

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091518\  
 Data File : VW005384.D  
 Acq On : 14 Sep 2018 13:57  
 Operator : SY/AP  
 Sample : J4865-01RE  
 Misc : 5.25G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB3N1RE

Quant Time: Sep 14 23:30:32 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091318S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 14 23:16:09 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 258529   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.64 | 117  | 227358   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 80889    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 78322    | 26.25    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 105.00%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 62708    | 29.72    | ug/L | 0.01     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 118.88%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 106298   | 19.95    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 79.80%   |
| 20) 2-Butanone-d5              | 7.09   | 46    | 37623    | 33.48    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 66.96%   |
| 24) Chloroform-d               | 7.65   | 84    | 149047   | 30.91    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 123.64%  |
| 26) 1,2-Dichloroethane-d4      | 8.32   | 65    | 92051    | 29.85    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 119.40%  |
| 29) Benzene-d6                 | 8.28   | 84    | 288857   | 31.65    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 126.60%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 88803    | 34.08    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 136.32%# |
| 37) Toluene-d8                 | 10.33  | 98    | 272515   | 29.47    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 117.88%  |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 37336    | 28.64    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 114.56%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 29623    | 36.51    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 73.02%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 61197    | 22.46    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 89.84%   |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 68370    | 28.16    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 112.64%  |

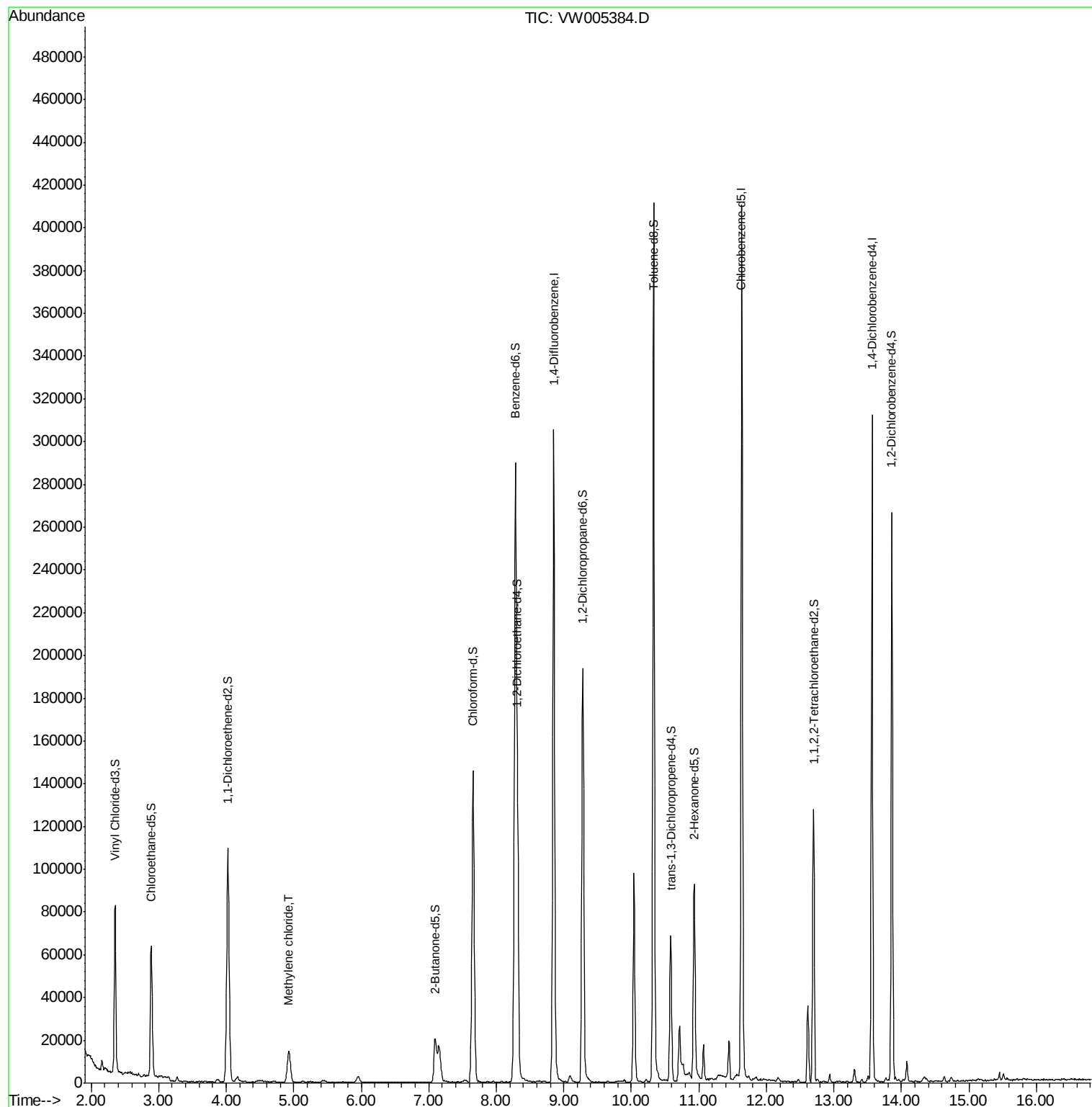
| Target Compounds       |      |    |       |           | Ovalue |
|------------------------|------|----|-------|-----------|--------|
| 16) Methylene chloride | 4.92 | 84 | 11501 | 2.34 ug/L | 96     |

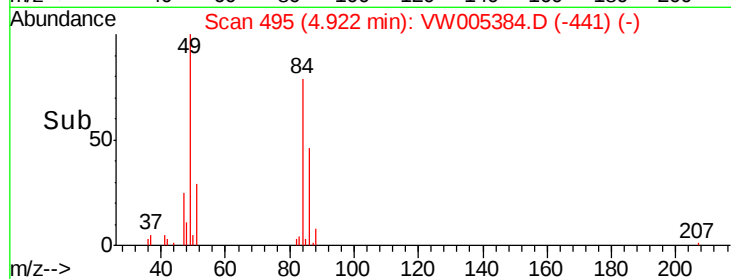
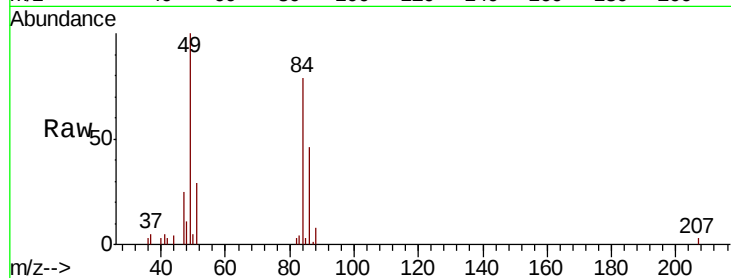
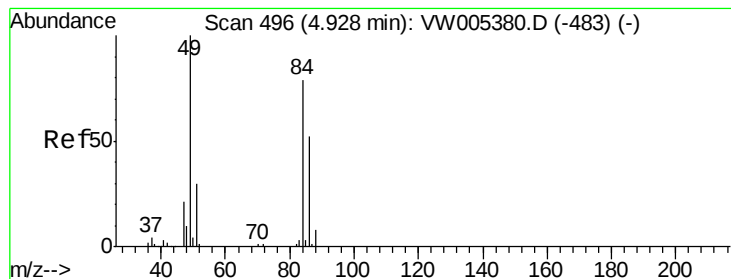
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091518\  
Data File : VW005384.D  
Acq On : 14 Sep 2018 13:57  
Operator : SY/AP  
Sample : J4865-01RE  
Misc : 5.25G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DB3N1RE

Quant Time: Sep 14 23:30:32 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091318S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Sep 14 23:16:09 2018  
Response via : Initial Calibration





#16  
 Methvlene chloride  
 Concen: 2.34 ug/L  
 RT: 4.92 min Scan# 495  
 Delta R.T. 0.00 min  
 Lab File: VW005384.D  
 Acq: 14 Sep 2018 13:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB3N1RE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 125.9 | 90.9  | 168.7 |
| 86      | 57.6  | 43.6  | 81.0  |

