

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121018\  
 Data File : VW007360.D  
 Acq On : 10 Dec 2018 16:19  
 Operator : SY/AP  
 Sample : J6297-04  
 Misc : 6.70G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F9E39

Quant Time: Dec 11 02:30:47 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  | 118571   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 99475    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 49048    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 22826    | 29.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 118.24% |
| 7) Chloroethane-d5             | 2.89   | 69    | 17264    | 26.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 105.56% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 57385    | 21.54    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 86.16%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 22351    | 45.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 91.82%  |
| 24) Chloroform-d               | 7.65   | 84    | 77403    | 27.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 110.72% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 45864    | 28.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 115.24% |
| 29) Benzene-d6                 | 8.27   | 84    | 152697   | 28.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 113.04% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 42019    | 27.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 109.00% |
| 37) Toluene-d8                 | 10.32  | 98    | 144223   | 28.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 113.88% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 21621    | 27.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 109.72% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 16551    | 44.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 89.20%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 36253    | 25.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 103.24% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 46598    | 27.01    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 108.04% |

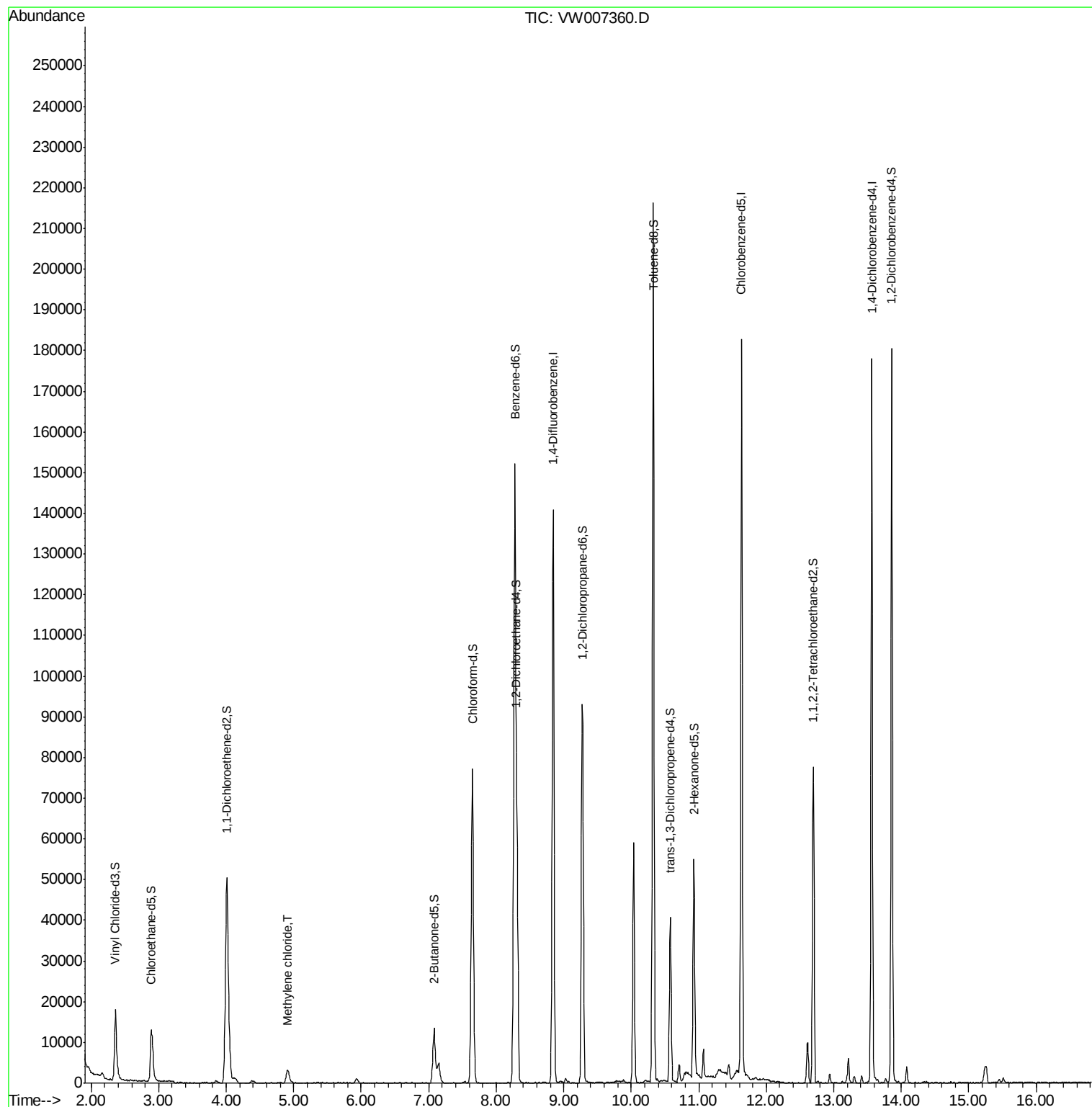
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 4.91 | 84 | 2942 | 1.536 ug/L | 87     |

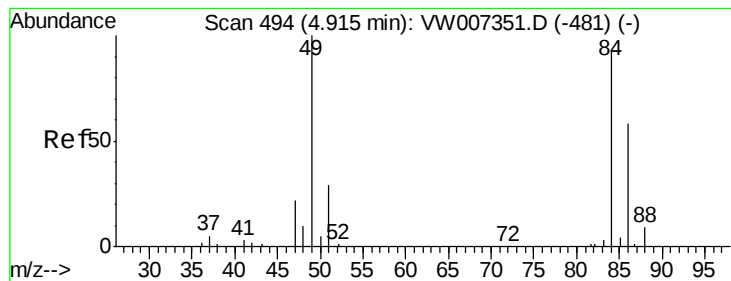
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 11 01:18:15 2018  
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#16  
Methylene chloride  
Concen: 1.536 ug/L  
RT: 4.91 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: VW007360.D  
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Tot Ion: 84 Resp: 2942  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 98.5  | 80.8  | 150.2 |
| 86  | 71.8  | 45.8  | 85.2  |

