

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW080320\  
 Data File : VW016031.D  
 Acq On : 03 Aug 2020 13:30  
 Operator : SY/VA  
 Sample : L3458-17  
 Misc : 5.04G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Aug 04 04:09:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 04 03:35:29 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 444876   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 409700   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 191946   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 91229    | 14.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 58.12%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 91472    | 17.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 71.76%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 166705   | 13.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 52.56%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 96653    | 58.61    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 117.22% |
| 24) Chloroform-d               | 7.65   | 84    | 256603   | 20.54    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 82.16%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 142630   | 20.80    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 83.20%  |
| 29) Benzene-d6                 | 8.28   | 84    | 518322   | 20.78    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 83.12%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 166596   | 22.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 89.12%  |
| 37) Toluene-d8                 | 10.33  | 98    | 452687   | 20.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 80.16%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 63021    | 19.78    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 79.12%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 73237    | 58.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 117.66% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 151788   | 26.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 105.64% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 169757   | 22.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 90.72%  |

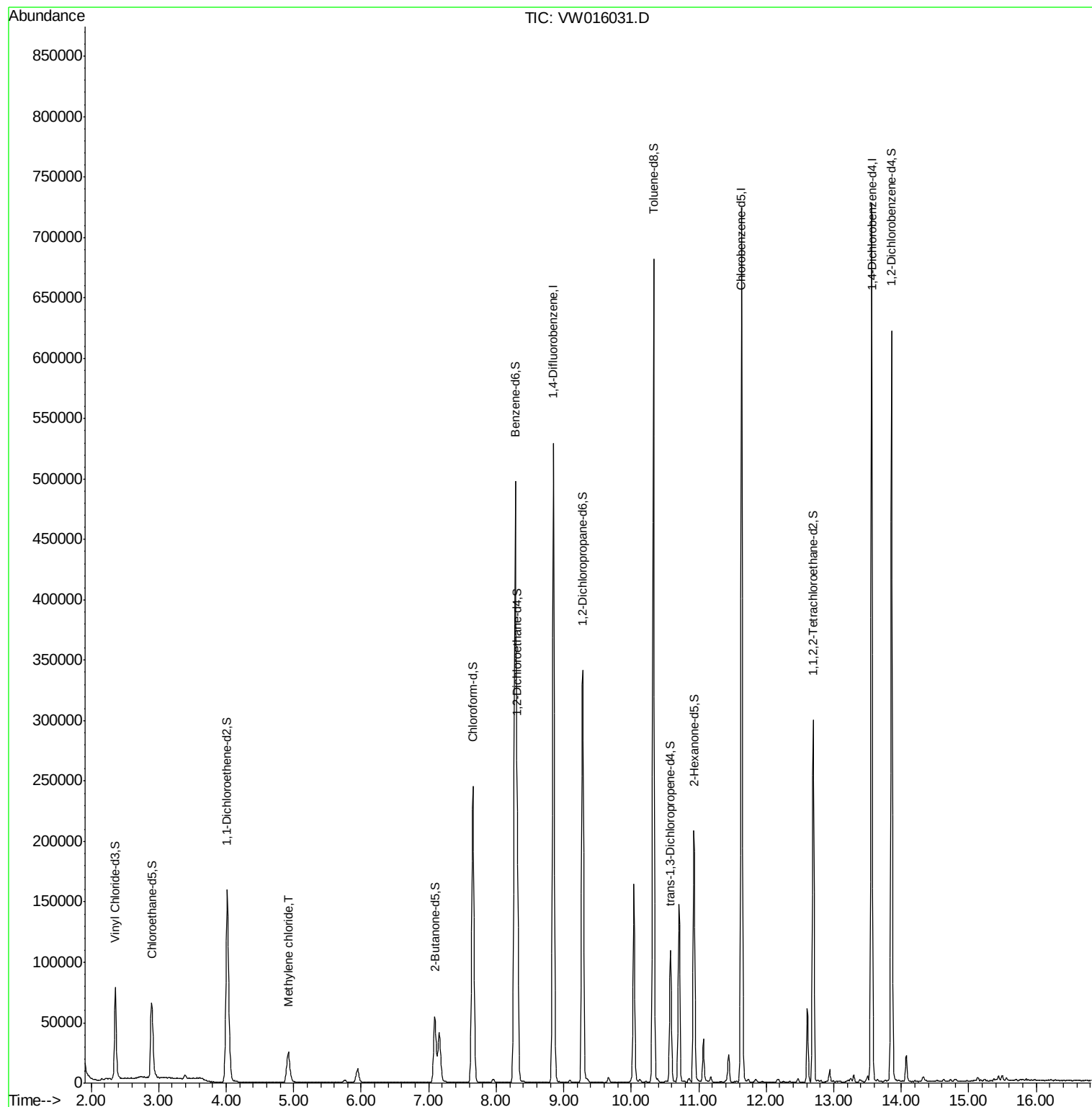
| Target Compounds       |      |    |       |            | Qvalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 20530 | 2.816 ug/L | 96     |

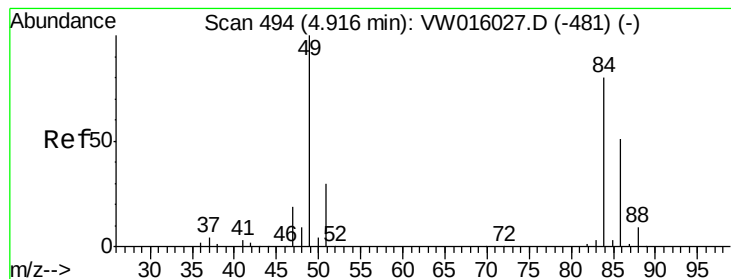
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 04 03:35:29 2020  
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#16  
Methylene chloride  
Concen: 2.816 ug/L  
RT: 4.92 min Scan# 495  
Delta R.T. 0.01 min  
Lab File: VW016031.D  
Acq: 03 Aug 2020 13:30

Instrument :  
MSVOA\_W  
ClientSampleId :  
VHBLK01

Tgt Ion: 84 Resp: 20530  
Ion Ratio Lower Upper  
84 100  
49 123.9 91.1 169.1  
86 63.8 46.0 85.4

