

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW041519\  
 Data File : VW009980.D  
 Acq On : 15 Apr 2019 19:35  
 Operator : SY/VA  
 Sample : K2327-07  
 Misc : 5.08G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Apr 16 01:56:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM041519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 16 01:53:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 612454   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 582254   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 256920   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 166872   | 28.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 115.32% |
| 7) Chloroethane-d5             | 2.89   | 69    | 150423   | 25.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 102.64% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 323746   | 20.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 80.68%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 155572   | 49.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 99.38%  |
| 24) Chloroform-d               | 7.65   | 84    | 412375   | 23.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 93.16%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 261816   | 23.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 95.32%  |
| 29) Benzene-d6                 | 8.27   | 84    | 809672   | 25.30    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 101.20% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 249522   | 24.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 97.92%  |
| 37) Toluene-d8                 | 10.32  | 98    | 739162   | 25.32    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 101.28% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 112737   | 23.33    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 93.32%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 114580   | 50.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 101.48% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 221750   | 23.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 93.04%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 246096   | 25.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 101.92% |

## Target Compounds

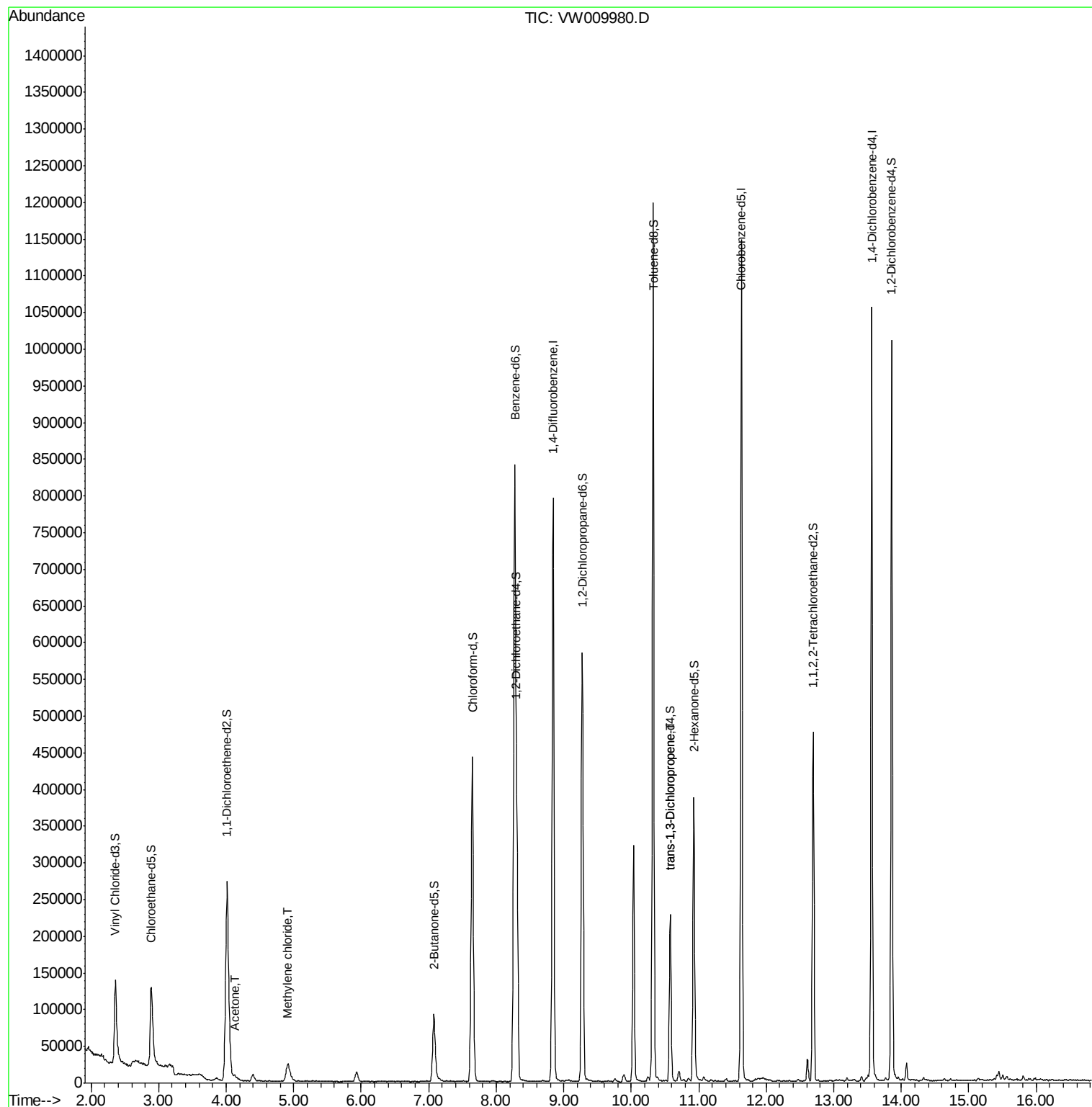
|                               |       |    |       |            | Qvalue |
|-------------------------------|-------|----|-------|------------|--------|
| 13) Acetone                   | 4.12  | 43 | 7014  | 2.519 ug/L | 98     |
| 16) Methylene chloride        | 4.92  | 84 | 20684 | 1.865 ug/L | 93     |
| 45) trans-1,3-Dichloropropene | 10.57 | 75 | 5948  | 0.482 ug/L | 85     |

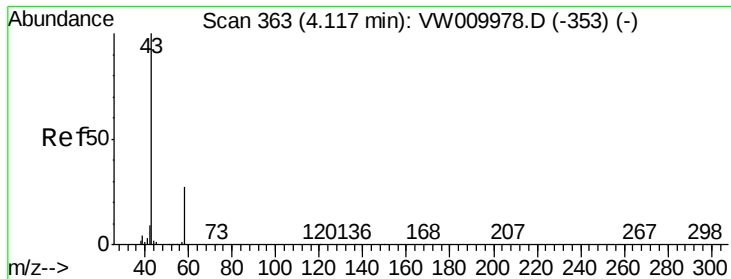
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW041519\  
Data File : VW009980.D  
Acq On : 15 Apr 2019 19:35  
Operator : SY/VA  
Sample : K2327-07  
Misc : 5.08G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VHBLK01

Quant Time: Apr 16 01:56:14 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM041519S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 16 01:53:26 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 2.519 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW009980.D

Acq: 15 Apr 2019 19:35

Instrument :

MSVOA\_W

ClientSampleId :

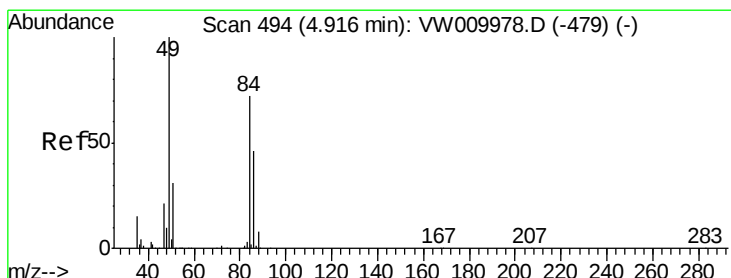
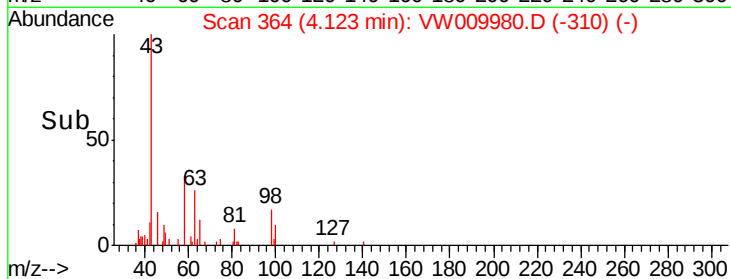
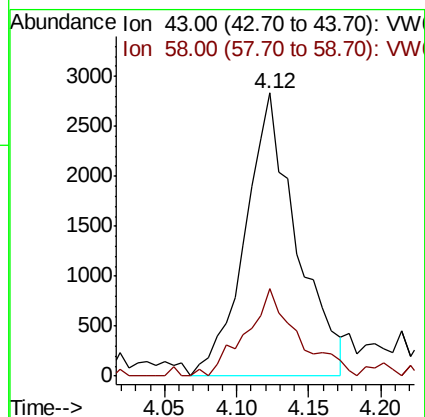
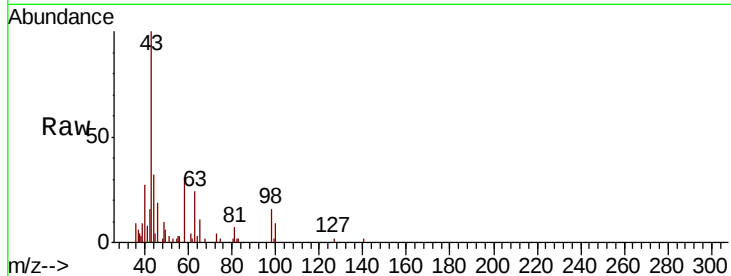
VHBLK01

Tgt Ion: 43 Resp: 7014

Ion Ratio Lower Upper

43 100

58 27.0 0.0 56.2



#16

Methylene chloride

Concen: 1.865 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW009980.D

Acq: 15 Apr 2019 19:35

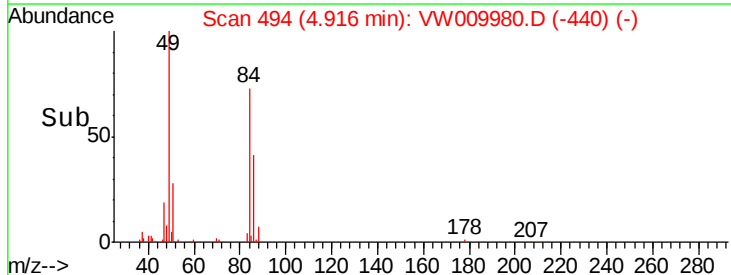
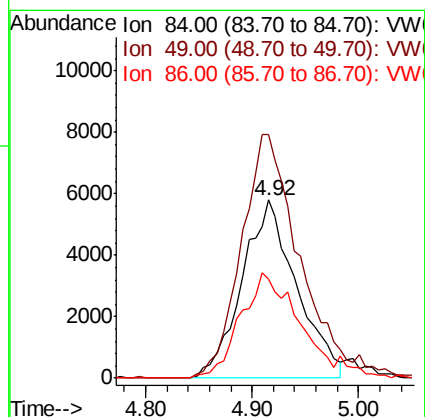
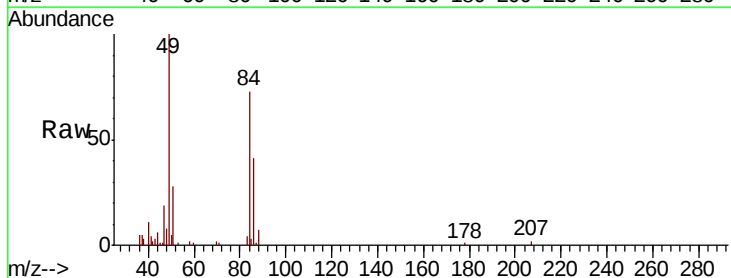
Tgt Ion: 84 Resp: 20684

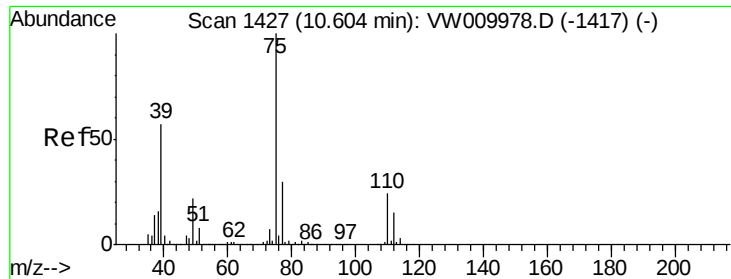
Ion Ratio Lower Upper

84 100

49 136.8 100.7 187.1

86 55.7 43.8 81.3





#45

trans-1,3-Dichloropropene

Concen: 0.482 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009980.D

Acq: 15 Apr 2019 19:35

Instrument :

MSVOA\_W

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 5948

Ion Ratio Lower Upper

75 100

77 40.0 22.0 41.0

