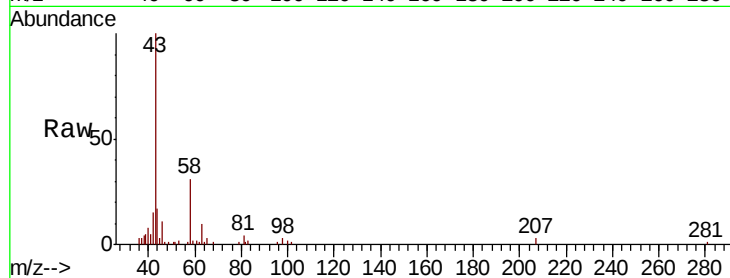
C0AC3

Tot Ion: 43 Resp: 26482

Ion Ratio Lower Upper

43 100

58 18.3 0.0 66.4



#16

Methylene chloride

Concen: 3.41 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004560.D

Acq: 09 Aug 2018 16:59

Tgt Ion: 84 Resp: 45556

Ion Ratio Lower Upper

84 100

49 122.4 86.0 159.6

86 61.7 43.5 80.9

