

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031419\  
 Data File : VV009667.D  
 Acq On : 14 Mar 2019 15:53  
 Operator : SY/MD  
 Sample : K1885-04  
 Misc : 4.98G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF188

Quant Time: Mar 15 05:29:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM031319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 15 04:30:02 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 138471   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 133299   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 58319    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 43231    | 24.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.68%  |
| 7) Chloroethane-d5             | 1.56   | 69    | 43454    | 19.89    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 79.56%  |
| 10) 1,1-Dichloroethene-d2      | 2.12   | 63    | 90433    | 18.89    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 75.56%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 24304    | 52.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 104.80% |
| 24) Chloroform-d               | 4.40   | 84    | 81121    | 22.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.92%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 52595    | 26.33    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 105.32% |
| 29) Benzene-d6                 | 5.10   | 84    | 181599   | 25.97    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 103.88% |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 54219    | 26.54    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 106.16% |
| 37) Toluene-d8                 | 7.36   | 98    | 173239   | 25.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 102.44% |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 22318    | 23.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 95.08%  |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 18267    | 48.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.10%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 48852    | 25.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 101.00% |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 55016    | 24.35    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.40%  |

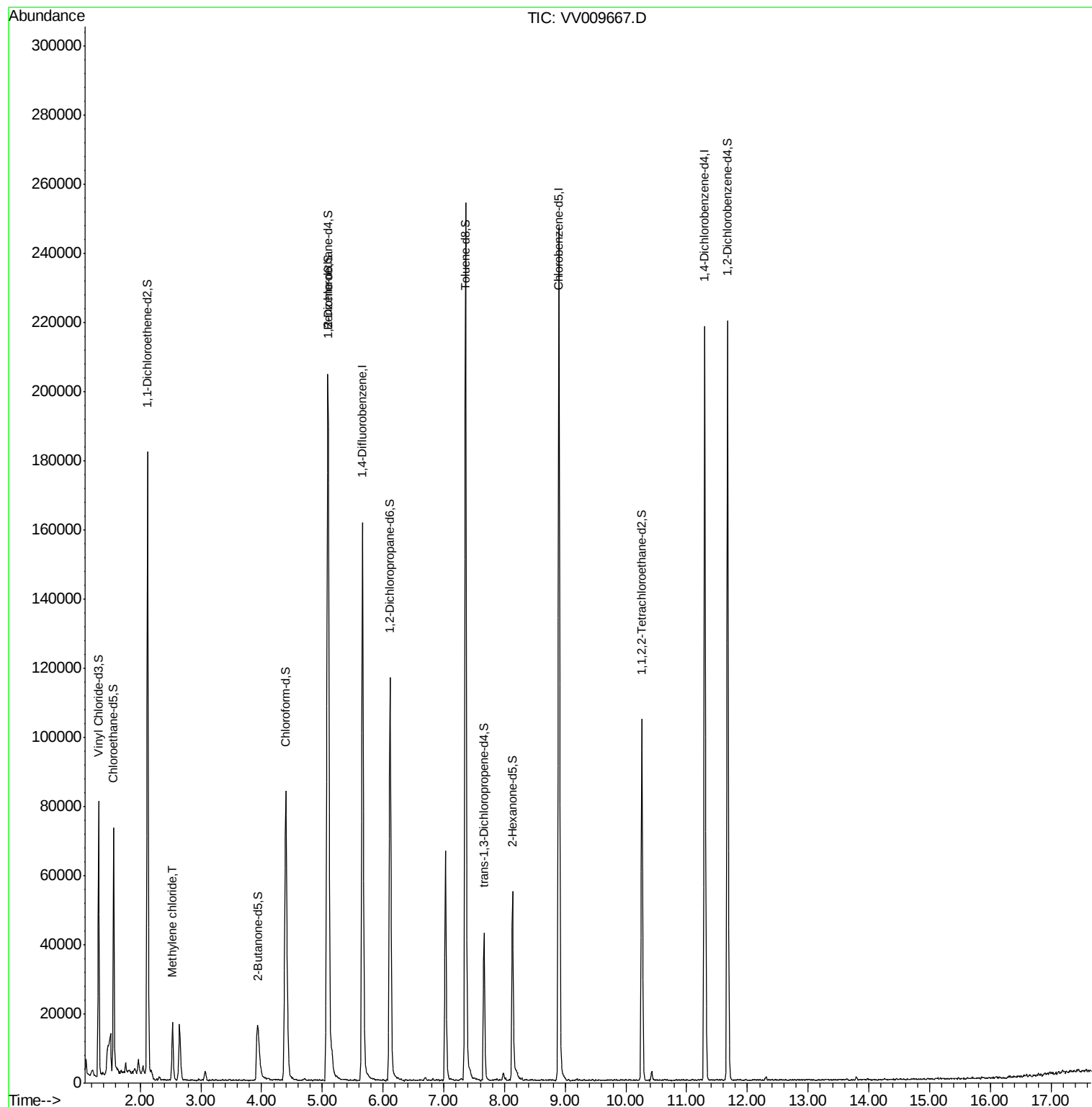
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 2.53 | 84 | 6655 | 3.301 ug/L | 91     |

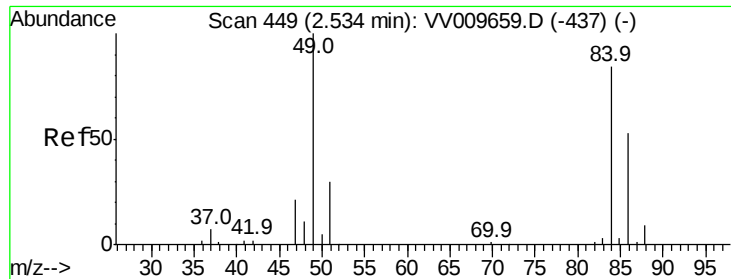
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 15 04:30:02 2019  
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#16  
Methvlene chloride  
Concen: 3.301 ug/L  
RT: 2.53 min Scan# 448  
Delta R.T. -0.00 min  
Lab File: VV009667.D  
Acq: 14 Mar 2019 15:53

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Tot Ion: 84 Resp: 6655  
Ion Ratio Lower Upper  
84 100  
49 129.0 86.1 159.9  
86 76.2 45.2 84.0

