

Data File : VW011768.D  
Acq On : 08 Aug 2019 12:05  
Operator : SY/VA  
Sample : K4215-07  
Misc : 5.25G/10ML/MSVOA\_W/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETOB8

Quant Time: Aug 09 02:50:56 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Aug 09 02:27:11 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 224695   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 199416   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 82196    | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 63342    | 20.02    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.08%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 51088    | 22.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 89.68%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 115166   | 15.88    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 63.52%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 66642    | 46.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 93.56%  |
| 24) Chloroform-d               | 7.65   | 84    | 149355   | 24.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 96.80%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 96272    | 26.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 105.44% |
| 29) Benzene-d6                 | 8.27   | 84    | 298507   | 23.80    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 95.20%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 103411   | 25.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 102.20% |
| 37) Toluene-d8                 | 10.32  | 98    | 252060   | 22.65    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 90.60%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 39526    | 22.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 89.12%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 42357    | 44.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 89.60%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 81388    | 24.21    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 96.84%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 74449    | 23.50    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 94.00%  |

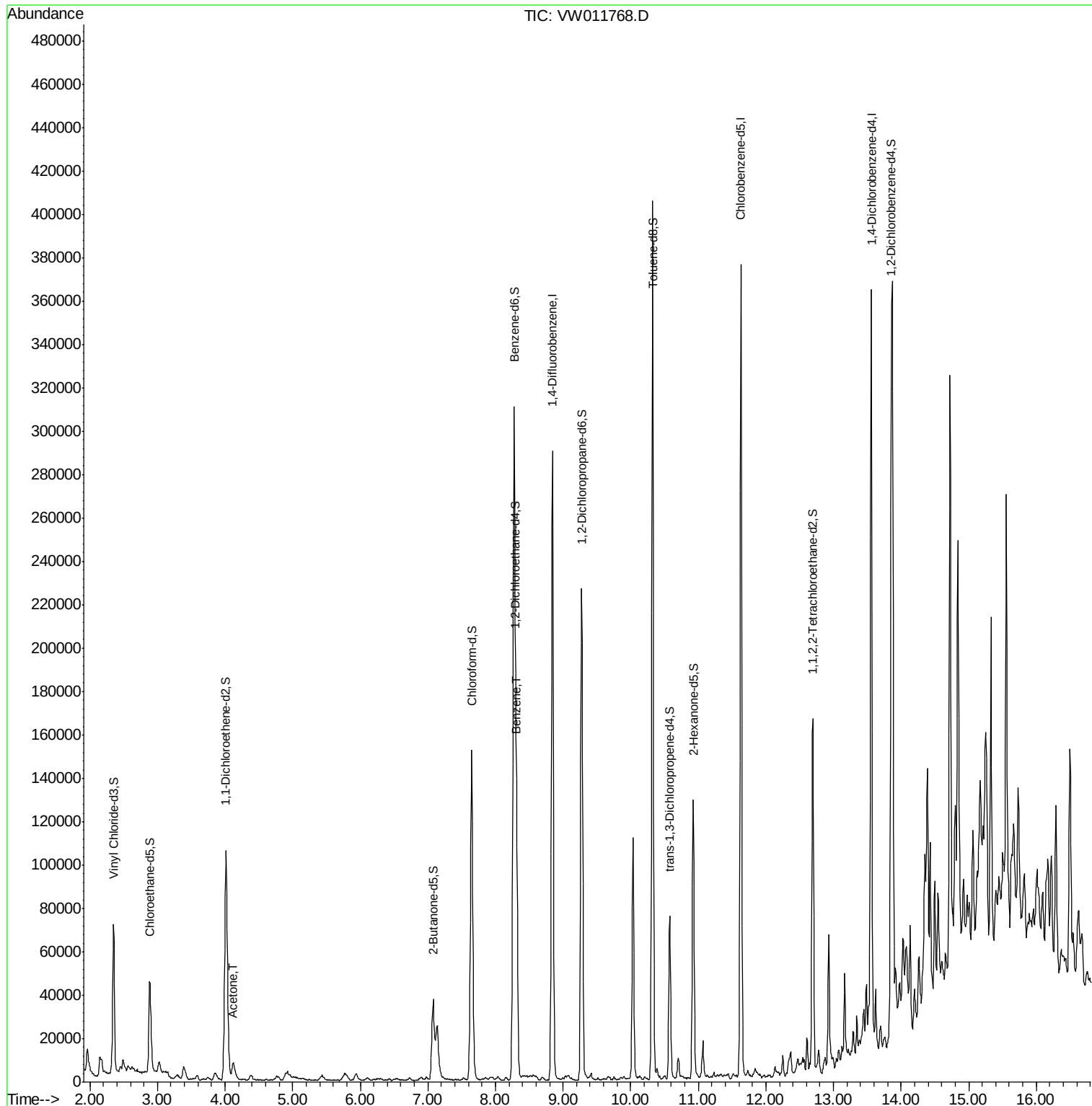
| Target Compounds |      |    |       |            | Qvalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 4.12 | 43 | 14100 | 9.241 ug/L | 97     |
| 34) Benzene      | 8.32 | 78 | 16983 | 1.215 ug/L | 100    |

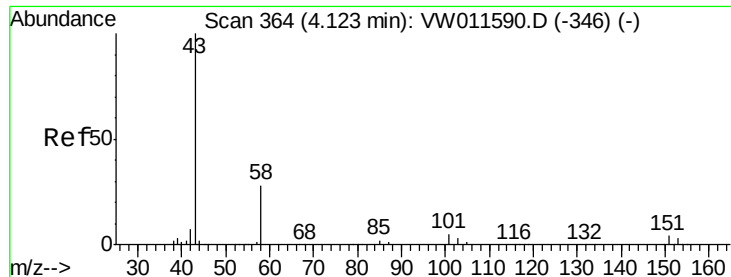
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.241 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA\_W

ClientSampled :

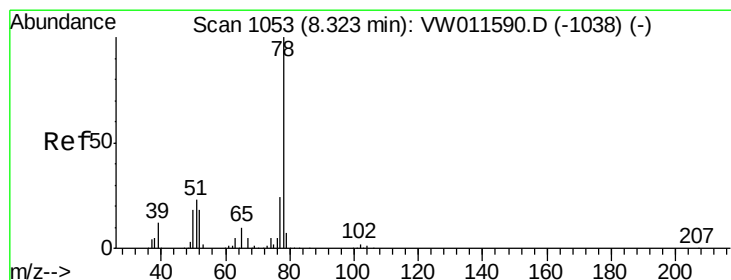
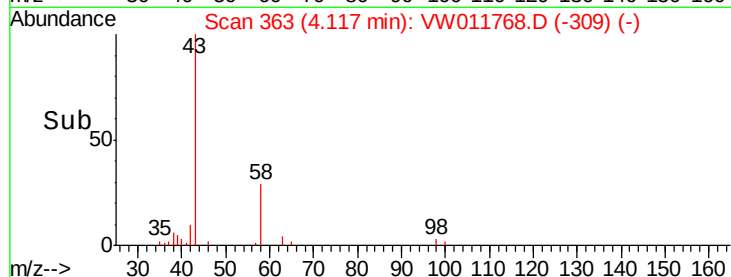
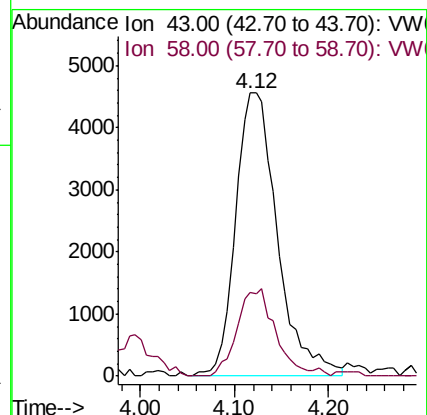
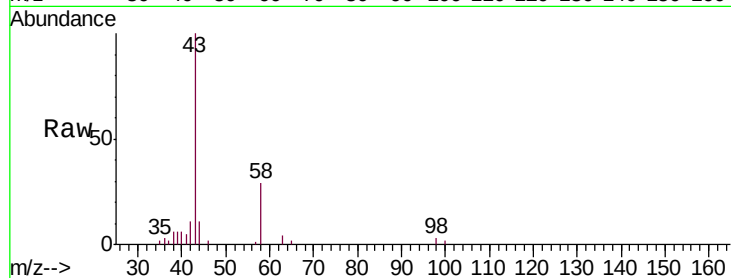
ETOB8

Tgt Ion: 43 Resp: 14100

Ion Ratio Lower Upper

43 100

58 28.1 0.0 53.4



#34

Benzene

Concen: 1.215 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

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Tgt Ion: 78 Resp: 16983

