

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\  
 Data File : VW016389.D  
 Acq On : 27 Aug 2020 14:28  
 Operator : SY/VA  
 Sample : VIBLK10  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK10

Quant Time: Aug 28 08:56:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM082420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 28 08:08:30 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 261456   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 245635   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 110193   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 50675    | 18.15    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 72.60% |
| 7) Chloroethane-d5             | 2.89   | 69    | 40844    | 19.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 77.08% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 99032    | 14.93    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 59.72% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 32821    | 41.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 82.68% |
| 24) Chloroform-d               | 7.65   | 84    | 153507   | 22.52    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 90.08% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 83887    | 23.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 95.52% |
| 29) Benzene-d6                 | 8.27   | 84    | 297134   | 21.67    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 86.68% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 84443    | 22.25    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 89.00% |
| 37) Toluene-d8                 | 10.32  | 98    | 282181   | 21.81    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 87.24% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 39622    | 21.64    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 86.56% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 24143    | 39.71    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 79.42% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 71429    | 22.62    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 90.48% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 99775    | 23.61    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 94.44% |

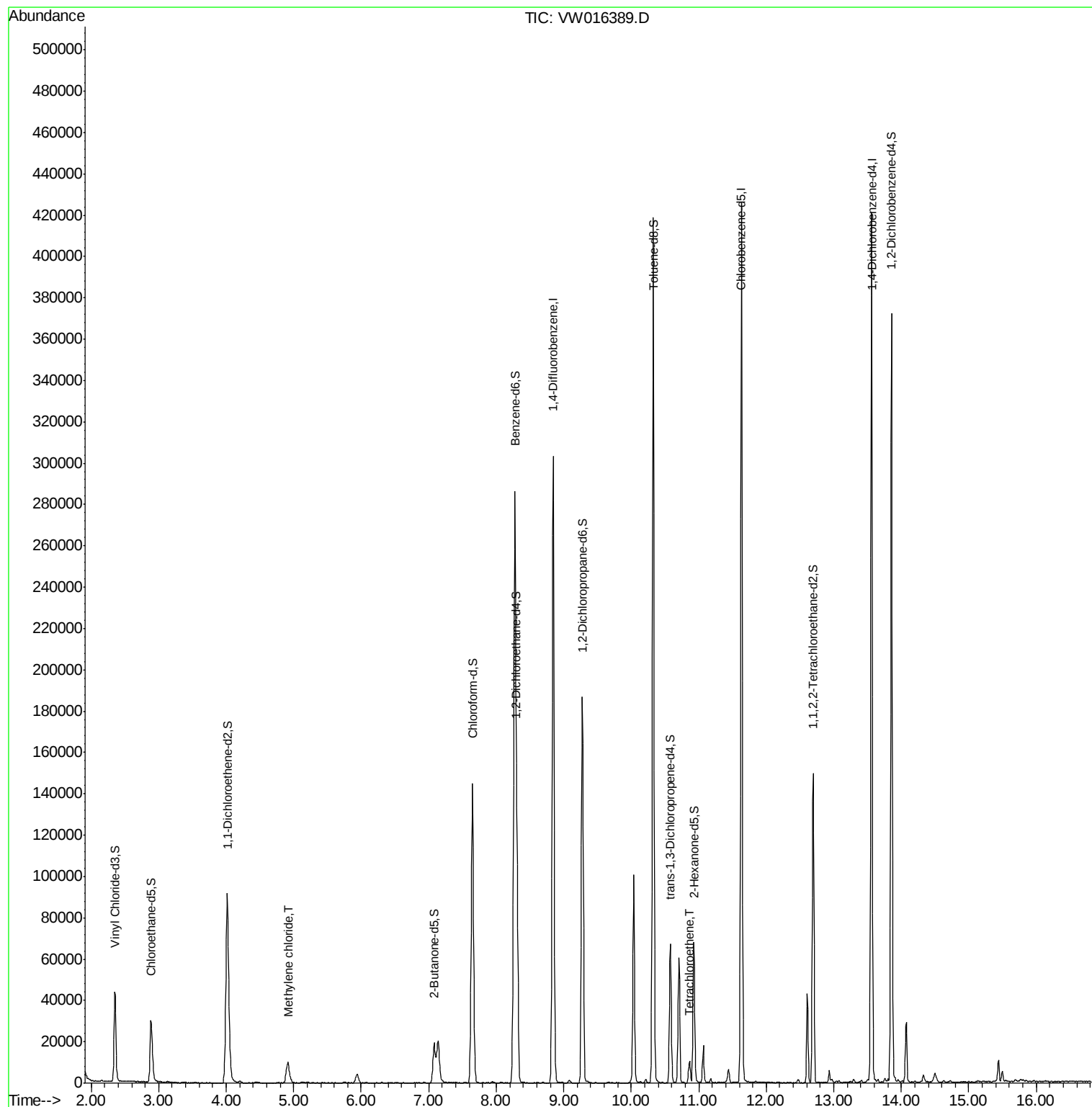
| Target Compounds       |       |     |      |            | Ovalue |
|------------------------|-------|-----|------|------------|--------|
| 16) Methylene chloride | 4.92  | 84  | 8719 | 1.804 ug/L | 97     |
| 47) Tetrachloroethene  | 10.87 | 164 | 2490 | 0.792 ug/L | 85     |

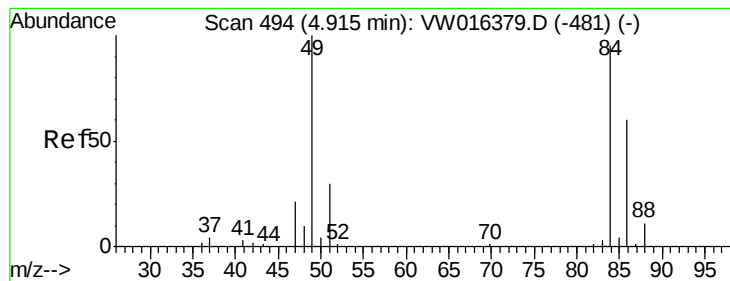
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082720\  
Data File : VW016389.D  
Acq On : 27 Aug 2020 14:28  
Operator : SY/VA  
Sample : VIBLK10  
Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK10

Quant Time: Aug 28 08:56:49 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM082420S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Aug 28 08:08:30 2020  
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 1.804 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016389.D

Acq: 27 Aug 2020 14:28

Instrument :

MSVOA\_W

ClientSampleId :

VIBLK10

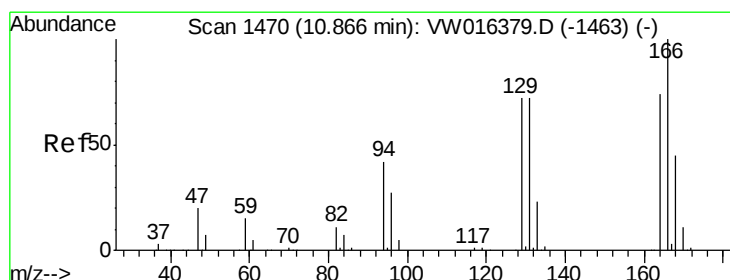
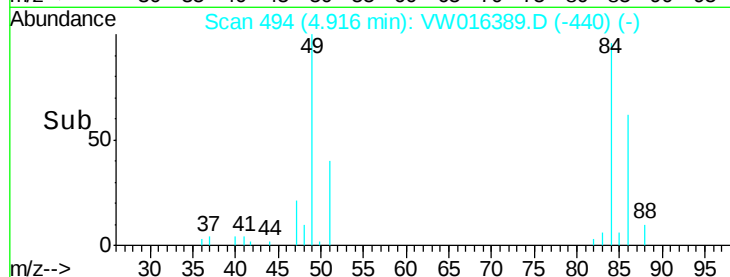
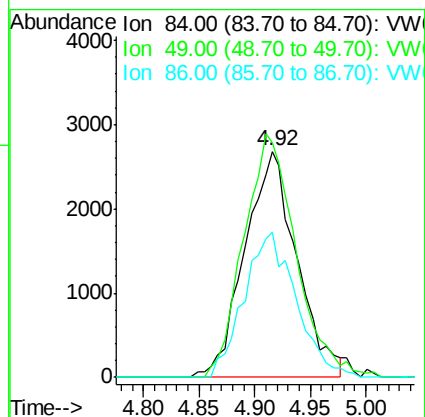
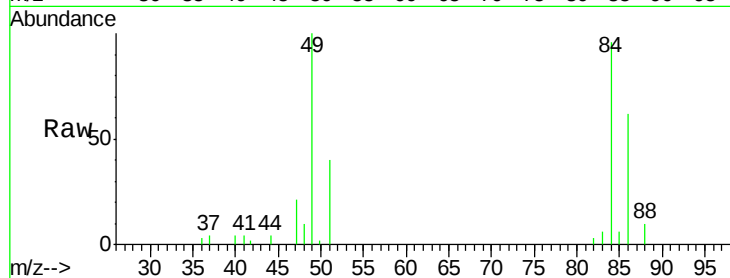
Tot Ion: 84 Resp: 8719

Ion Ratio Lower Upper

84 100

49 103.7 75.3 139.9

86 64.0 43.3 80.3



#47

Tetrachloroethene

Concen: 0.792 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016389.D

Acq: 27 Aug 2020 14:28

Tgt Ion: 164 Resp: 2490

Ion Ratio Lower Upper

164 100

129 92.7 71.5 132.7

131 71.3 67.4 125.2

166 119.0 92.5 171.9

