

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022119\  
 Data File : VV009316.D  
 Acq On : 21 Feb 2019 11:06  
 Operator : SY/MD  
 Sample : VV0221SBL01  
 Misc : 5.00G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK80

Quant Time: Feb 22 05:35:21 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 22 04:53:11 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 121755   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 110844   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 53139    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 37996    | 23.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.84%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 46706    | 24.37    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.48%  |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 74240    | 18.64    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 74.56%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 30888    | 54.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 108.96% |
| 24) Chloroform-d               | 4.40   | 84    | 63478    | 22.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 36614    | 23.88    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 95.52%  |
| 29) Benzene-d6                 | 5.10   | 84    | 138558   | 24.93    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 99.72%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 41596    | 25.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 101.68% |
| 37) Toluene-d8                 | 7.36   | 98    | 132527   | 25.05    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 100.20% |
| 38) trans-1,3-Dichloropropene- | 7.67   | 79    | 19471    | 23.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 92.68%  |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 26091    | 57.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 114.66% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 46392    | 25.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 103.76% |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 49042    | 25.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 100.52% |

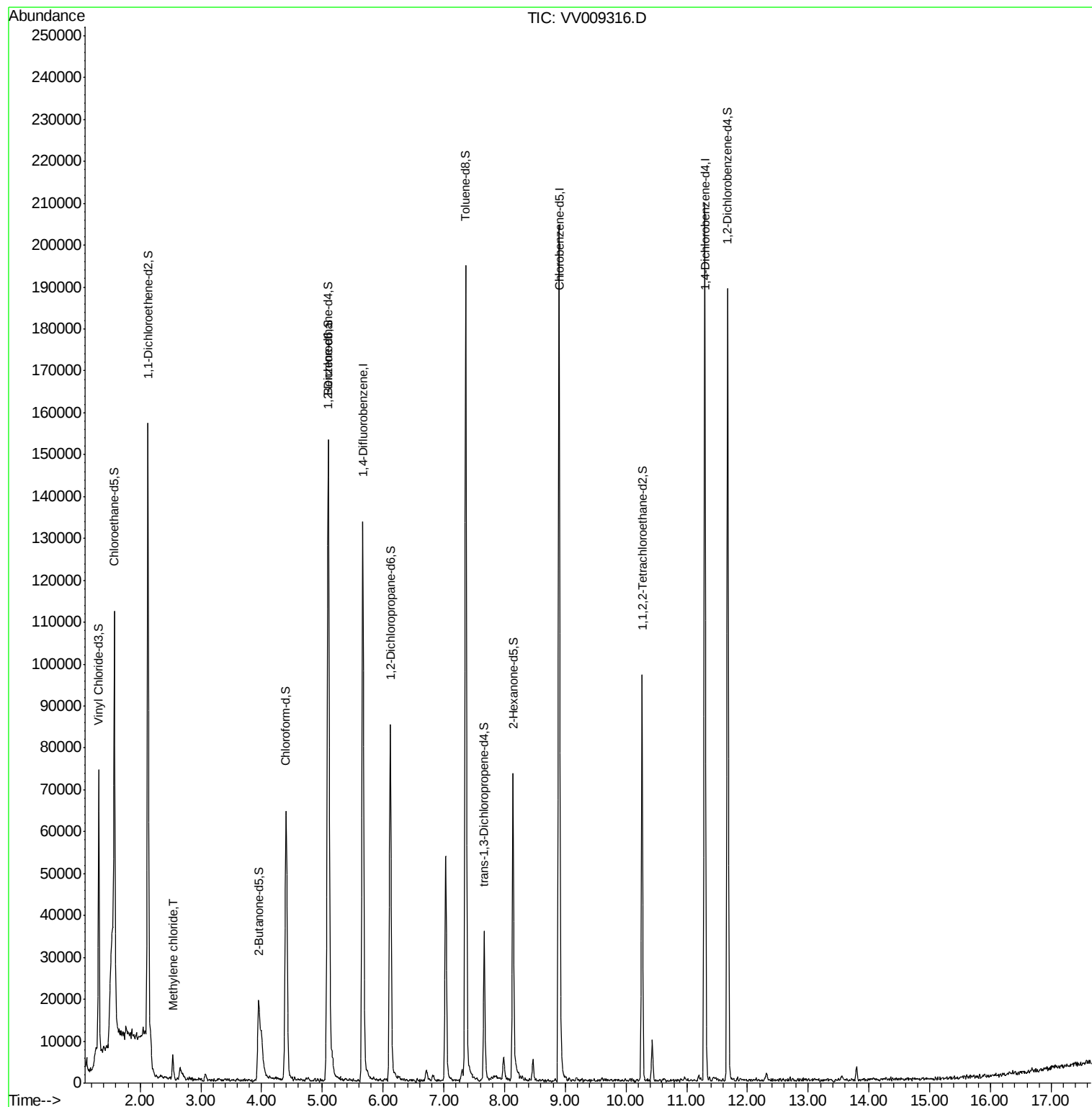
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 2.53 | 84 | 2426 | 1.317 ug/L | 91     |

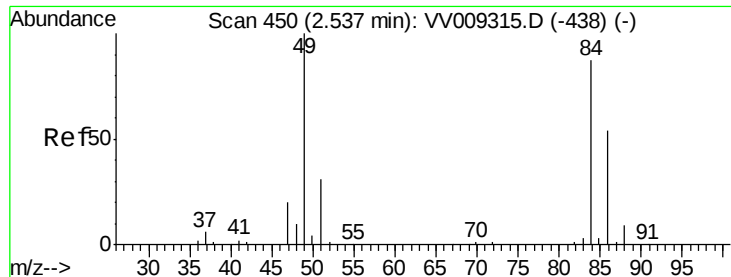
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 22 04:53:11 2019  
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#16  
 Methvlene chloride  
 Concen: 1.317 ug/L  
 RT: 2.53 min Scan# 449  
 Delta R.T. -0.00 min  
 Lab File: VV009316.D  
 Acq: 21 Feb 2019 11:06

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Tot Ion: 84 Resp: 2426  
 Ion Ratio Lower Upper  
 84 100  
 49 107.4 78.7 146.1  
 86 50.4 44.0 81.6

