

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\  
 Data File : VU026886.D  
 Acq On : 19 Sep 2018 00:32  
 Operator : MD/SY  
 Sample : J4865-20ME  
 Misc : 4.59g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB3P8ME

Quant Time: Sep 19 08:17:24 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091718WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 19 07:38:56 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 230287   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.10  | 117  | 228671   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 129110   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 50923    | 29.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 59.78%# |
| 7) Chloroethane-d5             | 1.64    | 69    | 32142    | 22.04    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 44.08%# |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 79632    | 24.70    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 49.40%# |
| 21) 2-Butanone-d5              | 4.20    | 46    | 115813   | 102.45   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.45% |
| 24) Chloroform-d               | 4.65    | 84    | 125637   | 39.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 79.52%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 84087    | 42.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.52%  |
| 32) Benzene-d6                 | 5.33    | 84    | 243093   | 37.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 75.86%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 85073    | 41.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 82.40%  |
| 41) Toluene-d8                 | 7.57    | 98    | 200645   | 34.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 69.32%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 34210    | 37.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.22%  |
| 47) 2-Hexanone-d5              | 8.33    | 63    | 85614    | 105.50   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 105.50% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 140864   | 48.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.86%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 107818   | 40.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.28%  |

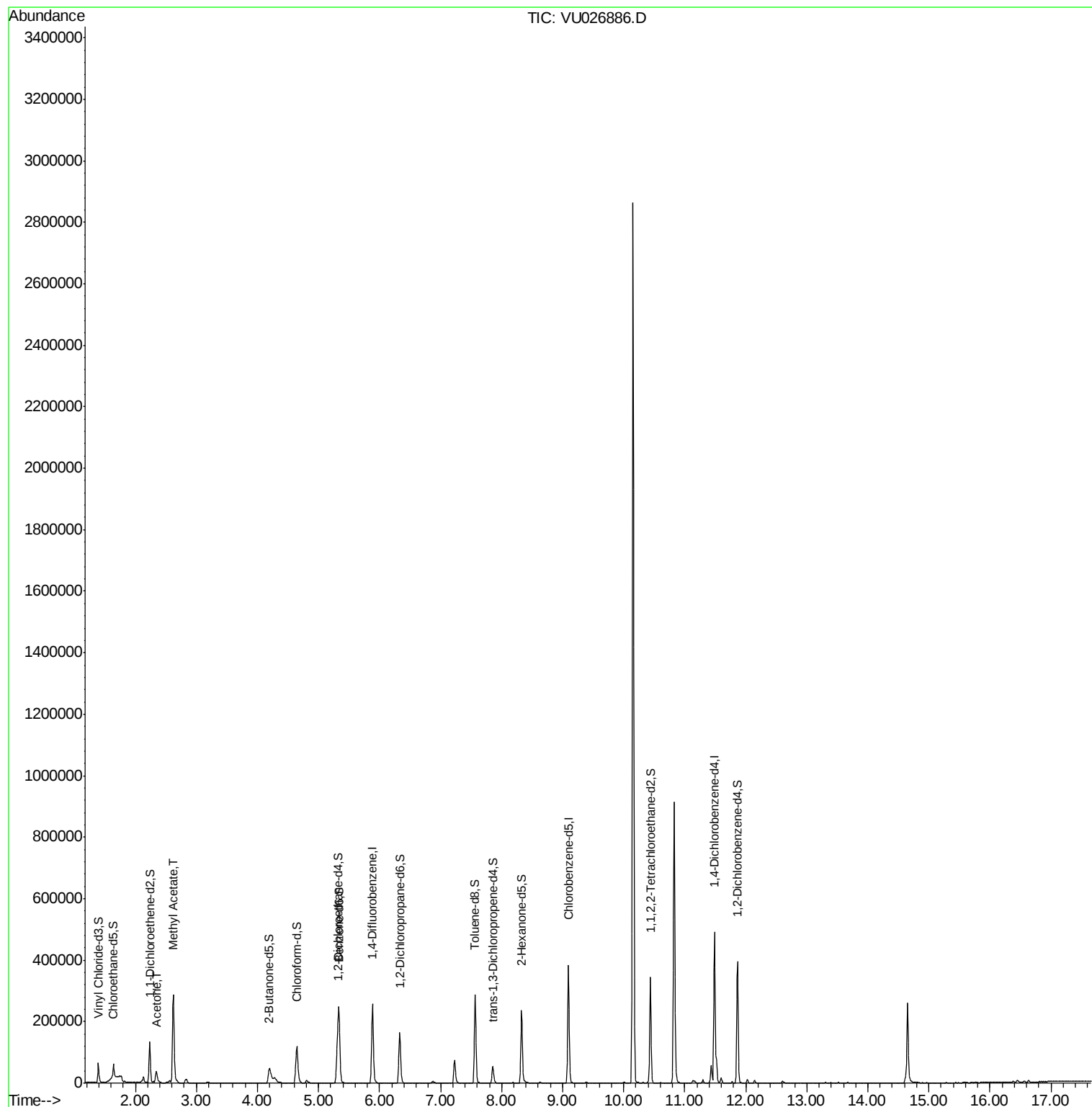
| Target Compounds   |      |    |        |              | Ovalue |
|--------------------|------|----|--------|--------------|--------|
| 13) Acetone        | 2.34 | 43 | 55582  | 50.023 ug/L  | 100    |
| 15) Methyl Acetate | 2.62 | 43 | 369923 | 192.152 ug/L | 100    |

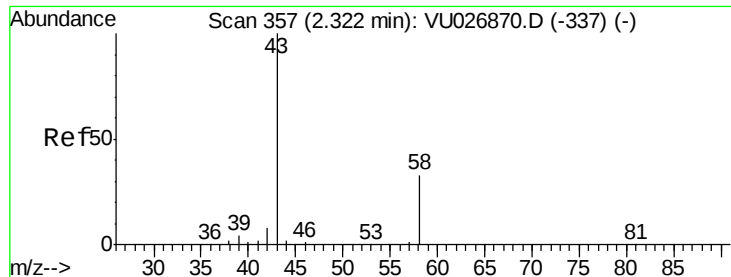
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091818\  
Data File : VU026886.D  
Acq On : 19 Sep 2018 00:32  
Operator : MD/SY  
Sample : J4865-20ME  
Misc : 4.59µ/5mL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 44 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DB3P8ME

Quant Time: Sep 19 08:17:24 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091718WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Sep 19 07:38:56 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 50.023 ug/L

RT: 2.34 min Scan# 364

Delta R.T. 0.02 min

Lab File: VU026886.D

Acq: 19 Sep 2018 00:32

Instrument :

MSVOA\_U

ClientSampleId :

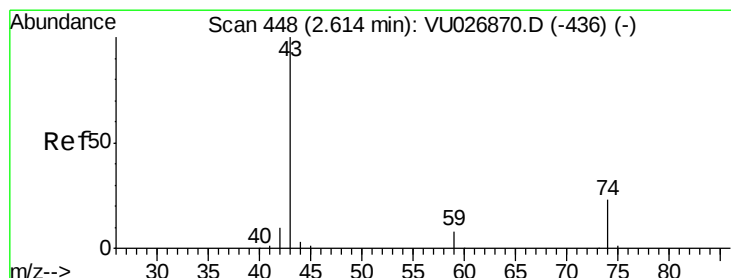
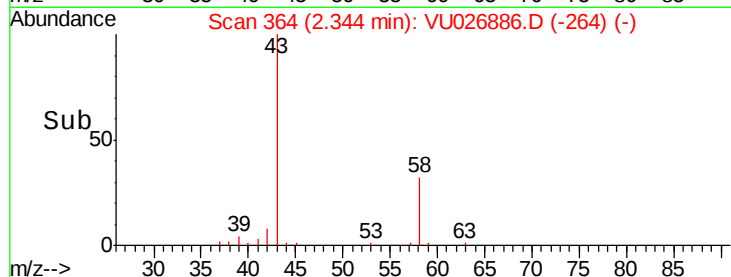
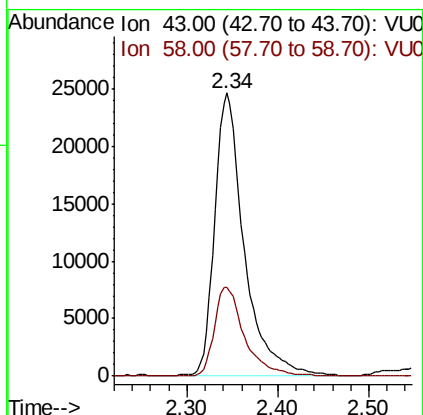
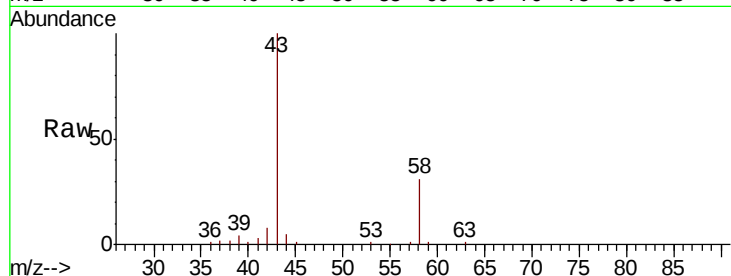
DB3P8ME

Tot Ion: 43 Resp: 55582

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.6



#15

Methyl Acetate

Concen: 192.152 ug/L

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU026886.D

Acq: 19 Sep 2018 00:32

Tgt Ion: 43 Resp: 369923

Ion Ratio Lower Upper

43 100

74 23.2 18.7 28.1

