

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\  
 Data File : VW017584.D  
 Acq On : 07 Dec 2020 17:17  
 Operator : SY/VA  
 Sample : VIBLK22  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK22

Quant Time: Dec 20 05:01:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM112420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sun Dec 20 03:53:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 322829   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 301215   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 151236   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 104426   | 24.59    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 98.36%   |
| 7) Chloroethane-d5             | 2.90   | 69    | 84919    | 23.70    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 94.80%   |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 171633   | 18.15    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 72.60%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 59225    | 66.13    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 132.26%  |
| 24) Chloroform-d               | 7.65   | 84    | 235608   | 25.69    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 102.76%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 128903   | 28.65    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 114.60%  |
| 29) Benzene-d6                 | 8.28   | 84    | 449388   | 24.26    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 97.04%   |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 131944   | 25.74    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 102.96%  |
| 37) Toluene-d8                 | 10.33  | 98    | 405810   | 24.06    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 96.24%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 56831    | 24.81    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 99.24%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 37302    | 58.80    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 117.60%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 111201   | 30.15    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 120.60%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 146941   | 26.24    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 104.96%  |

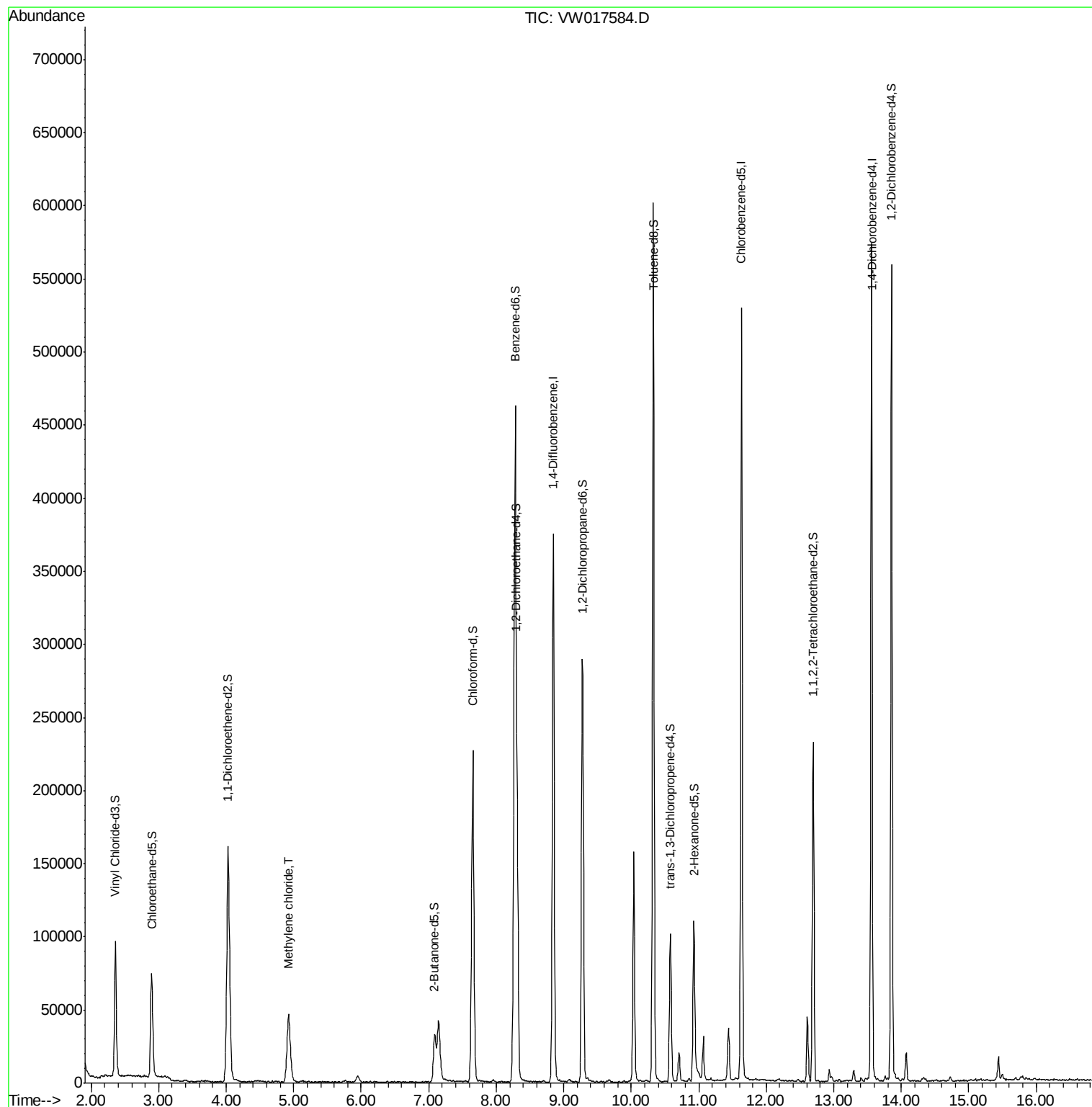
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.93 | 84 | 38120 | 7.865 ug/L | 99     |

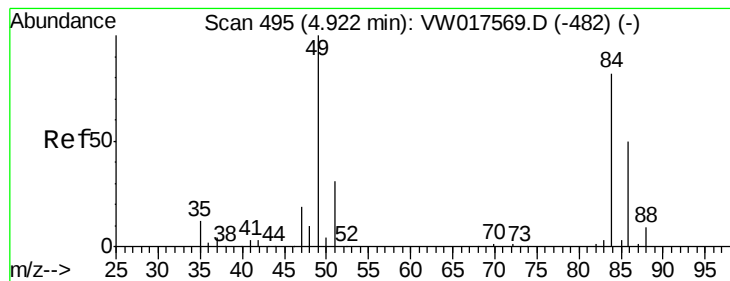
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Dec 20 03:53:49 2020  
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#16  
 Methvlene chloride  
 Concen: 7.865 ug/L  
 RT: 4.93 min Scan# 496  
 Delta R.T. 0.01 min  
 Lab File: VW017584.D  
 Acq: 07 Dec 2020 17:17

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK22

Tot Ion: 84 Resp: 38120  
 Ion Ratio Lower Upper  
 84 100  
 49 117.2 81.2 150.8  
 86 62.4 44.5 82.7

