

Data File : VU033640.D  
Acq On : 08 Aug 2019 16:15  
Operator : JC/SP  
Sample : K4161-07  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETOF9

Quant Time: Aug 09 08:06:07 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080819WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Aug 09 07:39:51 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 307810   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 303361   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 139878   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 90467    | 26.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 52.06%# |
| 7) Chloroethane-d5             | 1.67    | 69    | 85548    | 29.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 58.18%# |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 119803   | 21.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 42.66%# |
| 21) 2-Butanone-d5              | 4.15    | 46    | 191299   | 75.17    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 75.17%  |
| 24) Chloroform-d               | 4.62    | 84    | 174061   | 30.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 60.46%# |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 123508   | 33.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 66.52%# |
| 32) Benzene-d6                 | 5.32    | 84    | 353993   | 31.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 62.58%# |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 119890   | 33.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 66.66%# |
| 41) Toluene-d8                 | 7.55    | 98    | 303331   | 29.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 58.00%# |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 55303    | 31.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.82%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 134642   | 74.77    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 74.77%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 198910   | 35.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 70.70%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 136987   | 35.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 71.70%# |

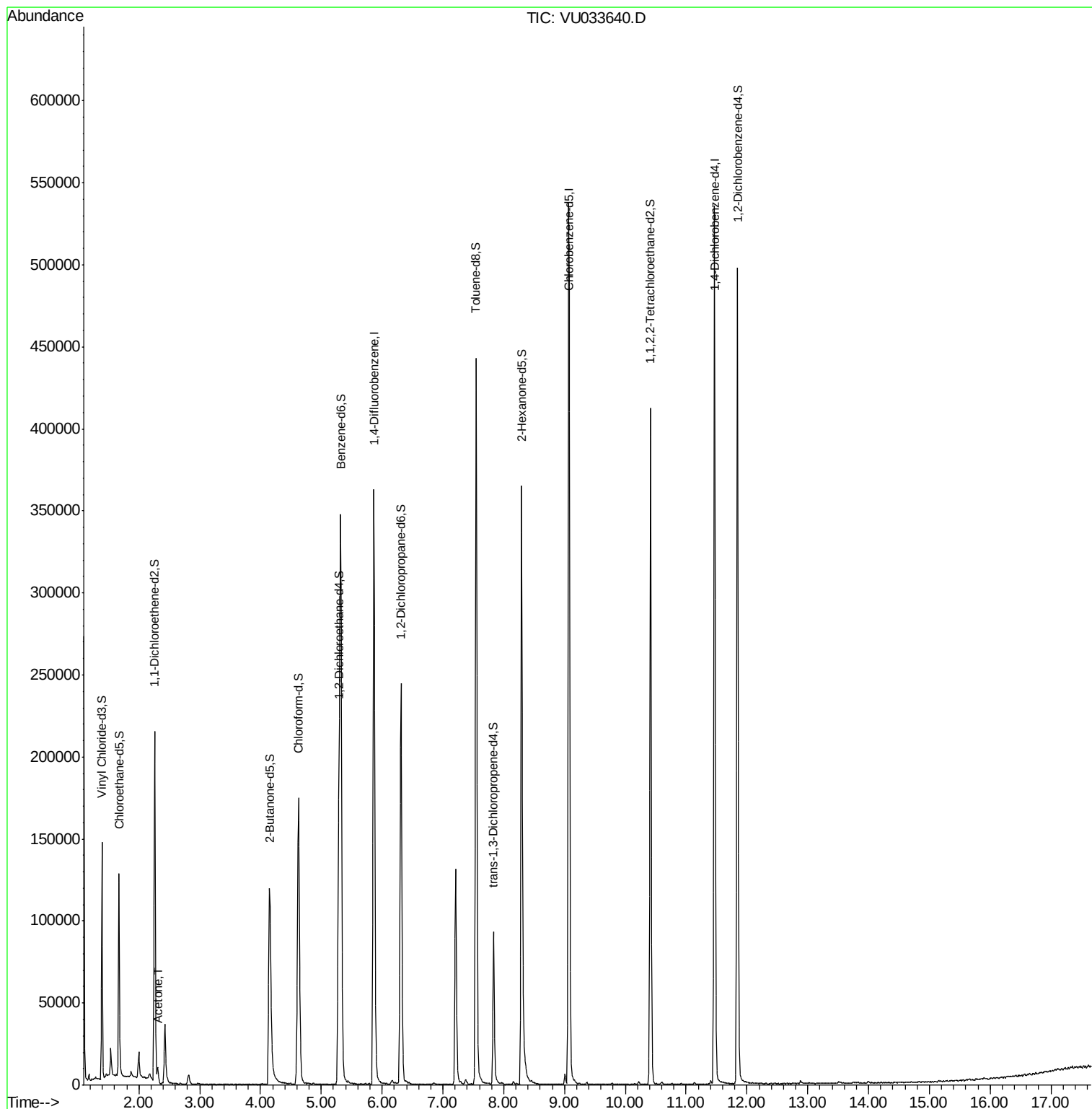
| Target Compounds |      |    |      |            | Qvalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.31 | 43 | 8503 | 4.912 ug/L | 97     |

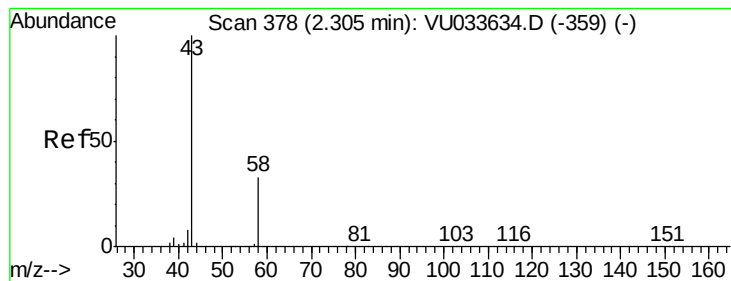
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033640.D  
Acq On : 08 Aug 2019 16:15  
Operator : JC/SP  
Sample : K4161-07  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETOF9

Quant Time: Aug 09 08:06:07 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080819WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Aug 09 07:39:51 2019  
Response via : Initial Calibration





#13  
 Acetone  
 Concen: 4.912 ug/L  
 RT: 2.31 min Scan# 378  
 Delta R.T. 0.00 min  
 Lab File: VU033640.D  
 Acq: 08 Aug 2019 16:15

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETOF9

Tgt Ion: 43 Resp: 8503  
 Ion Ratio Lower Upper  
 43 100  
 58 34.4 0.0 65.0

