

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\  
 Data File : VW016553.D  
 Acq On : 11 Sep 2020 16:39  
 Operator : SY/VA  
 Sample : L3950-11  
 Misc : 5.09G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Sep 14 09:31:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 12 07:12:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 560260   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 487523   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 217807   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.37   | 65    | 123214   | 20.73    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.92% |
| 7) Chloroethane-d5             | 2.90   | 69    | 127059   | 23.81    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 95.24% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 213639   | 15.63    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 62.52% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 89200    | 42.02    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.04% |
| 24) Chloroform-d               | 7.66   | 84    | 318872   | 24.30    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 97.20% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 177107   | 24.68    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 98.72% |
| 29) Benzene-d6                 | 8.28   | 84    | 608390   | 24.55    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 98.20% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 175225   | 24.07    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 96.28% |
| 37) Toluene-d8                 | 10.33  | 98    | 585879   | 24.87    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 99.48% |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 78439    | 21.35    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 85.40% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 69049    | 46.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 92.80% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 150622   | 24.46    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 97.84% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 184995   | 24.58    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 98.32% |

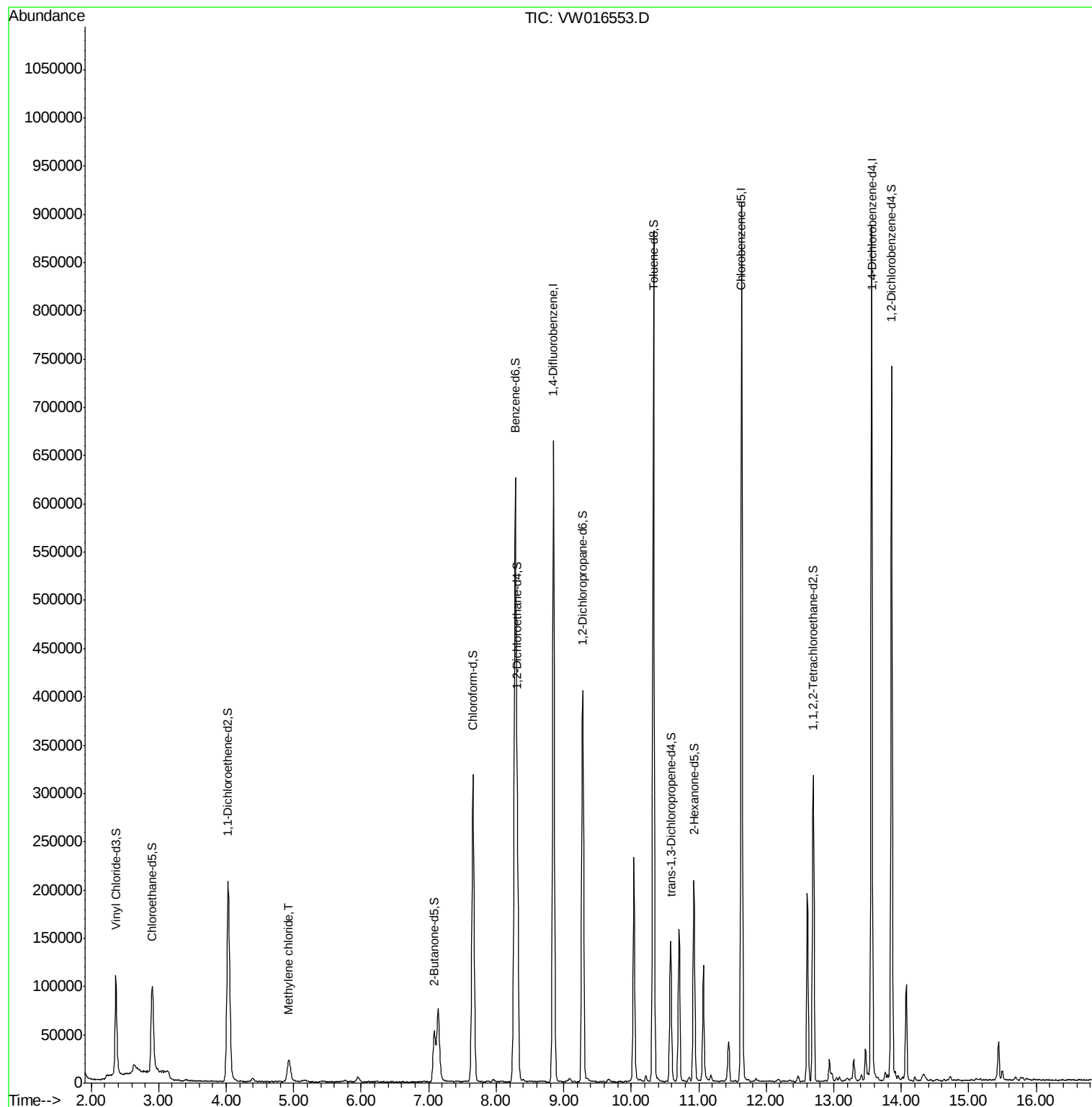
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.93 | 84 | 18523 | 2.118 ug/L | 83     |

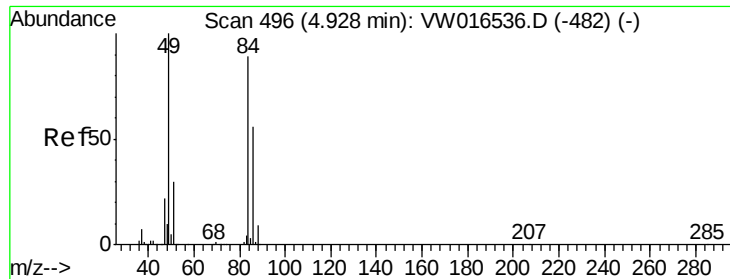
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 12 07:12:32 2020  
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#16  
 Methvlene chloride  
 Concen: 2.118 ug/L  
 RT: 4.93 min Scan# 496  
 Delta R.T. 0.00 min  
 Lab File: VW016553.D  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 96.5  | 86.7  | 160.9 |
| 86      | 61.6  | 44.9  | 83.5  |

