

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040119\  
 Data File : VW009644.D  
 Acq On : 02 Apr 2019 00:43  
 Operator : SY/VA  
 Sample : VIBLK20  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK20

Quant Time: Apr 02 04:03:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 02 01:34:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 385127   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 382520   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 182817   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 83943    | 18.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 72.96%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 95192    | 17.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 70.72%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 154370   | 15.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 62.08%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 109988   | 57.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 115.58% |
| 24) Chloroform-d               | 7.64   | 84    | 265015   | 25.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 100.88% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 173921   | 27.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 109.88% |
| 29) Benzene-d6                 | 8.27   | 84    | 461551   | 21.88    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.52%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 153902   | 24.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 97.16%  |
| 37) Toluene-d8                 | 10.32  | 98    | 414742   | 21.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 85.04%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 65870    | 20.70    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 82.80%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 78095    | 50.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 101.78% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 163403   | 26.19    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 104.76% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 167996   | 23.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 95.84%  |

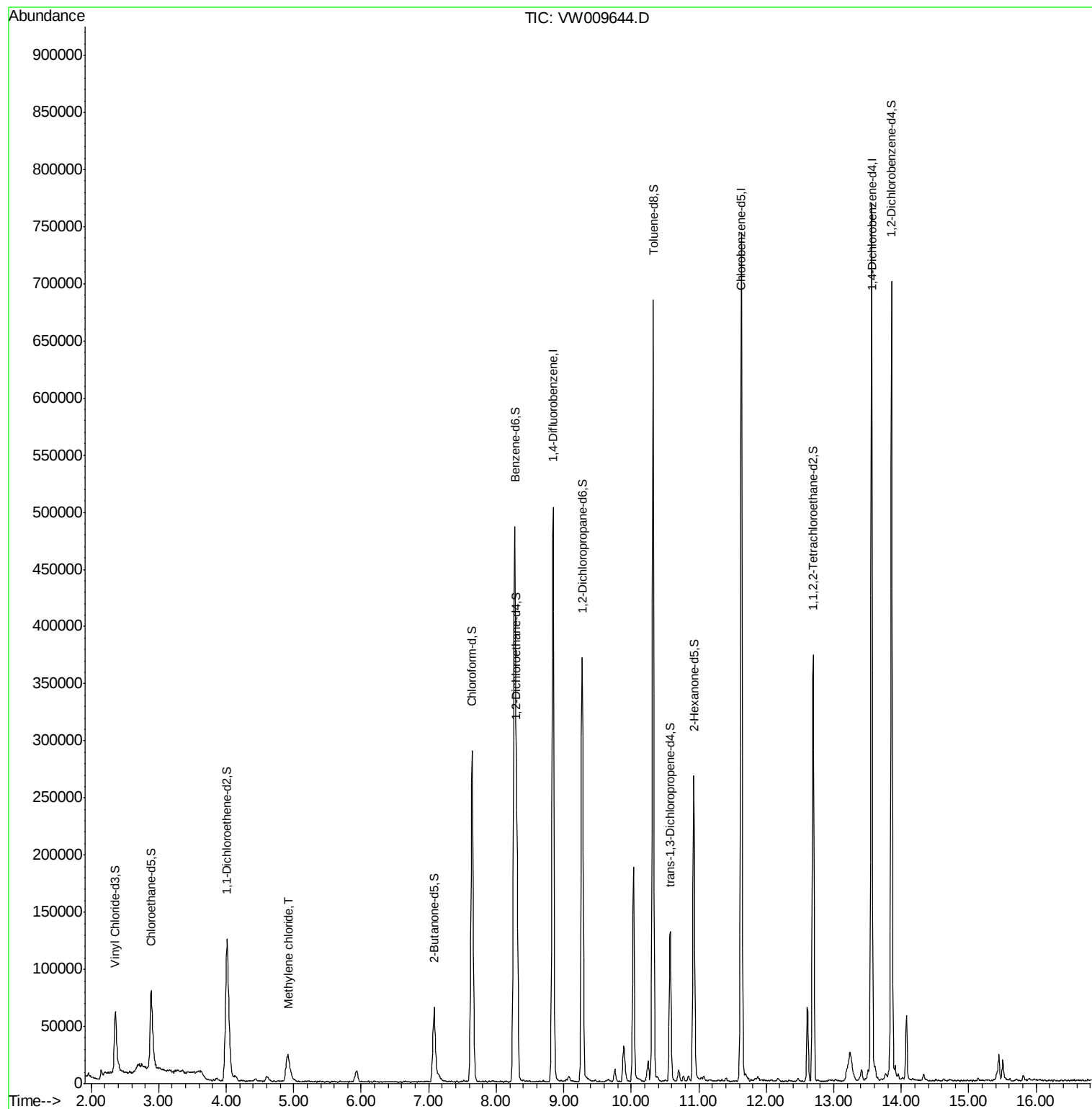
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 21024 | 3.743 ug/L | 87     |

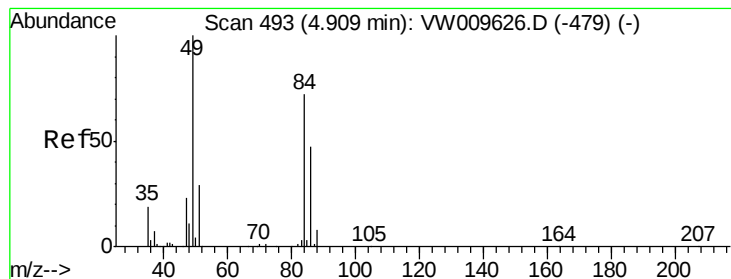
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Apr 02 01:34:09 2019  
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#16

Methylene chloride

Concen: 3.743 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009644.D

Acq: 02 Apr 2019 00:43

Instrument :

MSVOA\_W

ClientSampleId :

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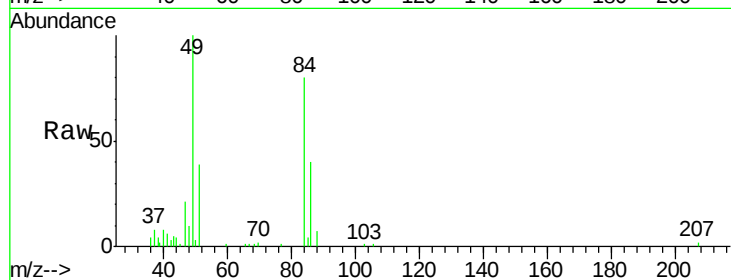
Tot Ion: 84 Resp: 21024

Ion Ratio Lower Upper

84 100

49 124.6 96.0 178.2

86 49.7 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

