

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081618\  
 Data File : VW004692.D  
 Acq On : 15 Aug 2018 12:07  
 Operator : SY/AP  
 Sample : J4450-12  
 Misc : 5.30G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAB09

Quant Time: Aug 16 04:05:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM081418S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 16 02:39:24 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 999625   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 1010460  | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 433692   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 370175   | 23.30    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.20%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 292145   | 23.78    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 95.12%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 529860   | 18.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 72.92%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 193654   | 45.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.08%  |
| 24) Chloroform-d               | 7.65   | 84    | 688446   | 25.70    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 102.80% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 375428   | 26.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 105.80% |
| 29) Benzene-d6                 | 8.28   | 84    | 1394752  | 24.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 98.44%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 448135   | 25.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 101.84% |
| 37) Toluene-d8                 | 10.33  | 98    | 1248922  | 24.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 98.24%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 177055   | 24.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 99.08%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 166330   | 47.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 94.56%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 392298   | 23.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 95.04%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 457956   | 27.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 111.32% |

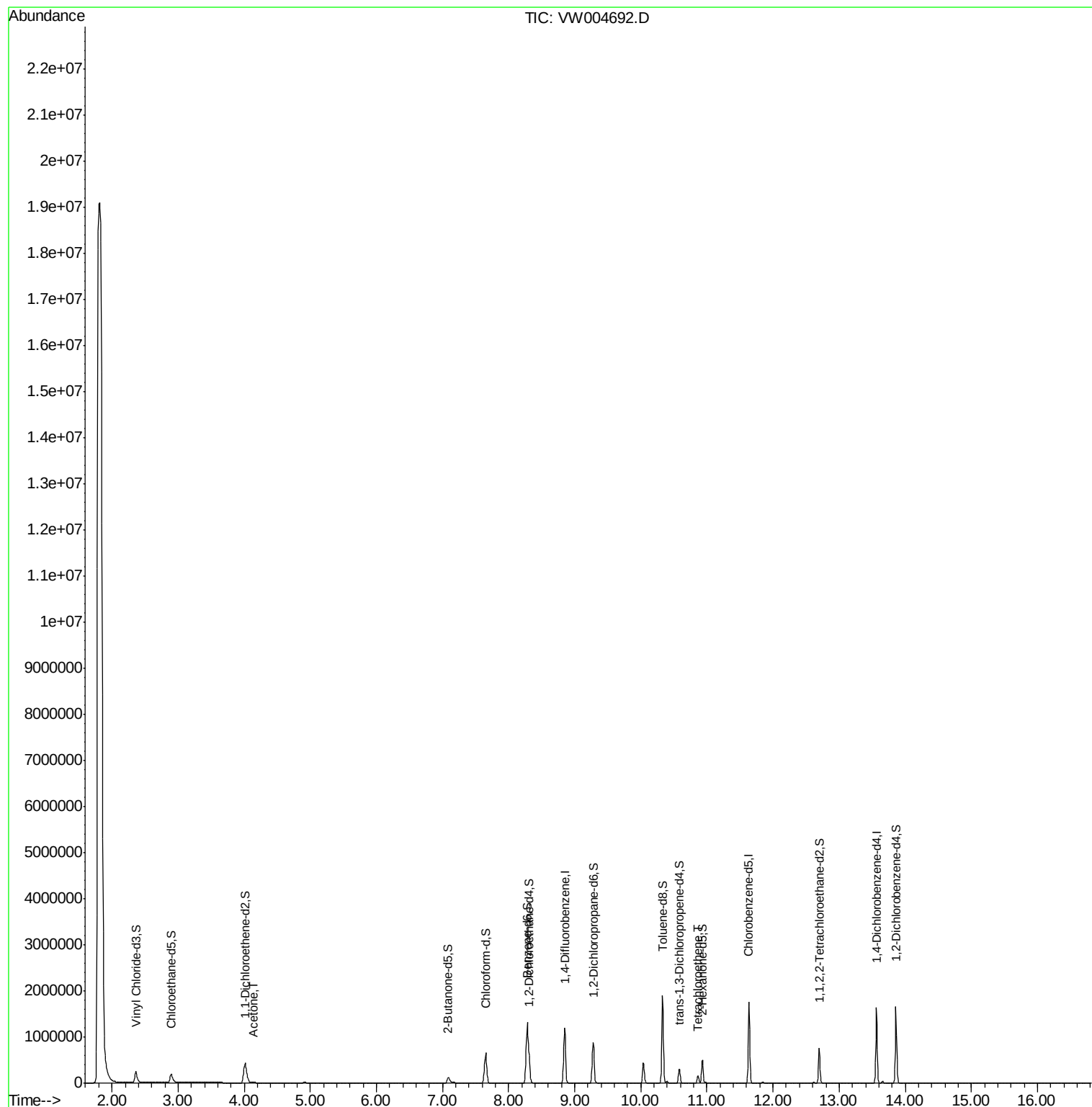
| Target Compounds      |       |     |       |           | Ovalue |
|-----------------------|-------|-----|-------|-----------|--------|
| 13) Acetone           | 4.14  | 43  | 34472 | 8.74 ug/L | 99     |
| 47) Tetrachloroethene | 10.87 | 164 | 38702 | 2.88 ug/L | 99     |

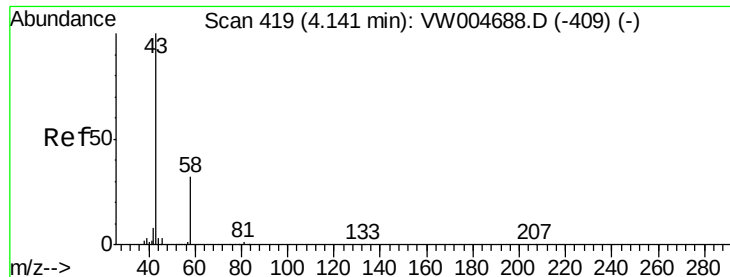
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.74 ug/L

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004692.D

Acq: 15 Aug 2018 12:07

Instrument :

MSVOA\_W

ClientSampled :

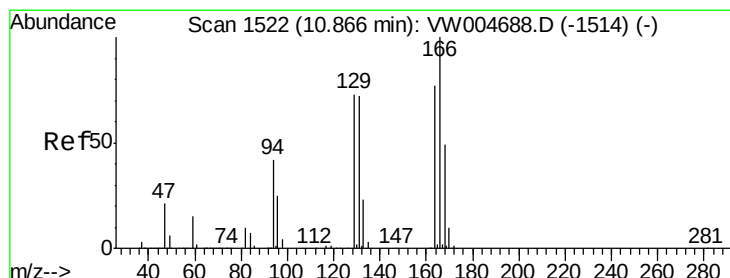
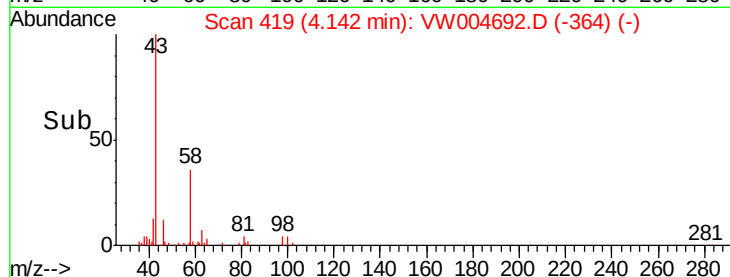
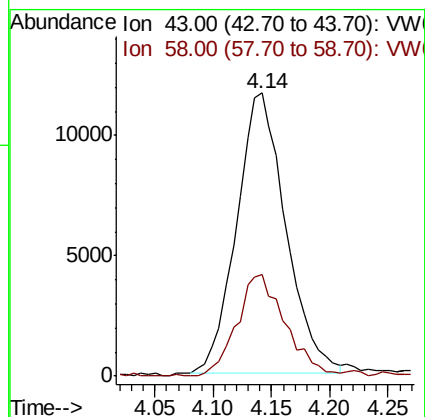
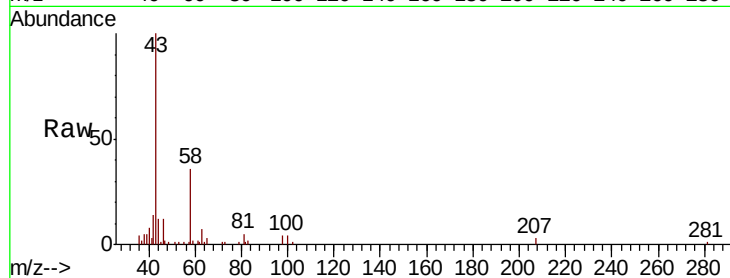
GAB09

Tot Ion: 43 Resp: 34472

Ion Ratio Lower Upper

43 100

58 35.1 0.0 69.4



#47

Tetrachloroethene

Concen: 2.88 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004692.D

Acq: 15 Aug 2018 12:07

Tgt Ion: 164 Resp: 38702

Ion Ratio Lower Upper

164 100

129 93.6 65.0 120.6

131 88.0 62.2 115.4

166 125.5 88.9 165.1

