

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031619\  
 Data File : VW009215.D  
 Acq On : 16 Mar 2019 17:32  
 Operator : SY/VA  
 Sample : K1736-08  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Mar 18 04:03:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Mar 18 02:40:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 427113   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 419594   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 196891   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 135177   | 26.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 105.92% |
| 7) Chloroethane-d5             | 2.89   | 69    | 125261   | 20.97    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 83.88%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 206871   | 18.75    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 75.00%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 90980    | 43.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 86.20%  |
| 24) Chloroform-d               | 7.65   | 84    | 271275   | 23.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 93.08%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 166291   | 23.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 94.72%  |
| 29) Benzene-d6                 | 8.27   | 84    | 525785   | 22.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 90.88%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 158803   | 22.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 91.40%  |
| 37) Toluene-d8                 | 10.32  | 98    | 474091   | 22.16    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 88.64%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 74273    | 21.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 85.12%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 67379    | 40.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 80.06%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 146752   | 21.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 85.76%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 182164   | 24.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.52%  |

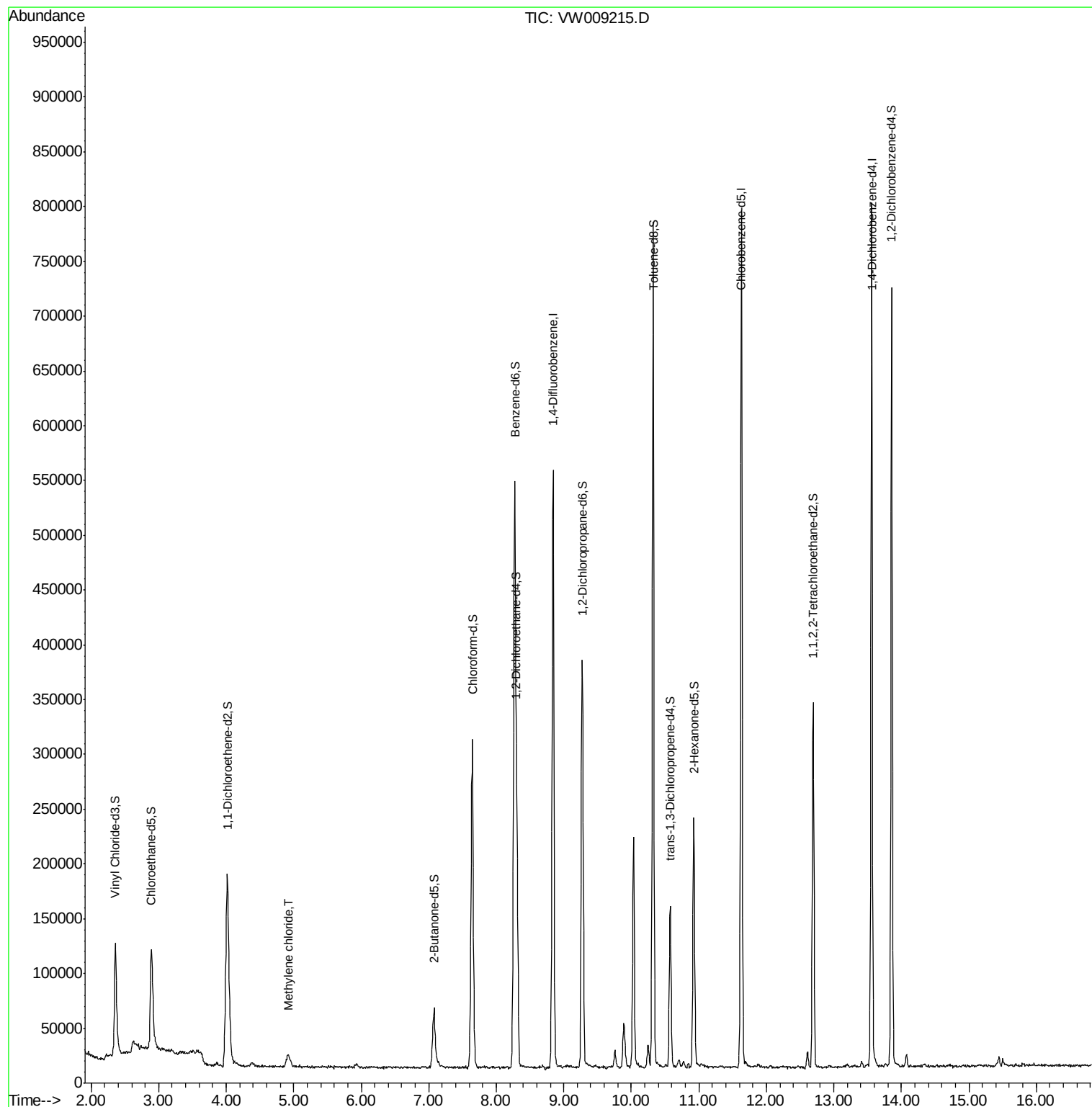
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 9149 | 1.469 ug/L | 96     |

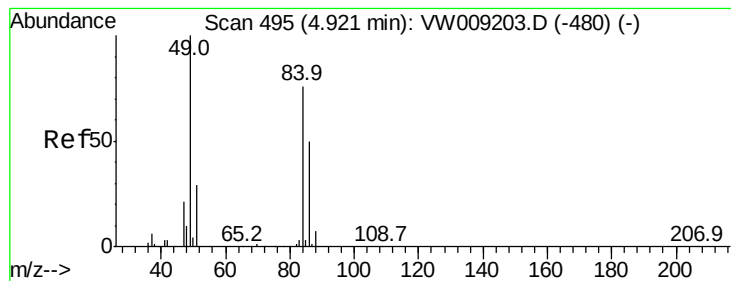
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.469 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW009215.D

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Instrument :

MSVOA\_W

ClientSampleId :

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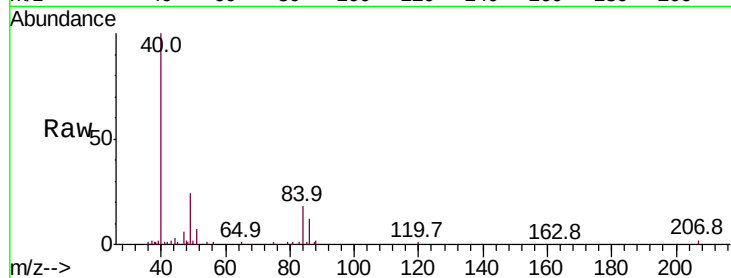
Tot Ion: 84 Resp: 9149

Ion Ratio Lower Upper

84 100

49 132.0 96.0 178.2

86 66.6 44.4 82.5



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

