

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072518\  
 Data File : VW004194.D  
 Acq On : 25 Jul 2018 13:02  
 Operator : SY/AP  
 Sample : J4065-12  
 Misc : 5.84G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JHT41

Quant Time: Jul 26 00:50:19 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM071818S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 26 00:50:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 243423   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 245800   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 102188   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 47312    | 19.65    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 78.60%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 39769    | 22.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 91.68%  |
| 10) 1,1-Dichloroethene-d2      | 4.00   | 63    | 86615    | 14.99    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 59.96%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 78602    | 55.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 111.34% |
| 24) Chloroform-d               | 7.65   | 84    | 156797   | 27.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 108.56% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 101150   | 29.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 116.28% |
| 29) Benzene-d6                 | 8.28   | 84    | 259754   | 22.78    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 91.12%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 98947    | 26.02    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 104.08% |
| 37) Toluene-d8                 | 10.33  | 98    | 217960   | 21.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 85.08%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 38602    | 23.10    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 92.40%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 52509    | 51.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 102.60% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 115555   | 27.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 110.96% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 96150    | 29.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 117.04% |

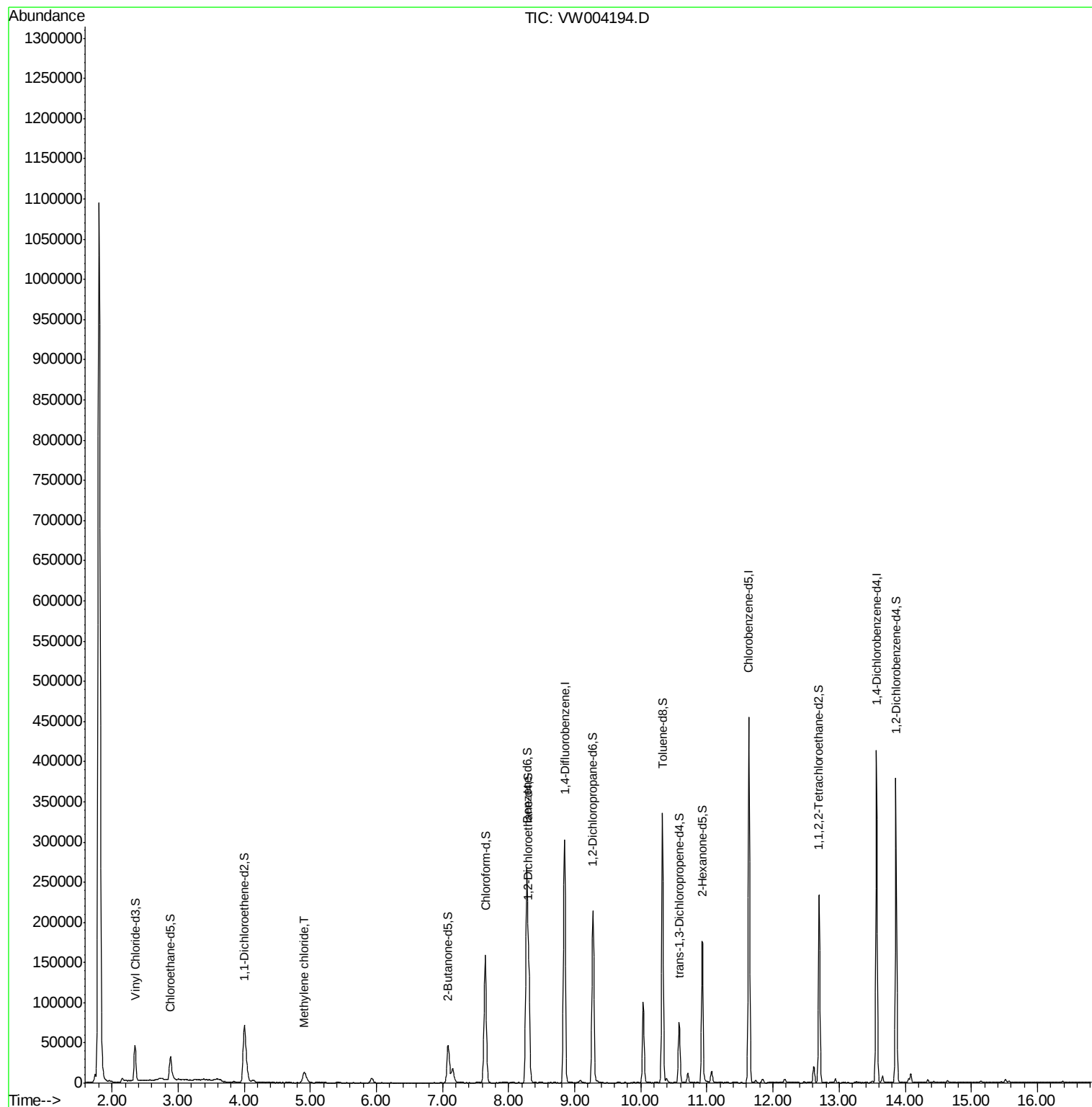
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.91 | 84 | 11763 | 2.519 ug/L | 95     |

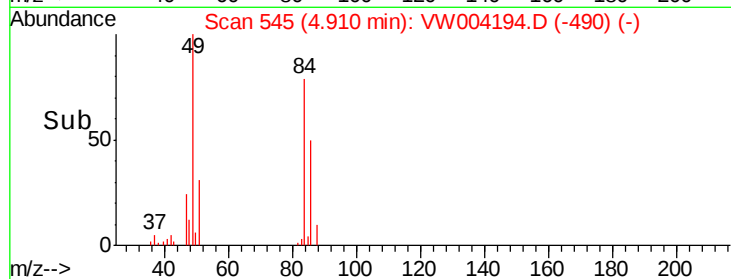
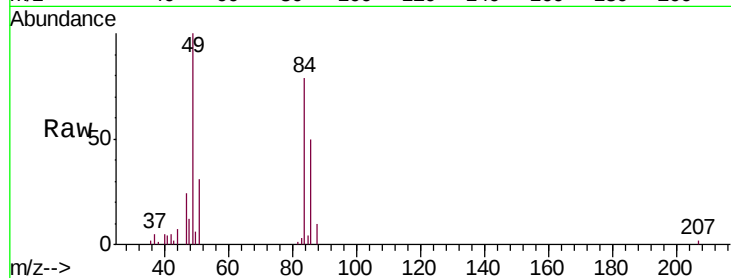
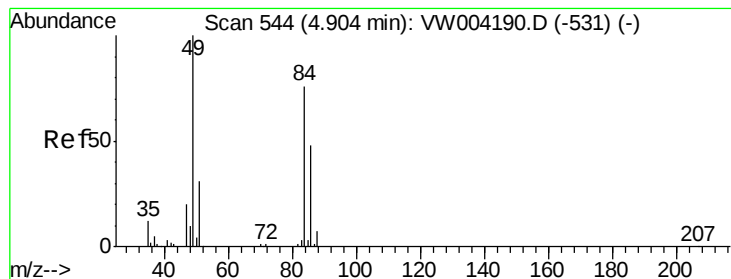
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
 Methvlene chloride  
 Concen: 2.519 ug/L  
 RT: 4.91 min Scan# 545  
 Delta R.T. 0.01 min  
 Lab File: VW004194.D  
 Acq: 25 Jul 2018 13:02

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Tot Ion: 84 Resp: 11763  
 Ion Ratio Lower Upper  
 84 100  
 49 127.4 94.2 175.0  
 86 63.1 45.1 83.9

