

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\  
 Data File : VU038100.D  
 Acq On : 11 May 2020 12:32  
 Operator : JC/MD  
 Sample : L2488-06  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: May 12 01:12:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM043020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 12 01:10:23 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 717568   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 696697   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 331294   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 310450   | 49.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 98.38%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 258048   | 50.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 100.52% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 373850   | 36.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.42%  |
| 21) 2-Butanone-d5              | 4.66    | 46    | 440582   | 89.31    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 89.31%  |
| 24) Chloroform-d               | 5.10    | 84    | 447561   | 45.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.58%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 323840   | 47.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.40%  |
| 32) Benzene-d6                 | 5.76    | 84    | 1017424  | 49.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.10%  |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 334691   | 49.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.32%  |
| 41) Toluene-d8                 | 7.92    | 98    | 921174   | 48.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 146269   | 45.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 91.62%  |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 280232   | 94.64    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.64%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 439545   | 44.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 329433   | 47.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.12%  |

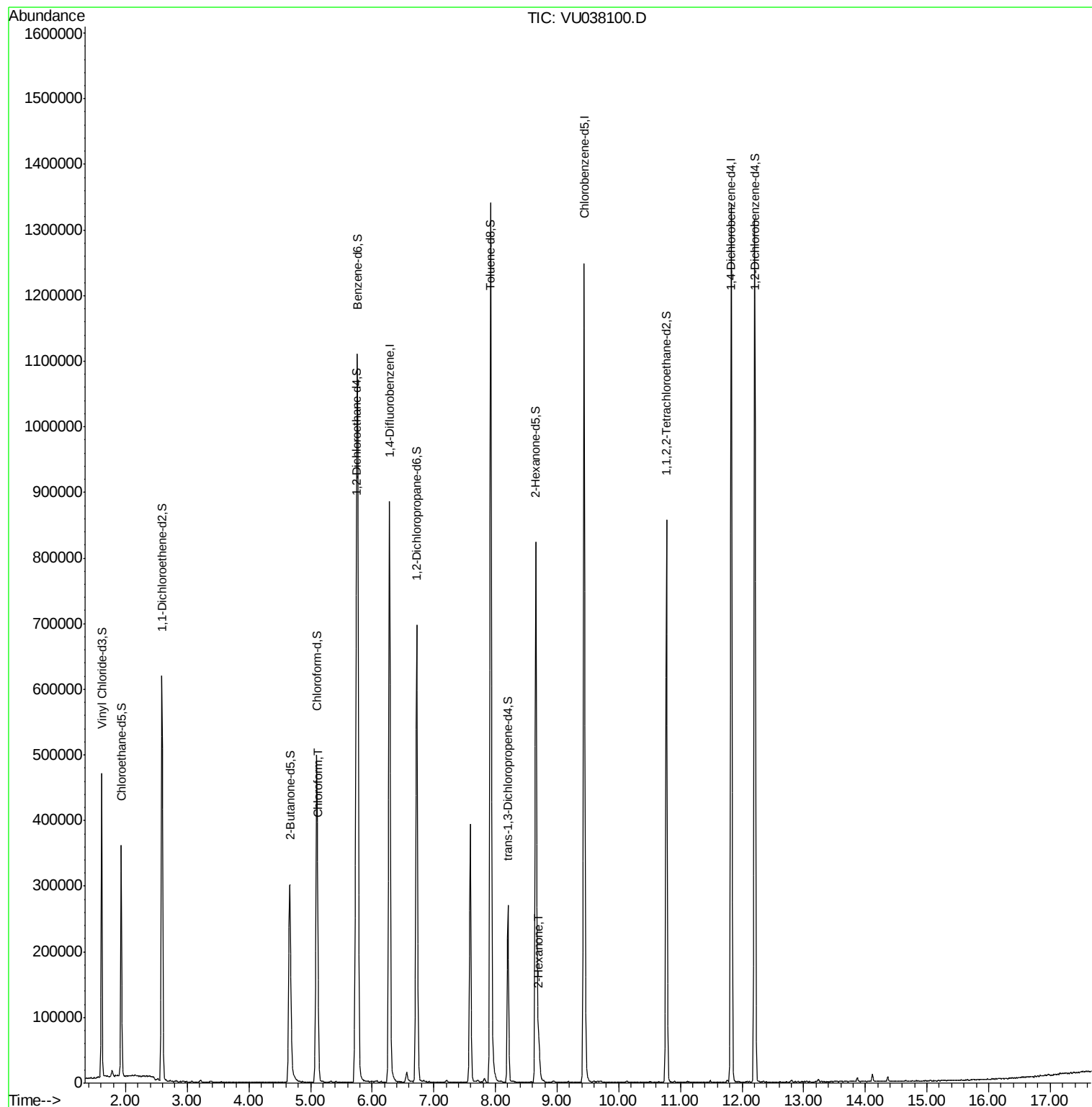
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 25) Chloroform   | 5.12 | 83 | 19253 | 1.984 ug/L | 98     |
| 48) 2-Hexanone   | 8.71 | 43 | 36911 | 4.747 ug/L | 94     |

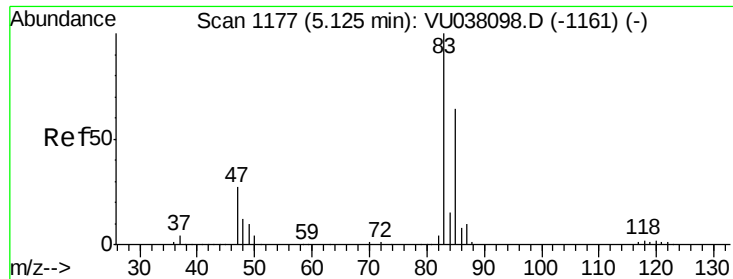
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VHBLK01

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Quant Title : VOC Analysis  
QLast Update : Tue May 12 01:10:23 2020  
Response via : Initial Calibration





#25

Chloroform

Concen: 1.984 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038100.D

Acq: 11 May 2020 12:32

Instrument :

MSVOA\_U

ClientSampleId :

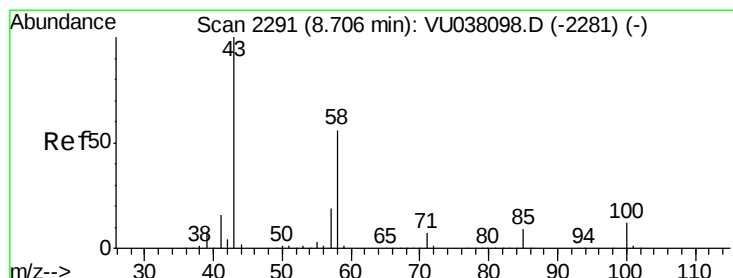
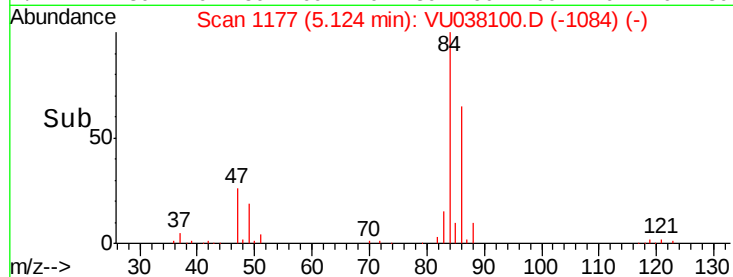
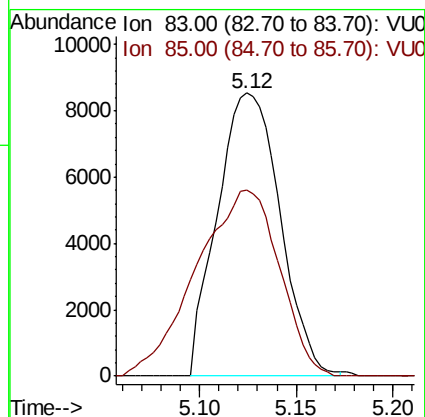
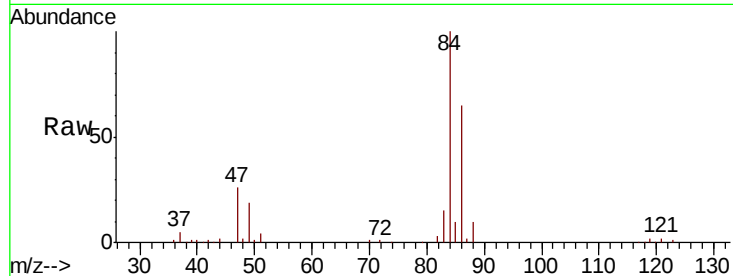
VHBLK01

Tot Ion: 83 Resp: 19253

Ion Ratio Lower Upper

83 100

85 65.8 45.0 83.6



#48

2-Hexanone

Concen: 4.747 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038100.D

Acq: 11 May 2020 12:32

Tgt Ion: 43 Resp: 36911

Ion Ratio Lower Upper

43 100

58 53.2 46.4 69.6

57 23.5 16.4 24.6

100 10.3 9.5 14.3

