

Data Path : W:\HPCHEM1\MSVOA\_U\DATA\VU050218\  
 Data File : VU023586.D  
 Acq On : 02 May 2018 18:45  
 Operator : MD/SY  
 Sample : J2627-13  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 03 05:29:03 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_U\METHOD\SOMULM050118WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 03 05:16:38 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 287997   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 274573   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 130278   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

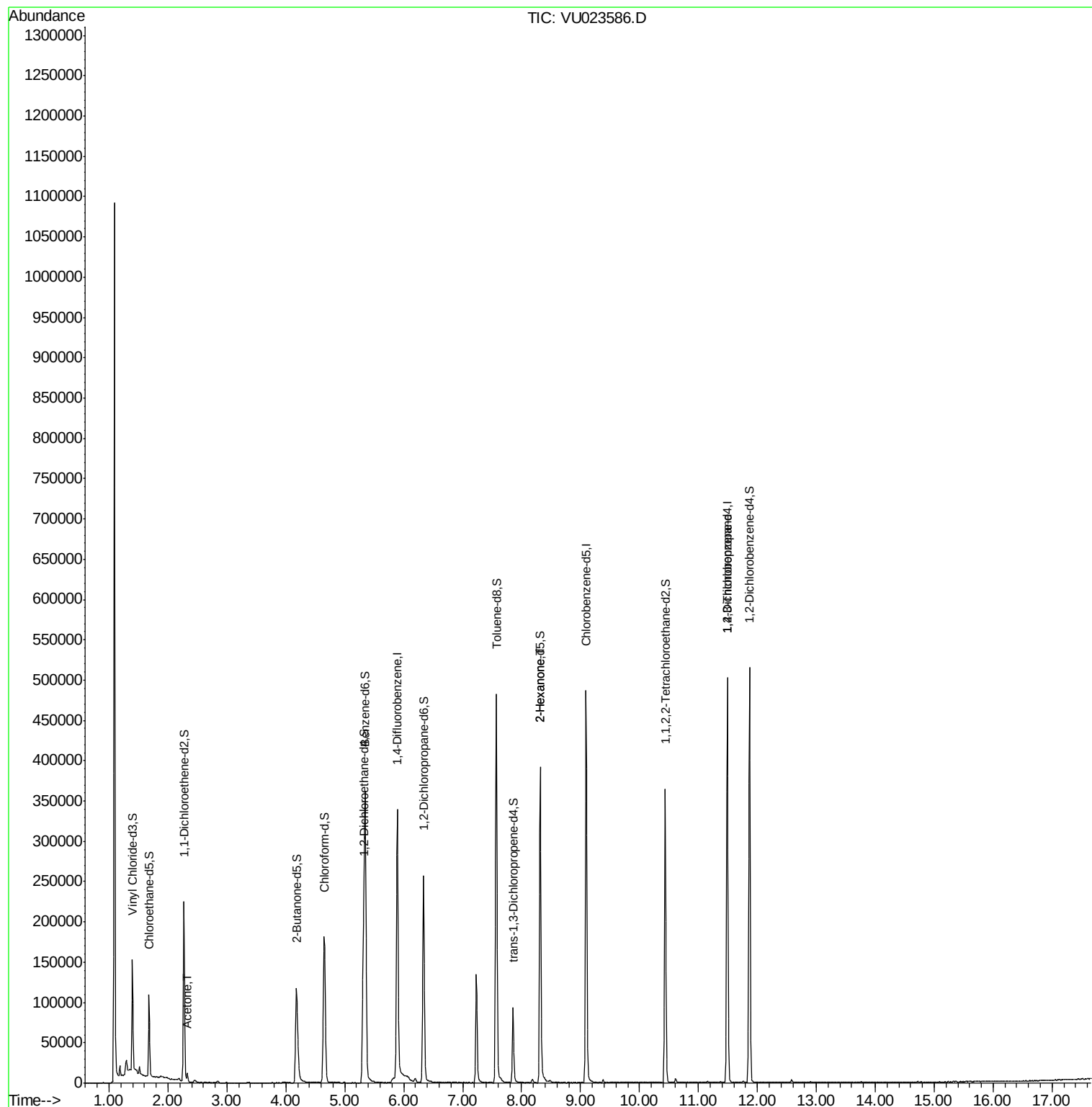
|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 86575    | 42.41    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.82%   |
| 7) Chloroethane-d5             | 1.68    | 69    | 71438    | 45.92    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.84%   |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 129725   | 32.60    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.20%   |
| 21) 2-Butanone-d5              | 4.18    | 46    | 192072   | 136.20   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 136.20%# |
| 24) Chloroform-d               | 4.65    | 84    | 180264   | 53.40    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 124275   | 52.94    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.88%  |
| 32) Benzene-d6                 | 5.35    | 84    | 366203   | 49.71    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.42%   |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 129749   | 52.58    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 105.16%  |
| 41) Toluene-d8                 | 7.57    | 98    | 328161   | 48.32    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.64%   |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 54152    | 50.98    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 101.96%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 135903   | 145.03   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 145.03%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 183654   | 57.54    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 115.08%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.87   | 152   | 137463   | 54.09    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.18%  |

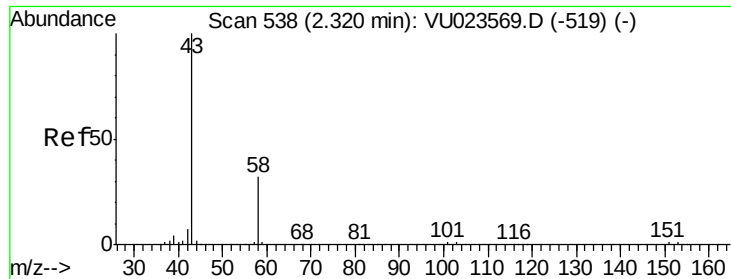
| Target Compounds           |       |    |       |      |        | Qvalue |
|----------------------------|-------|----|-------|------|--------|--------|
| 13) Acetone                | 2.32  | 43 | 10207 | 4.87 | ug/L   | 95     |
| 48) 2-Hexanone             | 8.31  | 43 | 16010 | 5.43 | ug/L # | 67     |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 15912 | 5.20 | ug/L   | 89     |

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

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#13

Acetone

Concen: 4.87 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU023586.D

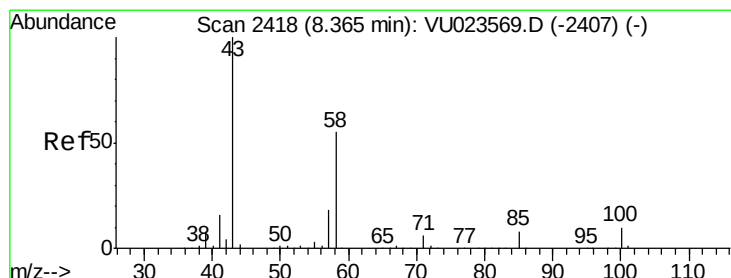
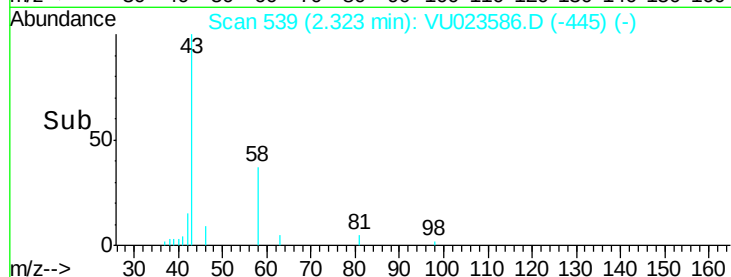
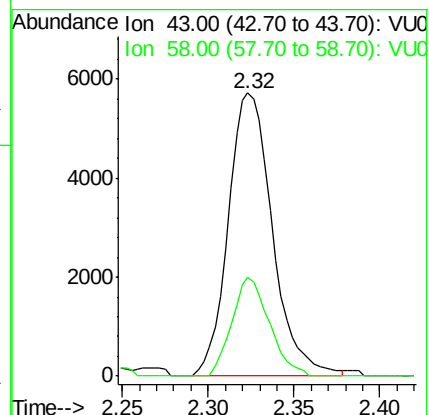
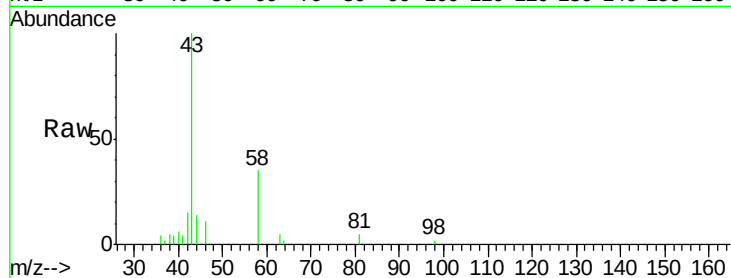
Acq: 02 May 2018 18:45

Tgt Ion: 43 Resp: 10207

Ion Ratio Lower Upper

43 100

58 29.5 0.0 64.8



#48

2-Hexanone

Concen: 5.43 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU023586.D

Acq: 02 May 2018 18:45

Tgt Ion: 43 Resp: 16010

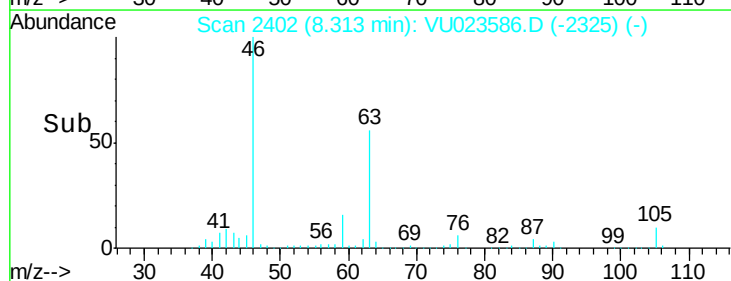
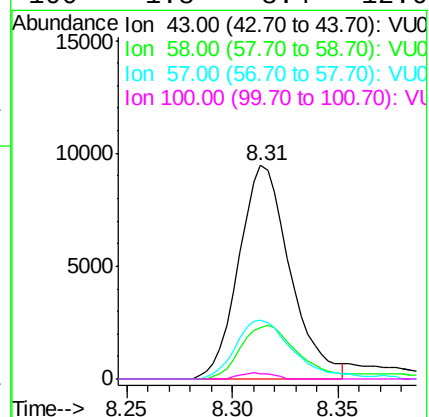
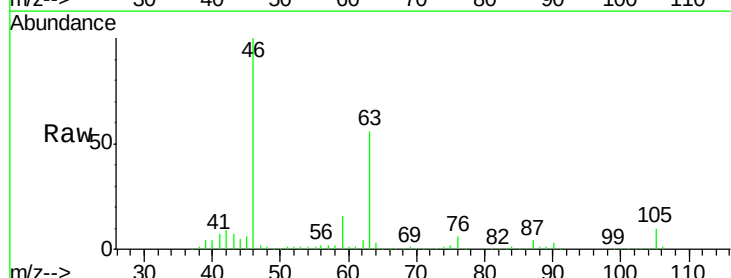
Ion Ratio Lower Upper

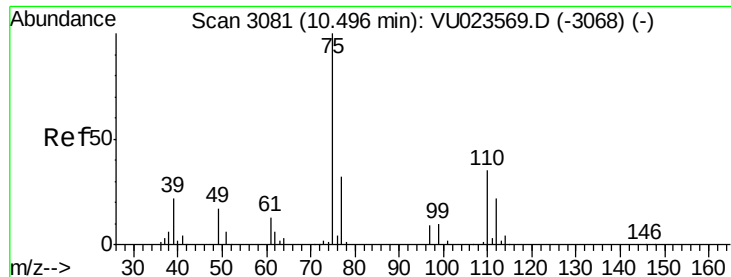
43 100

58 28.1 43.0 64.6#

57 30.8 14.6 22.0#

100 1.8 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 5.20 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023586.D

Acq: 02 May 2018 18:45

Tgt Ion: 75 Resp: 15912

Ion Ratio Lower Upper

75 100

77 38.6 25.9 38.9

