

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\  
 Data File : VU026559.D  
 Acq On : 05 Sep 2018 22:02  
 Operator : MD/SY  
 Sample : J4718-04  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEGC0

Quant Time: Sep 06 07:54:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 06 05:59:28 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 164729   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 155503   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 65572    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 44322    | 43.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 86.86%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 41100    | 44.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.18%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 64753    | 28.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 56.34%# |
| 21) 2-Butanone-d5              | 4.18    | 46    | 81527    | 102.92   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.92% |
| 24) Chloroform-d               | 4.65    | 84    | 87131    | 45.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 60069    | 46.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.62%  |
| 32) Benzene-d6                 | 5.34    | 84    | 168295   | 46.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.92%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 60728    | 49.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.64%  |
| 41) Toluene-d8                 | 7.57    | 98    | 149328   | 43.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.32%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 24963    | 44.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.80%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 57072    | 101.07   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 101.07% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 85272    | 47.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.02%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 60352    | 50.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.46% |

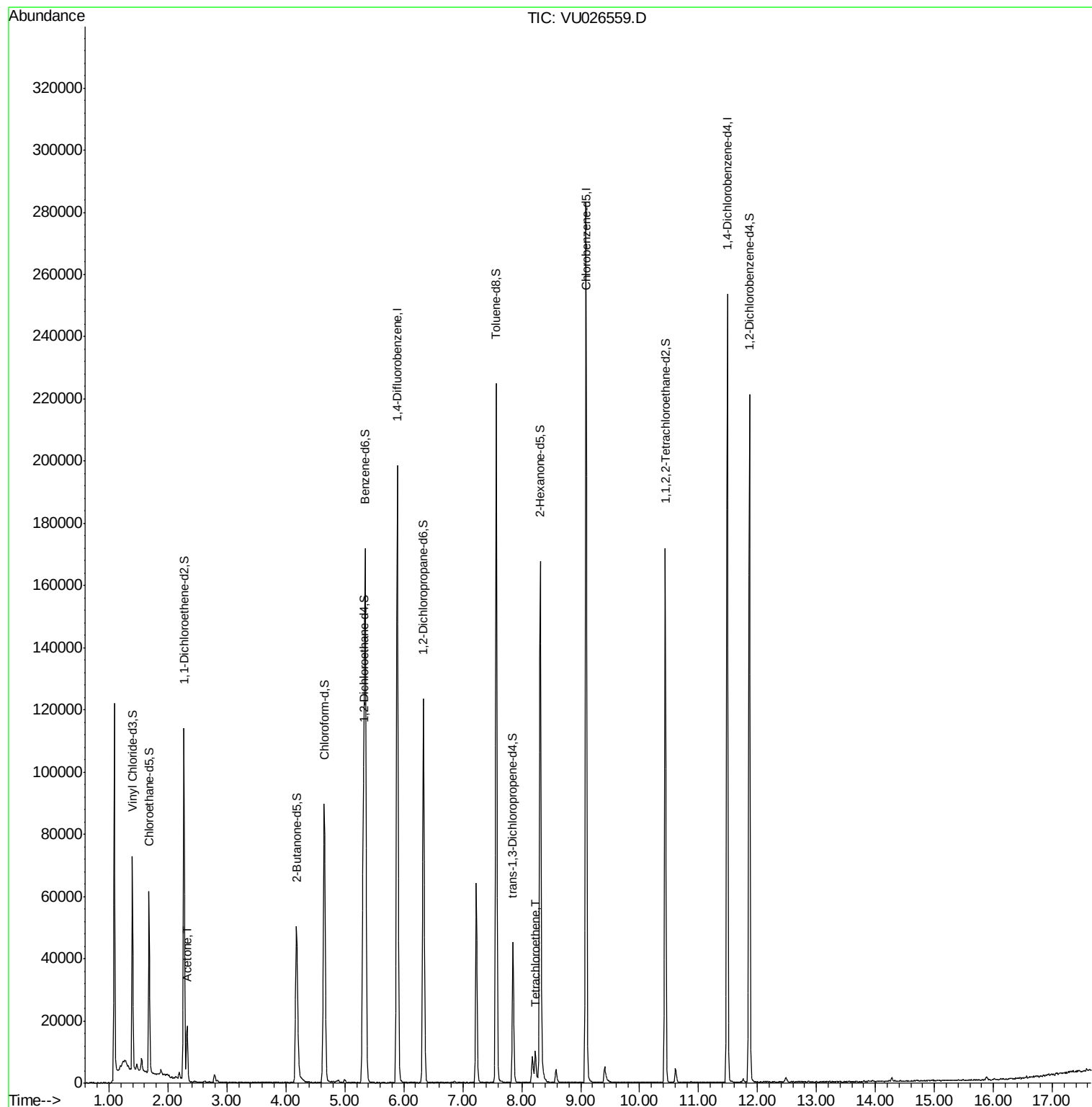
| Target Compounds      |      |     |       |       | Ovalue   |
|-----------------------|------|-----|-------|-------|----------|
| 13) Acetone           | 2.32 | 43  | 18176 | 26.50 | ug/L 100 |
| 46) Tetrachloroethene | 8.23 | 164 | 2024  | 2.21  | ug/L 97  |

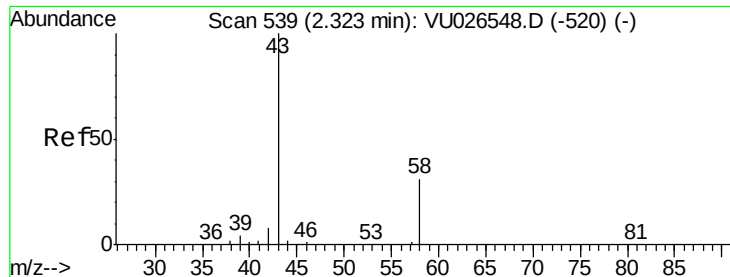
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Thu Sep 06 05:59:28 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 26.50 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026559.D

Acq: 05 Sep 2018 22:02

Instrument :

MSVOA\_U

ClientSampleId :

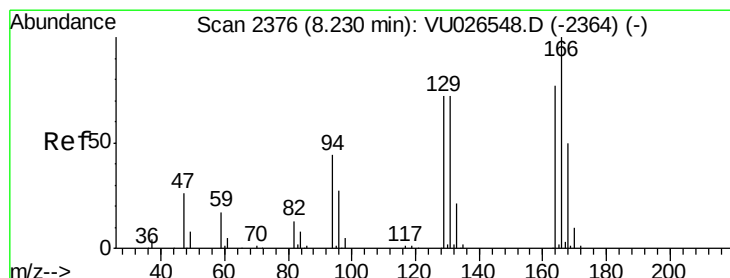
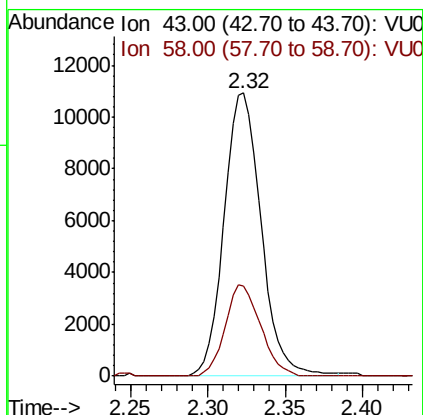
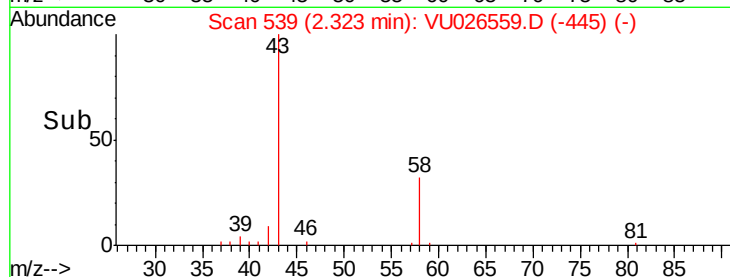
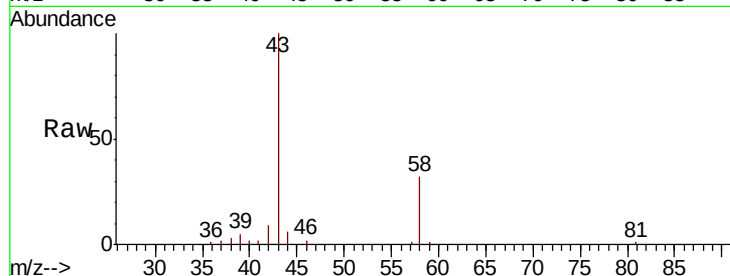
BEGC0

Tot Ion: 43 Resp: 18176

Ion Ratio Lower Upper

43 100

58 30.6 0.0 61.2



#46

Tetrachloroethene

Concen: 2.21 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026559.D

Acq: 05 Sep 2018 22:02

Tgt Ion: 164 Resp: 2024

Ion Ratio Lower Upper

164 100

129 92.6 67.3 125.1

131 97.5 65.3 121.3

166 128.8 90.9 168.7

