

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\  
 Data File : VW016001.D  
 Acq On : 30 Jul 2020 10:59  
 Operator : SY/VA  
 Sample : VIBLK20  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK20

Quant Time: Jul 31 06:47:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 31 06:34:21 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 433143   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 392163   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 174344   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 103405   | 16.92    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 67.68% |
| 7) Chloroethane-d5             | 2.90   | 69    | 99550    | 20.05    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.20% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 182936   | 14.80    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 59.20% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 70620    | 43.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.98% |
| 24) Chloroform-d               | 7.65   | 84    | 266157   | 21.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 87.52% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 142122   | 21.28    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 85.12% |
| 29) Benzene-d6                 | 8.27   | 84    | 535336   | 22.43    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 89.72% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 165464   | 23.12    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 92.48% |
| 37) Toluene-d8                 | 10.33  | 98    | 465929   | 21.55    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 86.20% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 59770    | 19.60    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 78.40% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 51247    | 43.01    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 86.02% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 124584   | 22.65    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 90.60% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 152852   | 22.48    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 89.92% |

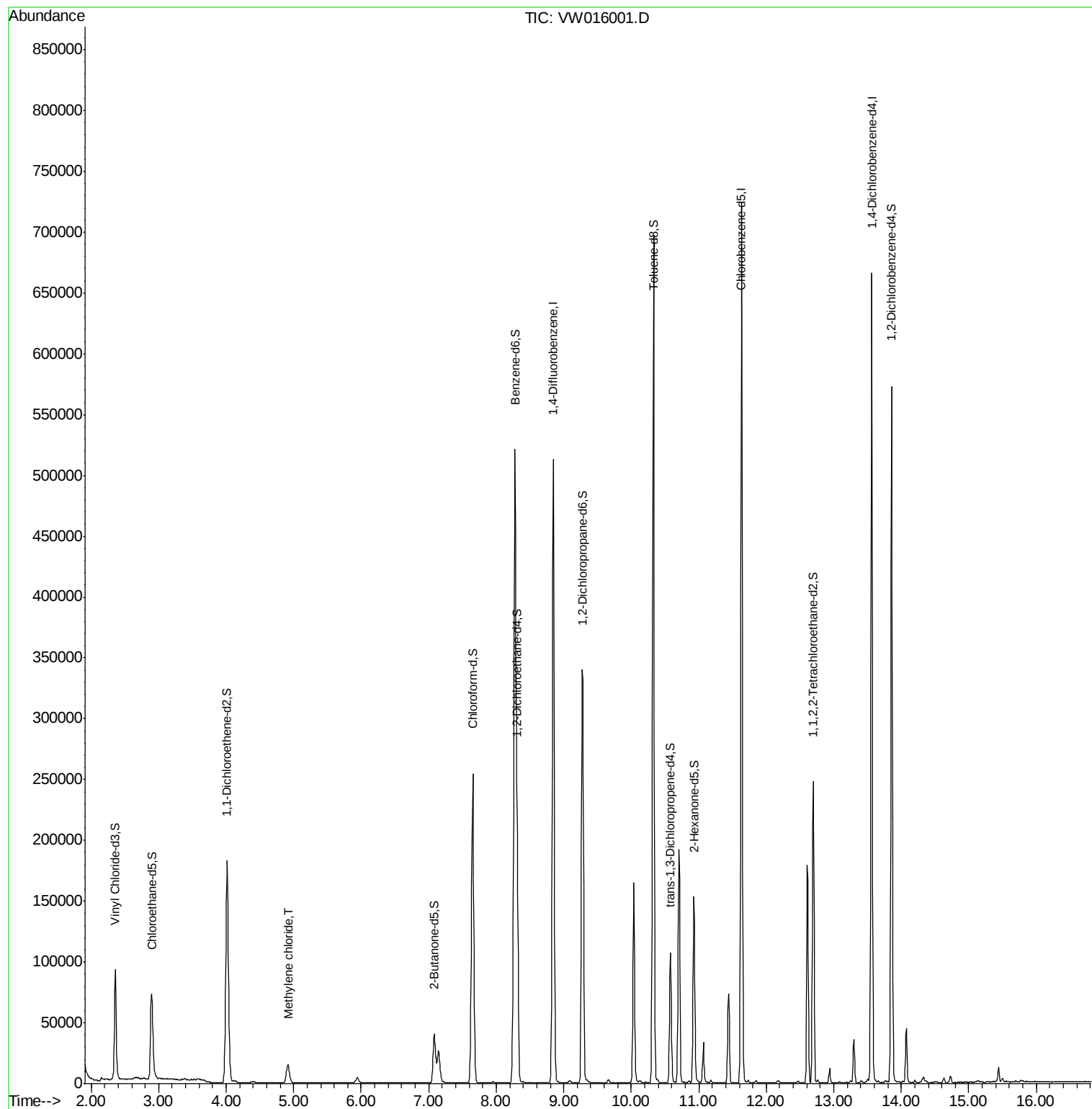
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 12149 | 1.712 ug/L | 90     |

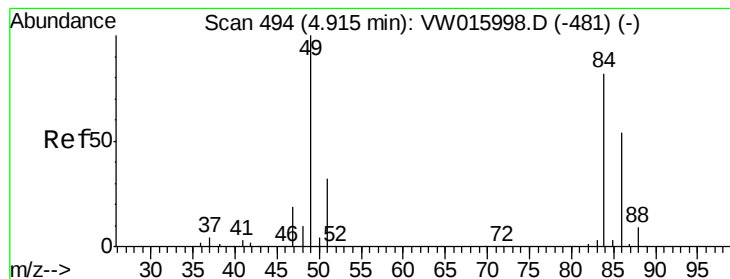
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Jul 31 06:34:21 2020  
Response via : Initial Calibration





#16  
 Methvlene chloride  
 Concen: 1.712 ug/L  
 RT: 4.92 min Scan# 494  
 Delta R.T. 0.00 min  
 Lab File: VW016001.D  
 Acq: 30 Jul 2020 10:59

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Tot Ion: 84 Resp: 12149  
 Ion Ratio Lower Upper  
 84 100  
 49 115.5 91.1 169.1  
 86 68.6 46.0 85.4

