

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060719\  
 Data File : VU032533.D  
 Acq On : 07 Jun 2019 11:09  
 Operator : JC/SP  
 Sample : K3224-03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0C60

Quant Time: Jun 07 22:31:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 07 22:19:39 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 206138   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 188866   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 97077    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 75172    | 56.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 112.42% |
| 7) Chloroethane-d5             | 1.68    | 69    | 57963    | 53.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 107.86% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 107758   | 41.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 82.30%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 122495   | 109.45   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 109.45% |
| 24) Chloroform-d               | 4.64    | 84    | 128450   | 51.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.00% |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 83563    | 53.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.36% |
| 32) Benzene-d6                 | 5.33    | 84    | 269896   | 55.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 110.10% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 84073    | 54.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 109.36% |
| 41) Toluene-d8                 | 7.56    | 98    | 247942   | 53.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.66% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 38410    | 52.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 104.40% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 80238    | 107.59   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 107.59% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 115612   | 51.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 103.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 100075   | 53.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.64% |

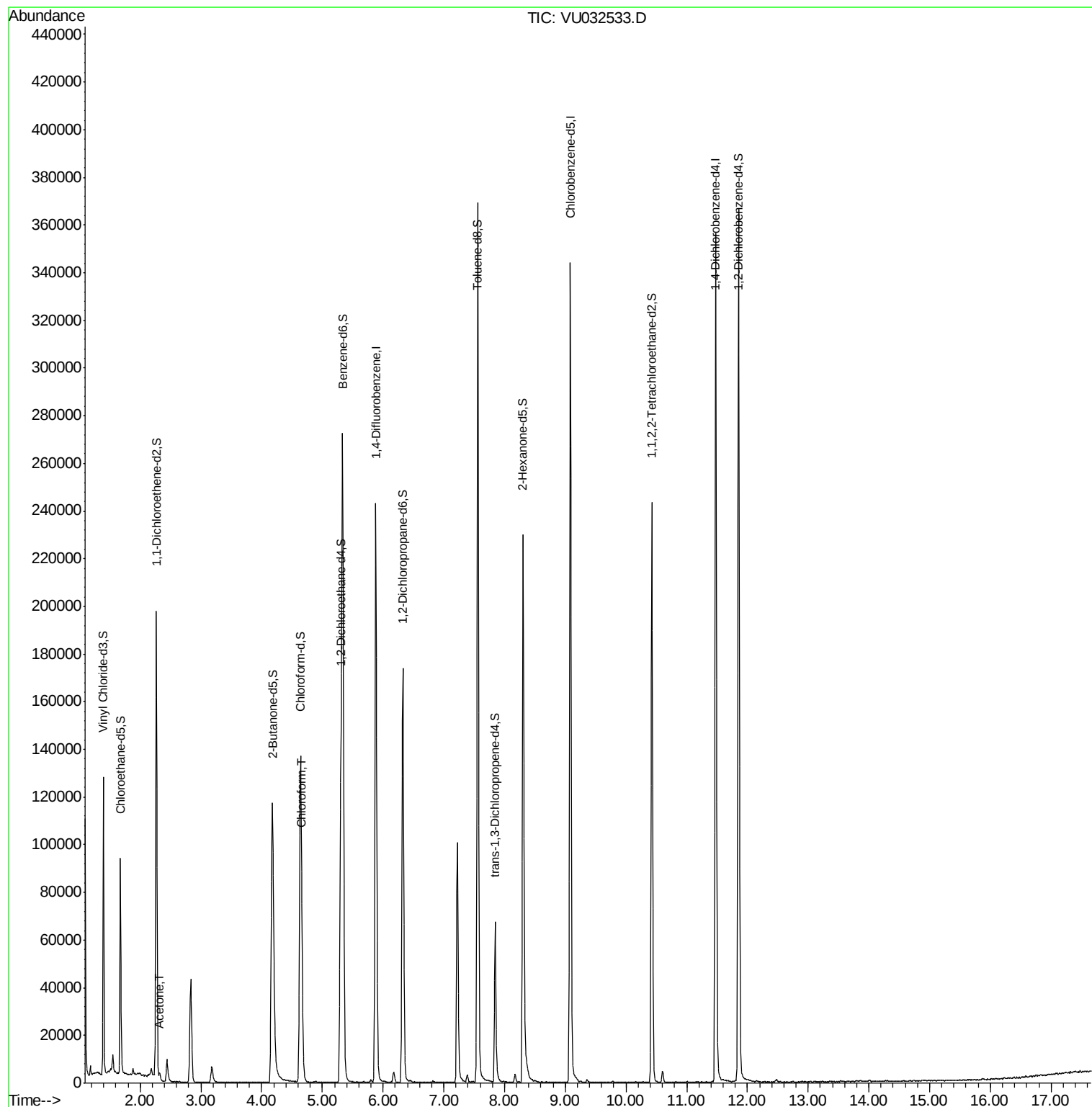
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 2457  | 2.128 ug/L | 82     |
| 25) Chloroform   | 4.67 | 83 | 23762 | 9.529 ug/L | 96     |

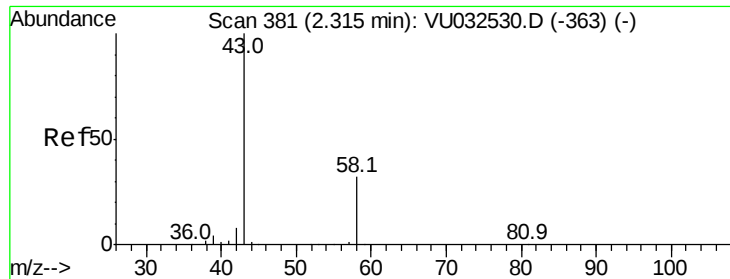
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Jun 07 22:19:39 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 2.128 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032533.D

Acq: 07 Jun 2019 11:09

Instrument :

MSVOA\_U

ClientSampled :

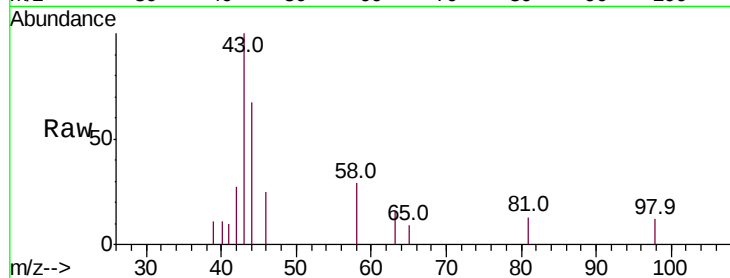
C0C60

Tot Ion: 43 Resp: 2457

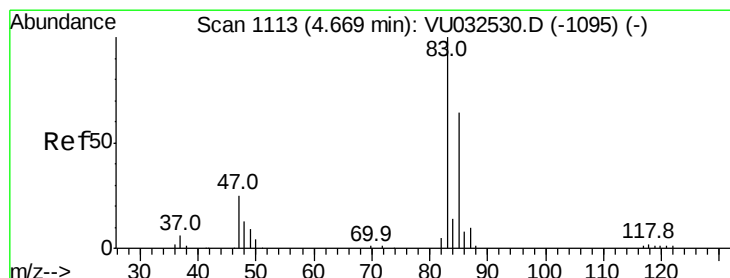
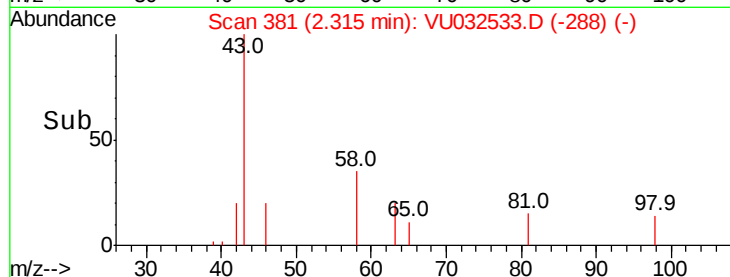
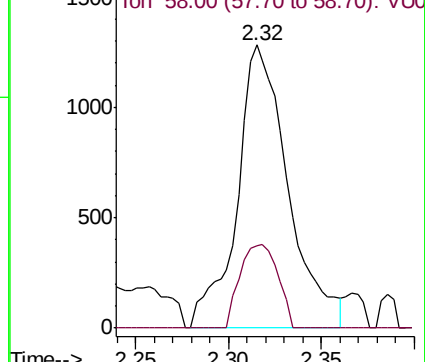
Ion Ratio Lower Upper

43 100

58 21.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032533.D (-288) (-)



#25

Chloroform

Concen: 9.529 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU032533.D

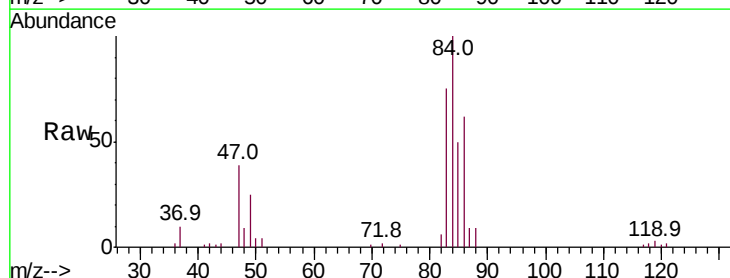
Acq: 07 Jun 2019 11:09

Tgt Ion: 83 Resp: 23762

Ion Ratio Lower Upper

83 100

85 67.1 44.7 82.9



Abundance Ion 83.00 (82.70 to 83.70): VU032533.D (-1020) (-)

