

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\  
 Data File : VU033081.D  
 Acq On : 28 Jun 2019 19:31  
 Operator : JC/SP  
 Sample : K3597-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAM60

Manual Integrations  
 APPROVED

MMDadoda  
 7/1/2019 1:04:38 PM

Quant Time: Jun 29 02:08:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jun 29 00:59:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 87737    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 90260    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 43651    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 18374    | 3.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 63.00%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 18501    | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 77.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 31832    | 2.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 50.20%# |
| 20) 2-Butanone-d5              | 4.19   | 46    | 90285    | 50.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.84% |
| 24) Chloroform-d               | 4.64   | 84    | 48925    | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.30   | 65    | 29955    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.40%  |
| 32) Benzene-d6                 | 5.33   | 84    | 86829    | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 77.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 30416    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 83.80%  |
| 41) Toluene-d8                 | 7.56   | 98    | 73575    | 3.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 68.40%# |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 11557    | 3.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 58637    | 46.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.82%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 28248    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 37448    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.60%  |

| Target Compounds |      |    |        |             | Ovalue |
|------------------|------|----|--------|-------------|--------|
| 13) Acetone      | 2.32 | 43 | 68724  | 45.998 ug/L | 97     |
| 21) 2-Butanone   | 4.28 | 43 | 12289m | 5.843 ug/L  |        |

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

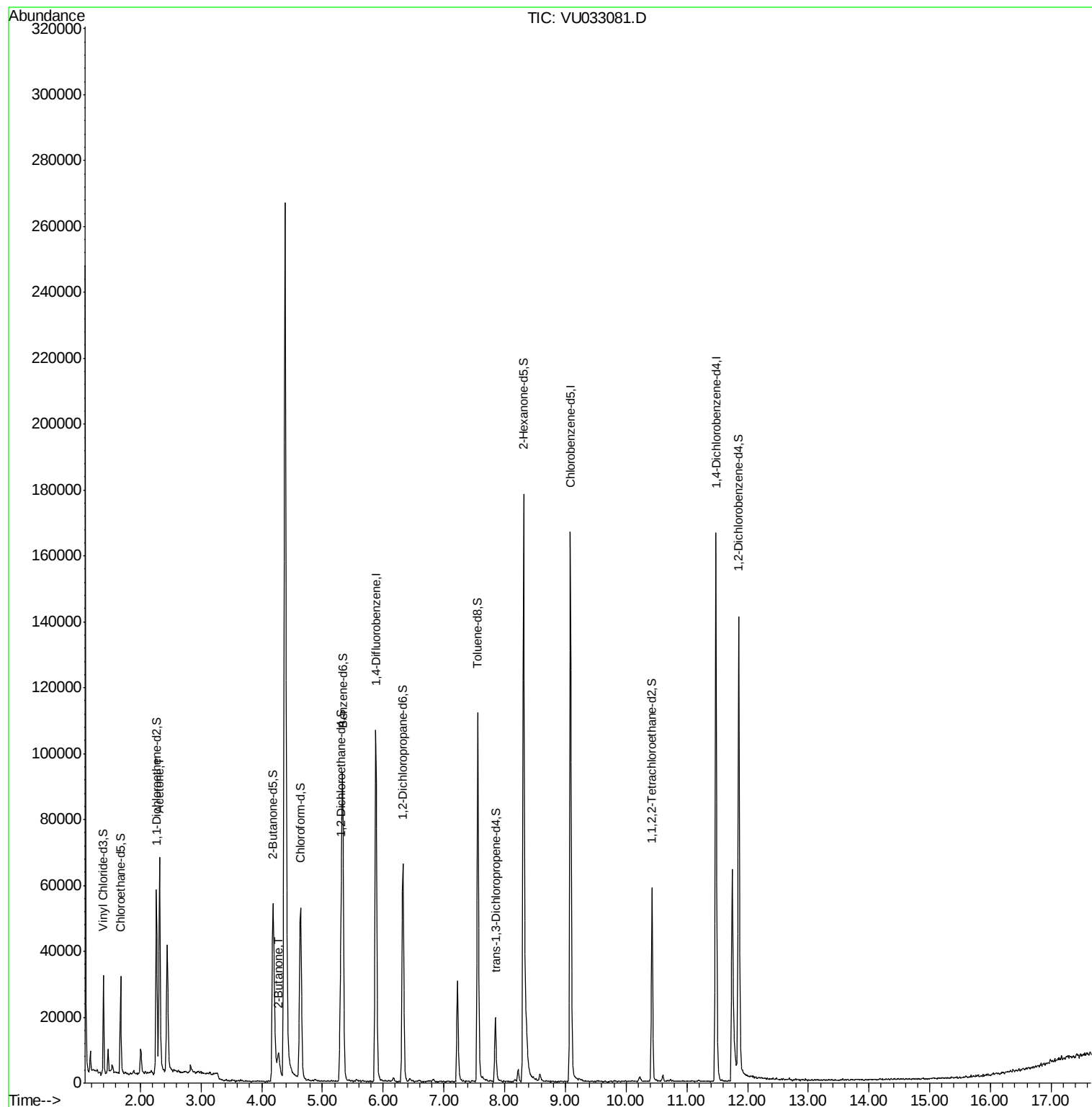
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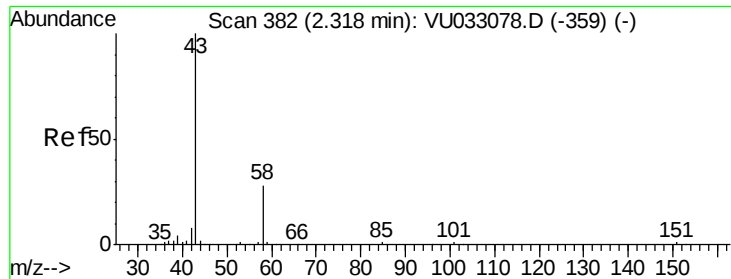
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#13

Acetone

Concen: 45.998 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU033081.D

Acq: 28 Jun 2019 19:31

Instrument :

MSVOA\_U

ClientSampleId :

GAM60

Tot Ion: 43 Resp: 68724

Ion Ratio Lower Upper

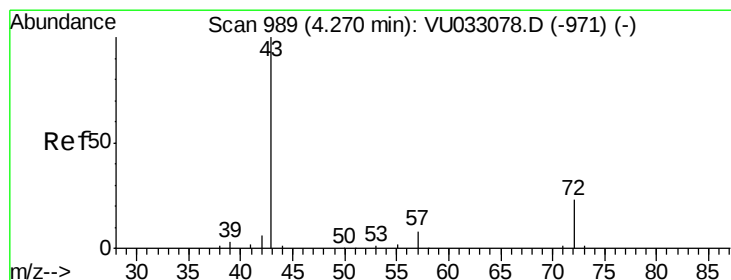
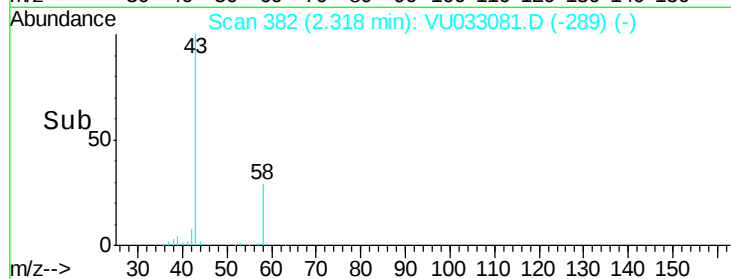
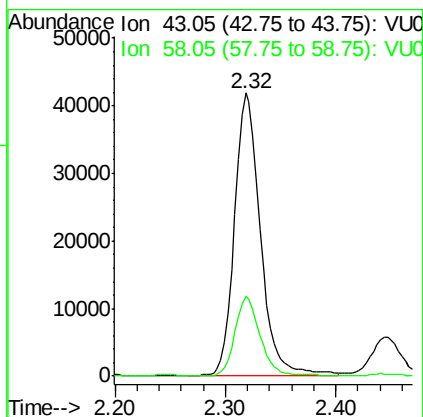
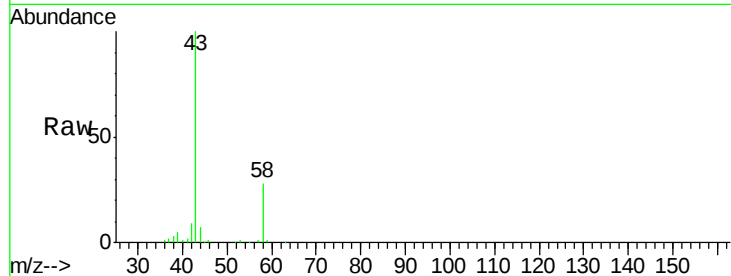
43 100

58 27.6 0.0 51.8

Manual Integrations  
APPROVED

MMDadoda

7/1/2019 1:04:38 PM



#21

2-Butanone

Concen: 5.843 ug/L m

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU033081.D

Acq: 28 Jun 2019 19:31

Tgt Ion: 43 Resp: 12289

Ion Ratio Lower Upper

43 100

72 1.9 11.5 34.5#

