

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU052820\  
 Data File : VU038358.D  
 Acq On : 28 May 2020 19:56  
 Operator : JC/MD  
 Sample : VIBLK33  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK33

Quant Time: May 29 06:09:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM052820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 29 04:31:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 600241   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 580049   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 268371   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 203804   | 54.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 108.18% |
| 7) Chloroethane-d5             | 1.93    | 69    | 166214   | 57.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 114.18% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 297240   | 38.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.18%  |
| 21) 2-Butanone-d5              | 4.66    | 46    | 401781   | 112.23   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 112.23% |
| 24) Chloroform-d               | 5.10    | 84    | 387258   | 52.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.68% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 271921   | 53.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 107.24% |
| 32) Benzene-d6                 | 5.76    | 84    | 801975   | 53.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.42% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 250883   | 53.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 107.40% |
| 41) Toluene-d8                 | 7.92    | 98    | 686912   | 51.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.12% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 121190   | 52.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 104.20% |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 299191   | 121.63   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 121.63% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 356335   | 51.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 103.08% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 264152   | 53.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.20% |

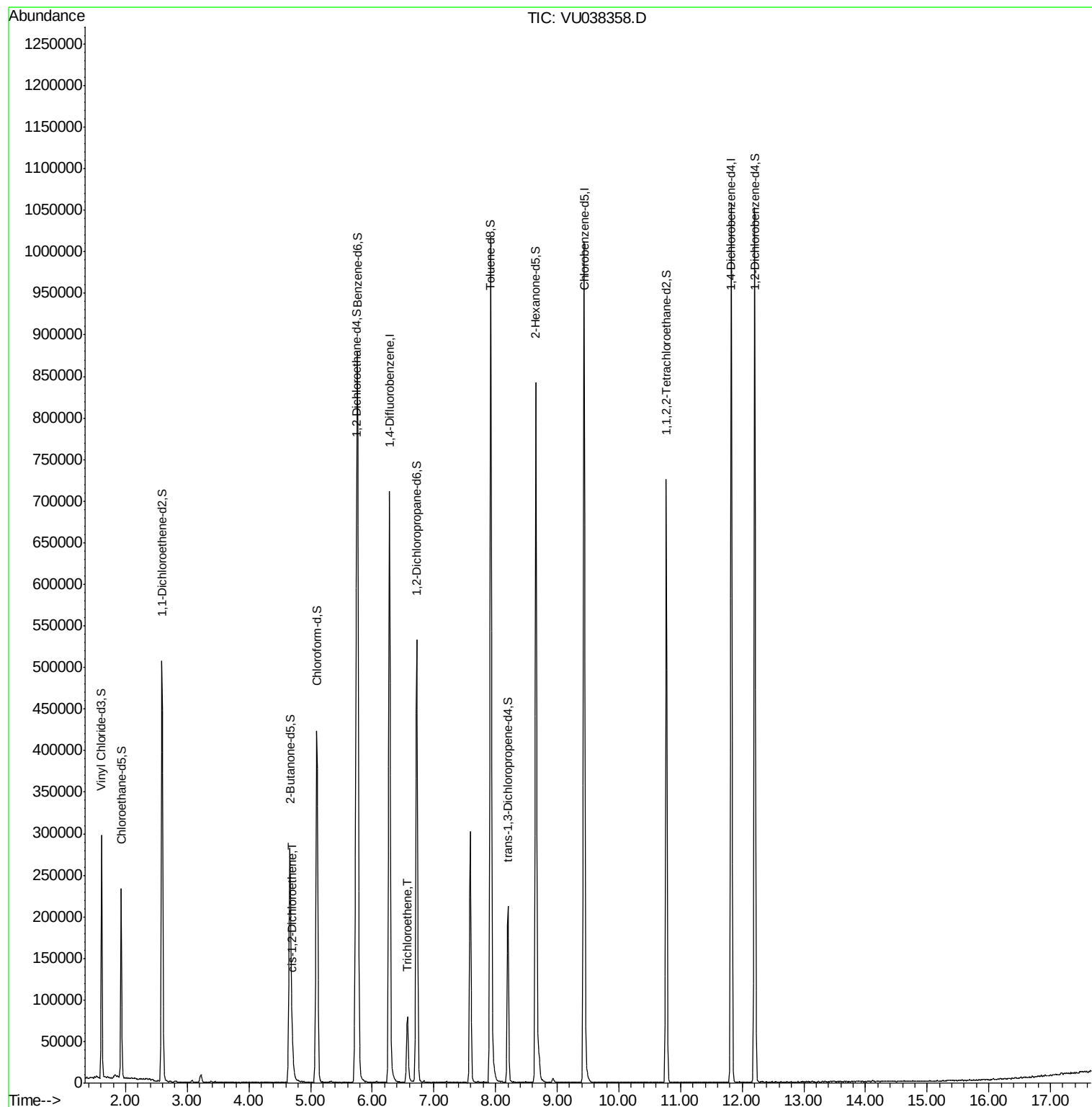
| Target Compounds           | R.T. | QIon | Response | Conc | Units | Qvalue |
|----------------------------|------|------|----------|------|-------|--------|
| 20) cis-1,2-Dichloroethene | 4.71 | 96   | 13386    | 3.13 | ug/L  | 96     |
| 34) Trichloroethene        | 6.57 | 95   | 25204    | 6.05 | ug/L  | 96     |

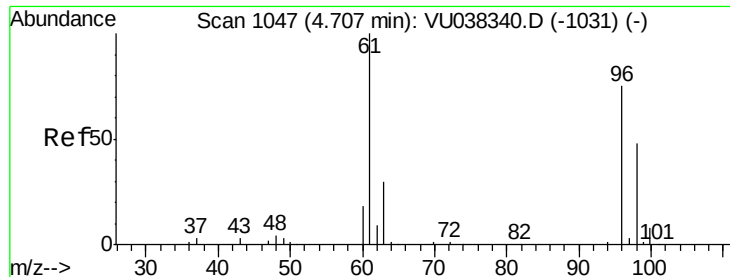
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri May 29 04:31:03 2020  
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 3.13 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038358.D

Acq: 28 May 2020 19:56

Instrument :

MSVOA\_U

ClientSampleId :

VIBLK33

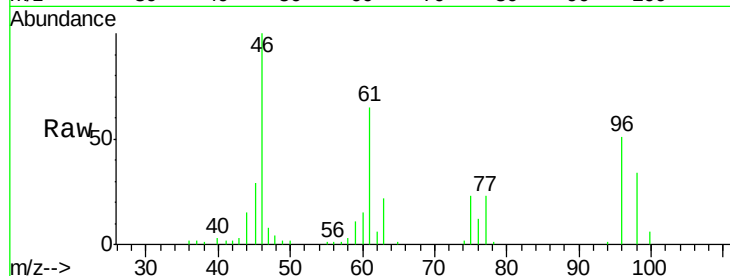
Tgt Ion: 96 Resp: 13386

Ion Ratio Lower Upper

96 100

61 128.2 93.4 173.4

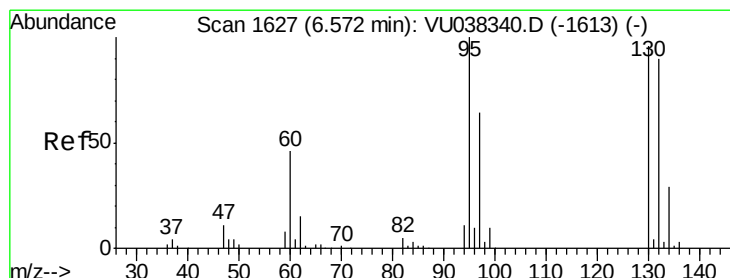
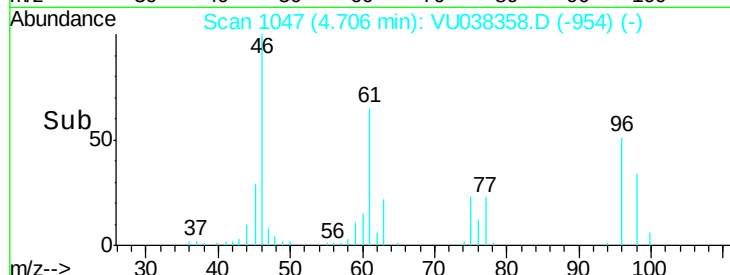
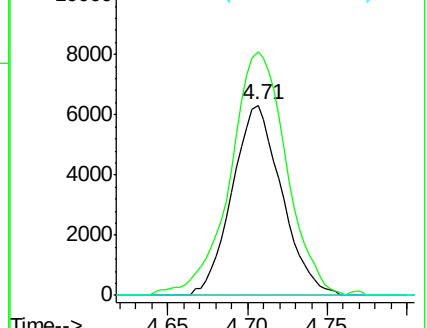
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038358.D (-1534) (-)

Ion 61.00 (60.70 to 61.70): VU038358.D (-1534) (-)

Ion 68.00 (67.70 to 68.70): VU038358.D (-1534) (-)



#34

Trichloroethene

Concen: 6.05 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038358.D

Acq: 28 May 2020 19:56

Tgt Ion: 95 Resp: 25204

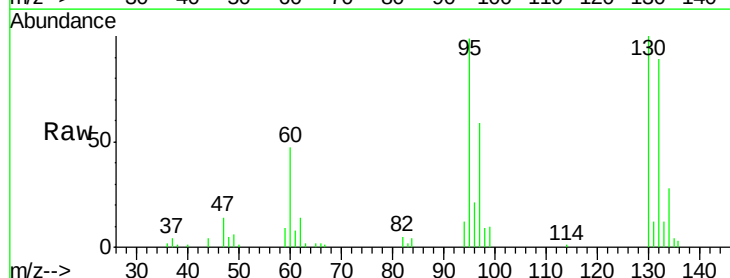
Ion Ratio Lower Upper

95 100

97 59.1 44.3 82.3

132 89.1 64.7 120.1

130 100.5 68.5 127.1



Abundance Ion 95.00 (94.70 to 95.70): VU038358.D (-1534) (-)

Ion 97.00 (96.70 to 97.70): VU038358.D (-1534) (-)

Ion 132.00 (131.70 to 132.70): VU038358.D (-1534) (-)

Ion 130.00 (129.70 to 130.70): VU038358.D (-1534) (-)

