

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\  
 Data File : VU031175.D  
 Acq On : 13 Apr 2019 22:51  
 Operator : JC/SP  
 Sample : K2403-07  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A5124

Quant Time: Apr 15 12:14:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 13 23:49:21 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 485317   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 460678   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 176585   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 178375   | 41.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 82.34%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 146072   | 44.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.84%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 251508   | 32.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.20%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 314789   | 91.68    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 91.68%  |
| 24) Chloroform-d               | 4.64    | 84    | 323898   | 48.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.88%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 219807   | 48.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.36%  |
| 32) Benzene-d6                 | 5.33    | 84    | 659490   | 49.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.08%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 223512   | 48.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.00%  |
| 41) Toluene-d8                 | 7.56    | 98    | 553753   | 46.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.90%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 92326    | 43.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.86%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 194573   | 92.37    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.37%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 307138   | 49.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 197222   | 56.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 113.58% |

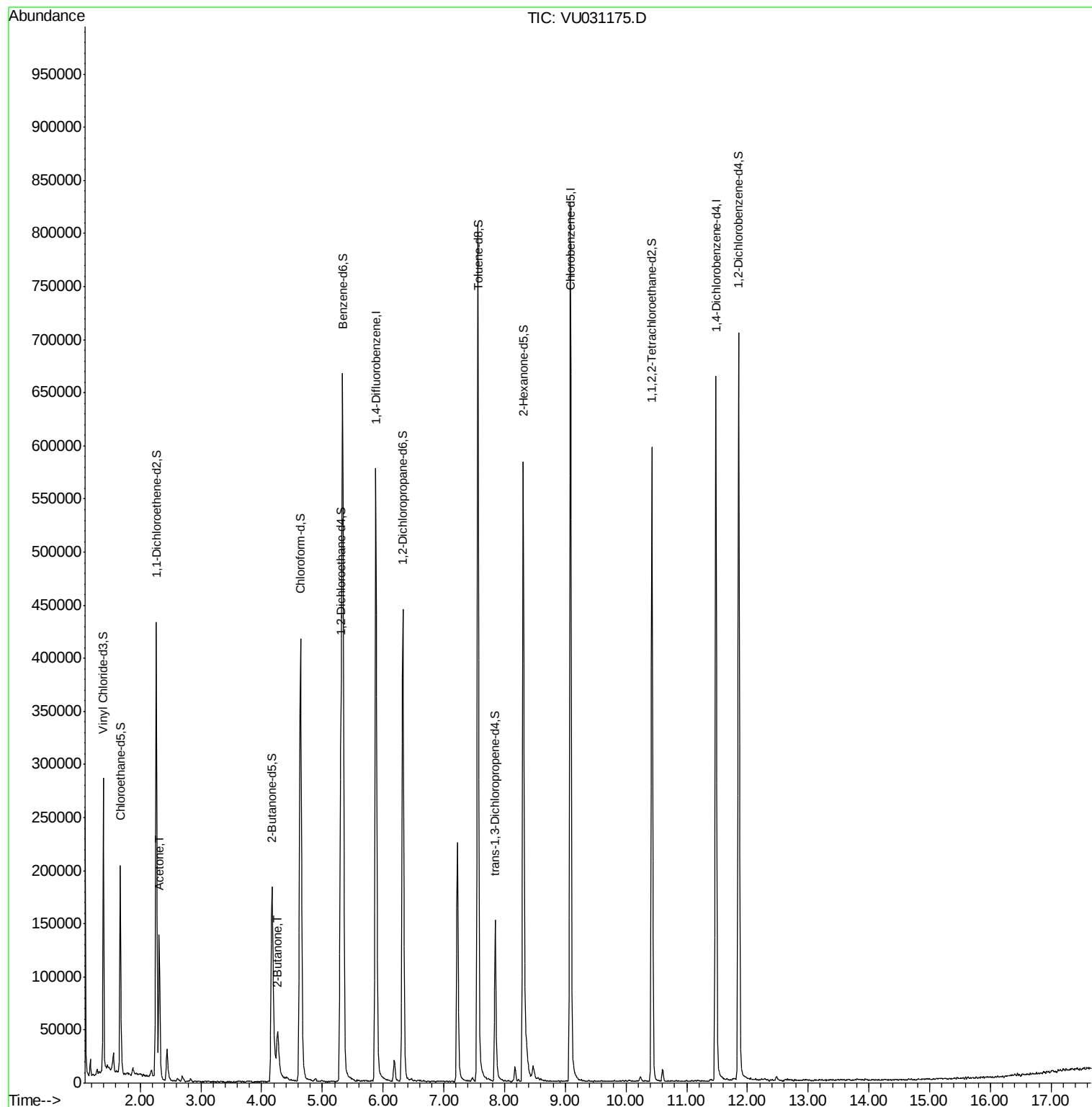
| Target Compounds |      |    |        |             | Ovalue |
|------------------|------|----|--------|-------------|--------|
| 13) Acetone      | 2.32 | 43 | 135573 | 38.586 ug/L | 100    |
| 22) 2-Butanone   | 4.26 | 43 | 70557  | 17.128 ug/L | 80     |

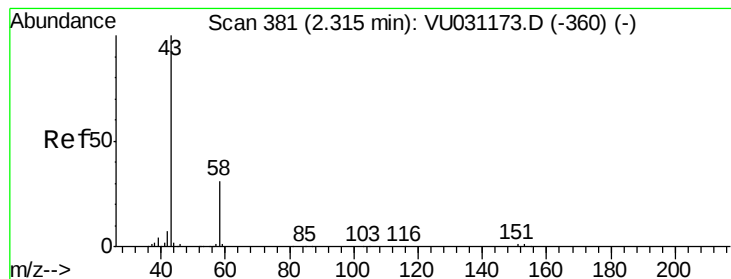
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 38.586 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031175.D

Acq: 13 Apr 2019 22:51

Instrument :

MSVOA\_U

ClientSampleId :

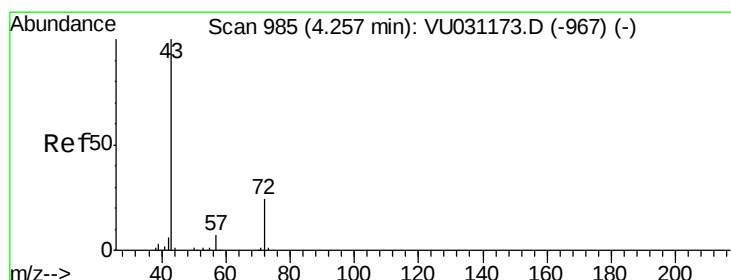
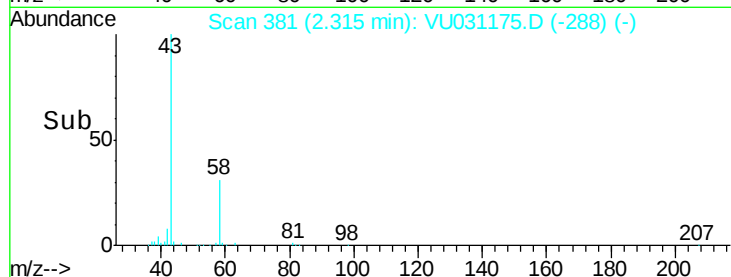
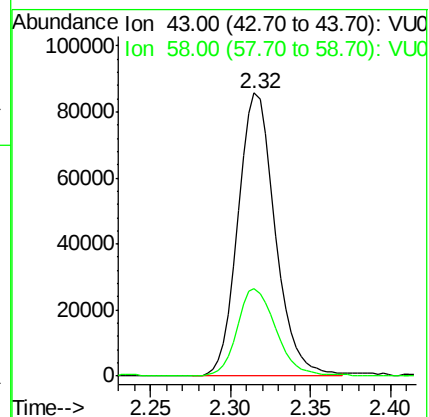
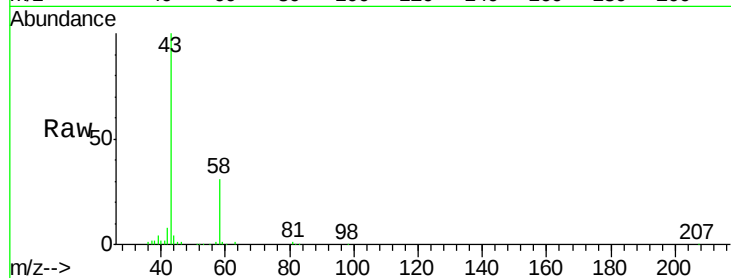
A5124

Tot Ion: 43 Resp: 135573

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.0



#22

2-Butanone

Concen: 17.128 ug/L

RT: 4.26 min Scan# 987

Delta R.T. 0.01 min

Lab File: VU031175.D

Acq: 13 Apr 2019 22:51

Tgt Ion: 43 Resp: 70557

Ion Ratio Lower Upper

43 100

72 12.2 10.8 32.4

