

Data File : VW011299.D  
Acq On : 17 Jul 2019 10:15  
Operator : SY/VA  
Sample : VW0717SBL01  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK07

Quant Time: Jul 18 04:59:19 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM070219S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jul 18 04:56:38 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 405324   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 366350   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 169501   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 122202   | 19.74    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 78.96% |
| 7) Chloroethane-d5             | 2.89   | 69    | 87482    | 20.15    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.60% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 204097   | 15.57    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 62.28% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 110455   | 45.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.62% |
| 24) Chloroform-d               | 7.65   | 84    | 237286   | 21.36    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 85.44% |
| 26) 1,2-Dichloroethane-d4      | 8.39   | 65    | 120      | 0.02     | ug/L | 0.09   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 0.08%# |
| 29) Benzene-d6                 | 8.27   | 84    | 491573   | 21.78    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.12% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 162801   | 22.15    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 88.60% |
| 37) Toluene-d8                 | 10.32  | 98    | 428419   | 21.30    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 85.20% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 63725    | 20.39    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 81.56% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 72976    | 43.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 86.60% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 134724   | 22.16    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 88.64% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 144897   | 22.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 89.08% |

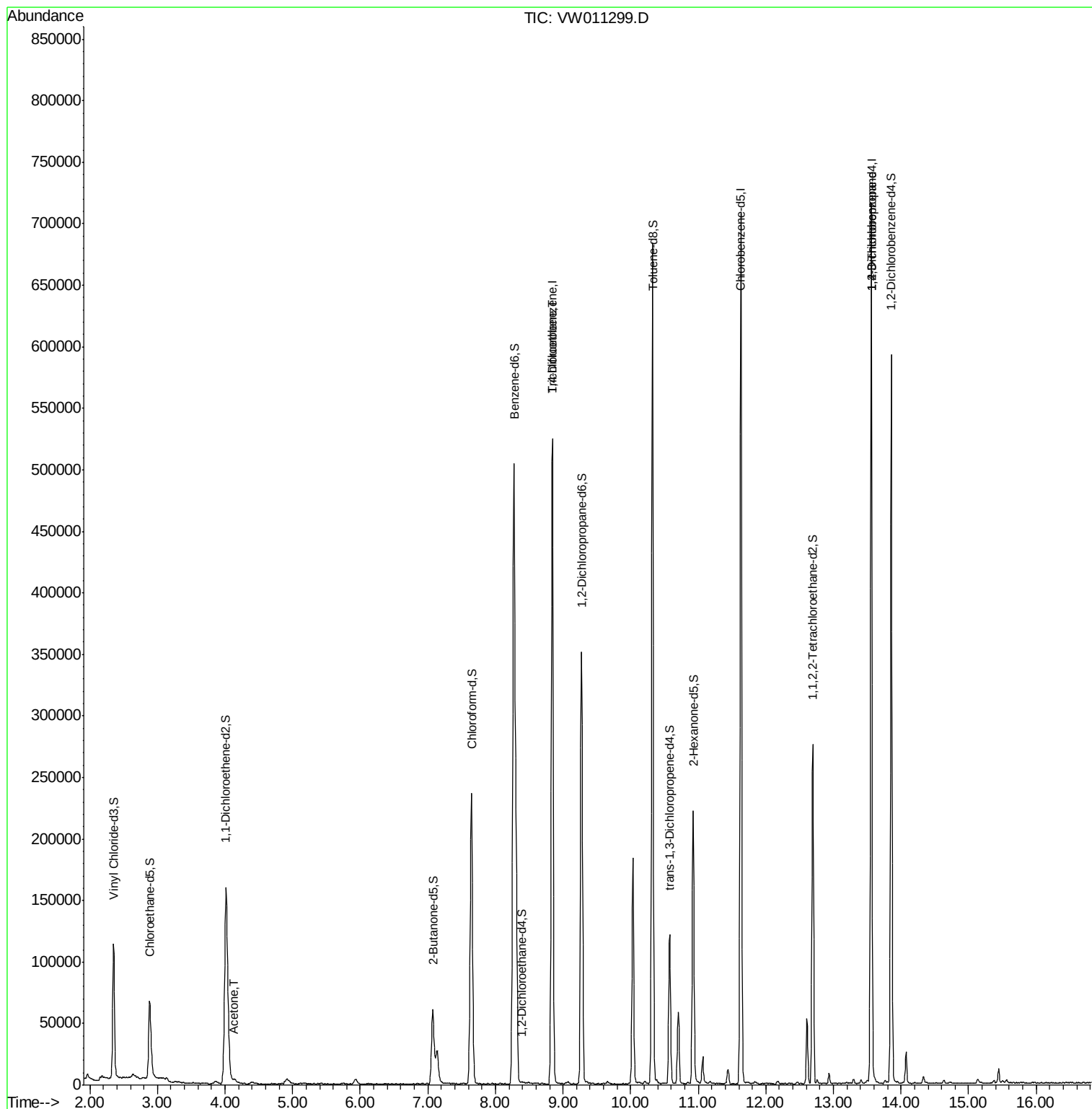
| Target Compounds           |       |    |       |              | Qvalue |
|----------------------------|-------|----|-------|--------------|--------|
| 13) Acetone                | 4.12  | 43 | 3332  | 1.399 ug/L   | 94     |
| 35) Trichloroethene        | 8.84  | 95 | 12777 | 2.211 ug/L # | 7      |
| 59) 1,2,3-Trichloropropane | 13.56 | 75 | 22924 | 5.164 ug/L   | 89     |

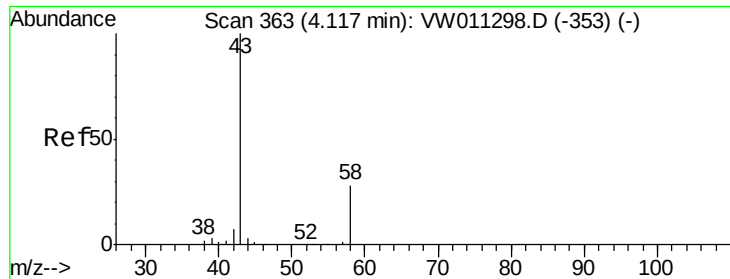
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.399 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA\_W

ClientSampleId :

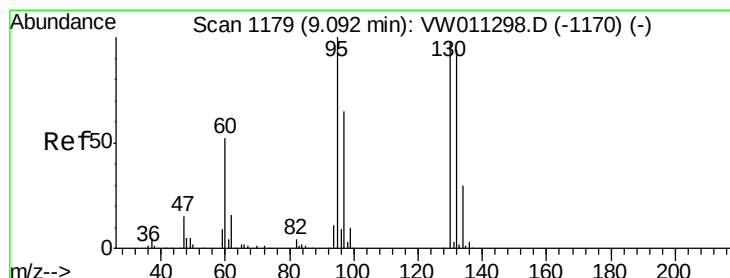
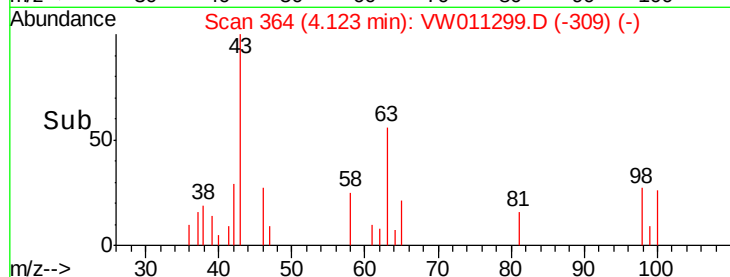
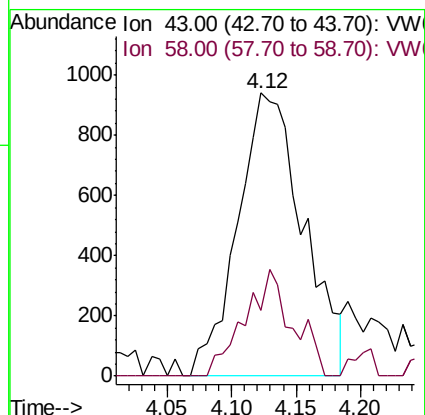
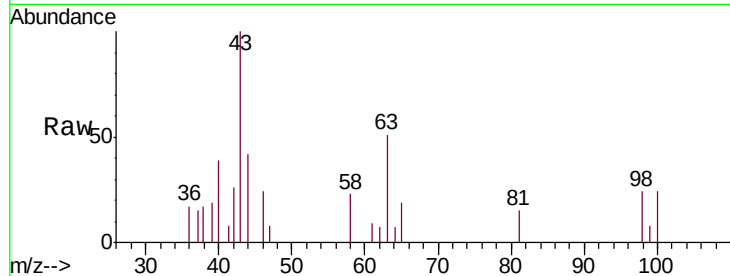
VBLK07

Tgt Ion: 43 Resp: 3332

Ion Ratio Lower Upper

43 100

58 24.1 0.0 55.0



#35

Trichloroethene

Concen: 2.211 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

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Tgt Ion: 95 Resp: 12777

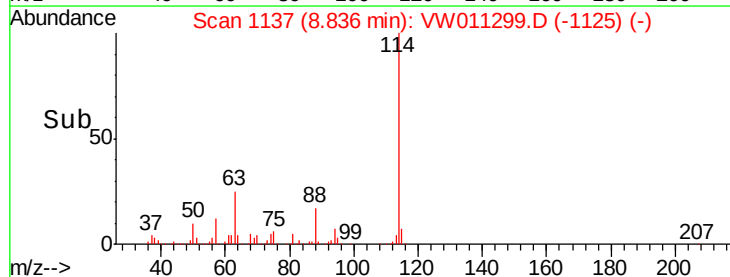
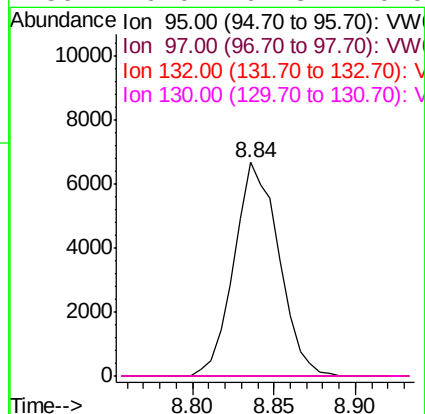
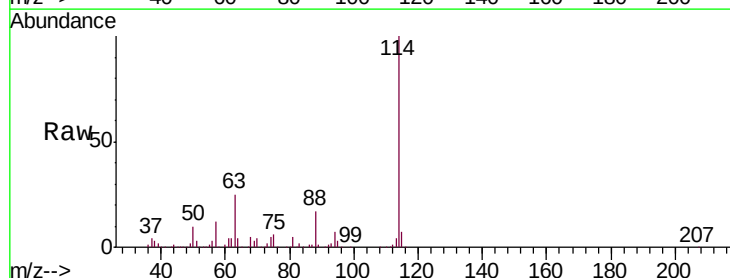
Ion Ratio Lower Upper

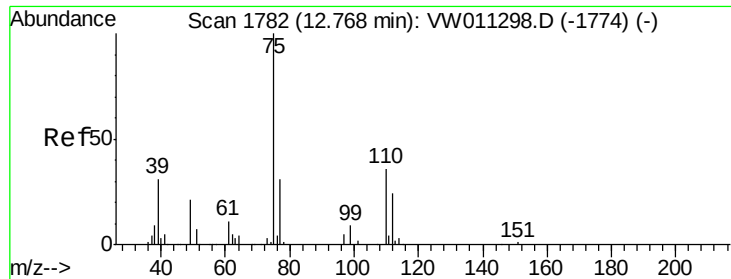
95 100

97 0.3 45.4 84.2#

132 0.7 65.0 120.8#

130 0.0 67.8 126.0#





#59

1,2,3-Trichloropropane

Concen: 5.164 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 22924

Ion Ratio Lower Upper

75 100

77 37.6 25.4 38.0

