

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092619\  
 Data File : VW013304.D  
 Acq On : 26 Sep 2019 13:46  
 Operator : SY/VA  
 Sample : VW0926SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK01

Quant Time: Sep 26 19:09:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092619S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 26 12:57:49 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 493155   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 443177   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 216999   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 150114   | 25.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 102.12% |
| 7) Chloroethane-d5             | 2.89   | 69    | 117674   | 24.93    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 99.72%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 219031   | 18.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 75.68%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 102106   | 50.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 100.48% |
| 24) Chloroform-d               | 7.65   | 84    | 271097   | 24.38    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 97.52%  |
| 26) 1,2-Dichloroethane-d4      | 8.40   | 65    | 218      | 0.04     | ug/L | 0.09    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 0.16%#  |
| 29) Benzene-d6                 | 8.27   | 84    | 601042   | 24.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 99.92%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 178511   | 24.89    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 99.56%  |
| 37) Toluene-d8                 | 10.32  | 98    | 567383   | 25.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 100.16% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 79152    | 24.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 98.28%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 81275    | 51.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 103.60% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 154300   | 25.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 101.36% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 199498   | 25.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 102.96% |

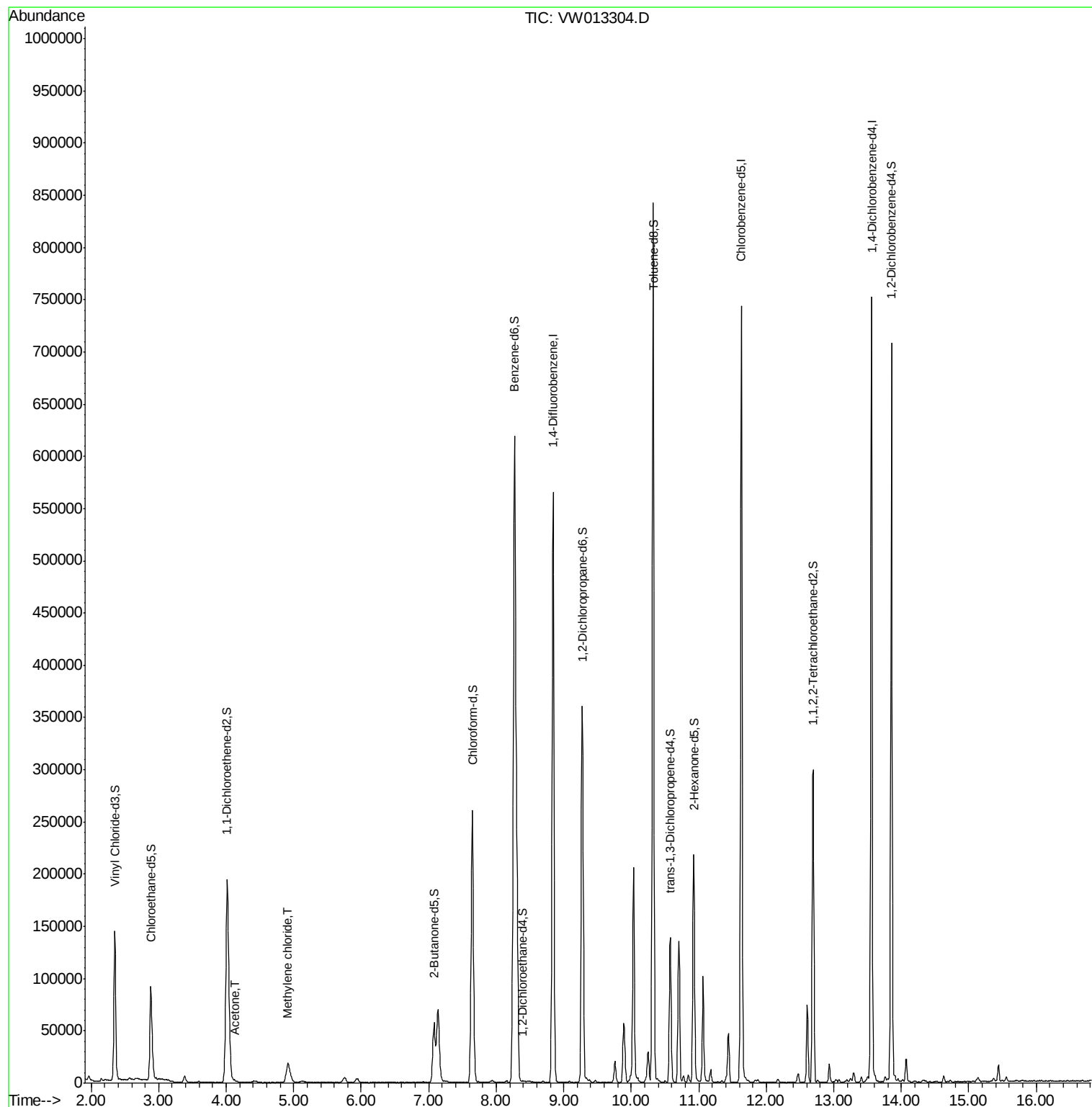
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.13 | 43 | 3138  | 1.855 ug/L | 81     |
| 16) Methylene chloride | 4.92 | 84 | 15934 | 2.163 ug/L | 91     |

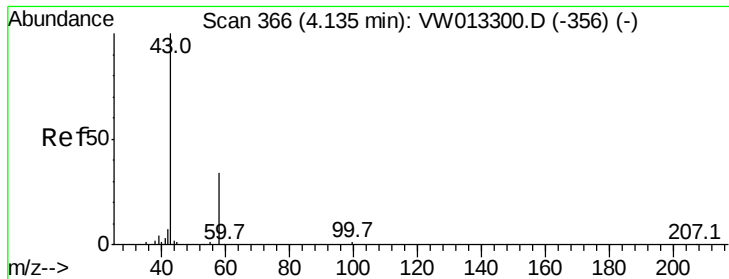
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Thu Sep 26 12:57:49 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 1.855 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013304.D

Acq: 26 Sep 2019 13:46

Instrument :

MSVOA\_W

ClientSampleId :

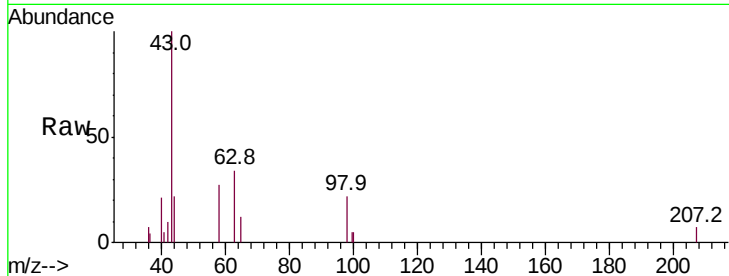
VBLK01

Tot Ion: 43 Resp: 3138

Ion Ratio Lower Upper

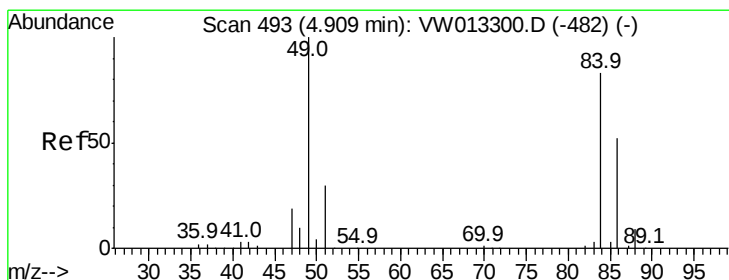
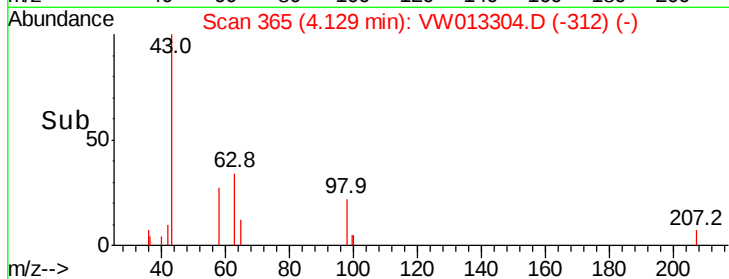
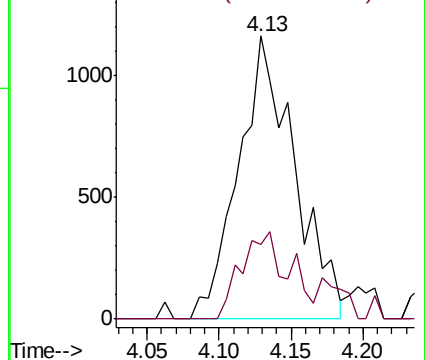
43 100

58 21.2 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.163 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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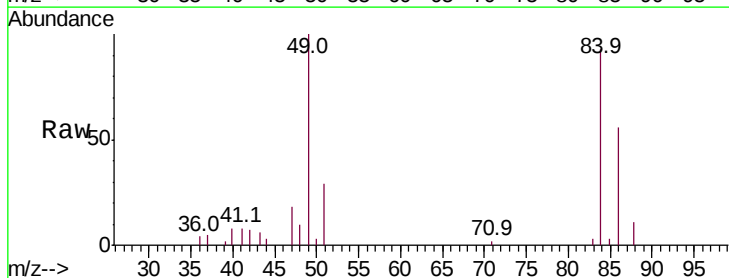
Tgt Ion: 84 Resp: 15934

Ion Ratio Lower Upper

84 100

49 107.0 84.8 157.4

86 60.3 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

