

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\  
 Data File : VW013643.D  
 Acq On : 21 Oct 2019 18:38  
 Operator : SY/VA  
 Sample : K5422-11  
 Misc : 6.85G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AC2

Quant Time: Oct 21 19:05:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101819S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 21 16:37:58 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 230241   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 201241   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 85089    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 89121    | 31.55    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 126.20%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 74551    | 28.27    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 113.08%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 134456   | 21.55    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 86.20%   |
| 20) 2-Butanone-d5              | 7.07   | 46    | 38690    | 38.29    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 76.58%   |
| 24) Chloroform-d               | 7.65   | 84    | 174569   | 27.10    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 108.40%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 91212    | 27.07    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 108.28%  |
| 29) Benzene-d6                 | 8.27   | 84    | 378241   | 31.28    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 125.12%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 112527   | 31.16    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 124.64%# |
| 37) Toluene-d8                 | 10.32  | 98    | 326279   | 29.26    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 117.04%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 39580    | 24.30    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 97.20%   |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 30887    | 44.74    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 89.48%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 78229    | 26.45    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 105.80%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 81933    | 27.25    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 109.00%  |

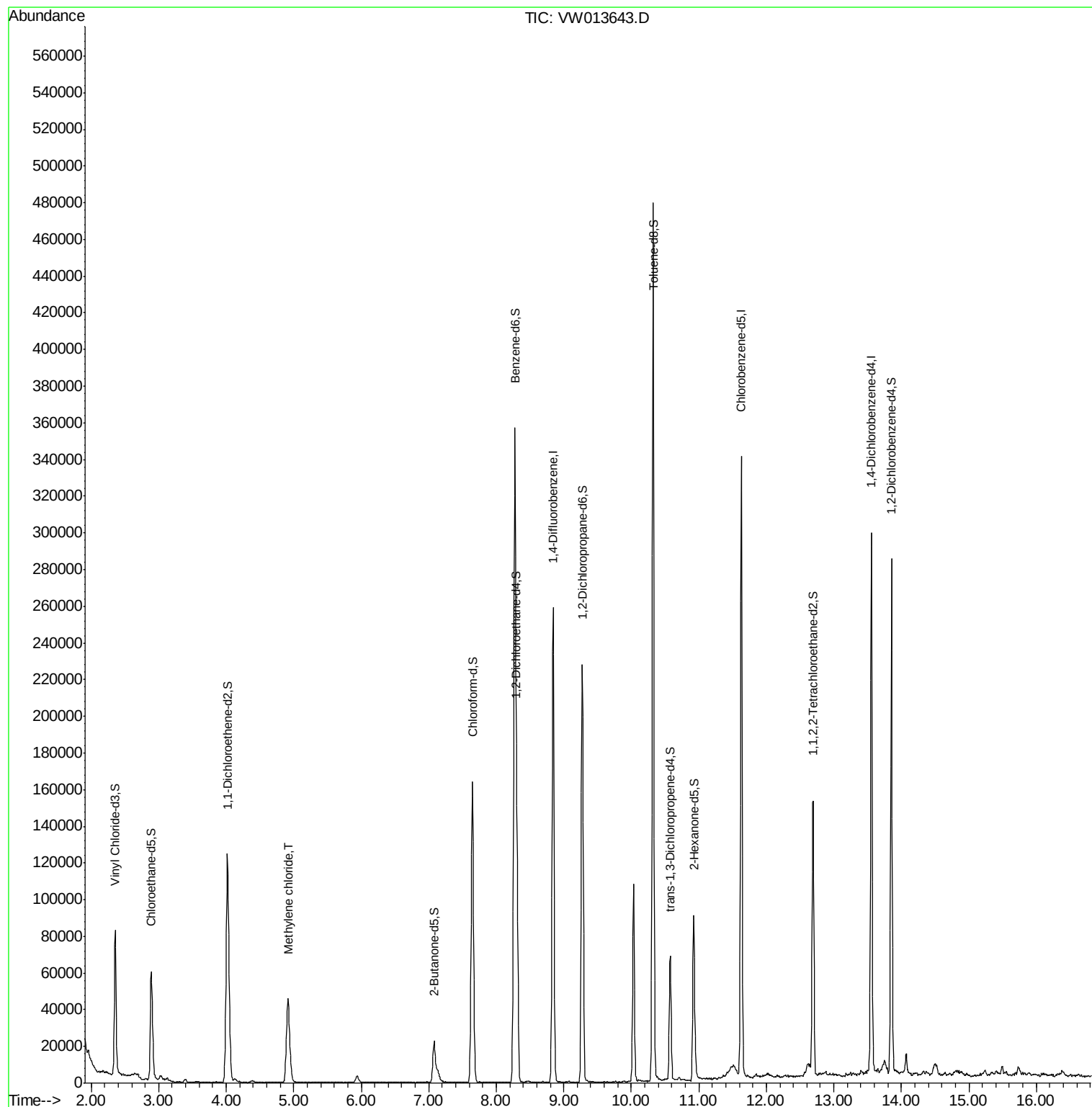
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 39229 | 8.898 ug/L | 92     |

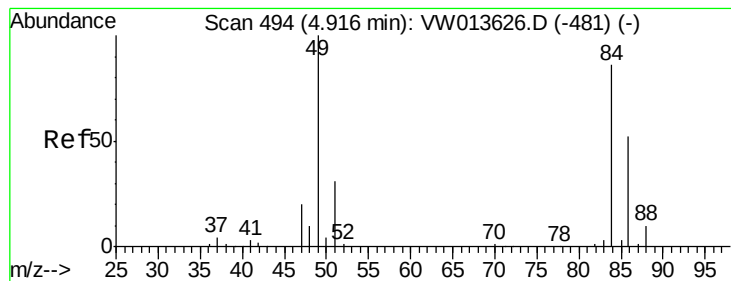
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
 Methvlene chloride  
 Concen: 8.898 ug/L  
 RT: 4.92 min Scan# 494  
 Delta R.T. -0.01 min  
 Lab File: VW013643.D  
 Acq: 21 Oct 2019 18:38

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AC2

Tot Ion: 84 Resp: 39229  
 Ion Ratio Lower Upper  
 84 100  
 49 124.1 80.2 148.9  
 86 65.6 42.7 79.3

