

Data File : VW014256.D  
Acq On : 06 Dec 2019 18:10  
Operator : SY/VA  
Sample : K6171-11  
Misc : 5.30G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0BW2

Quant Time: Dec 07 04:14:35 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Dec 07 04:10:05 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1165778  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 1000036  | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 366105   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 445335   | 25.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 100.92% |
| 7) Chloroethane-d5             | 2.89   | 69    | 339578   | 25.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 103.48% |
| 10) 1,1-Dichloroethene-d2      | 4.23   | 63    | 207      | 0.01     | ug/L | 0.21    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 0.04%#  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 180367   | 39.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 78.42%  |
| 24) Chloroform-d               | 7.64   | 84    | 754742   | 25.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 101.72% |
| 26) 1,2-Dichloroethane-d4      | 8.46   | 65    | 314      | 0.02     | ug/L | 0.16    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 0.08%#  |
| 29) Benzene-d6                 | 8.27   | 84    | 1591664  | 27.16    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 108.64% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 499194   | 27.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 110.72% |
| 37) Toluene-d8                 | 10.32  | 98    | 1366743  | 25.79    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 103.16% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 176585   | 23.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 93.36%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 141754   | 39.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 79.08%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 358761   | 24.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 97.68%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 381132   | 27.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 108.96% |

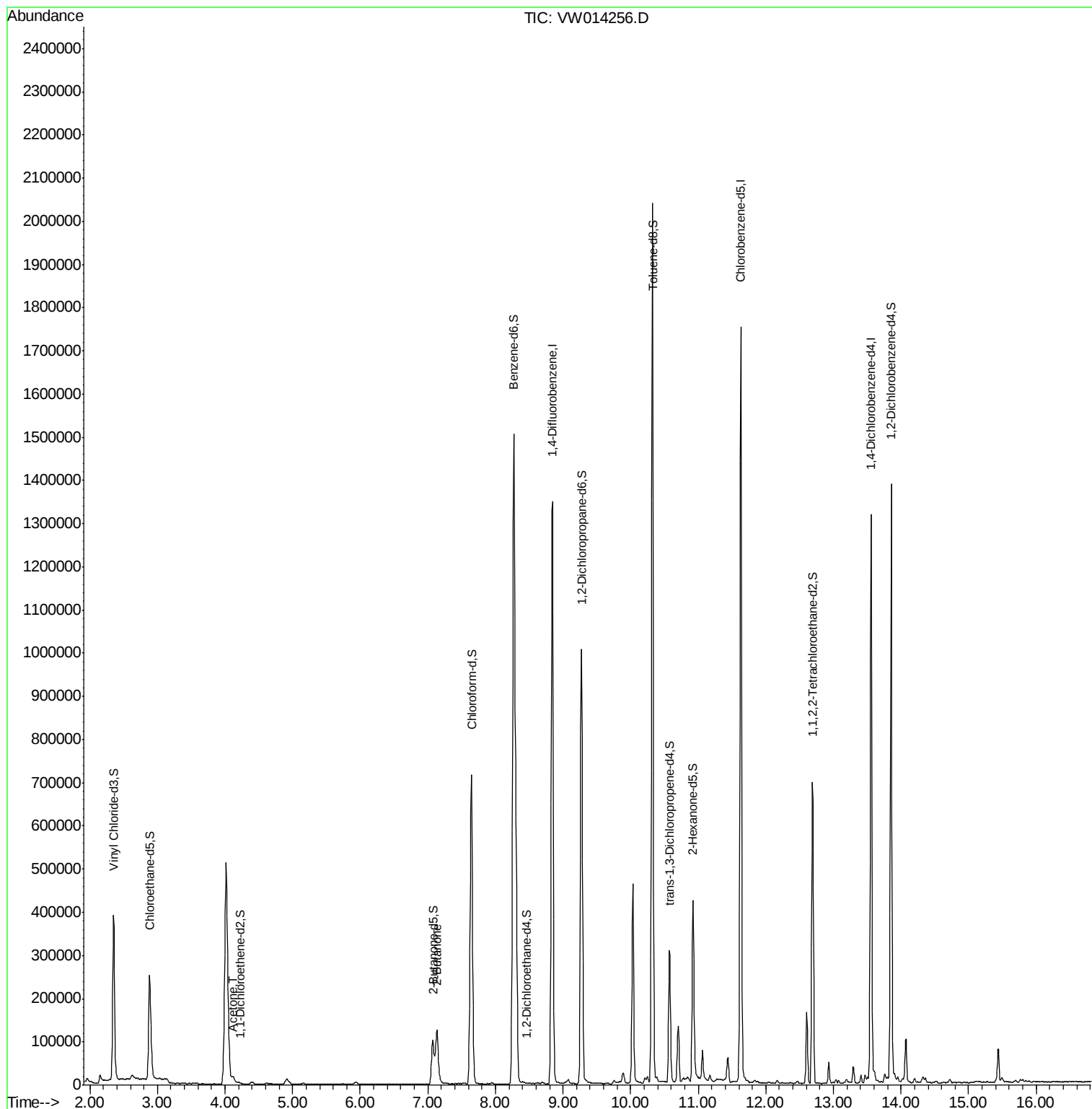
| Target Compounds |      |    |       |              | Qvalue |
|------------------|------|----|-------|--------------|--------|
| 13) Acetone      | 4.12 | 43 | 24392 | 5.500 ug/L   | 95     |
| 21) 2-Butanone   | 7.14 | 43 | 23164 | 3.890 ug/L # | 52     |

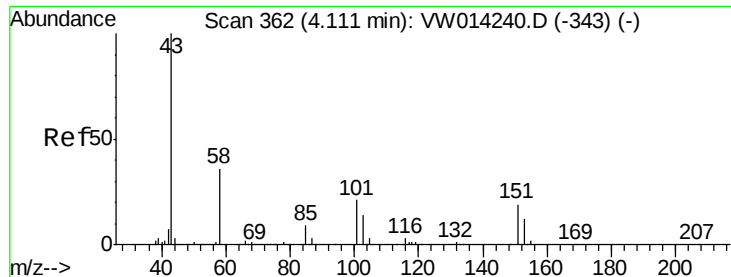
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014256.D  
Acq On : 06 Dec 2019 18:10  
Operator : SY/VA  
Sample : K6171-11  
Misc : 5.30G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0BW2

Quant Time: Dec 07 04:14:35 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Dec 07 04:10:05 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 5.500 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014256.D

Acq: 06 Dec 2019 18:10

Instrument :

MSVOA\_W

ClientSampled :

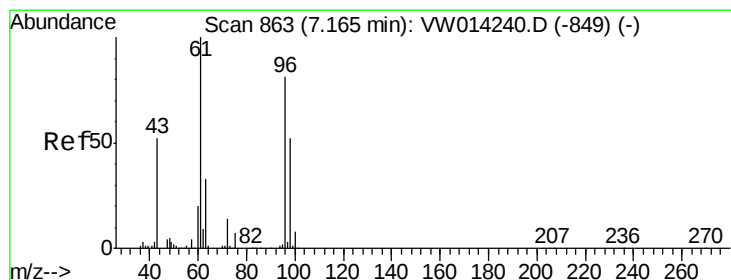
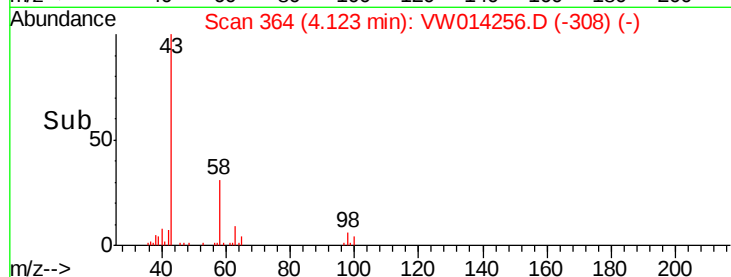
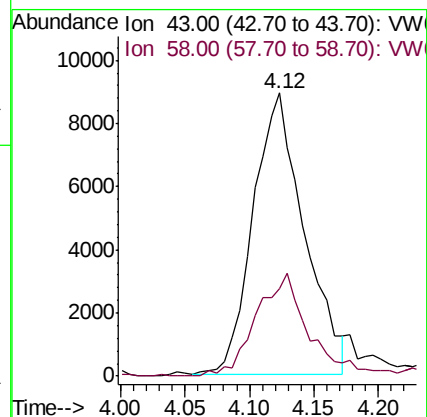
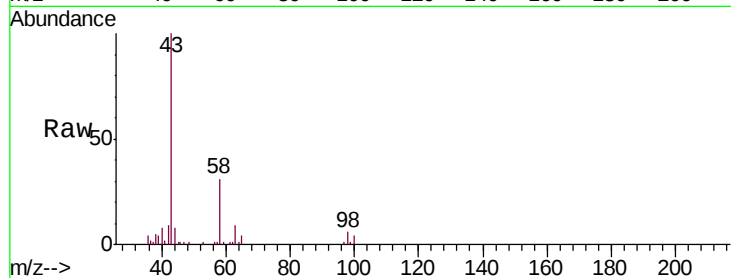
C0BW2

Tgt Ion: 43 Resp: 24392

Ion Ratio Lower Upper

43 100

58 35.7 0.0 65.4



#21

2-Butanone

Concen: 3.890 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW014256.D

Acq: 06 Dec 2019 18:10

Tgt Ion: 43 Resp: 23164

Ion Ratio Lower Upper

43 100

72 3.0 14.1 42.2#

