

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\  
 Data File : VW007973.D  
 Acq On : 27 Dec 2018 16:56  
 Operator : SY/AP  
 Sample : VW1227SBL04  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK91

Quant Time: Dec 28 06:05:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122618S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 28 05:56:01 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 92546    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 82749    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 40288    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 21917    | 24.03    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.12% |
| 7) Chloroethane-d5             | 2.89   | 69    | 14917    | 24.28    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.12% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 41444    | 16.79    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 67.16% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 19051    | 48.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.96% |
| 24) Chloroform-d               | 7.65   | 84    | 53551    | 21.75    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 87.00% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 33609    | 22.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 91.08% |
| 29) Benzene-d6                 | 8.27   | 84    | 104296   | 22.47    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 89.88% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 28972    | 22.95    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 91.80% |
| 37) Toluene-d8                 | 10.32  | 98    | 100231   | 22.17    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 88.68% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 15316    | 21.13    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.52% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 15302    | 47.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 94.78% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 28221    | 23.23    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 92.92% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 36200    | 22.25    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 89.00% |

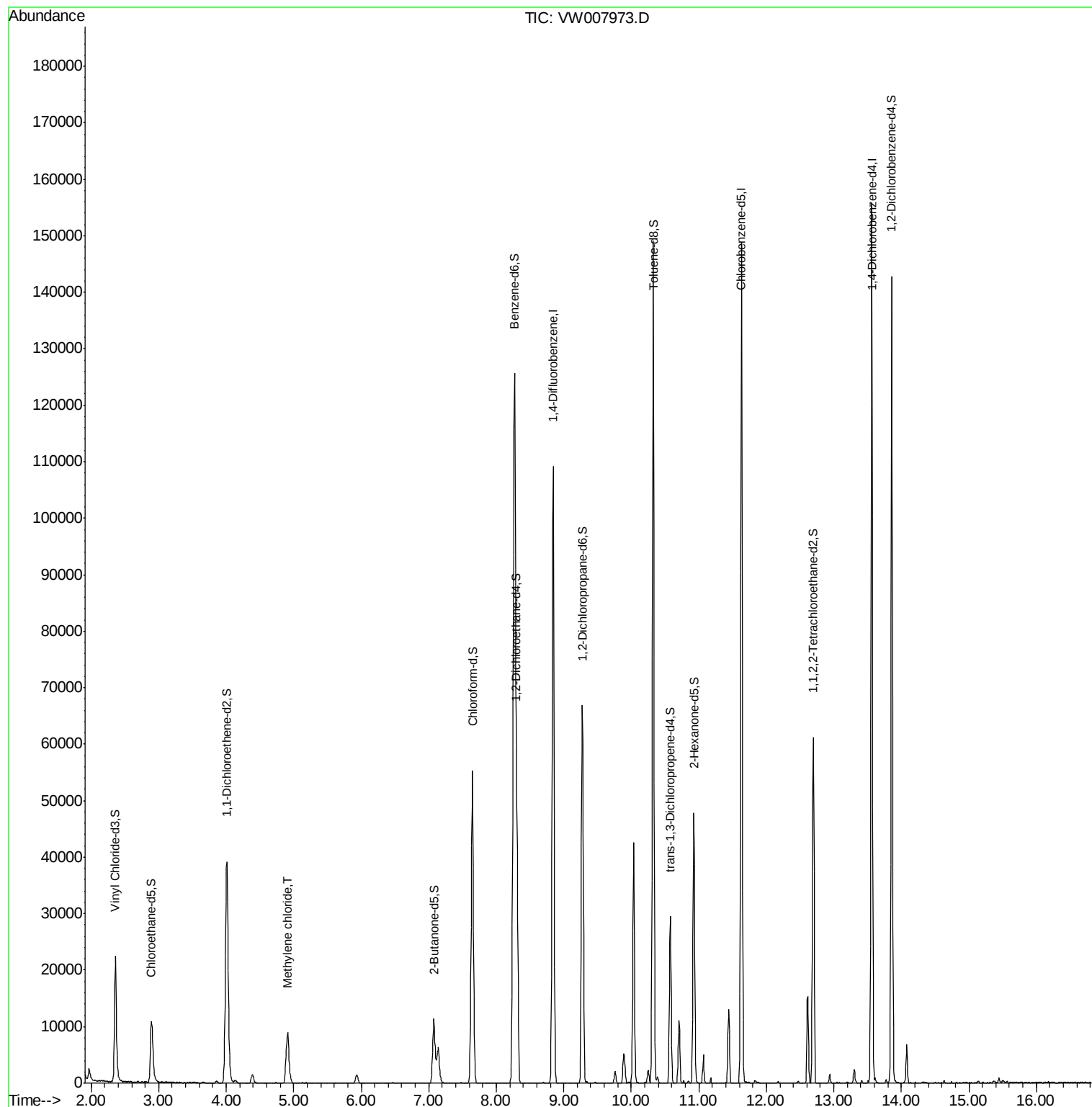
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 4.91 | 84 | 7153 | 4.777 ug/L | 98     |

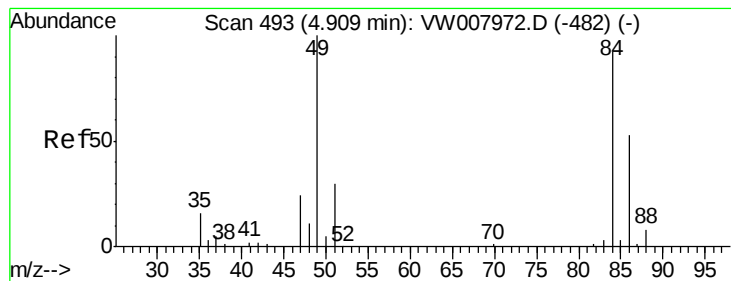
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
 Methvlene chloride  
 Concen: 4.777 ug/L  
 RT: 4.91 min Scan# 493  
 Delta R.T. -0.00 min  
 Lab File: VW007973.D  
 Acq: 27 Dec 2018 16:56

Instrument :  
 MSVOA\_W  
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Tot Ion: 84 Resp: 7153  
 Ion Ratio Lower Upper  
 84 100  
 49 116.5 79.2 147.0  
 86 61.7 43.2 80.2

