

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\  
 Data File : VU031714.D  
 Acq On : 02 May 2019 16:02  
 Operator : JC/SP  
 Sample : K2661-08  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B28

Quant Time: May 03 07:23:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 03 04:37:29 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 948536   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 895236   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 404245   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 361149   | 45.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.98%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 277114   | 45.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.34%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 520807   | 32.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.88%  |
| 21) 2-Butanone-d5              | 4.19    | 46    | 701367   | 97.51    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.51%  |
| 24) Chloroform-d               | 4.64    | 84    | 616423   | 42.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 409279   | 43.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.18%  |
| 32) Benzene-d6                 | 5.33    | 84    | 1262784  | 45.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.88%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 452644   | 46.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.60%  |
| 41) Toluene-d8                 | 7.56    | 98    | 1108976  | 46.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.64%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 192972   | 46.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.96%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 480566   | 114.80   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 114.80% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 578655   | 44.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.16%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 392793   | 46.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.40%  |

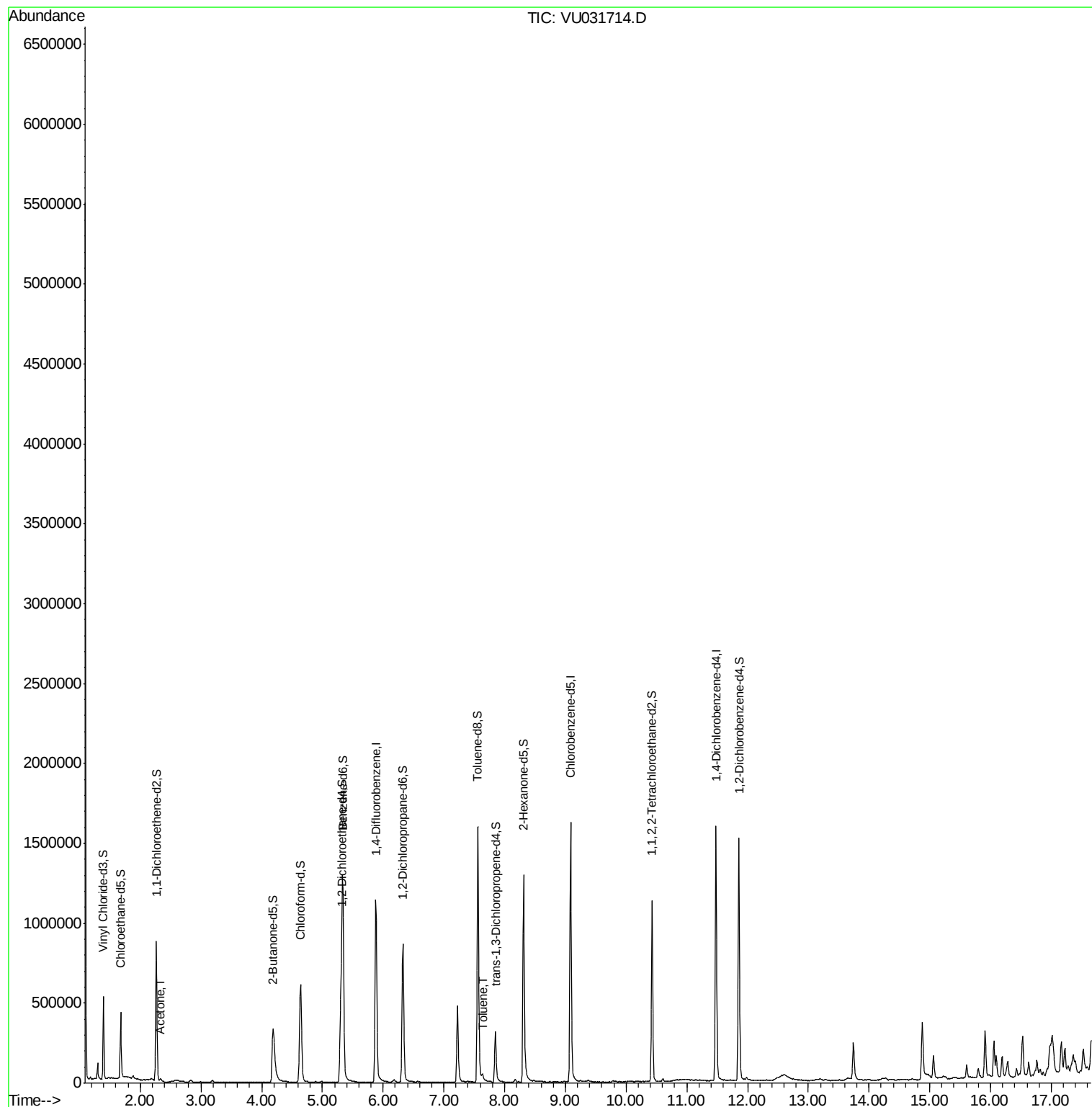
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.34 | 43 | 20302 | 2.506 ug/L | 61     |
| 42) Toluene      | 7.64 | 91 | 22963 | 0.700 ug/L | 98     |

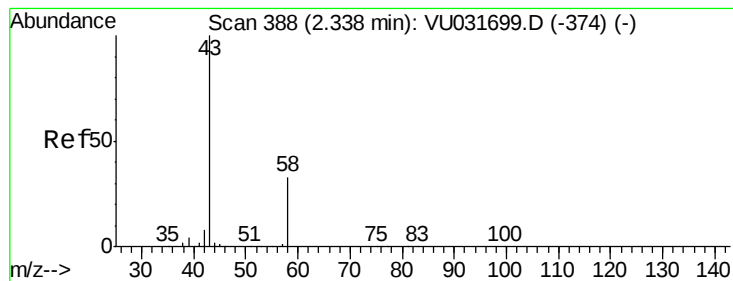
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri May 03 04:37:29 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 2.506 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: VU031714.D

Acq: 02 May 2019 16:02

Instrument :

MSVOA\_U

ClientSampleId :

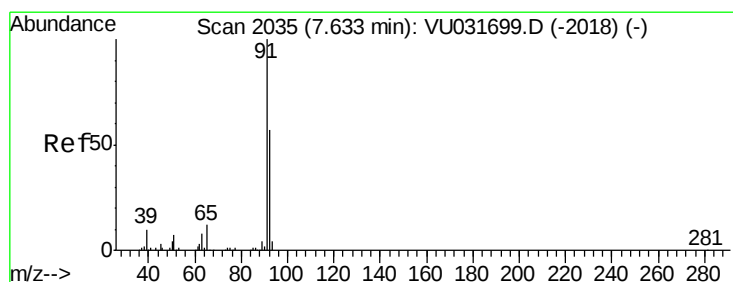
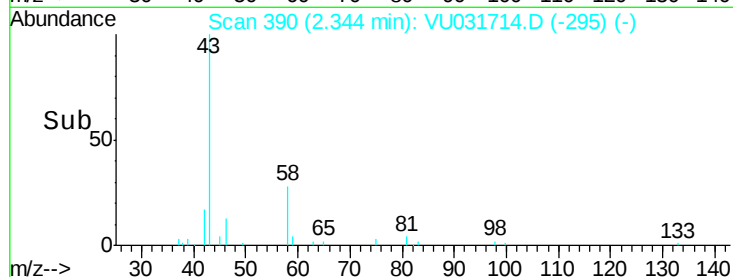
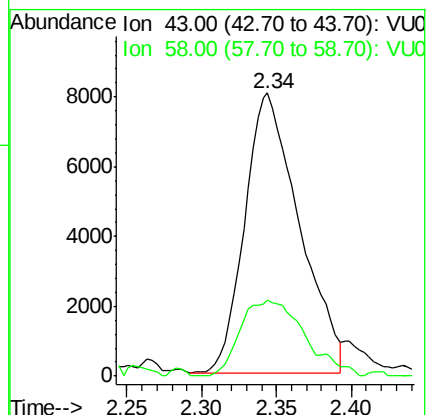
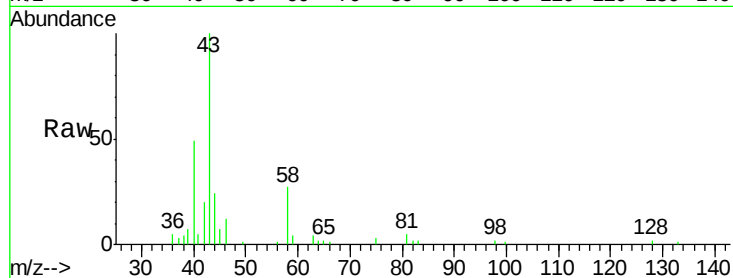
C0B28

Tot Ion: 43 Resp: 20302

Ion Ratio Lower Upper

43 100

58 10.4 0.0 64.4



#42

Toluene

Concen: 0.700 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031714.D

Acq: 02 May 2019 16:02

Tgt Ion: 91 Resp: 22963

Ion Ratio Lower Upper

91 100

92 57.2 39.0 72.4

