

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV121918\  
 Data File : VV009063.D  
 Acq On : 19 Dec 2018 22:19  
 Operator : SY/MD  
 Sample : J6471-03  
 Misc : 6.00G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9H12

Quant Time: Dec 20 04:00:52 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM120618S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 20 03:44:50 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 221203   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 197412   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 88978    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 47366    | 20.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.76%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 53674    | 31.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 126.96% |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 94235    | 16.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.88%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 34866    | 41.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.68%  |
| 24) Chloroform-d               | 4.40   | 84    | 135228   | 25.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 101.72% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 82534    | 28.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 113.76% |
| 29) Benzene-d6                 | 5.10   | 84    | 270161   | 24.50    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 98.00%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 83891    | 27.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 108.72% |
| 37) Toluene-d8                 | 7.36   | 98    | 243173   | 23.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 95.32%  |
| 38) trans-1,3-Dichloropropene- | 7.67   | 79    | 34804    | 25.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 102.64% |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 21192    | 37.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.96%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 56746    | 21.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 87.68%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 82378    | 24.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 98.68%  |

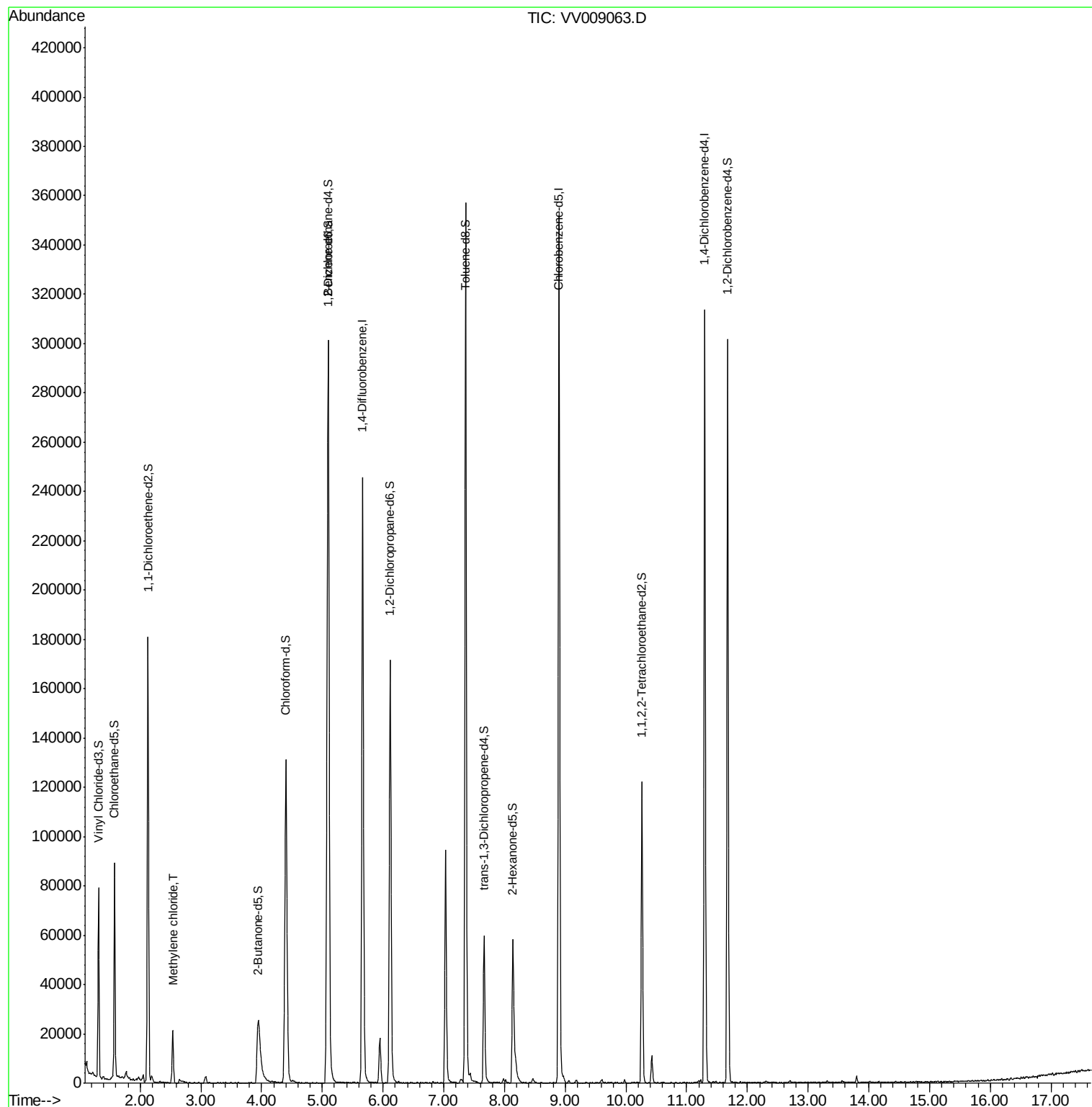
| Target Compounds       |      |    |      |            | Qvalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 2.54 | 84 | 8913 | 2.393 ug/L | 98     |

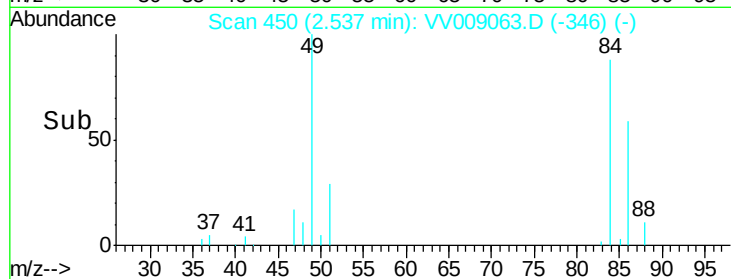
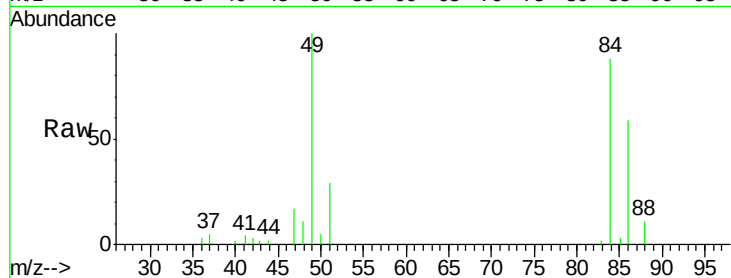
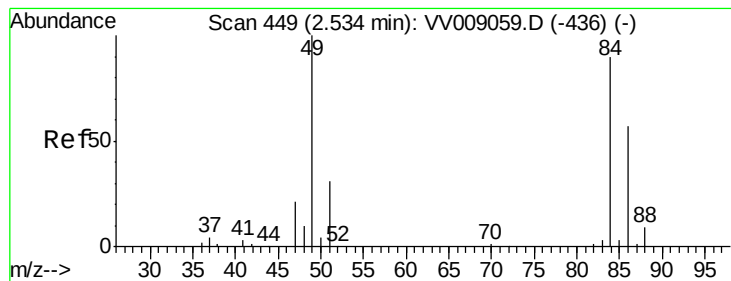
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.393 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009063.D

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Instrument :

MSVOA\_V

ClientSampleId :

F9H12

Tgt Ion: 84 Resp: 8913

Ion Ratio Lower Upper

84 100

49 113.3 80.5 149.5

86 67.2 45.5 84.5

