

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\  
 Data File : VW009364.D  
 Acq On : 23 Mar 2019 00:43  
 Operator : SY/VA  
 Sample : K2031-04  
 Misc : 6.48G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF5T9

Quant Time: Mar 23 02:07:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 23 01:25:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 85932    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 78670    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 29383    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 26898    | 26.19    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 104.76% |
| 7) Chloroethane-d5             | 2.89   | 69    | 26558    | 22.10    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 88.40%  |
| 10) 1,1-Dichloroethene-d2      | 4.00   | 63    | 38176    | 17.20    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 68.80%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 22214    | 52.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 104.62% |
| 24) Chloroform-d               | 7.65   | 84    | 59343    | 25.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 101.24% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 37911    | 26.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 107.36% |
| 29) Benzene-d6                 | 8.27   | 84    | 106009   | 24.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 97.72%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 35278    | 27.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 108.28% |
| 37) Toluene-d8                 | 10.32  | 98    | 83531    | 20.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 83.28%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 14486    | 22.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 88.52%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 13382    | 42.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.80%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 34609    | 26.97    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 107.88% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 28374    | 25.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 100.72% |

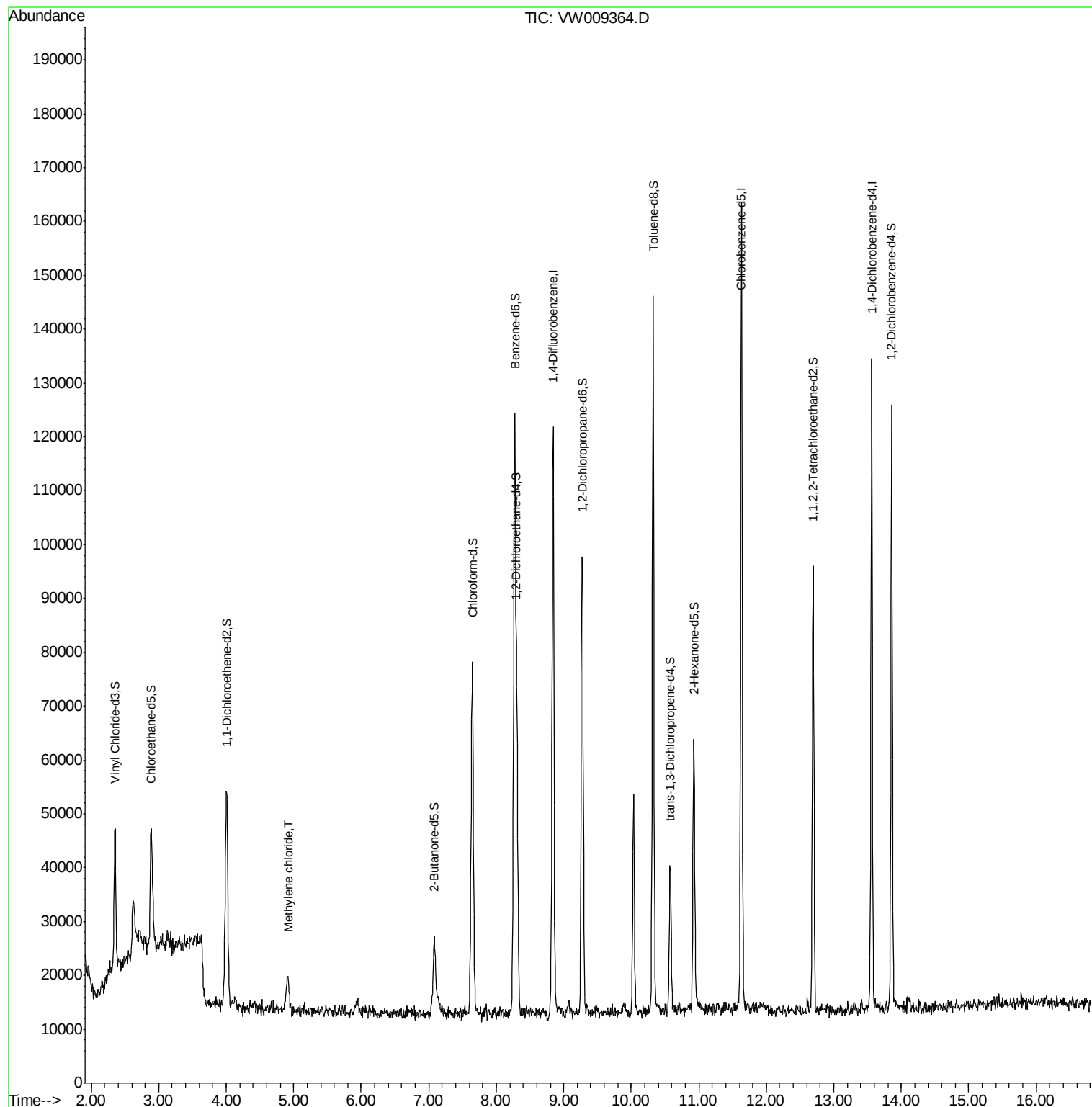
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 4.91 | 84 | 4570 | 3.647 ug/L | 79     |

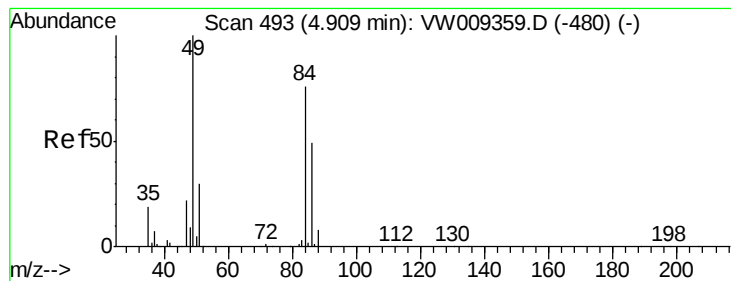
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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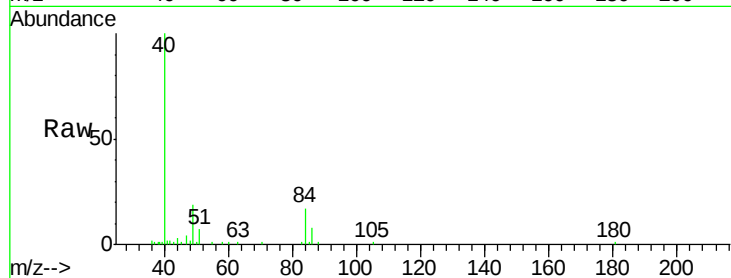




#16  
 Methvlene chloride  
 Concen: 3.647 ug/L  
 RT: 4.91 min Scan# 493  
 Delta R.T. 0.00 min  
 Lab File: VW009364.D  
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Tot Ion: 84 Resp: 4570  
 Ion Ratio Lower Upper  
 84 100  
 49 110.1 96.0 178.2  
 86 48.9 44.4 82.5



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

