

Data File : VU033876.D  
Acq On : 21 Aug 2019 16:59  
Operator : JC/SP  
Sample : K4420-14  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
F2B67

Quant Time: Aug 22 07:22:16 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM081619WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Aug 22 07:18:35 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 401076   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 400726   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 175001   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 148837   | 41.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 82.50%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 139638   | 41.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.74%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 199633   | 33.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.20%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 174146   | 92.02    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.02%  |
| 24) Chloroform-d               | 4.62    | 84    | 264843   | 45.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 173785   | 47.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.66%  |
| 32) Benzene-d6                 | 5.32    | 84    | 521602   | 46.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.44%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 174833   | 48.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.08%  |
| 41) Toluene-d8                 | 7.55    | 98    | 455773   | 43.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.86%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 73199    | 43.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.26%  |
| 47) 2-Hexanone-d5              | 8.30    | 63    | 99182    | 74.00    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 74.00%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 231161   | 45.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.92%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 178509   | 51.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.36% |

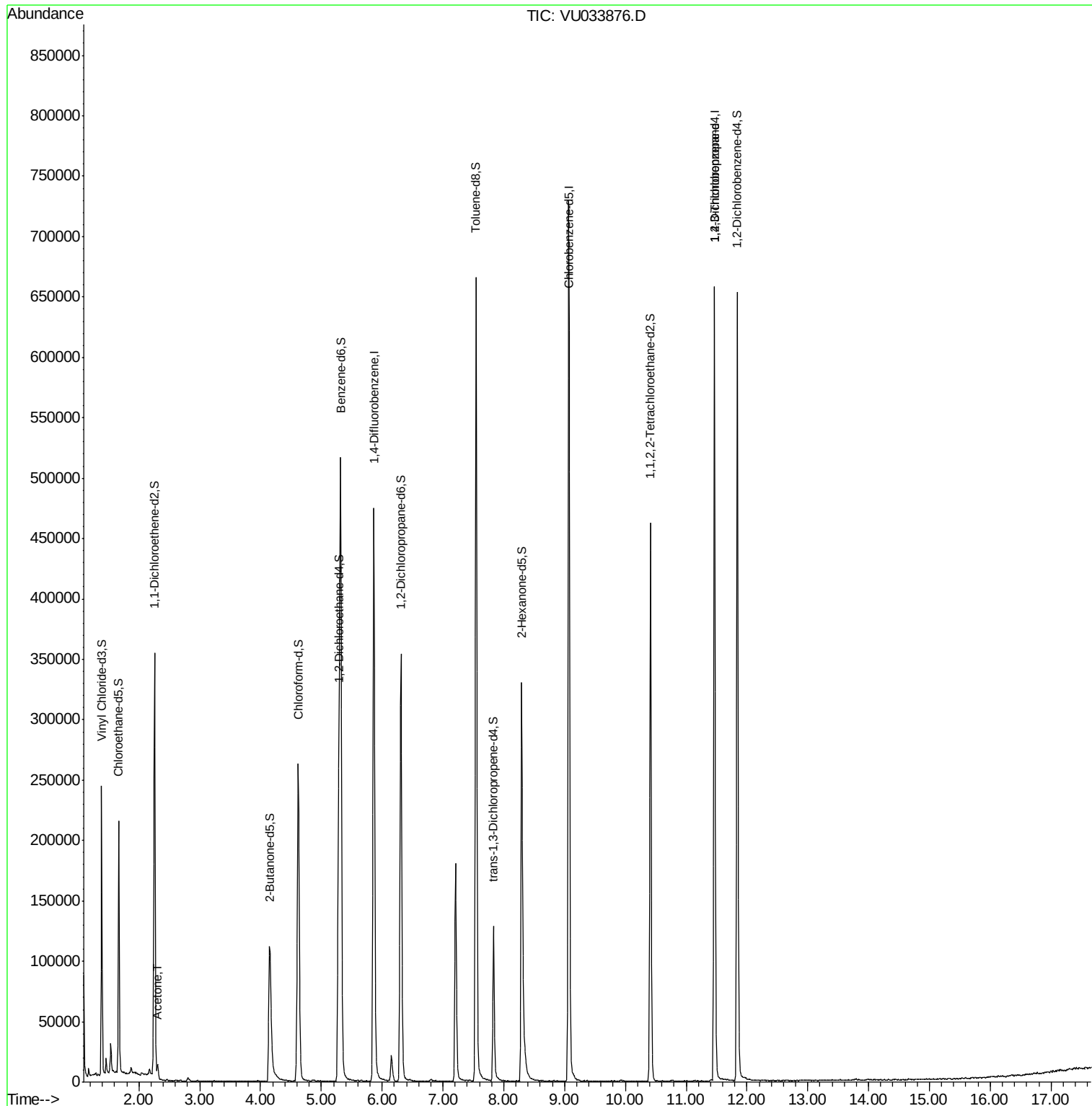
| Target Compounds           |       |    |       |            | Qvalue |
|----------------------------|-------|----|-------|------------|--------|
| 13) Acetone                | 2.31  | 43 | 11354 | 6.105 ug/L | 94     |
| 59) 1,2,3-Trichloropropane | 11.47 | 75 | 20012 | 4.984 ug/L | 89     |

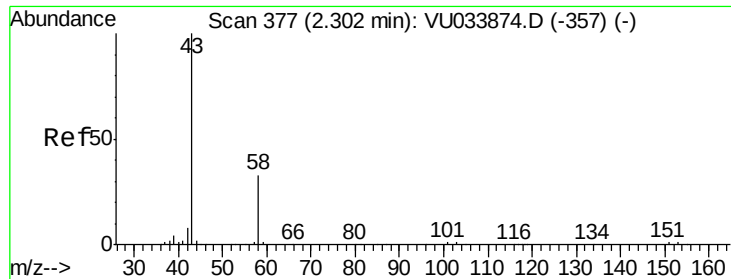
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.105 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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Instrument :

MSVOA\_U

ClientSampleId :

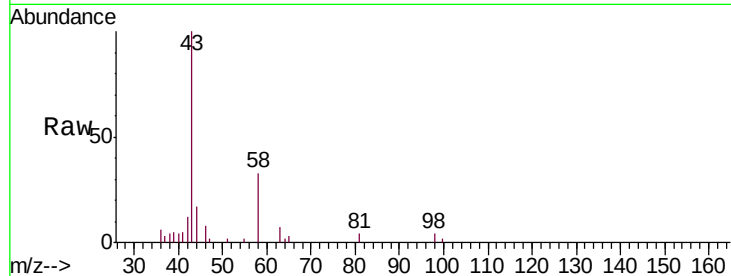
F2B67

Tgt Ion: 43 Resp: 11354

Ion Ratio Lower Upper

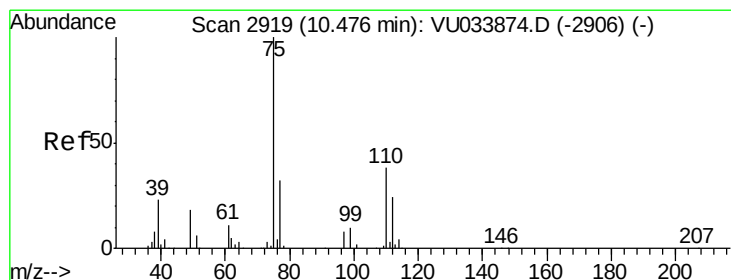
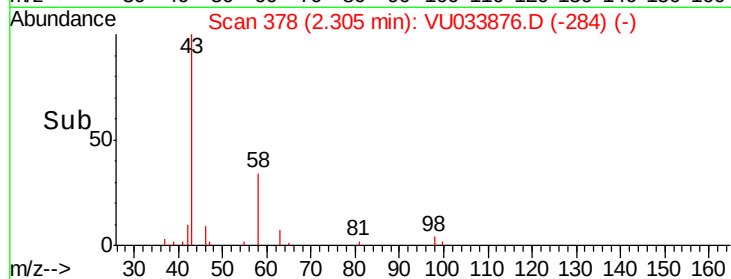
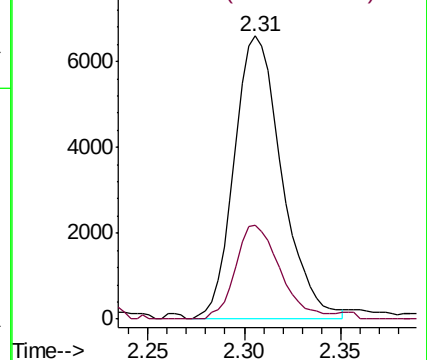
43 100

58 30.9 0.0 69.0



Abundance Ion 43.00 (42.70 to 43.70): VU033874.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU033874.D (-357) (-)



#59

1,2,3-Trichloropropane

Concen: 4.984 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

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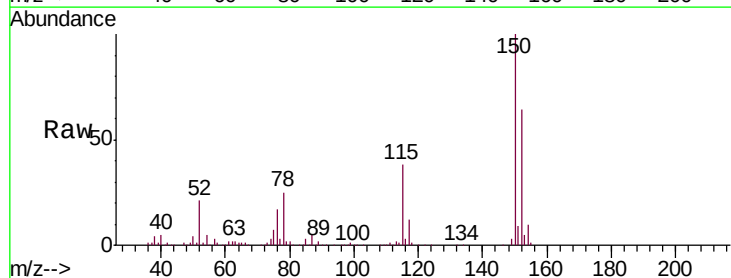
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Tgt Ion: 75 Resp: 20012

Ion Ratio Lower Upper

75 100

77 38.5 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU033874.D (-2906) (-)

Ion 77.00 (76.70 to 77.70): VU033874.D (-2906) (-)

