

Data File : VW011126.D  
Acq On : 03 Jul 2019 00:22  
Operator : SY/VA  
Sample : VIBLK  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK31

Quant Time: Jul 03 05:55:47 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM070219S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jul 03 05:51:41 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 315170   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 295890   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 137873   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 110816   | 23.03    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.12%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 76268    | 22.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 90.36%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 173663   | 17.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 68.16%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 98001    | 51.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 103.40% |
| 24) Chloroform-d               | 7.65   | 84    | 203828   | 23.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 94.36%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 138694   | 26.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 104.28% |
| 29) Benzene-d6                 | 8.27   | 84    | 432148   | 23.71    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 94.84%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 145314   | 24.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 97.92%  |
| 37) Toluene-d8                 | 10.32  | 98    | 380372   | 23.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.68%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 54926    | 21.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 87.04%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 67203    | 49.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 98.74%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 120398   | 24.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 98.08%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 130677   | 24.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 98.76%  |

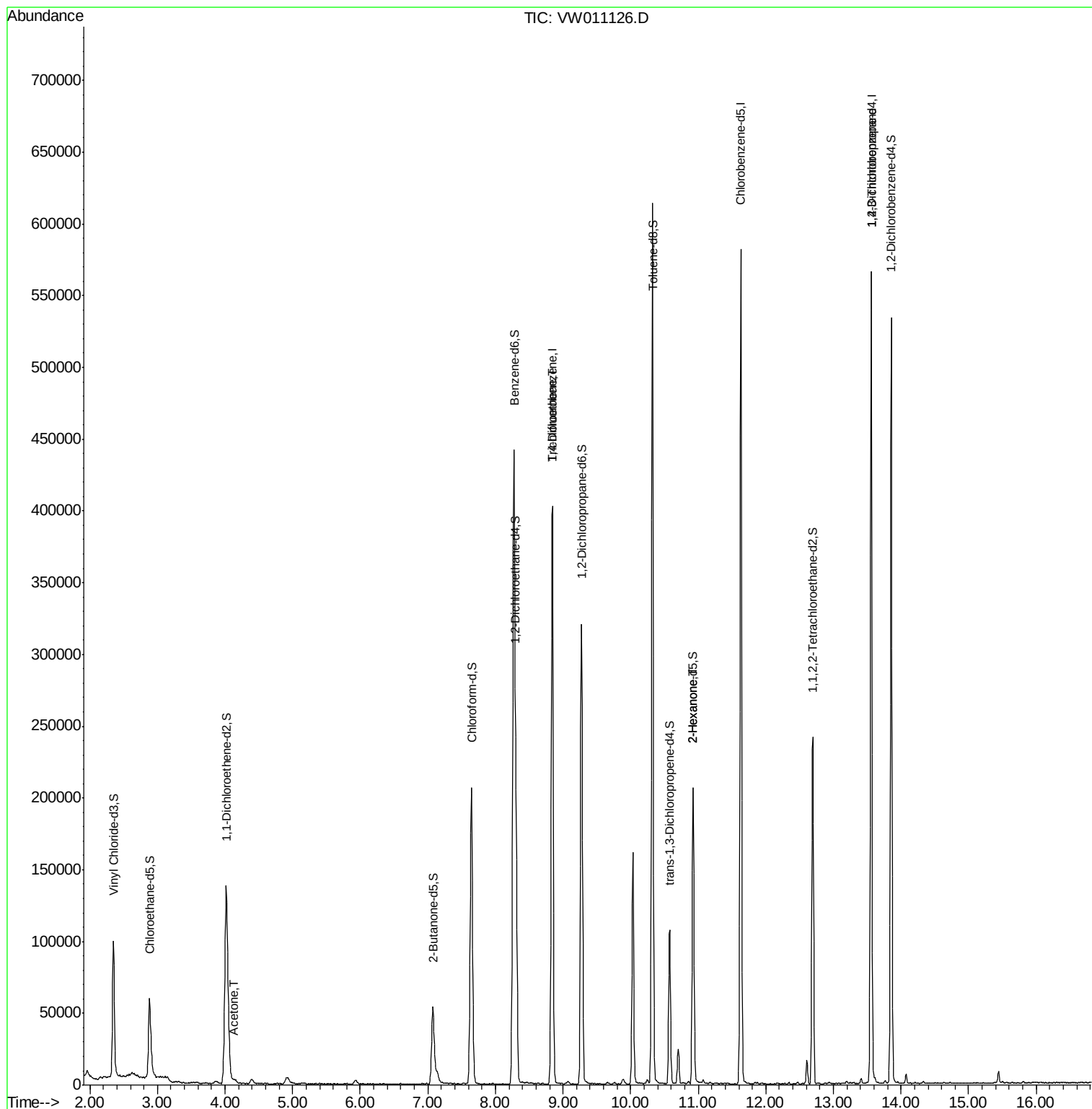
| Target Compounds           |       |    |       |              | Qvalue |
|----------------------------|-------|----|-------|--------------|--------|
| 13) Acetone                | 4.13  | 43 | 2453  | 1.325 ug/L   | 63     |
| 35) Trichloroethene        | 8.84  | 95 | 9803  | 2.101 ug/L # | 6      |
| 49) 2-Hexanone             | 10.92 | 43 | 10061 | 2.942 ug/L # | 69     |
| 59) 1,2,3-Trichloropropane | 13.55 | 75 | 19121 | 5.333 ug/L   | 90     |

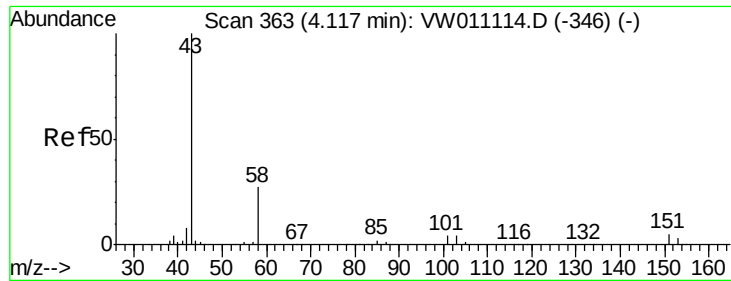
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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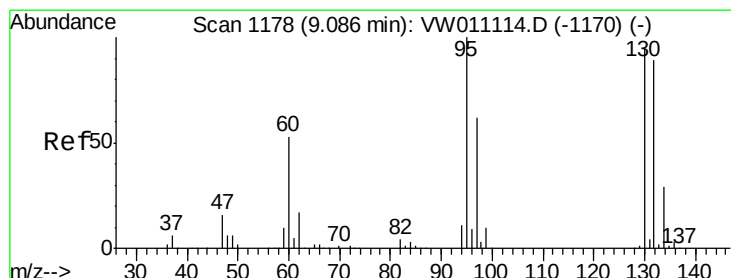
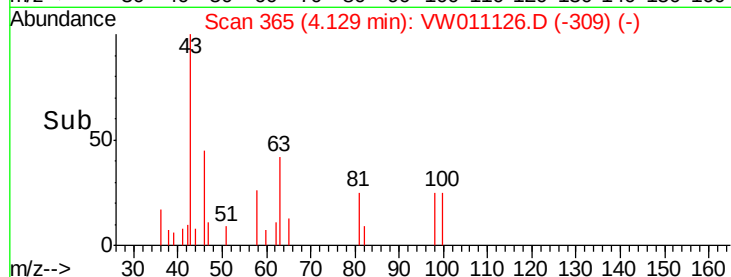
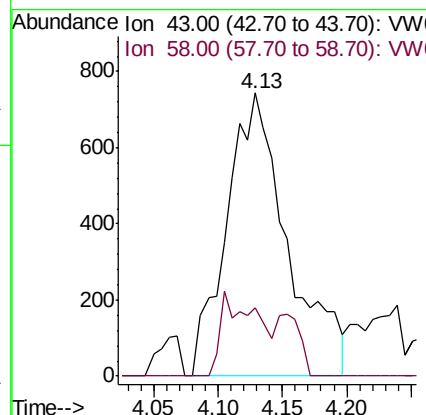
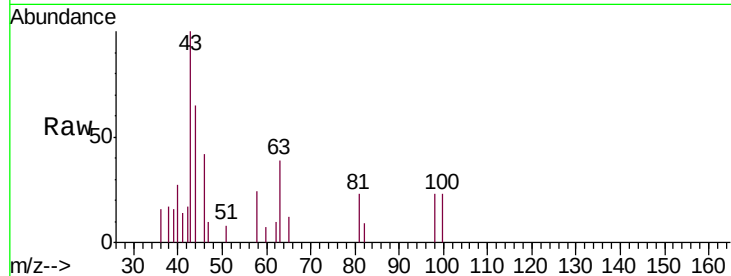




#13  
Acetone  
Concen: 1.325 ug/L  
RT: 4.13 min Scan# 365  
Delta R.T. 0.01 min  
Lab File: VW011126.D  
Acq: 03 Jul 2019 00:22

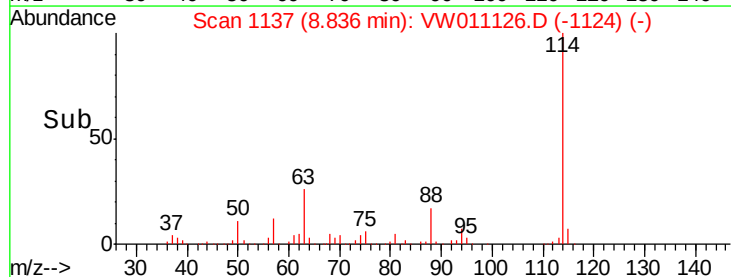
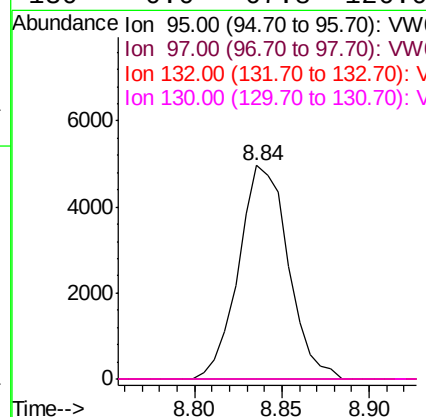
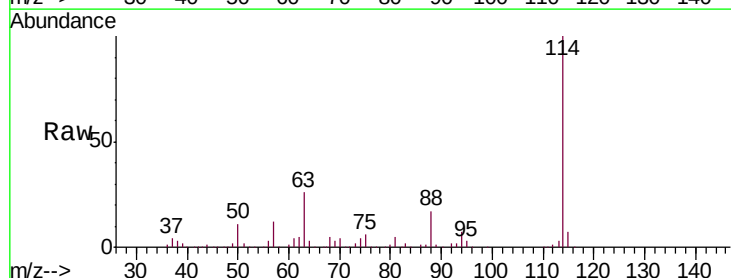
Instrument :  
MSVOA\_W  
ClientSampled :  
VIBLK31

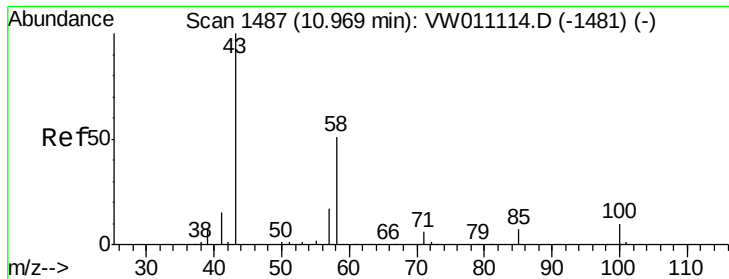
Tgt Ion: 43 Resp: 2453  
Ion Ratio Lower Upper  
43 100  
58 8.4 0.0 55.0



#35  
Trichloroethene  
Concen: 2.101 ug/L  
RT: 8.84 min Scan# 1137  
Delta R.T. -0.25 min  
Lab File: VW011126.D  
Acq: 03 Jul 2019 00:22

Tgt Ion: 95 Resp: 9803  
Ion Ratio Lower Upper  
95 100  
97 0.0 45.4 84.2#  
132 0.0 65.0 120.8#  
130 0.0 67.8 126.0#





#49

2-Hexanone

Concen: 2.942 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW011126.D

Acq: 03 Jul 2019 00:22

Instrument :

MSVOA\_W

ClientSampleId :

VIBLK31

Tgt Ion: 43 Resp: 10061

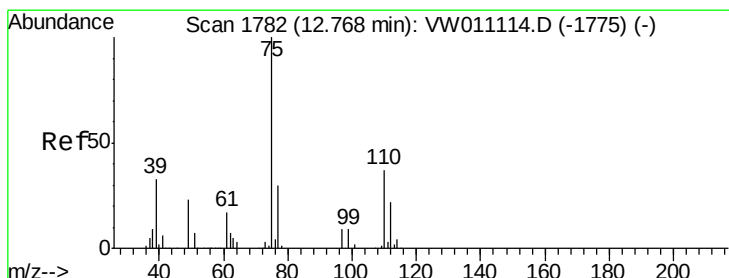
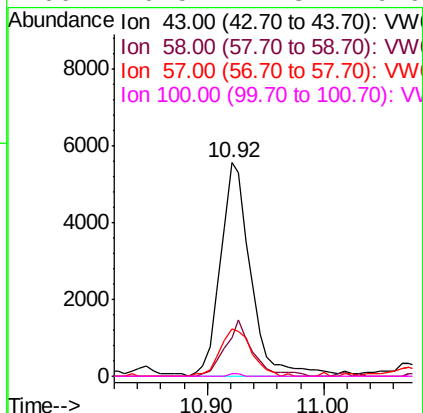
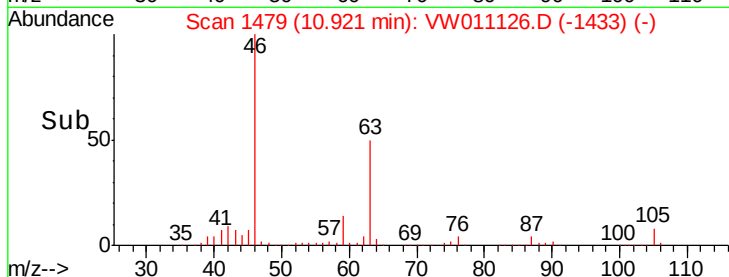
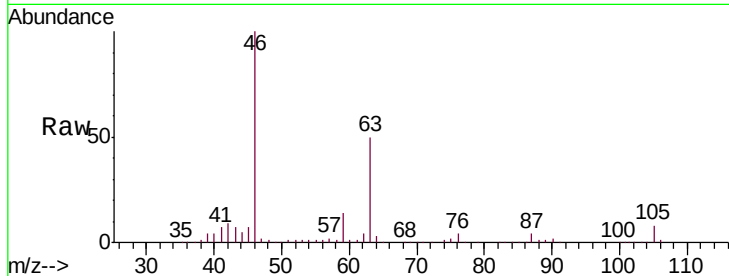
Ion Ratio Lower Upper

43 100

58 22.6 38.4 57.6#

57 22.9 13.3 19.9#

100 0.5 7.3 10.9#



#59

1,2,3-Trichloropropane

Concen: 5.333 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW011126.D

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Tgt Ion: 75 Resp: 19121

Ion Ratio Lower Upper

75 100

77 37.4 25.4 38.0

