

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV022219\  
 Data File : VV009329.D  
 Acq On : 22 Feb 2019 15:04  
 Operator : SY/MD  
 Sample : VV0222SBL01  
 Misc : 5.00G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK61

Quant Time: Feb 23 00:44:48 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 23 00:37:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 130983   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 123573   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 58079    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 42774    | 24.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 98.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 61536    | 29.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 119.40% |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 85062    | 19.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 79.40%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 22342    | 36.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 73.26%  |
| 24) Chloroform-d               | 4.40   | 84    | 68175    | 22.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.64%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 37070    | 22.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 89.92%  |
| 29) Benzene-d6                 | 5.10   | 84    | 146902   | 23.70    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 94.80%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 44575    | 24.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 97.76%  |
| 37) Toluene-d8                 | 7.36   | 98    | 138026   | 23.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.60%  |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 19585    | 20.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 83.64%  |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 20174    | 39.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 79.54%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 42661    | 21.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 85.56%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 49752    | 23.32    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 93.28%  |

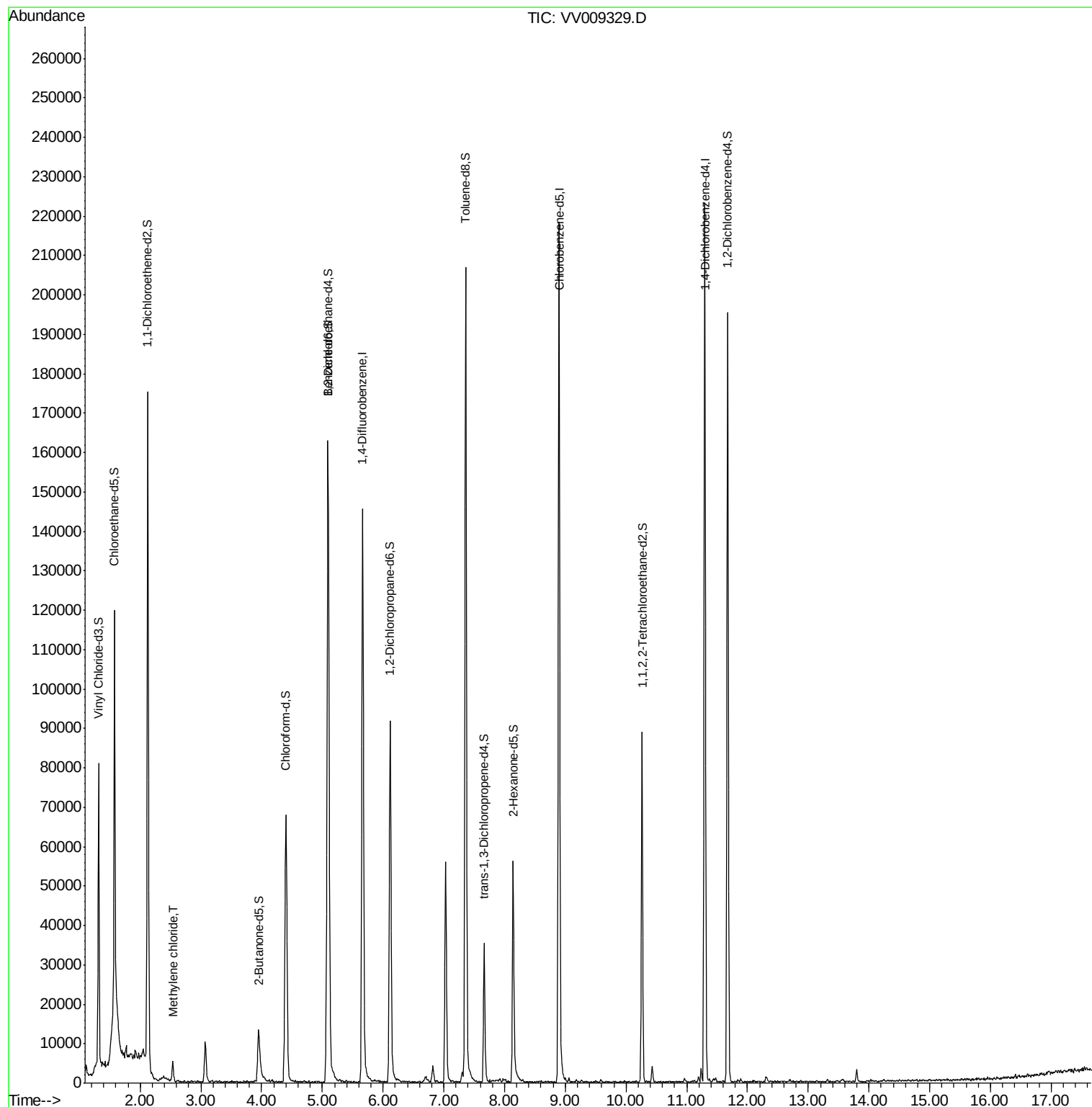
| Target Compounds       |      |    |      |            | Qvalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 2.53 | 84 | 2111 | 1.065 ug/L | 94     |

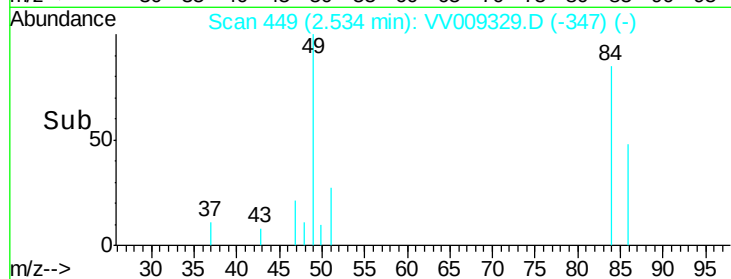
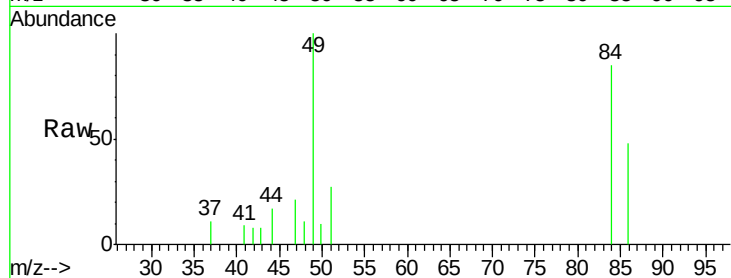
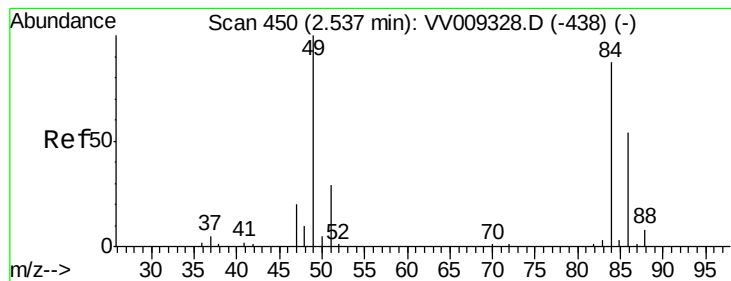
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.065 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009329.D

Acq: 22 Feb 2019 15:04

Instrument :

MSVOA\_V

ClientSampleId :

VBLK61

Tgt Ion: 84 Resp: 2111

Ion Ratio Lower Upper

84 100

49 117.3 78.7 146.1

86 56.7 44.0 81.6

