

Data File : VW011617.D  
Acq On : 02 Aug 2019 12:40  
Operator : SY/VA  
Sample : K4116-10  
Misc : 5.67G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JLLE0

Quant Time: Aug 03 02:26:05 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Aug 03 02:22:50 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 345544   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 287920   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 107522   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 109006   | 22.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 89.60%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 85285    | 24.33    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.32%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 188990   | 16.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 67.76%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 81727    | 37.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.60%  |
| 24) Chloroform-d               | 7.65   | 84    | 224749   | 23.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 94.72%  |
| 26) 1,2-Dichloroethane-d4      | 8.54   | 65    | 40       | 0.01     | ug/L | 0.24    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 0.04%#  |
| 29) Benzene-d6                 | 8.27   | 84    | 458304   | 25.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 101.24% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 149386   | 25.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 102.24% |
| 37) Toluene-d8                 | 10.32  | 98    | 386603   | 24.06    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 96.24%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 53088    | 20.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 82.88%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 53158    | 38.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 77.88%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 101810   | 20.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 83.92%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 98305    | 23.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 94.92%  |

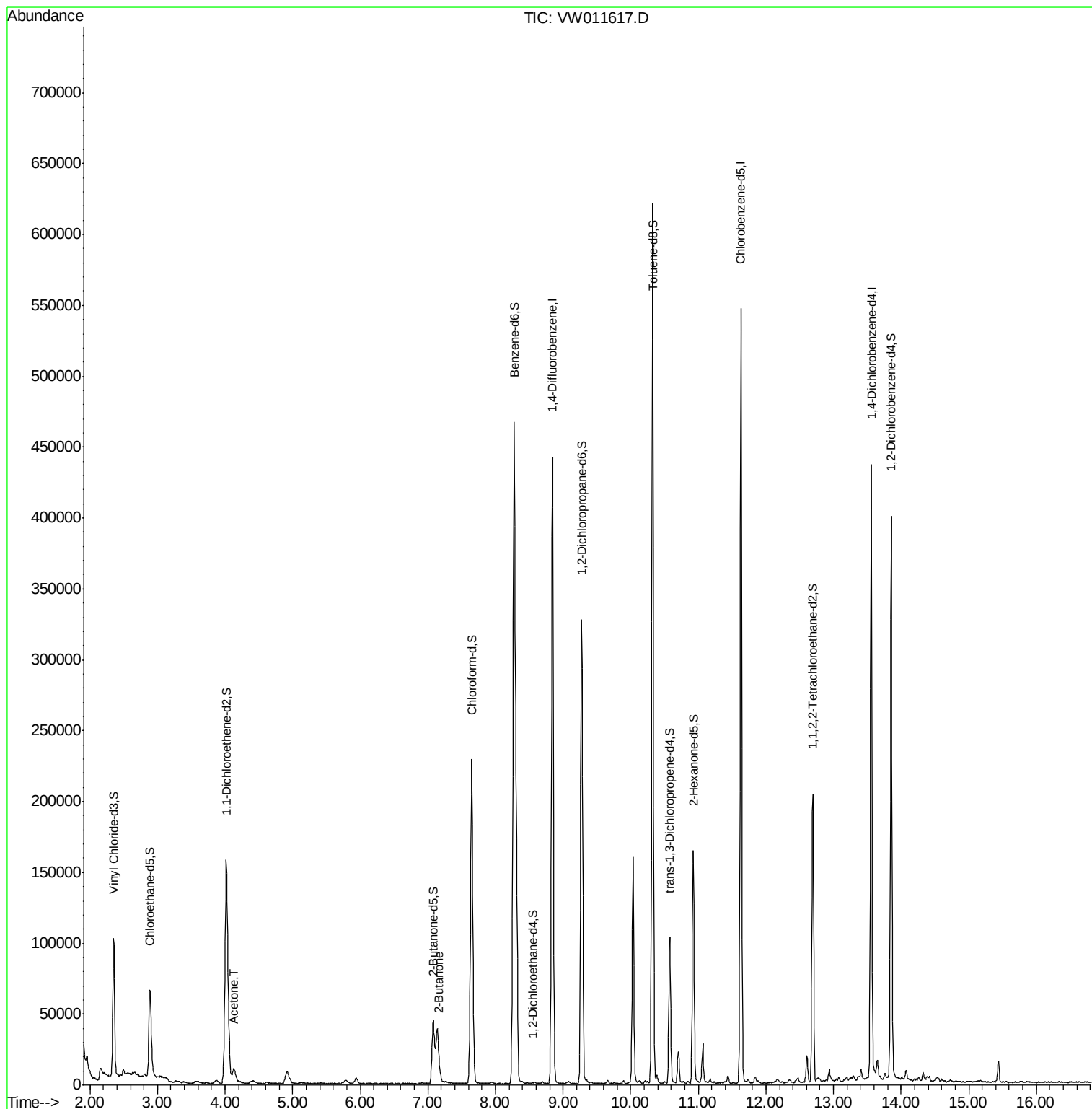
| Target Compounds |      |    |       |            | Qvalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 4.13 | 43 | 17462 | 7.442 ug/L | 96     |
| 21) 2-Butanone   | 7.17 | 43 | 7749  | 2.634 ug/L | 88     |

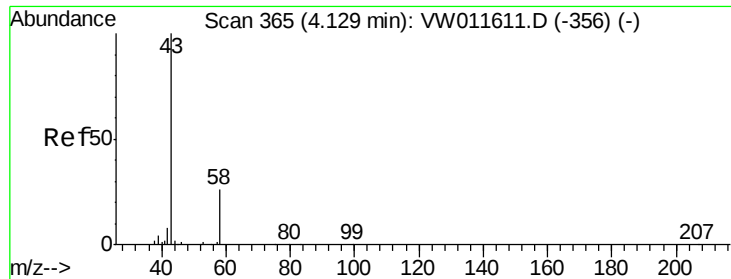
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.442 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

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Instrument :

MSVOA\_W

ClientSampleId :

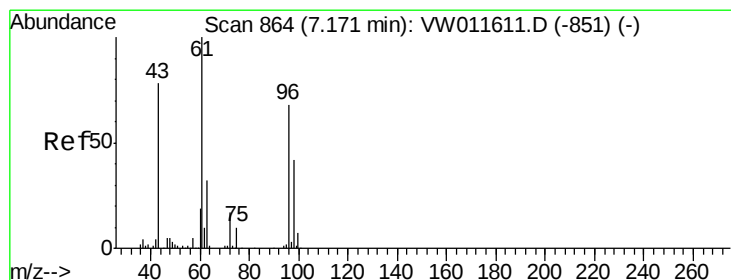
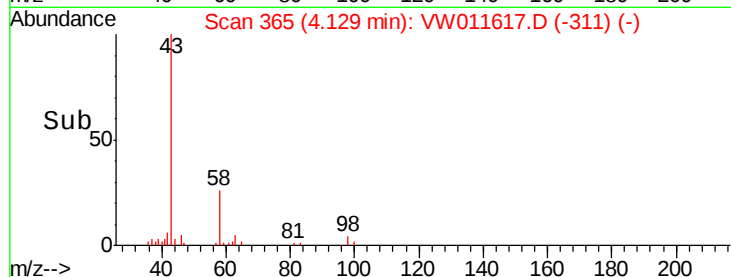
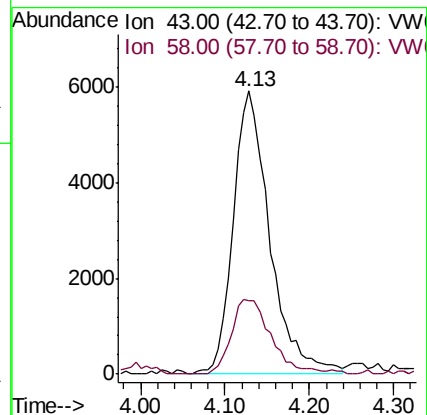
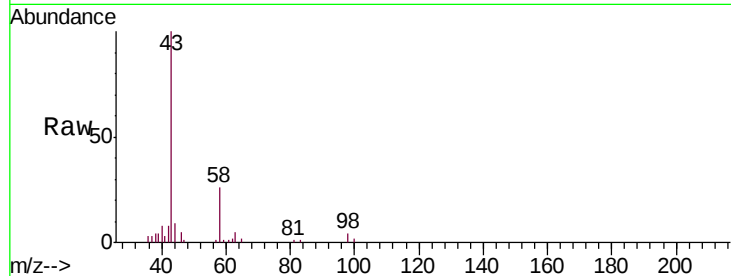
JLLE0

Tgt Ion: 43 Resp: 17462

Ion Ratio Lower Upper

43 100

58 28.7 0.0 53.4



#21

2-Butanone

Concen: 2.634 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

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Acq: 02 Aug 2019 12:40

Tgt Ion: 43 Resp: 7749

Ion Ratio Lower Upper

43 100

72 15.8 10.7 32.1

