

Data File : VW009177.D  
Acq On : 14 Mar 2019 18:50  
Operator : SY/VA  
Sample : K1794-09  
Misc : 3.38G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BF5N9

Quant Time: Mar 15 06:56:57 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 15 06:53:55 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 433553   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 367521   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 130119   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 149394   | 28.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 115.36% |
| 7) Chloroethane-d5             | 2.89   | 69    | 140949   | 23.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.00%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 221683   | 19.80    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 79.20%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 82953    | 38.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 77.44%  |
| 24) Chloroform-d               | 7.65   | 84    | 272616   | 23.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 92.16%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 164743   | 23.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 92.44%  |
| 29) Benzene-d6                 | 8.27   | 84    | 534046   | 26.35    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 105.40% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 161990   | 26.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 106.44% |
| 37) Toluene-d8                 | 10.32  | 98    | 467621   | 24.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 99.80%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 67733    | 22.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 88.60%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 64186    | 43.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.06%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 134245   | 22.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 89.56%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 118366   | 23.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 94.88%  |

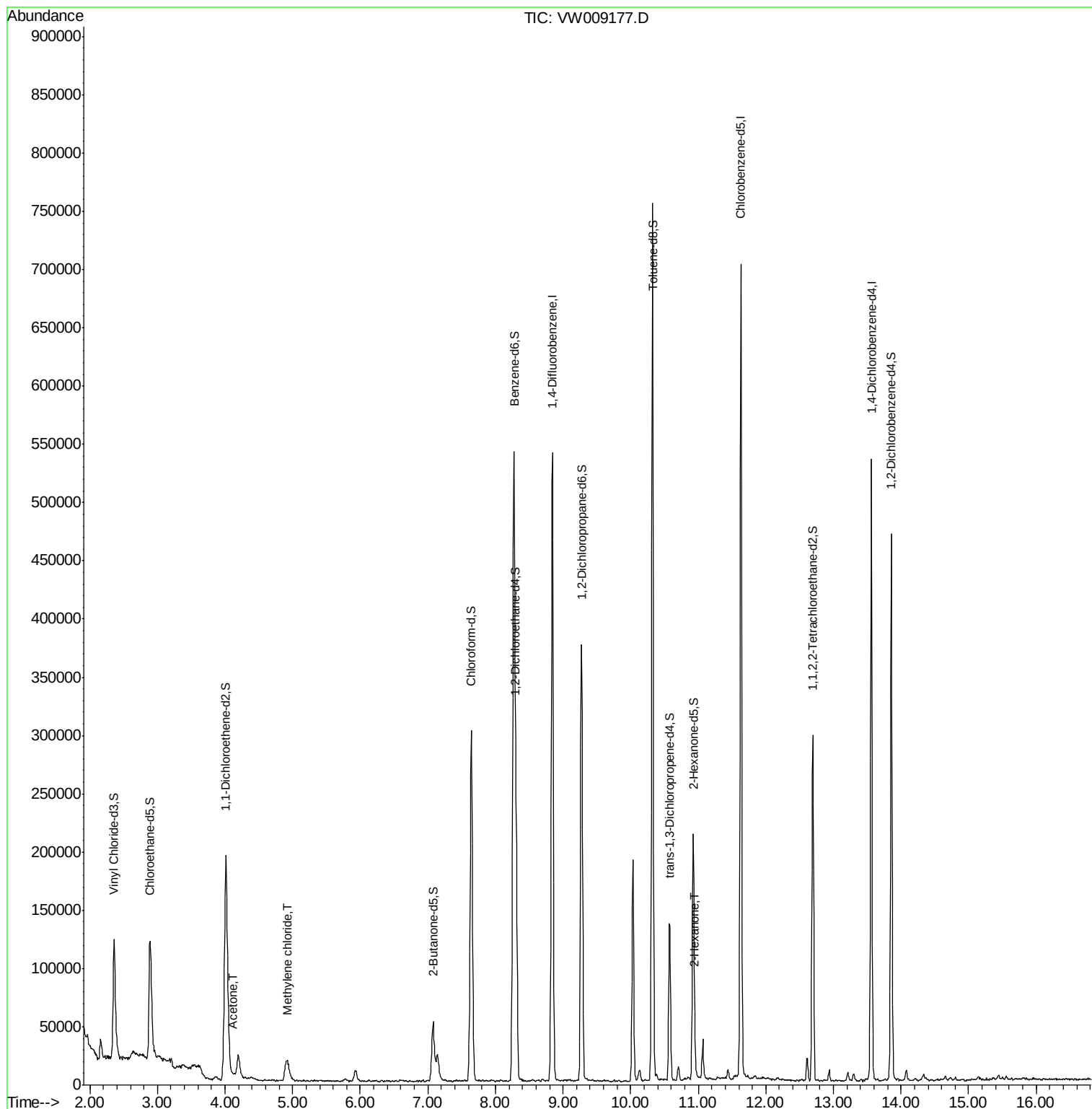
| Target Compounds       |       |    |       |              | Qvalue |
|------------------------|-------|----|-------|--------------|--------|
| 13) Acetone            | 4.12  | 43 | 5582  | 3.177 ug/L   | 75     |
| 16) Methylene chloride | 4.92  | 84 | 17412 | 2.754 ug/L   | 99     |
| 49) 2-Hexanone         | 10.95 | 43 | 7665  | 2.327 ug/L # | 42     |

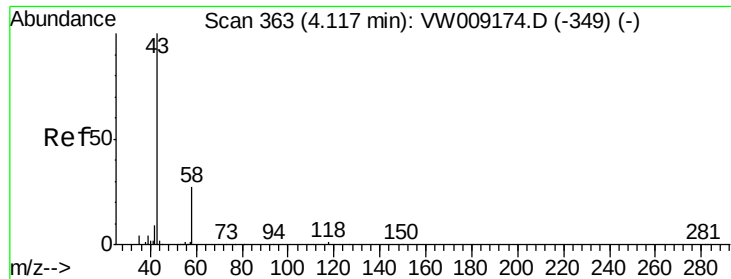
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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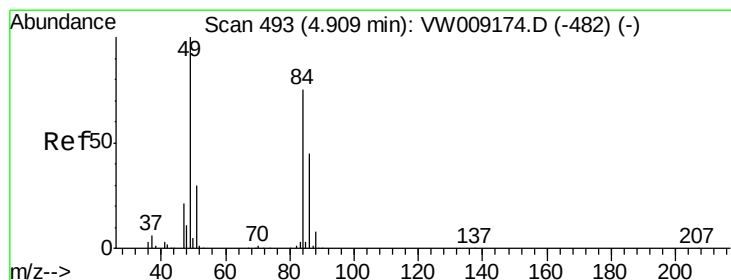
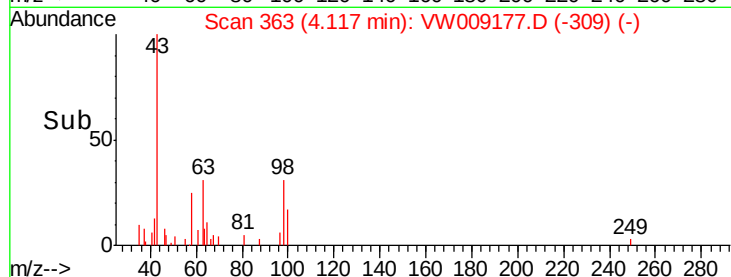
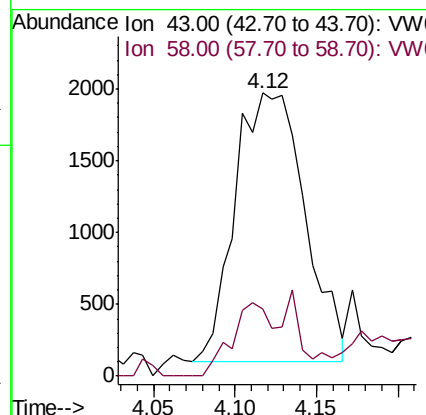
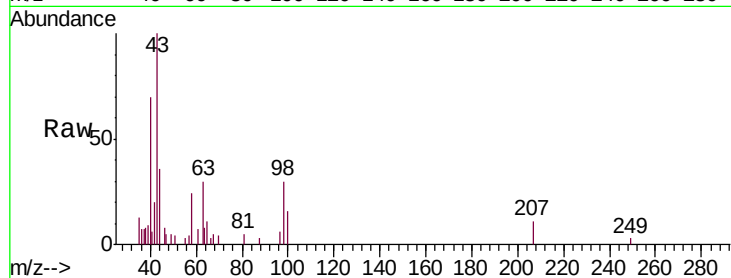




#13  
Acetone  
Concen: 3.177 ug/L  
RT: 4.12 min Scan# 363  
Delta R.T. 0.00 min  
Lab File: VW009177.D  
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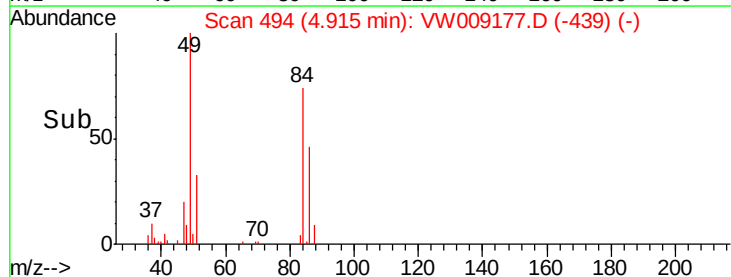
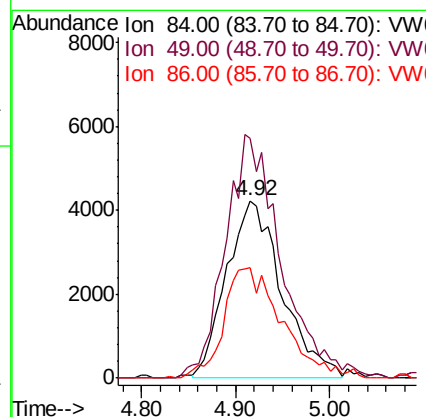
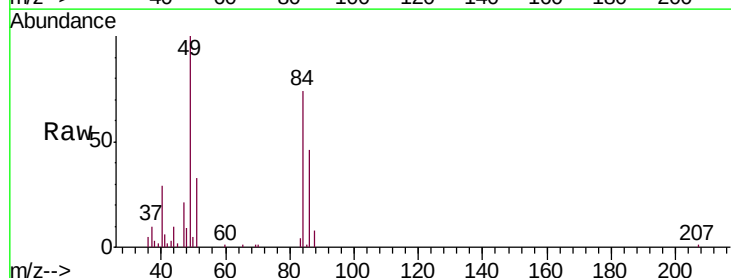
Instrument :  
MSVOA\_W  
ClientSampled :  
BF5N9

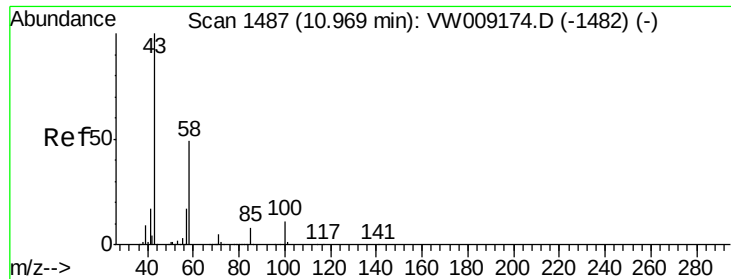
Tgt Ion: 43 Resp: 5582  
Ion Ratio Lower Upper  
43 100  
58 15.1 0.0 56.2



#16  
Methylene chloride  
Concen: 2.754 ug/L  
RT: 4.92 min Scan# 494  
Delta R.T. 0.01 min  
Lab File: VW009177.D  
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Tgt Ion: 84 Resp: 17412  
Ion Ratio Lower Upper  
84 100  
49 135.6 96.0 178.2  
86 62.4 44.4 82.5





#49

2-Hexanone

Concen: 2.327 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

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Acq: 14 Mar 2019 18:50

Instrument :

MSVOA\_W

ClientSampleId :

BF5N9

Tgt Ion: 43 Resp: 7665

Ion Ratio Lower Upper

43 100

58 0.0 39.2 58.8#

57 0.0 14.2 21.2#

100 2.0 8.9 13.3#

