

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\  
 Data File : VV014918.D  
 Acq On : 13 Mar 2020 21:07  
 Operator : SY/MD  
 Sample : L1884-02  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 CON66

Quant Time: Mar 16 02:40:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM030620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Mar 16 01:36:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 394560   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 385770   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 185239   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 93478    | 35.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 70.02%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 75712    | 35.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 71.74%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 120982   | 27.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 54.54%# |
| 21) 2-Butanone-d5              | 3.93    | 46    | 157421   | 79.05    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 79.05%  |
| 24) Chloroform-d               | 4.38    | 84    | 218630   | 43.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.48%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 150423   | 43.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.60%  |
| 32) Benzene-d6                 | 5.08    | 84    | 444904   | 43.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.36%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 137471   | 40.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 81.44%  |
| 41) Toluene-d8                 | 7.34    | 98    | 419604   | 42.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 84.12%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 66979    | 40.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.26%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 134503   | 89.73    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 89.73%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 197711   | 42.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 85.14%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 176005   | 47.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.88%  |

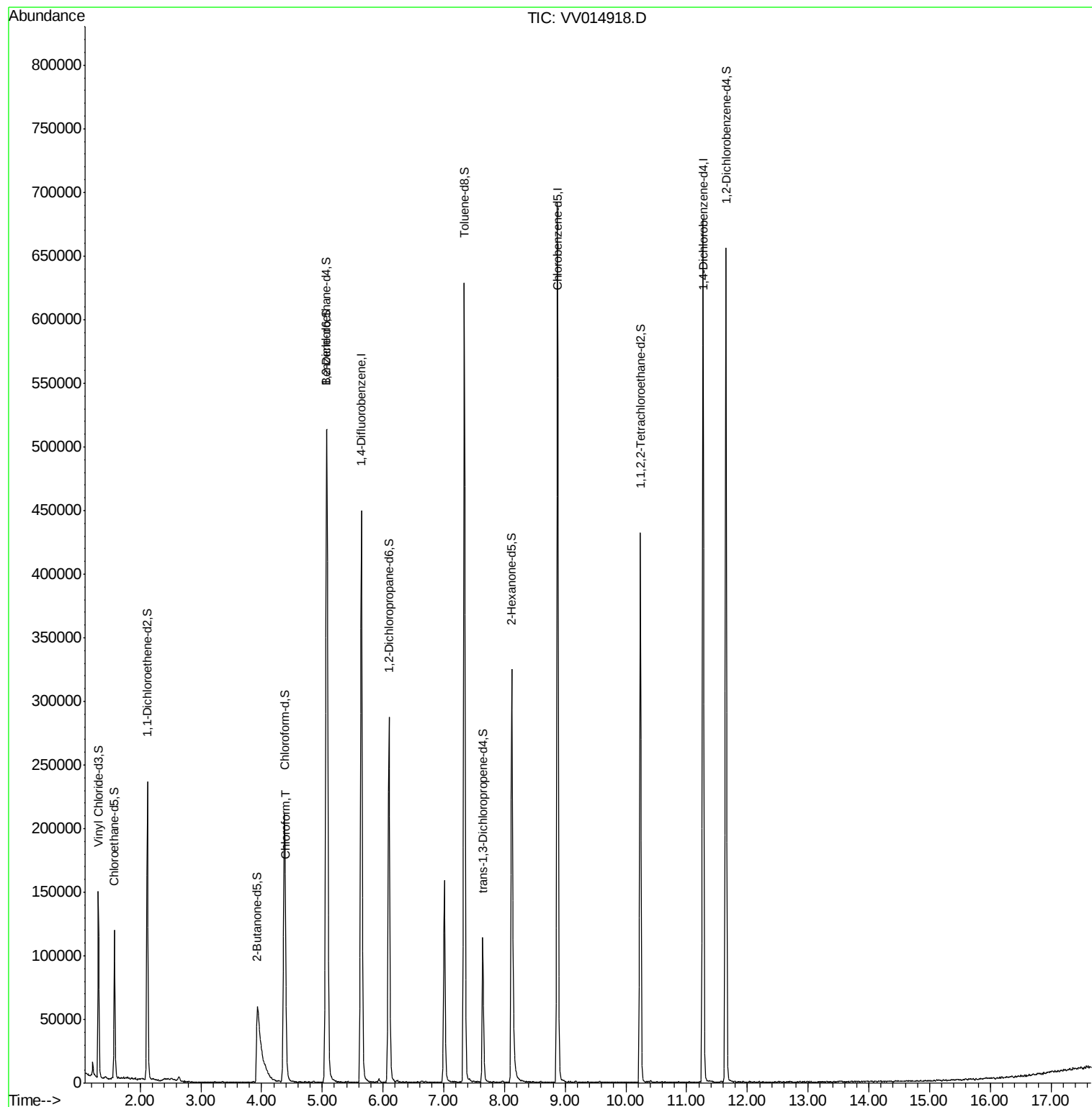
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 25) Chloroform   | 4.40 | 83 | 7985 | 1.490 ug/L | 99     |

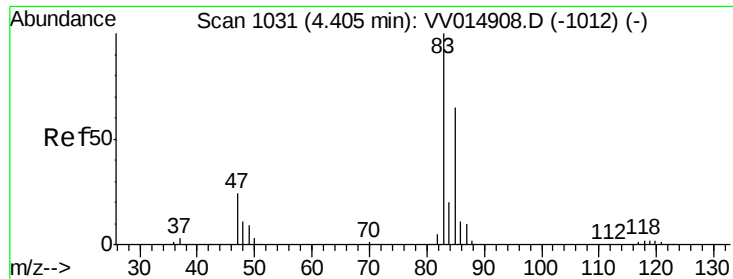
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25  
 Chloroform  
 Concen: 1.490 ug/L  
 RT: 4.40 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VV014918.D  
 Acq: 13 Mar 2020 21:07

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 CON66

Tot Ion: 83 Resp: 7985  
 Ion Ratio Lower Upper  
 83 100  
 85 64.1 45.1 83.9

