

Data File : VV013466.D  
Acq On : 01 Nov 2019 13:59  
Operator : SY/MD  
Sample : VV1101SBL01  
Misc : 5.00G/10.0ML/MSVOA\_V/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK78

Quant Time: Nov 02 03:12:33 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM110119S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Nov 02 03:55:22 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 726654   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 686244   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 339809   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 255855   | 25.01    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 100.04% |
| 7) Chloroethane-d5             | 1.58   | 69    | 192422   | 25.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 103.08% |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 327867   | 18.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 73.72%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 205174   | 42.75    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.50%  |
| 24) Chloroform-d               | 4.40   | 84    | 460012   | 22.35    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 284500   | 24.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 96.60%  |
| 29) Benzene-d6                 | 5.09   | 84    | 990861   | 24.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 98.36%  |
| 33) 1,2-Dichloropropane-d6     | 6.11   | 67    | 301941   | 24.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 98.24%  |
| 37) Toluene-d8                 | 7.36   | 98    | 874786   | 24.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 96.92%  |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 124020   | 23.21    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 92.84%  |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 119144   | 45.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.64%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 256273   | 22.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 91.00%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 330778   | 24.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 99.64%  |

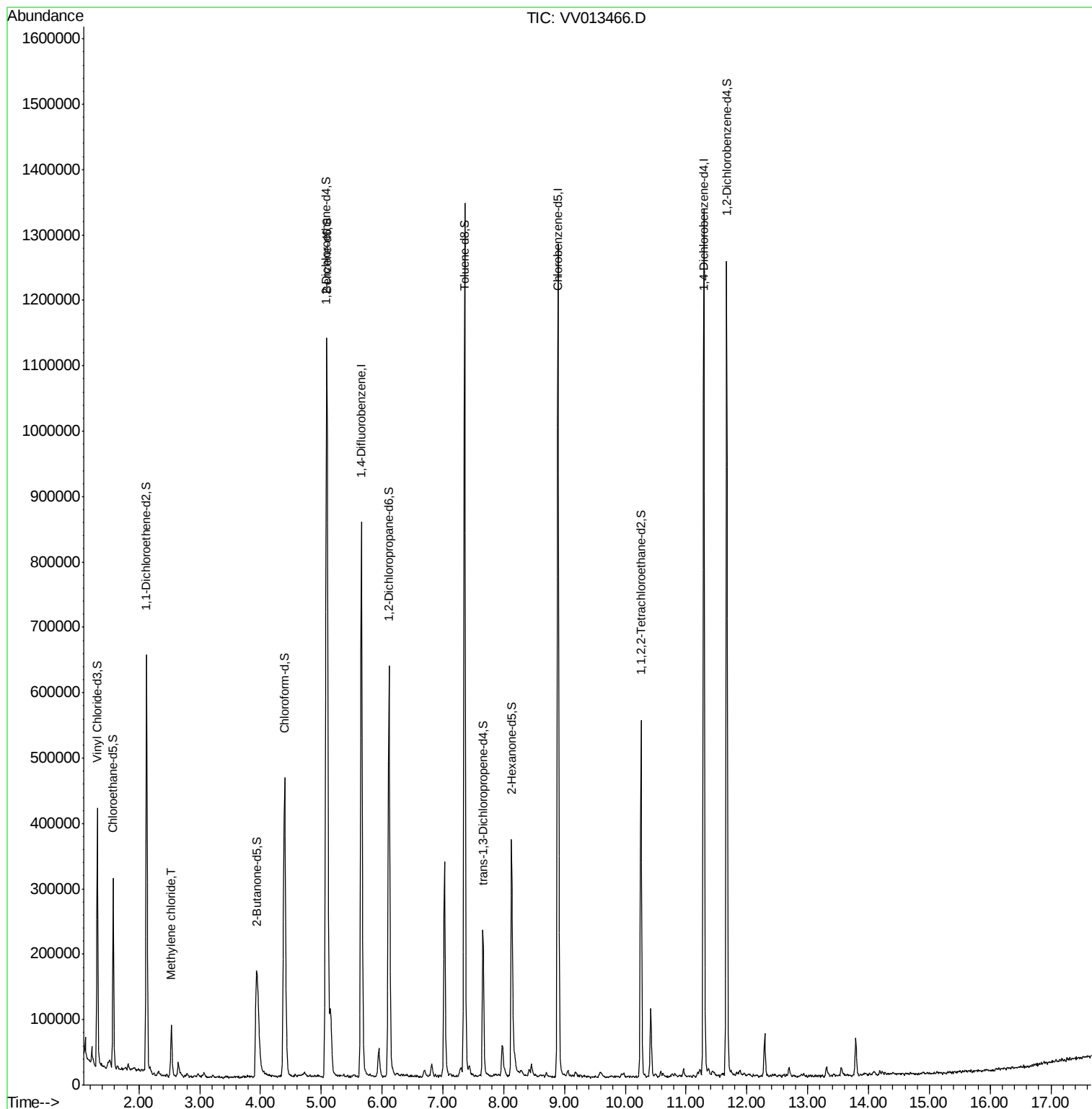
| Target Compounds       |      |    |       |            | Qvalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 2.53 | 84 | 30373 | 2.246 ug/L | 98     |

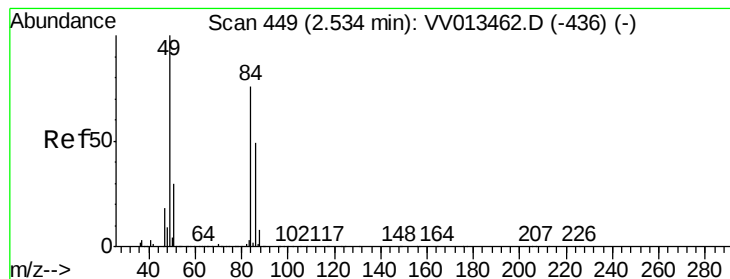
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.246 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV013466.D

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Tgt Ion: 84 Resp: 30373

Ion Ratio Lower Upper

84 100

49 129.6 92.4 171.6

86 65.3 45.1 83.7

