

Data File : VW009550.D  
Acq On : 28 Mar 2019 21:39  
Operator : SY/VA  
Sample : VW0328SBL02  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK17

Quant Time: Mar 29 07:44:14 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 29 07:41:24 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 392748   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 381857   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 172023   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 96505    | 20.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.24%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 107785   | 19.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 78.52%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 160643   | 15.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 63.36%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 105206   | 54.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 108.40% |
| 24) Chloroform-d               | 7.64   | 84    | 259665   | 24.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 96.92%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 165492   | 25.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 102.52% |
| 29) Benzene-d6                 | 8.27   | 84    | 460451   | 21.86    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.44%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 149637   | 23.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 94.64%  |
| 37) Toluene-d8                 | 10.32  | 98    | 420237   | 21.58    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 86.32%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 66735    | 21.01    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.04%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 71248    | 46.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 93.02%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 155380   | 24.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 99.76%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 166462   | 25.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 100.96% |

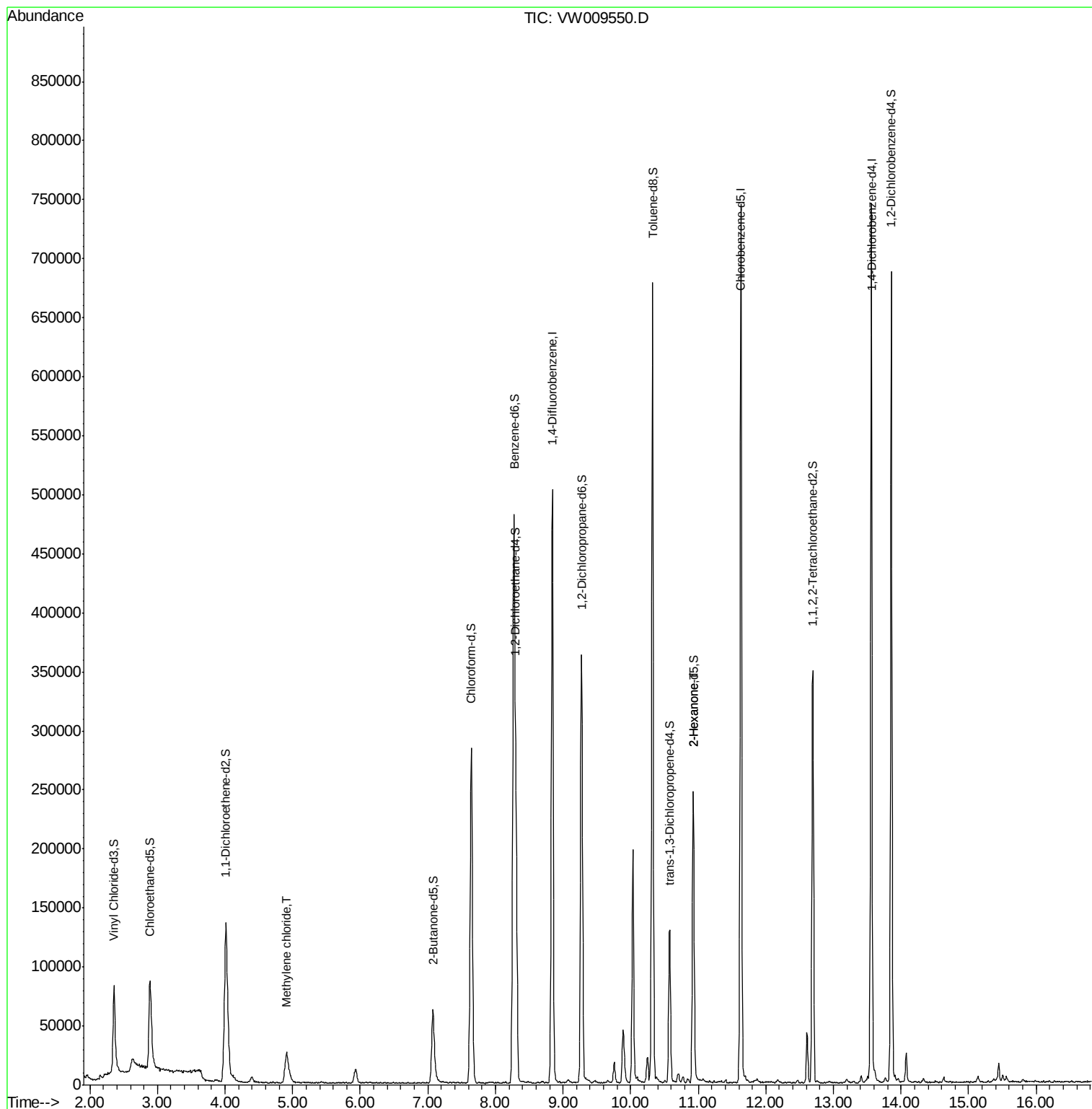
| Target Compounds       |       |    |       |              | Qvalue |
|------------------------|-------|----|-------|--------------|--------|
| 16) Methylene chloride | 4.92  | 84 | 15370 | 2.684 ug/L   | 98     |
| 49) 2-Hexanone         | 10.93 | 43 | 11579 | 3.383 ug/L # | 74     |

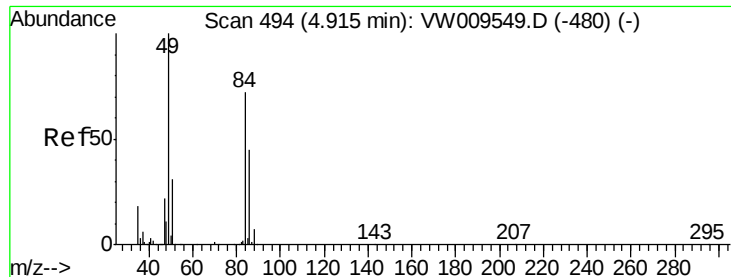
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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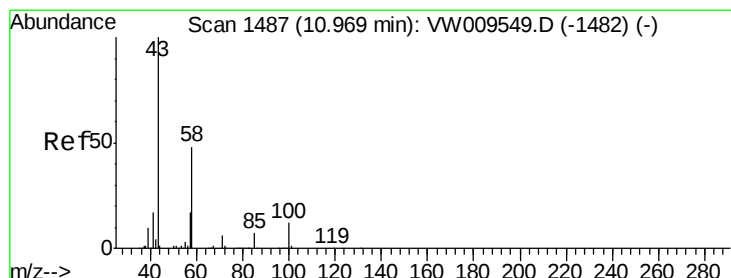
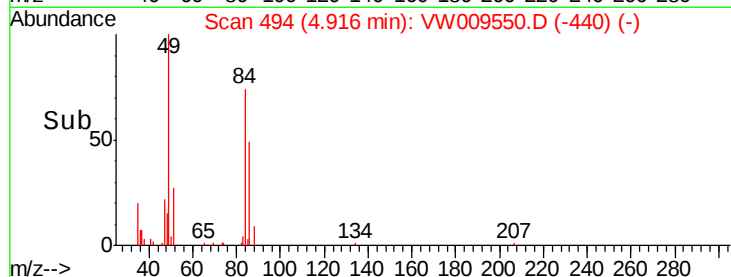
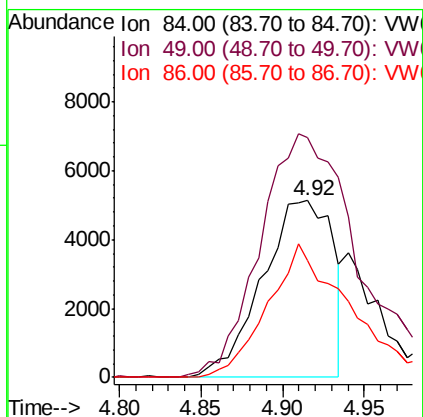
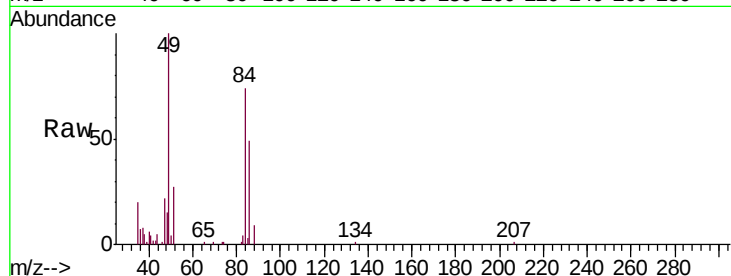




#16  
Methylene chloride  
Concen: 2.684 ug/L  
RT: 4.92 min Scan# 494  
Delta R.T. 0.00 min  
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Tgt Ion: 84 Resp: 15370  
Ion Ratio Lower Upper  
84 100  
49 135.7 96.0 178.2  
86 65.9 44.4 82.5



#49  
2-Hexanone  
Concen: 3.383 ug/L  
RT: 10.93 min Scan# 1480  
Delta R.T. -0.04 min  
Lab File: VW009550.D  
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Tgt Ion: 43 Resp: 11579  
Ion Ratio Lower Upper  
43 100  
58 32.5 39.2 58.8#  
57 30.3 14.2 21.2#  
100 0.4 8.9 13.3#

