

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\  
 Data File : VW010094.D  
 Acq On : 23 Apr 2019 11:45  
 Operator : SY/VA  
 Sample : K2481-01  
 Misc : 5.05G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAHP2

Quant Time: Apr 24 04:05:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM041519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Apr 24 03:51:20 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 771683   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 714938   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 314666   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 151439   | 20.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 83.08% |
| 7) Chloroethane-d5             | 2.89   | 69    | 129539   | 17.54    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 70.16% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 331883   | 16.41    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.64% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 126735   | 32.13    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 64.26% |
| 24) Chloroform-d               | 7.65   | 84    | 453519   | 20.33    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 81.32% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 257599   | 18.61    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 74.44% |
| 29) Benzene-d6                 | 8.27   | 84    | 872219   | 22.20    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 88.80% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 275323   | 22.00    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 88.00% |
| 37) Toluene-d8                 | 10.32  | 98    | 755747   | 21.08    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 84.32% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 109943   | 18.53    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 74.12% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 93664    | 33.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 67.56% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 203351   | 17.37    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 69.48% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 268453   | 22.69    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 90.76% |

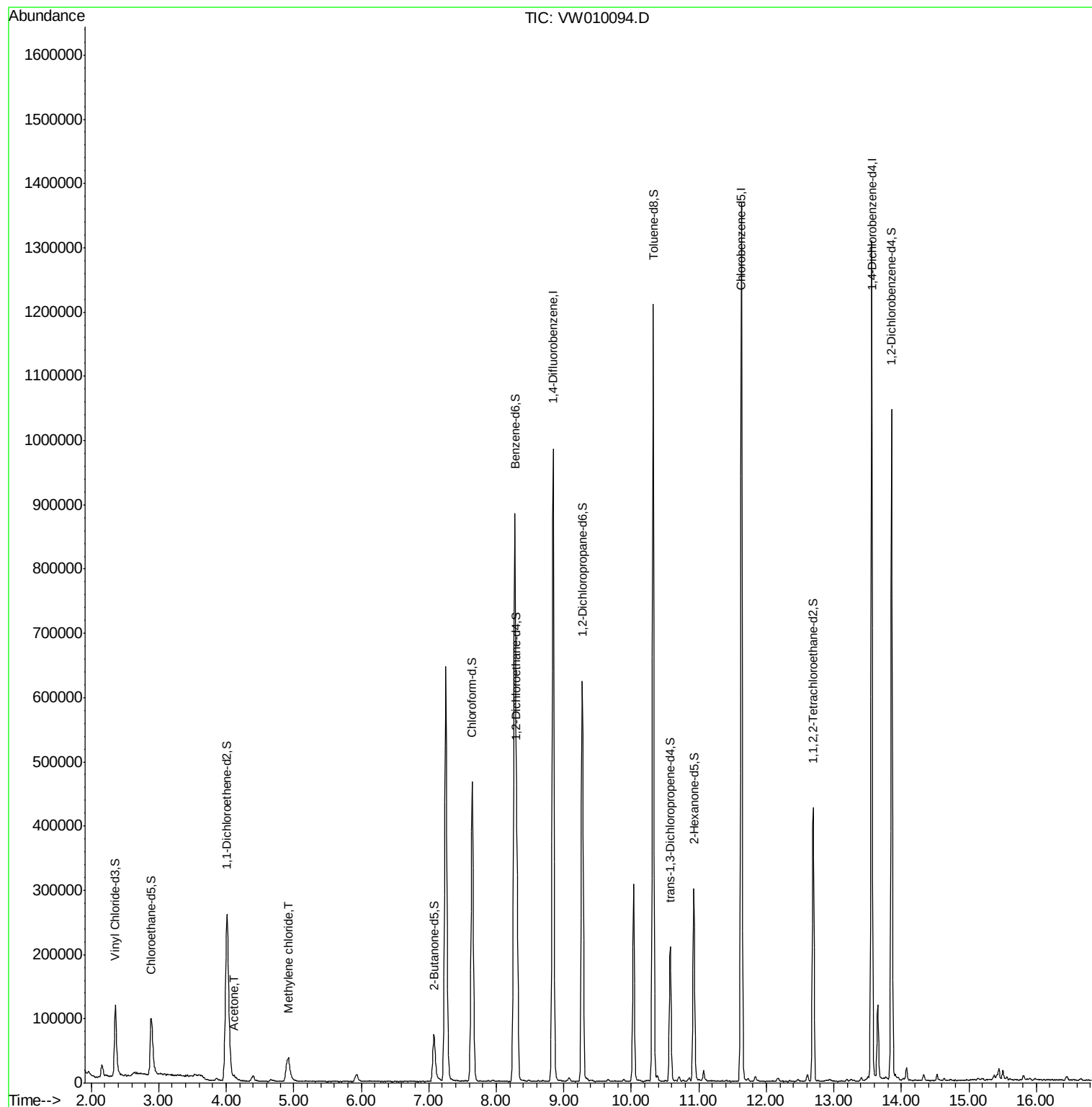
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.12 | 43 | 6481  | 1.848 ug/L | 78     |
| 16) Methylene chloride | 4.92 | 84 | 33676 | 2.410 ug/L | 96     |

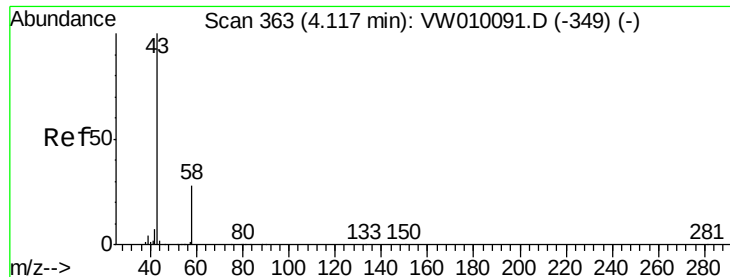
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Wed Apr 24 03:51:20 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 1.848 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010094.D

Acq: 23 Apr 2019 11:45

Instrument :

MSVOA\_W

ClientSampled :

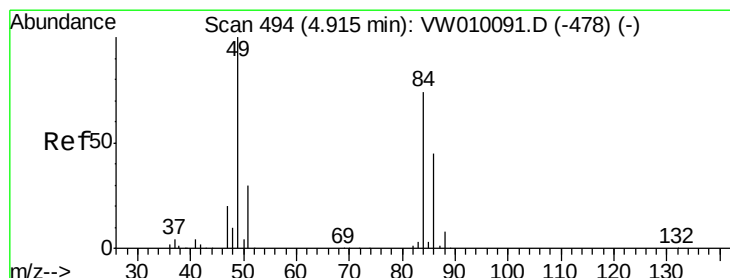
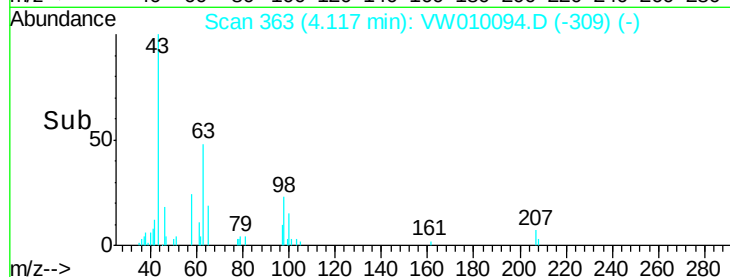
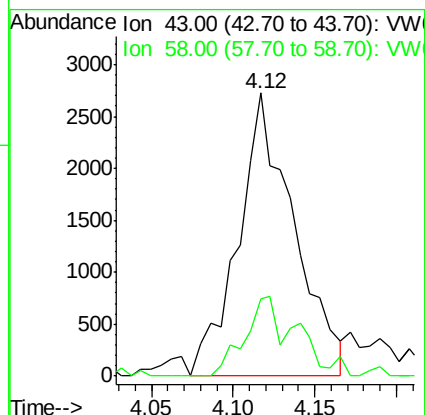
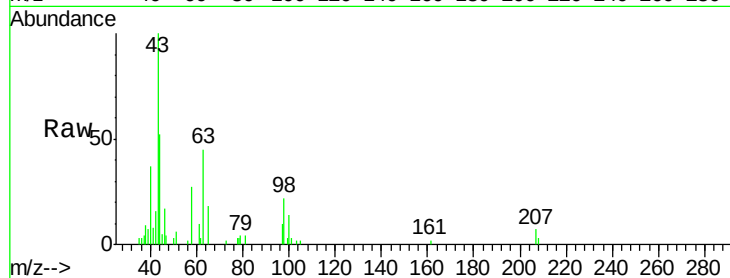
GAHP2

Tot Ion: 43 Resp: 6481

Ion Ratio Lower Upper

43 100

58 16.4 0.0 56.2



#16

Methylene chloride

Concen: 2.410 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW010094.D

Acq: 23 Apr 2019 11:45

Tgt Ion: 84 Resp: 33676

Ion Ratio Lower Upper

84 100

49 138.1 100.7 187.1

86 60.7 43.8 81.3

