

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041519\  
 Data File : VW009979.D  
 Acq On : 15 Apr 2019 19:07  
 Operator : SY/VA  
 Sample : VW0415SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK07

Quant Time: Apr 16 02:00:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM041519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 16 01:53:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 673892   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 640390   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 287817   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 170611   | 26.79    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 107.16% |
| 7) Chloroethane-d5             | 2.89   | 69    | 156397   | 24.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.00%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 335866   | 19.02    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 76.08%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 161002   | 46.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 93.48%  |
| 24) Chloroform-d               | 7.65   | 84    | 435550   | 22.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.44%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 277043   | 22.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 91.68%  |
| 29) Benzene-d6                 | 8.27   | 84    | 857268   | 24.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 97.44%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 268657   | 23.97    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 95.88%  |
| 37) Toluene-d8                 | 10.32  | 98    | 780524   | 24.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 97.24%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 122960   | 23.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 92.56%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 118546   | 47.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 95.46%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 228306   | 21.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 87.08%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 270397   | 24.99    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 99.96%  |

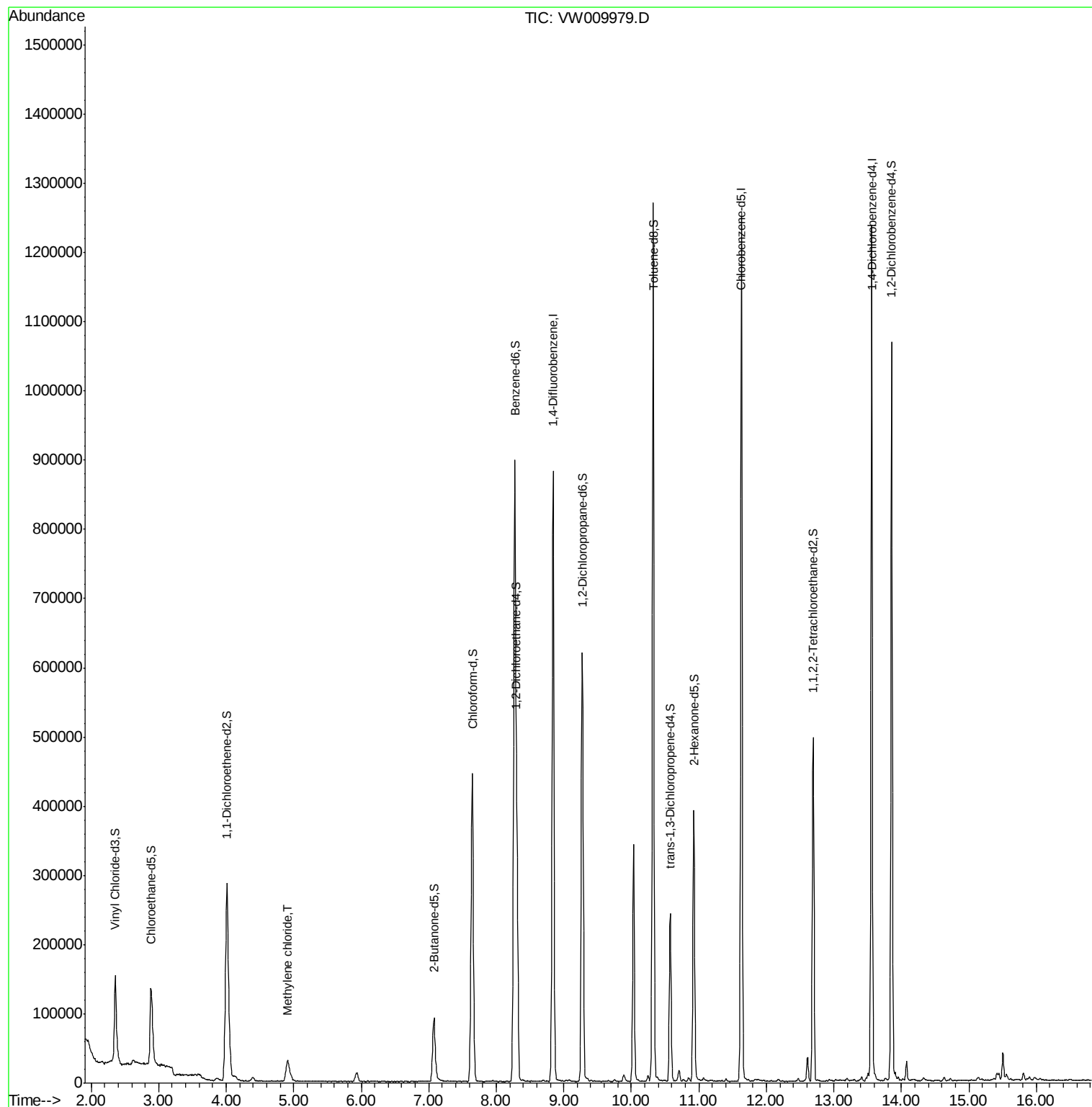
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.91 | 84 | 25089 | 2.056 ug/L | 88     |

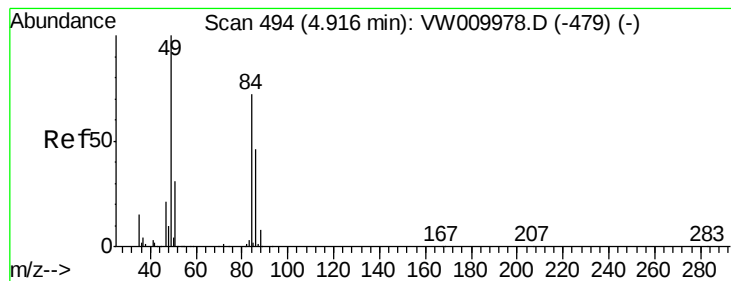
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :  
VBLK07

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM041519S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 16 01:53:26 2019  
Response via : Initial Calibration





#16  
 Methvlene chloride  
 Concen: 2.056 ug/L  
 RT: 4.91 min Scan# 493  
 Delta R.T. -0.01 min  
 Lab File: VW009979.D  
 Acq: 15 Apr 2019 19:07

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Tot Ion: 84 Resp: 25089  
 Ion Ratio Lower Upper  
 84 100  
 49 128.1 100.7 187.1  
 86 70.8 43.8 81.3

