

Data Path : W:\HPCHEM1\MSVOA\_U\DATA\VU052118\  
 Data File : VU023971.D  
 Acq On : 21 May 2018 15:57  
 Operator : MD/SY  
 Sample : J3032-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 22 01:07:43 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_U\METHOD\SOMULM051218WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 22 01:05:00 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 251357   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 251781   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 101393   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

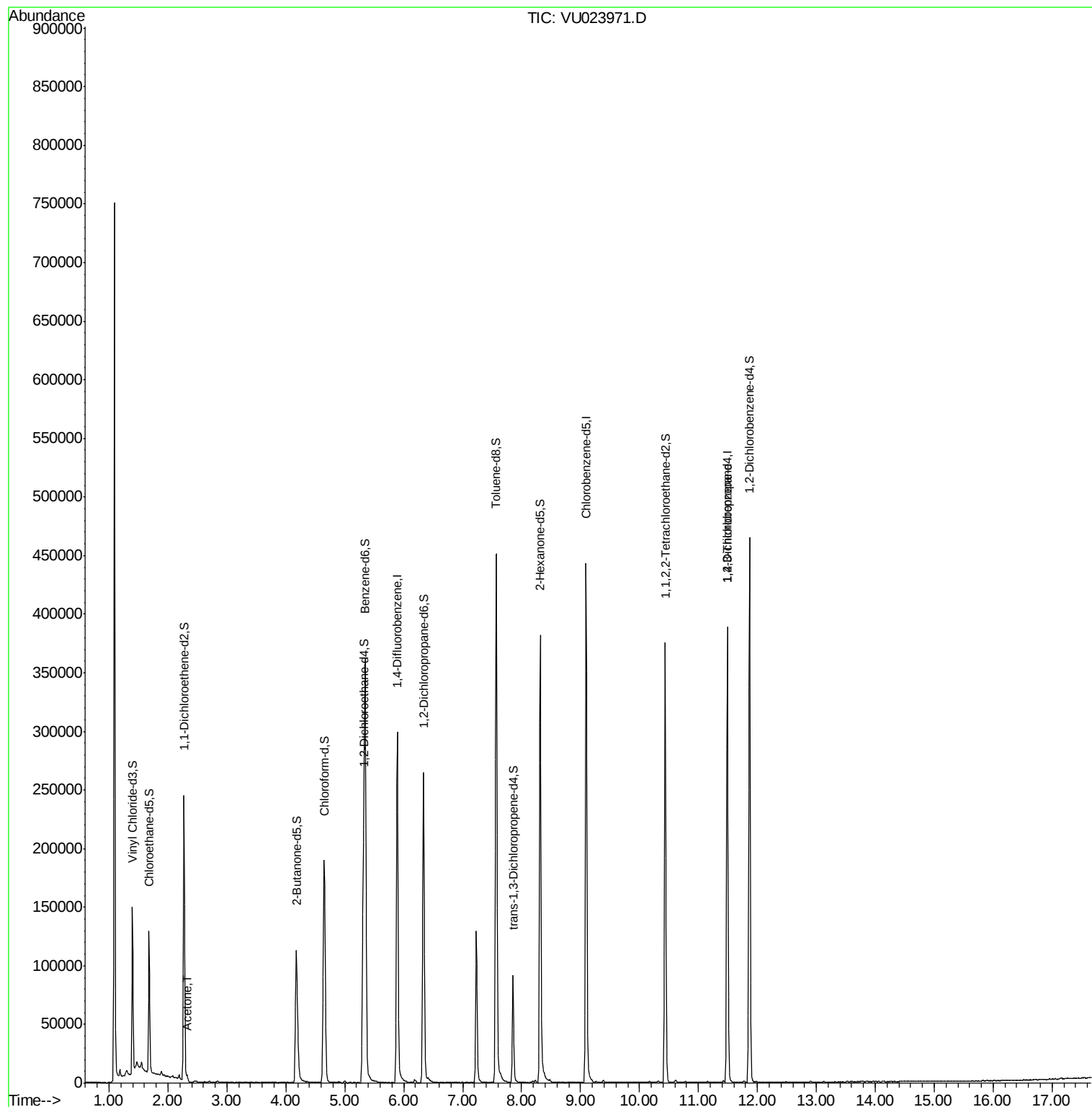
|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 90658    | 38.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 77.62%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 84493    | 45.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.82%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 142132   | 33.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.34%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 176320   | 108.48   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 108.48% |
| 24) Chloroform-d               | 4.65    | 84    | 184681   | 51.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.60% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 129954   | 55.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 110.80% |
| 32) Benzene-d6                 | 5.34    | 84    | 357841   | 48.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.38%  |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 131551   | 52.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 105.98% |
| 41) Toluene-d8                 | 7.57    | 98    | 309902   | 45.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.52%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 50115    | 47.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.98%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 129312   | 113.00   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 113.00% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 184972   | 52.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 105.82% |
| 64) 1,2-Dichlorobenzene-d4     | 11.87   | 152   | 123142   | 56.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 112.46% |

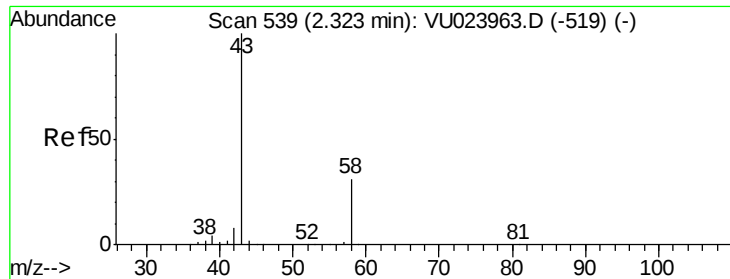
| Target Compounds           |       |    |       |           | Qvalue |
|----------------------------|-------|----|-------|-----------|--------|
| 13) Acetone                | 2.32  | 43 | 3227  | 1.97 ug/L | 92     |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 13224 | 4.16 ug/L | 93     |

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

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QLast Update : Tue May 22 01:05:00 2018  
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#13

Acetone

Concen: 1.97 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU023971.D

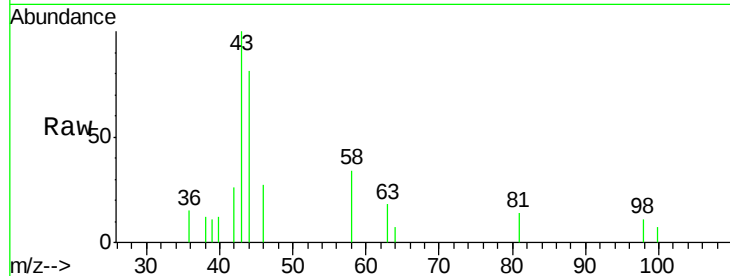
Acq: 21 May 2018 15:57

Tgt Ion: 43 Resp: 3227

Ion Ratio Lower Upper

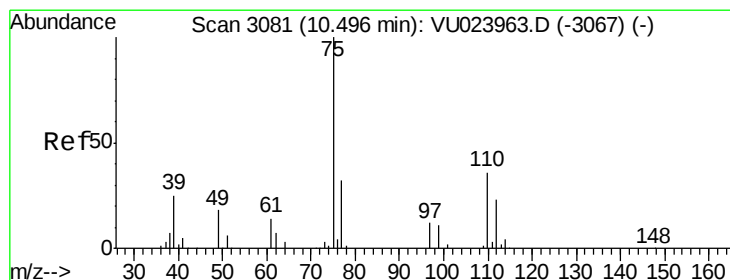
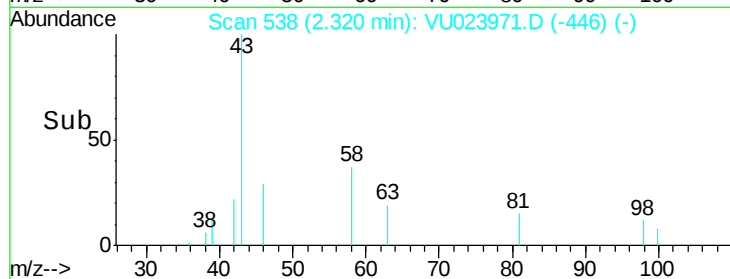
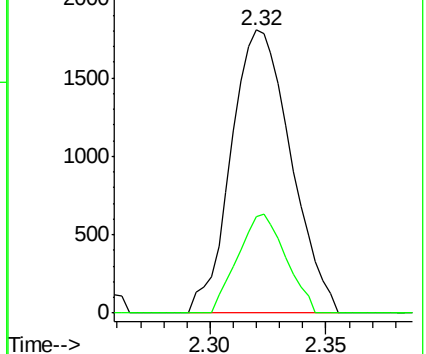
43 100

58 28.2 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.16 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023971.D

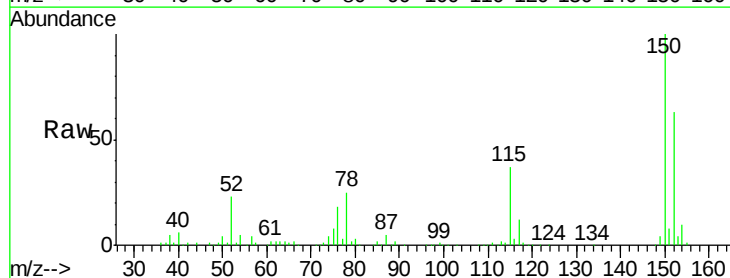
Acq: 21 May 2018 15:57

Tgt Ion: 75 Resp: 13224

Ion Ratio Lower Upper

75 100

77 36.5 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

