

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW122818\  
 Data File : VW007995.D  
 Acq On : 28 Dec 2018 09:27  
 Operator : SY/AP  
 Sample : VW1228SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK92

Quant Time: Dec 28 22:41:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122618S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 28 22:34:20 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 92698    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 86932    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 42024    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 22703    | 24.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 99.40%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 16537    | 26.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 107.48% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 44603    | 18.03    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 72.12%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 18325    | 47.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 94.08%  |
| 24) Chloroform-d               | 7.65   | 84    | 59692    | 24.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 96.80%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 36888    | 24.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 99.80%  |
| 29) Benzene-d6                 | 8.27   | 84    | 114747   | 23.54    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 94.16%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 30127    | 22.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 90.88%  |
| 37) Toluene-d8                 | 10.32  | 98    | 106669   | 22.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 89.84%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 17055    | 22.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 89.60%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 14550    | 42.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.78%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 29453    | 23.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 92.32%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 40702    | 23.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 95.92%  |

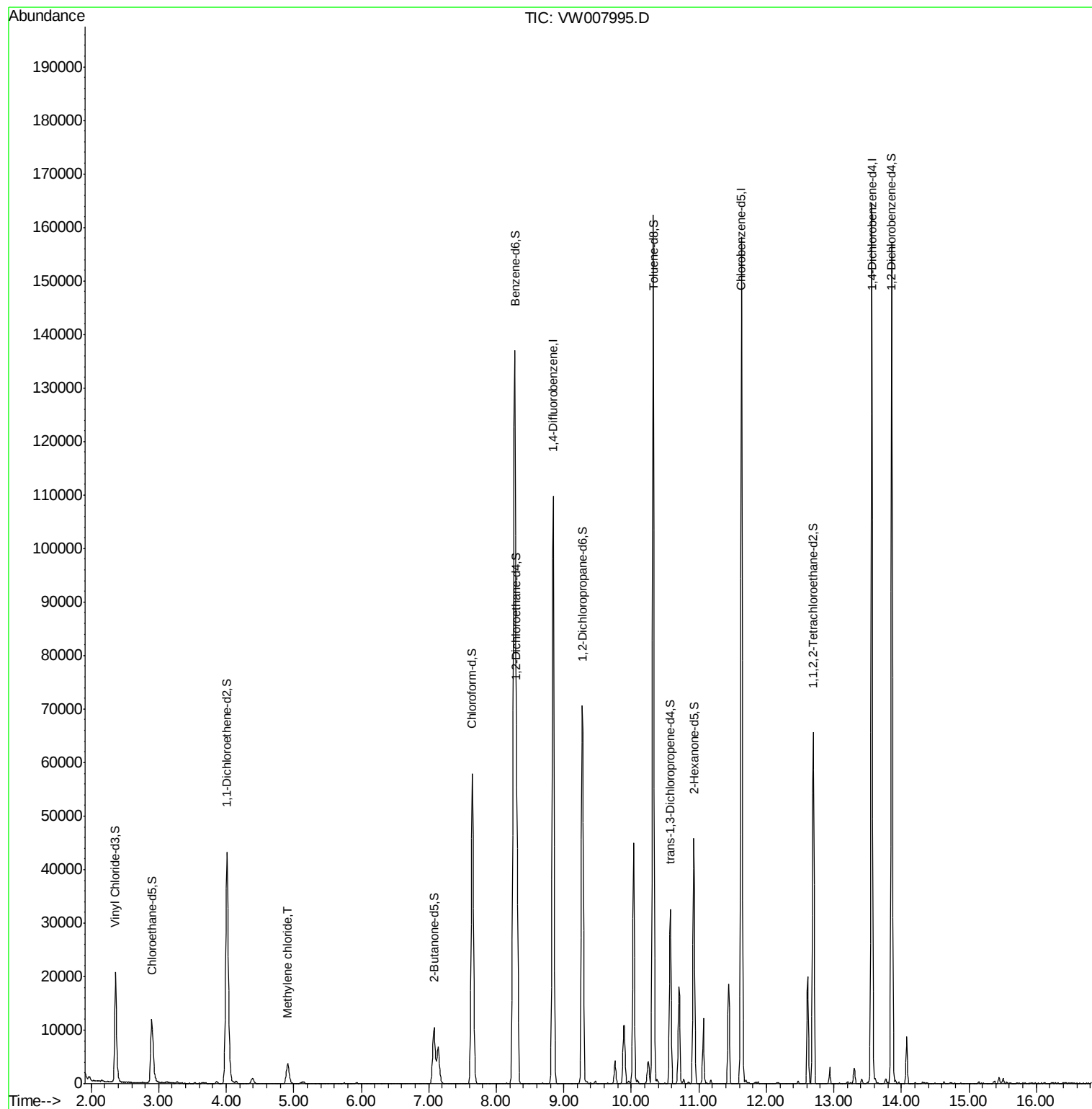
| Target Compounds       |      |    |      |            | Qvalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 3202 | 2.135 ug/L | 93     |

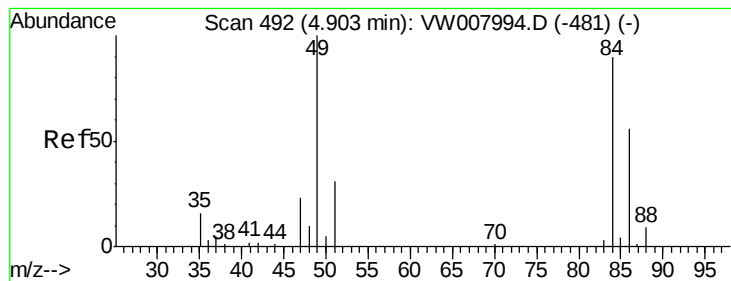
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :  
VBLK92

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#16

Methylene chloride

Concen: 2.135 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007995.D

Acq: 28 Dec 2018 09:27

Instrument :

MSVOA\_W

ClientSampleId :

VBLK92

Tgt Ion: 84 Resp: 3202

Ion Ratio Lower Upper

84 100

49 103.3 79.2 147.0

86 59.6 43.2 80.2

