

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW113020\  
 Data File : VW017511.D  
 Acq On : 30 Nov 2020 11:20  
 Operator : SY/VA  
 Sample : L4861-13  
 Misc : 5.04G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK02

Quant Time: Nov 30 12:47:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM112420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Nov 30 12:31:54 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 447947   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 401327   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 206908   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 140385   | 23.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 95.28%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 109846   | 22.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 88.36%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 237055   | 18.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 72.28%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 56540    | 45.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 91.00%  |
| 24) Chloroform-d               | 7.65   | 84    | 307137   | 24.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 96.52%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 153533   | 24.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 98.36%  |
| 29) Benzene-d6                 | 8.27   | 84    | 613164   | 24.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 99.40%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 171348   | 25.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 100.36% |
| 37) Toluene-d8                 | 10.32  | 98    | 568216   | 25.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 101.12% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 74059    | 24.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 97.08%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 38423    | 45.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.92%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 115778   | 23.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 94.24%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 202334   | 26.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 105.64% |

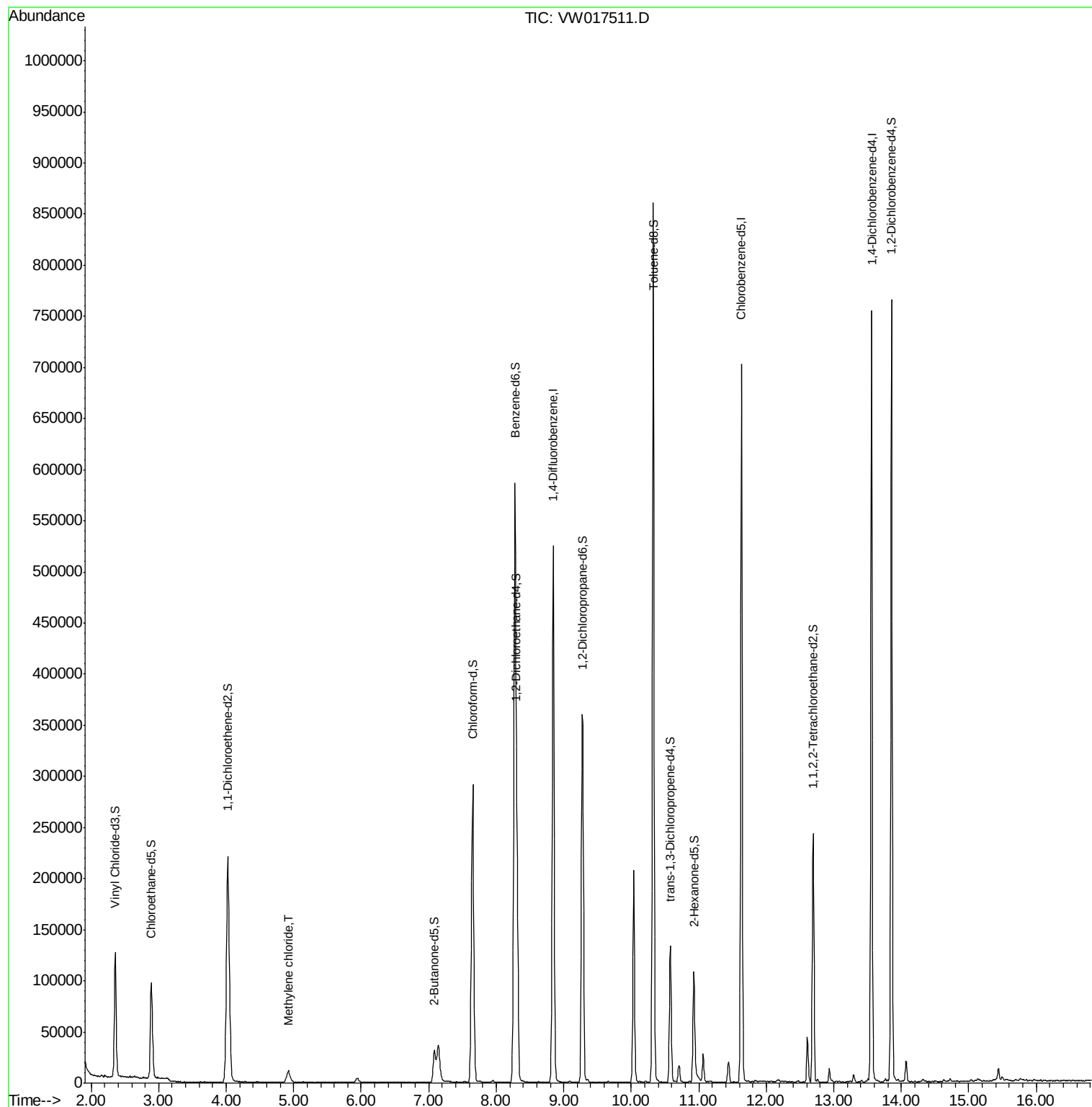
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 9428 | 1.402 ug/L | 93     |

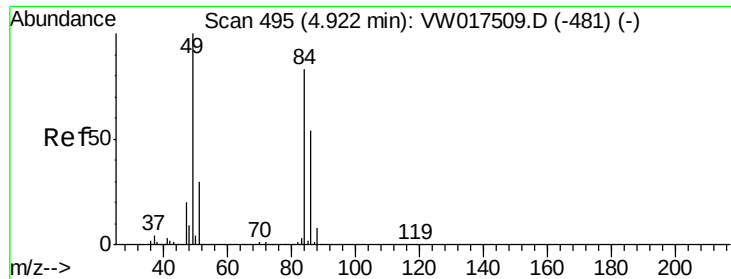
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 30 12:31:54 2020  
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#16  
 Methylene chloride  
 Concen: 1.402 ug/L  
 RT: 4.92 min Scan# 495  
 Delta R.T. 0.00 min  
 Lab File: VW017511.D  
 Acq: 30 Nov 2020 11:20

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Tot Ion: 84 Resp: 9428  
 Ion Ratio Lower Upper  
 84 100  
 49 104.3 81.2 150.8  
 86 62.7 44.5 82.7

