

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091318\  
 Data File : VU026703.D  
 Acq On : 12 Sep 2018 15:45  
 Operator : MD/SY  
 Sample : J4860-02  
 Misc : 13.92g/25mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A41T2

Quant Time: Sep 22 04:24:32 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 13 03:38:50 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 220277   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 214390   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 115147   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 58742    | 35.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 71.56%  |
| 7) Chloroethane-d5             | 1.64    | 69    | 38122    | 28.82    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 57.64%# |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 94527    | 32.18    | ug/L | -0.05   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.36%  |
| 21) 2-Butanone-d5              | 4.20    | 46    | 118823   | 116.32   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 116.32% |
| 24) Chloroform-d               | 4.65    | 84    | 122111   | 44.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.48%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 84167    | 47.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.24%  |
| 32) Benzene-d6                 | 5.33    | 84    | 253811   | 45.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.48%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 89187    | 47.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.80%  |
| 41) Toluene-d8                 | 7.57    | 98    | 231159   | 44.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.80%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 40541    | 46.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.66%  |
| 47) 2-Hexanone-d5              | 8.32    | 63    | 94649    | 124.58   | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 124.58% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 139997   | 54.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 109.82% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 110754   | 48.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.50%  |

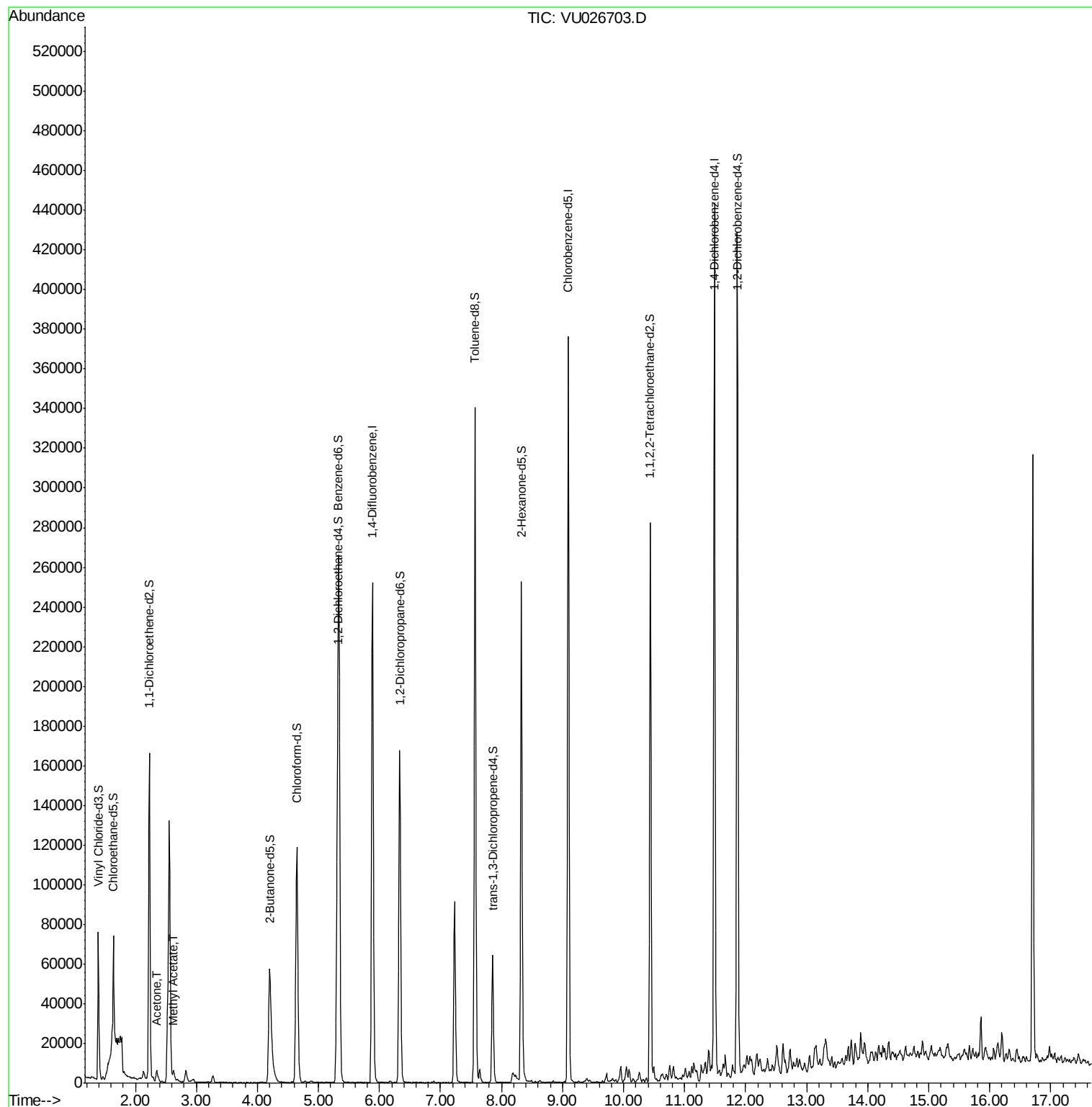
| Target Compounds   |      |    |      |            | Qvalue |
|--------------------|------|----|------|------------|--------|
| 13) Acetone        | 2.35 | 43 | 8761 | 7.530 ug/L | 99     |
| 15) Methyl Acetate | 2.62 | 43 | 6687 | 4.029 ug/L | 93     |

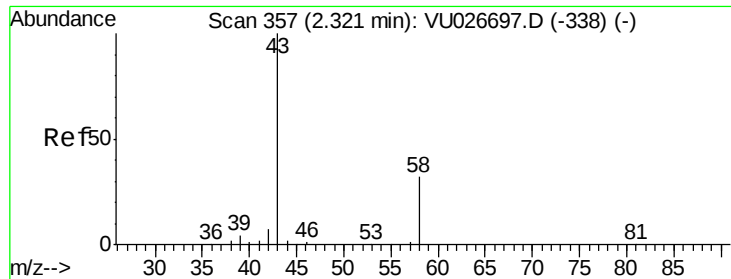
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Thu Sep 13 03:38:50 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 7.530 ug/L

RT: 2.35 min Scan# 366

Delta R.T. 0.03 min

Lab File: VU026703.D

Acq: 12 Sep 2018 15:45

Instrument :

MSVOA\_U

ClientSampleId :

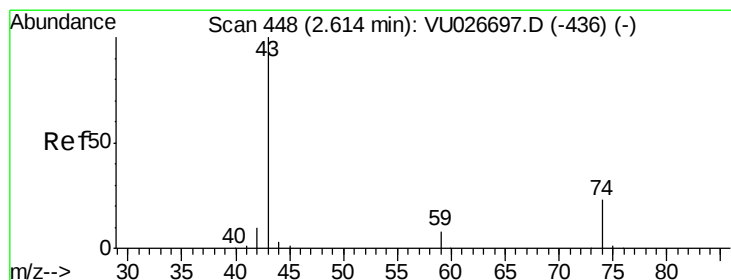
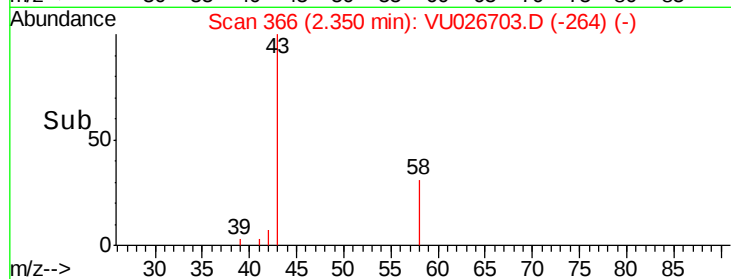
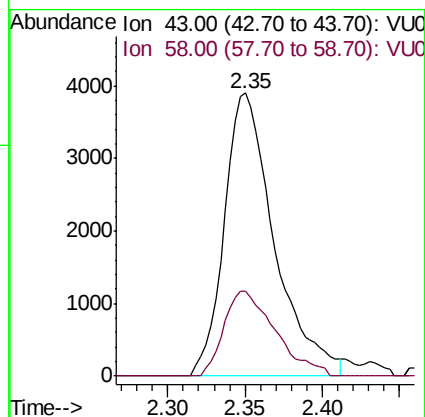
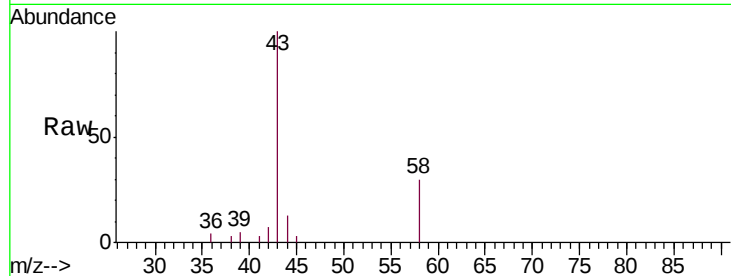
A41T2

Tgt Ion: 43 Resp: 8761

Ion Ratio Lower Upper

43 100

58 31.0 0.0 62.8



#15

Methyl Acetate

Concen: 4.029 ug/L

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU026703.D

Acq: 12 Sep 2018 15:45

Tgt Ion: 43 Resp: 6687

Ion Ratio Lower Upper

43 100

74 19.9 18.5 27.7

