

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072619\  
 Data File : VU033444.D  
 Acq On : 26 Jul 2019 11:43  
 Operator : JC/SP  
 Sample : K3957-21  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F2A15

Quant Time: Jul 27 02:50:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 27 01:57:42 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 264080   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 266315   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 111386   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 108959   | 54.50    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 109.00%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 98285    | 57.55    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 115.10%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 164792   | 45.45    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.90%   |
| 21) 2-Butanone-d5              | 4.15    | 46    | 142446   | 112.46   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 112.46%  |
| 24) Chloroform-d               | 4.62    | 84    | 183236   | 54.69    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 109.38%  |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 125136   | 58.24    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 116.48%  |
| 32) Benzene-d6                 | 5.32    | 84    | 370375   | 56.69    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 113.38%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 121339   | 57.98    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 115.96%  |
| 41) Toluene-d8                 | 7.55    | 98    | 332534   | 53.98    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.96%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 52626    | 51.28    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 102.56%  |
| 47) 2-Hexanone-d5              | 8.30    | 63    | 97148    | 102.97   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 102.97%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 179121   | 56.55    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 113.10%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 123645   | 62.25    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 124.50%# |

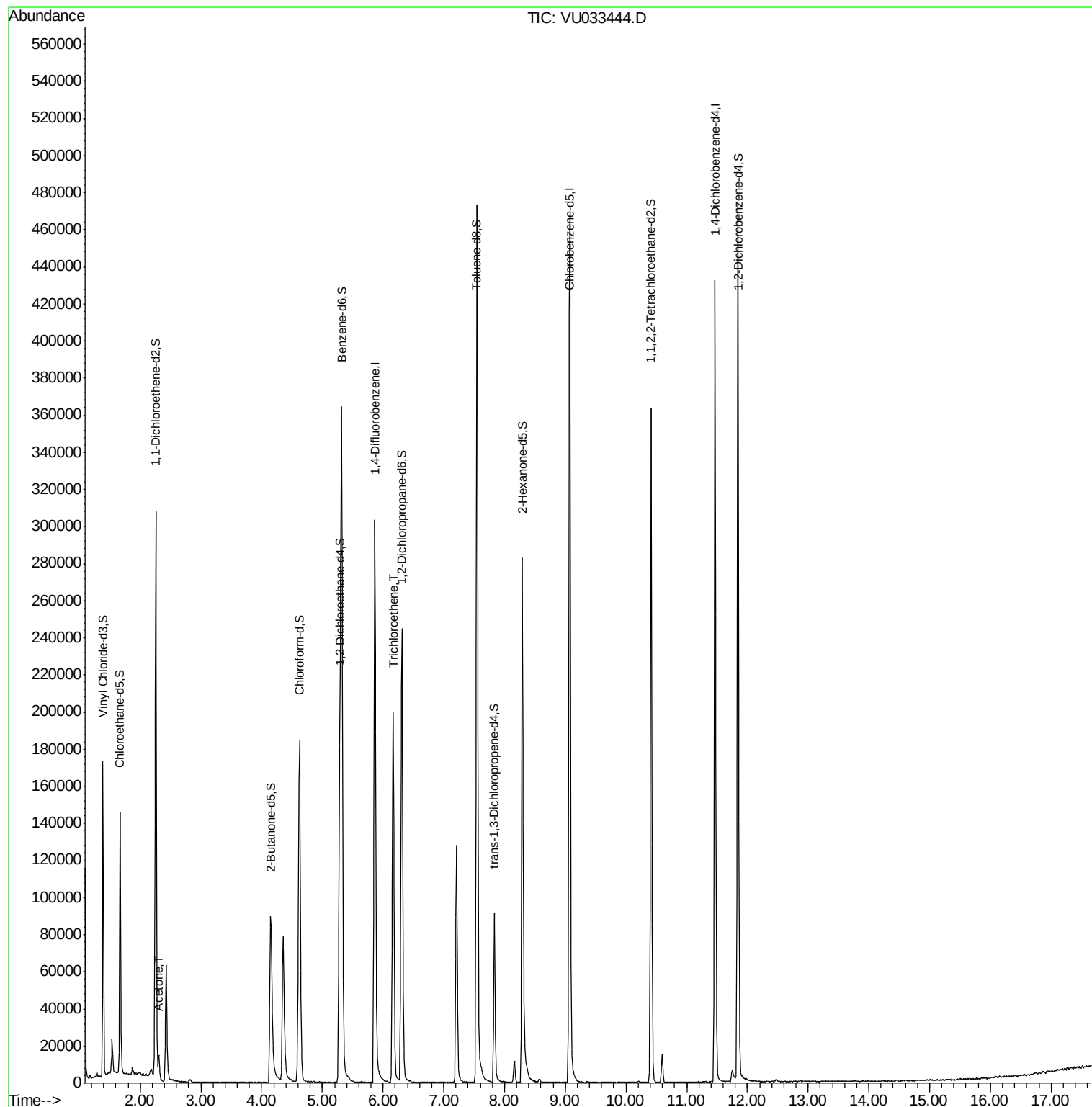
| Target Compounds    |      |    |       |             | Ovalue |
|---------------------|------|----|-------|-------------|--------|
| 13) Acetone         | 2.31 | 43 | 11644 | 7.358 ug/L  | 94     |
| 34) Trichloroethene | 6.17 | 95 | 70283 | 34.603 ug/L | 99     |

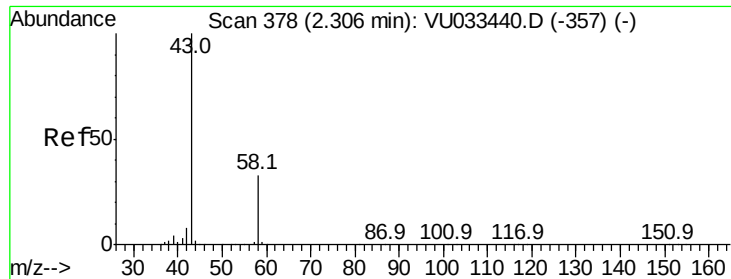
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 27 01:57:42 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 7.358 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033444.D

Acq: 26 Jul 2019 11:43

Instrument :

MSVOA\_U

ClientSampleId :

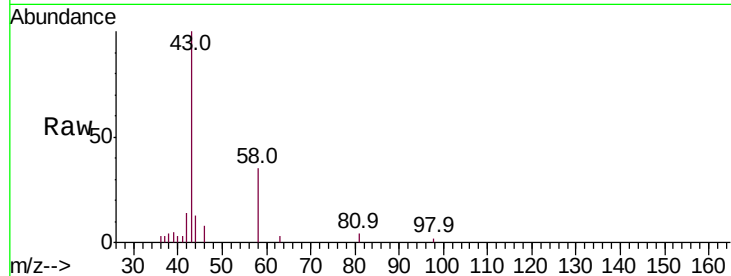
F2A15

Tot Ion: 43 Resp: 11644

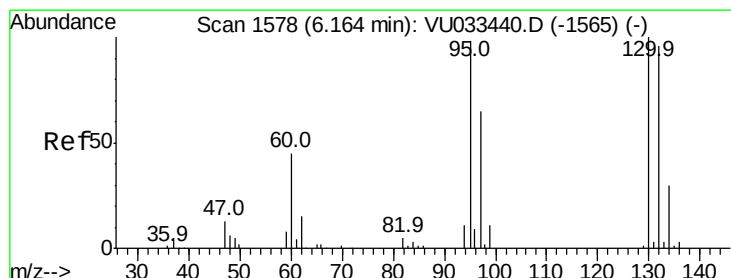
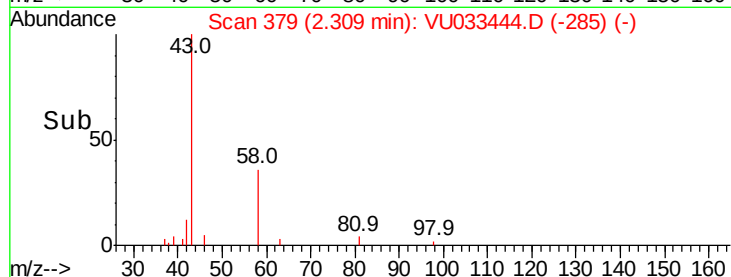
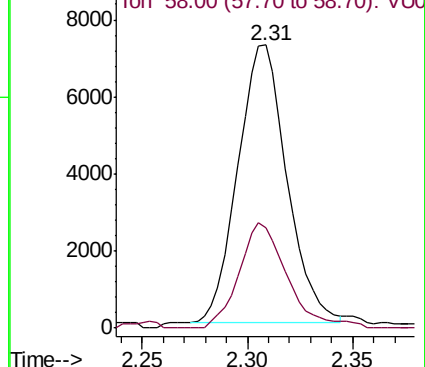
Ion Ratio Lower Upper

43 100

58 36.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033444.D (-357) (-)



#34

Trichloroethene

Concen: 34.603 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033444.D

Acq: 26 Jul 2019 11:43

Tgt Ion: 95 Resp: 70283

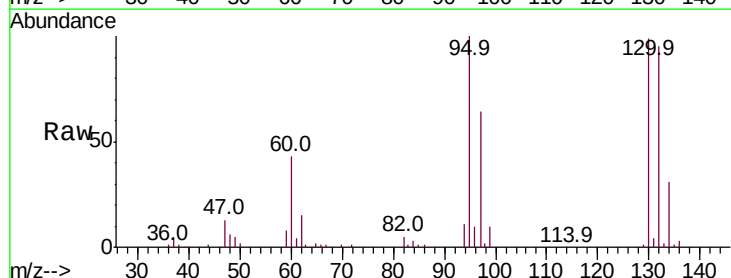
Ion Ratio Lower Upper

95 100

97 63.8 43.8 81.4

132 95.3 65.5 121.6

130 99.0 69.7 129.5



Abundance Ion 95.00 (94.70 to 95.70): VU033444.D (-1565) (-)

