

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU080418\  
 Data File : VU025830.D  
 Acq On : 03 Aug 2018 19:57  
 Operator : MD/SY  
 Sample : J4340-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E5F70

Quant Time: Aug 03 23:52:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 03 23:51:54 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 314804   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 301948   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 143769   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 81556    | 45.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.76%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 68479    | 46.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 92.38%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 130906   | 34.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.98%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 148748   | 107.21   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 107.21% |
| 24) Chloroform-d               | 4.65    | 84    | 182359   | 45.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.10%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 125346   | 47.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.70%  |
| 32) Benzene-d6                 | 5.35    | 84    | 356242   | 46.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 116201   | 46.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.14%  |
| 41) Toluene-d8                 | 7.57    | 98    | 330357   | 44.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.96%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 55914    | 43.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.74%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 102869   | 98.46    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 98.46%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 159656   | 45.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.50%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 136578   | 46.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.74%  |

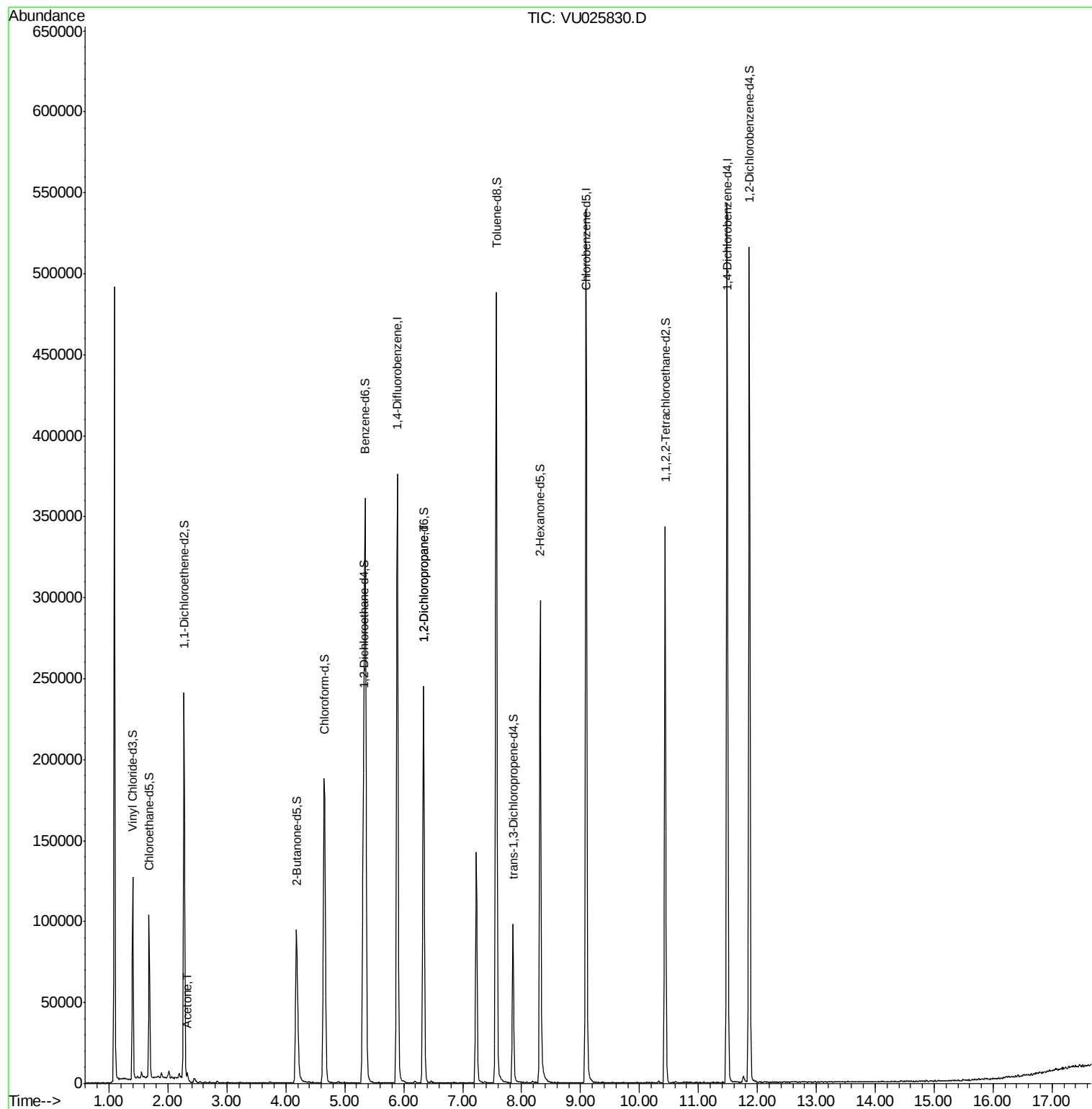
| Target Compounds        |      |    |       |              | Qvalue |
|-------------------------|------|----|-------|--------------|--------|
| 13) Acetone             | 2.33 | 43 | 3346  | 2.055 ug/L   | 89     |
| 37) 1,2-Dichloropropane | 6.33 | 63 | 13394 | 5.649 ug/L # | 88     |

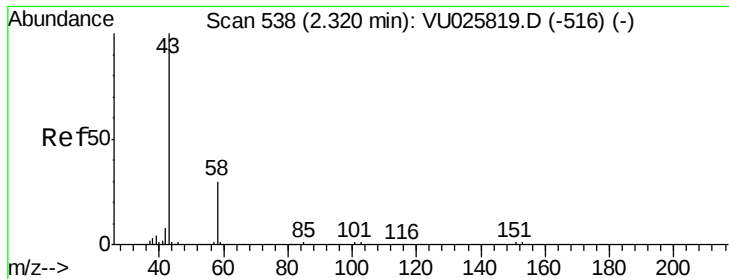
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 23:51:54 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 2.055 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU025830.D

Acq: 03 Aug 2018 19:57

Instrument :

MSVOA\_U

ClientSampleId :

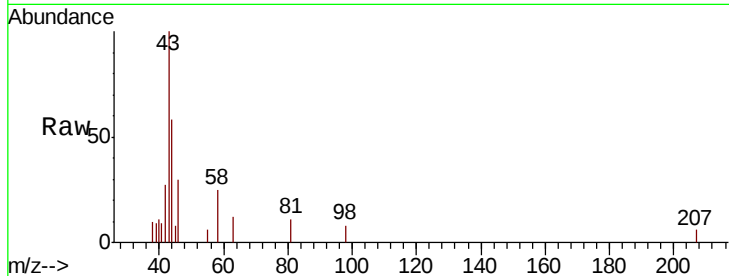
E5F70

Tgt Ion: 43 Resp: 3346

Ion Ratio Lower Upper

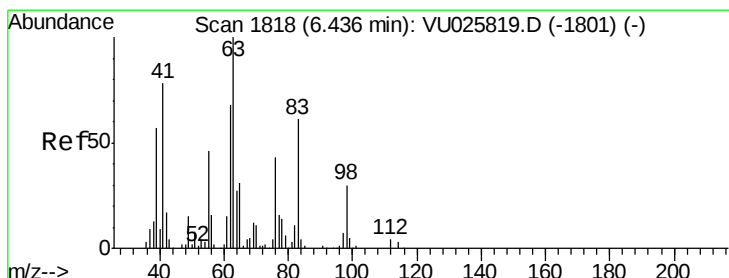
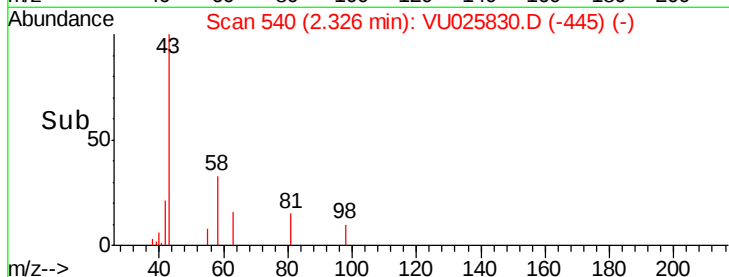
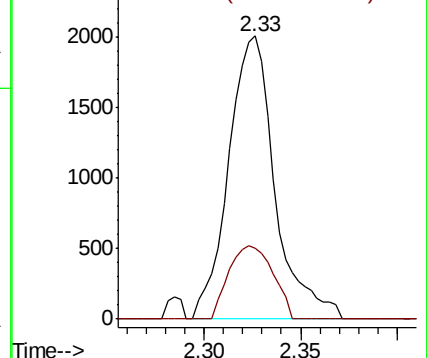
43 100

58 24.8 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU025819.D (-516) (-)

Ion 58.00 (57.70 to 58.70): VU025819.D (-516) (-)



#37

1,2-Dichloropropane

Concen: 5.649 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025830.D

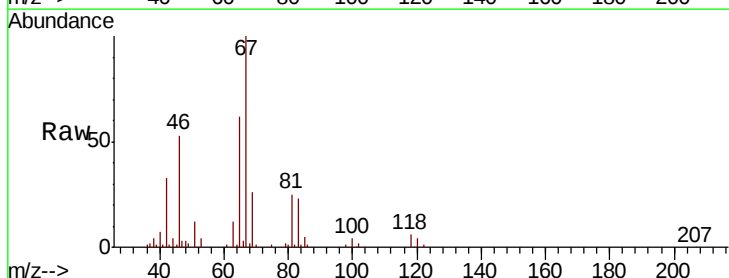
Acq: 03 Aug 2018 19:57

Tgt Ion: 63 Resp: 13394

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU025819.D (-1801) (-)

Ion 112.00 (111.70 to 112.70): VU025819.D (-1801) (-)

