

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\  
 Data File : VW007393.D  
 Acq On : 11 Dec 2018 13:40  
 Operator : SY/AP  
 Sample : J6270-01  
 Misc : 6.84G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F9E00

Quant Time: Dec 12 03:14:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120718S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 11 01:18:15 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 132006   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 111337   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 44034    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 23043    | 26.80    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 107.20% |
| 7) Chloroethane-d5             | 2.89   | 69    | 17836    | 24.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.96%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 57585    | 19.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 77.68%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 23831    | 43.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.94%  |
| 24) Chloroform-d               | 7.65   | 84    | 80520    | 25.86    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 103.44% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 48928    | 27.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 110.44% |
| 29) Benzene-d6                 | 8.27   | 84    | 156774   | 25.93    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 103.72% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 46215    | 26.78    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 107.12% |
| 37) Toluene-d8                 | 10.32  | 98    | 147291   | 25.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 103.92% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 22859    | 25.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 103.64% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 18740    | 45.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.22%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 40398    | 25.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 102.76% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 40907    | 26.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 105.64% |

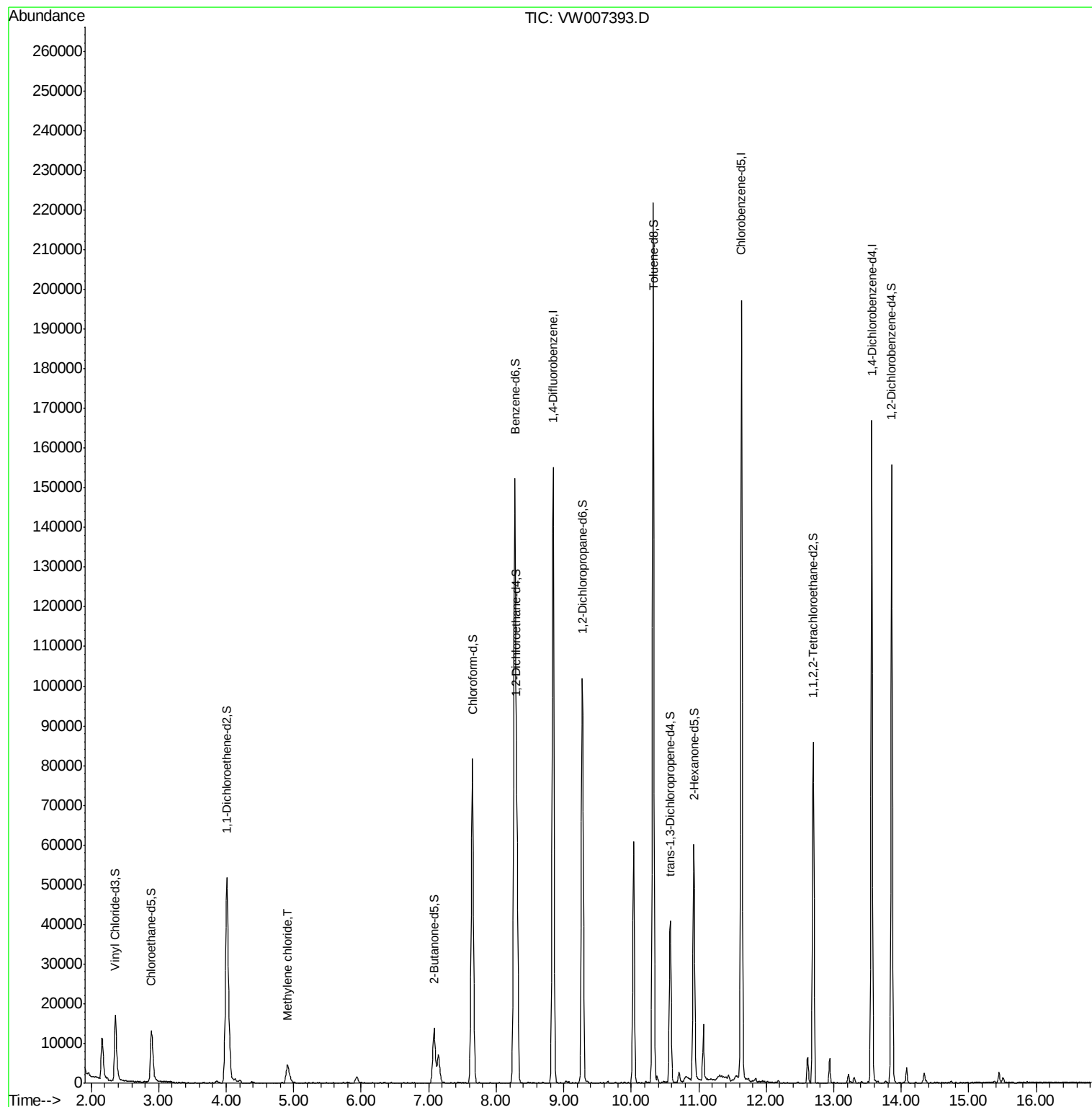
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 4.90 | 84 | 4413 | 2.069 ug/L | 93     |

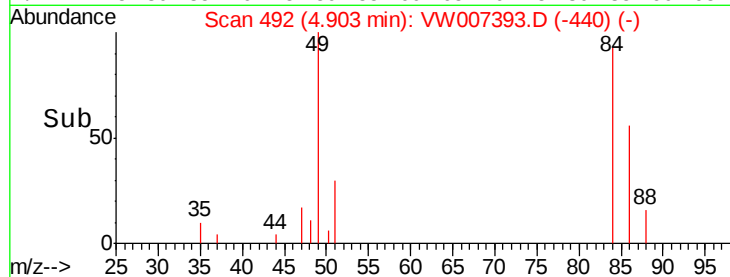
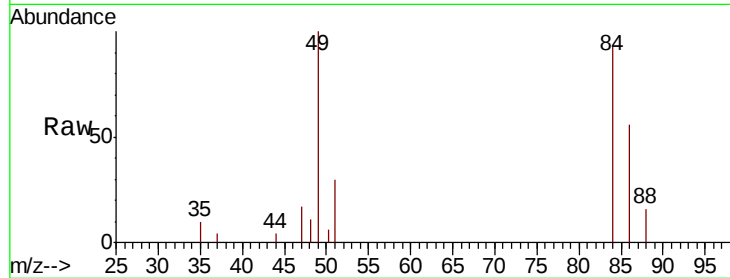
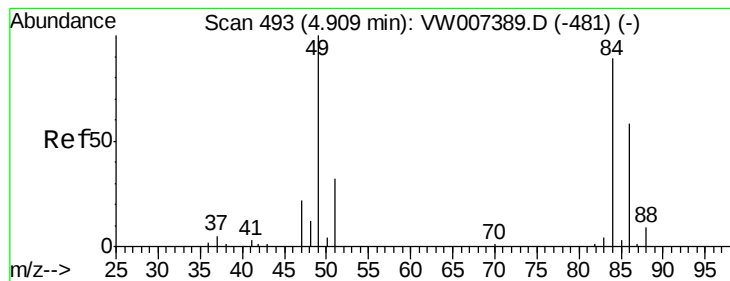
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Dec 11 01:18:15 2018  
Response via : Initial Calibration





#16  
Methvlene chloride  
Concen: 2.069 ug/L  
RT: 4.90 min Scan# 492  
Delta R.T. -0.01 min  
Lab File: VW007393.D  
Acq: 11 Dec 2018 13:40

Instrument :  
MSVOA\_W  
ClientSampleId :  
F9E00

Tot Ion: 84 Resp: 4413  
Ion Ratio Lower Upper  
84 100  
49 107.6 80.8 150.2  
86 60.1 45.8 85.2

