

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV031119\  
 Data File : VV009591.D  
 Acq On : 11 Mar 2019 13:36  
 Operator : SY/MD  
 Sample : VIBLK79  
 Misc : 5.00G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK79

Quant Time: Mar 12 04:07:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Mar 11 12:01:50 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 120922   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 110432   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 44956    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 27046    | 18.58    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 74.32%  |
| 7) Chloroethane-d5             | 1.56   | 69    | 28513    | 13.54    | ug/L | -0.02   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 54.16%  |
| 10) 1,1-Dichloroethene-d2      | 2.12   | 63    | 57497    | 15.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 60.72%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 30229    | 60.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 121.88% |
| 24) Chloroform-d               | 4.40   | 84    | 51235    | 17.79    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 71.16%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 35510    | 21.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 86.68%  |
| 29) Benzene-d6                 | 5.10   | 84    | 115310   | 21.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 84.32%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 34650    | 21.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 85.88%  |
| 37) Toluene-d8                 | 7.36   | 98    | 108664   | 20.38    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 81.52%  |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 14729    | 18.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 75.32%  |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 21344    | 56.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 113.32% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 39246    | 22.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 91.28%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 35084    | 21.38    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 85.52%  |

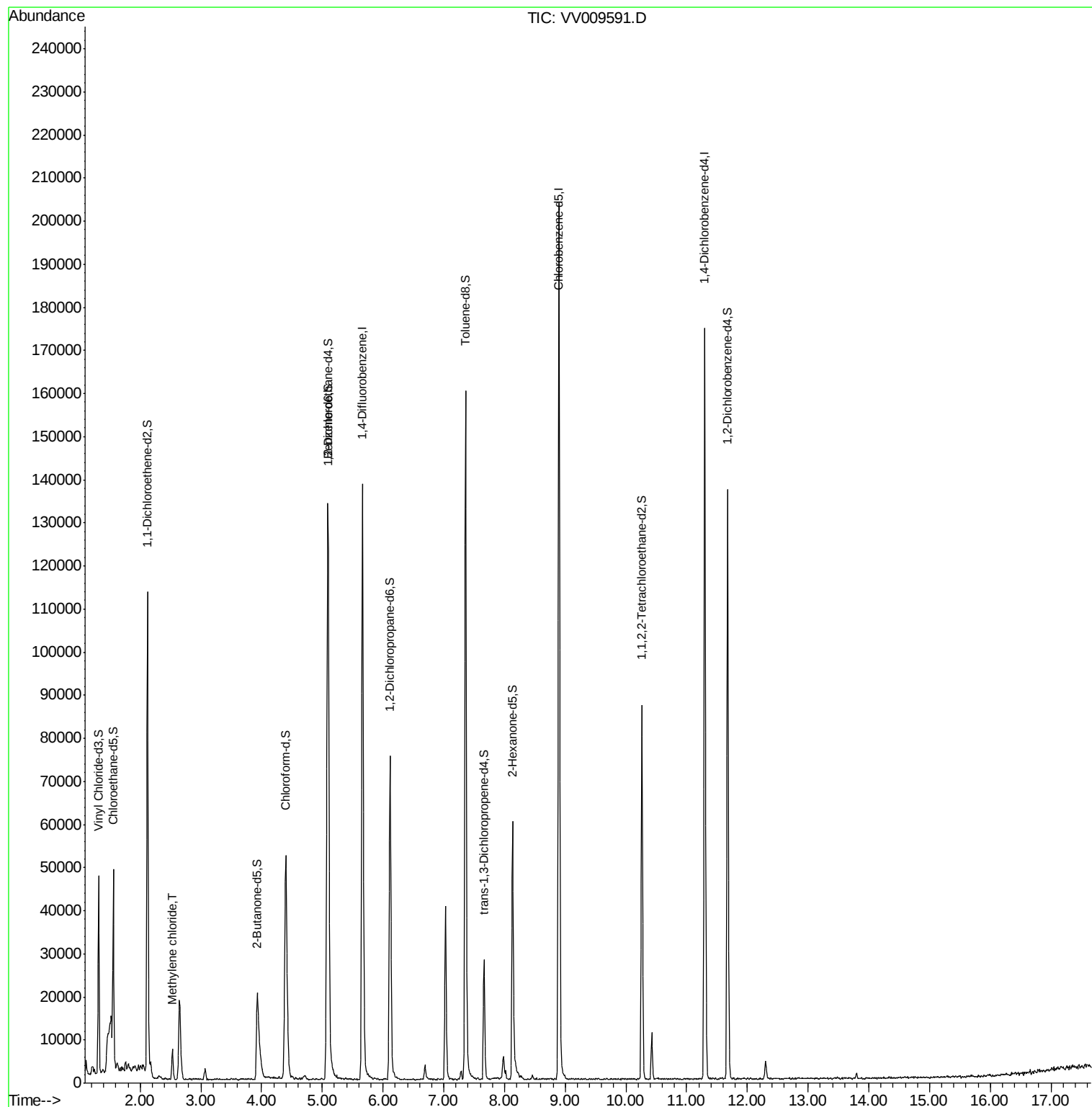
| Target Compounds       |      |    |      |            | Qvalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 2.53 | 84 | 2810 | 1.771 ug/L | 93     |

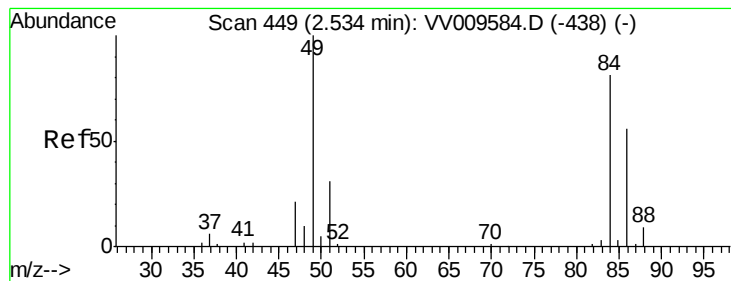
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
Methylene chloride  
Concen: 1.771 ug/L  
RT: 2.53 min Scan# 448  
Delta R.T. -0.00 min  
Lab File: VV009591.D  
Acq: 11 Mar 2019 13:36

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tgt Ion: 84 Resp: 2810  
Ion Ratio Lower Upper  
84 100  
49 129.7 84.6 157.0  
86 61.7 46.1 85.7

