

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\  
 Data File : VU032597.D  
 Acq On : 11 Jun 2019 10:19  
 Operator : JC/SP  
 Sample : K3277-22  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB8C7

Quant Time: Jun 12 06:35:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 12 05:31:42 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 180732   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 168696   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 86140    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 50898    | 43.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 86.82%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 43156    | 45.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 78209    | 34.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.14%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 91406    | 93.15    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.15%  |
| 24) Chloroform-d               | 4.64    | 84    | 104073   | 47.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.18%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 69673    | 50.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.14% |
| 32) Benzene-d6                 | 5.33    | 84    | 210486   | 48.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.12%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 67425    | 49.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.20%  |
| 41) Toluene-d8                 | 7.56    | 98    | 192064   | 46.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.50%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 31225    | 47.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.02%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 53450    | 80.24    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 80.24%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 96417    | 48.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.92%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 81277    | 49.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.52%  |

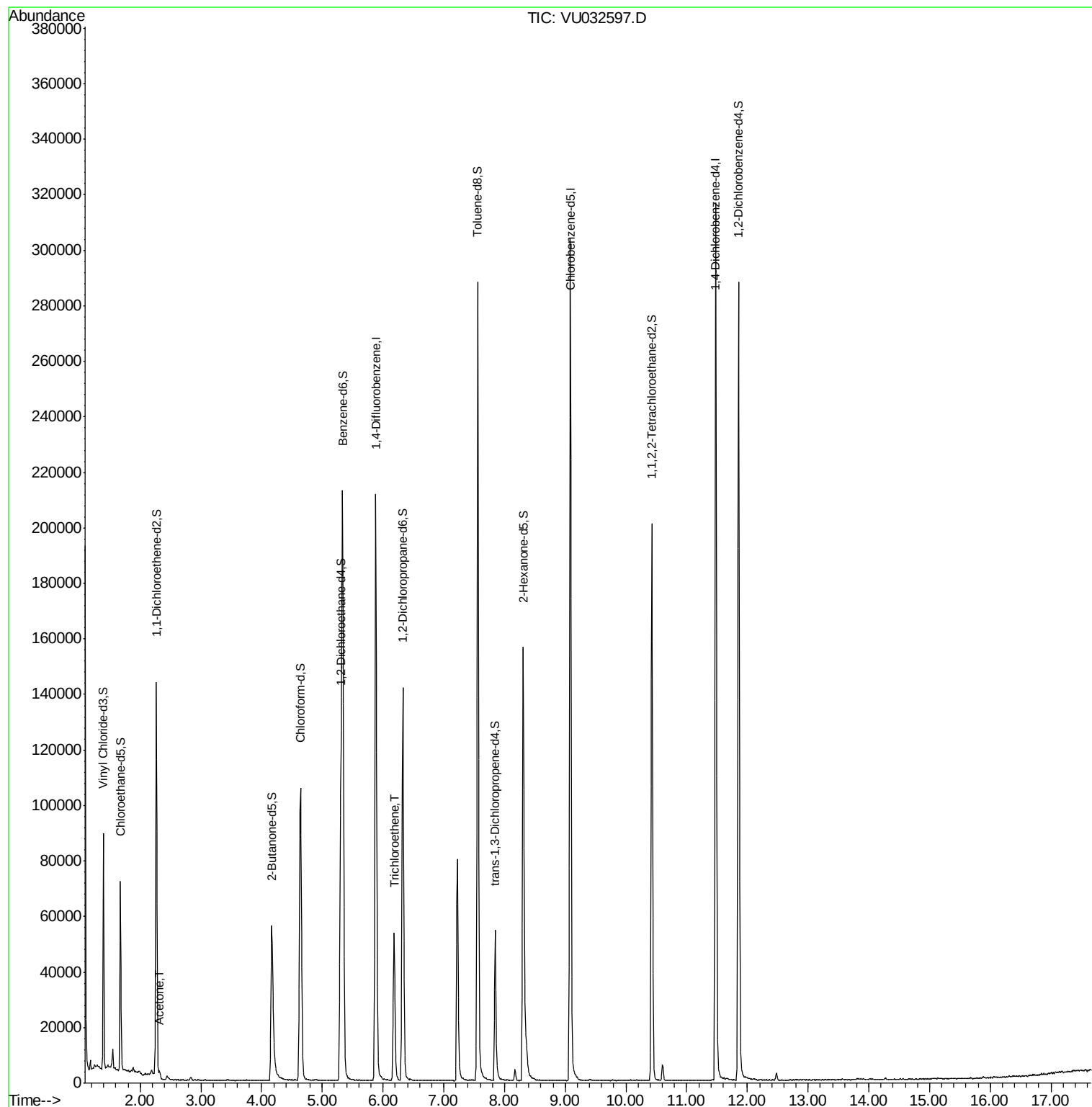
| Target Compounds    |      |    |       | Ovalue         |
|---------------------|------|----|-------|----------------|
| 13) Acetone         | 2.32 | 43 | 2354  | 2.325 ug/L 94  |
| 34) Trichloroethene | 6.18 | 95 | 17680 | 13.710 ug/L 96 |

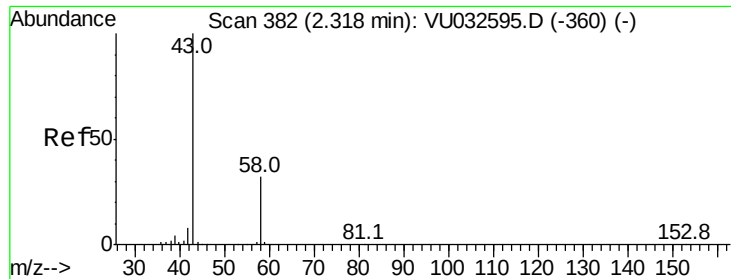
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 12 05:31:42 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 2.325 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032597.D

Acq: 11 Jun 2019 10:19

Instrument :

MSVOA\_U

ClientSampleId :

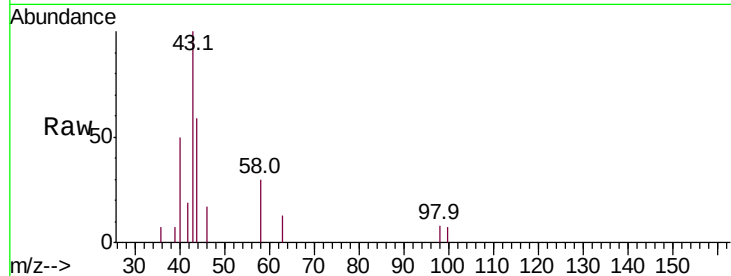
DB8C7

Tot Ion: 43 Resp: 2354

Ion Ratio Lower Upper

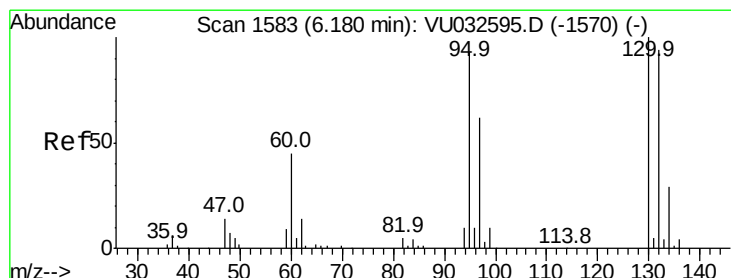
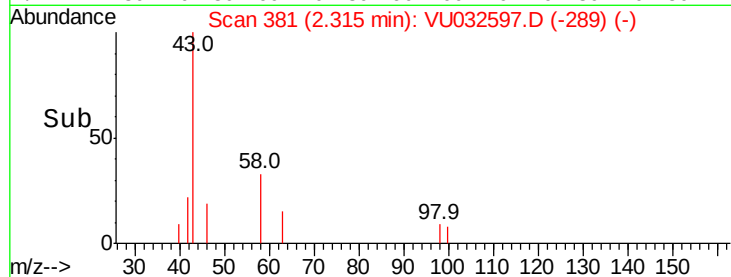
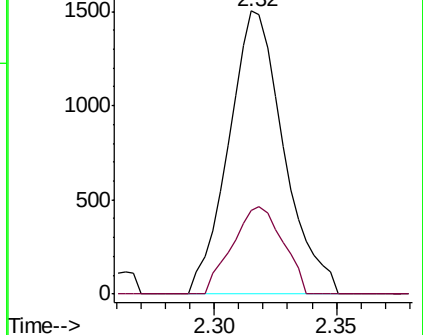
43 100

58 28.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032597.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU032597.D (-289) (-)



#34

Trichloroethene

Concen: 13.710 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032597.D

Acq: 11 Jun 2019 10:19

Tgt Ion: 95 Resp: 17680

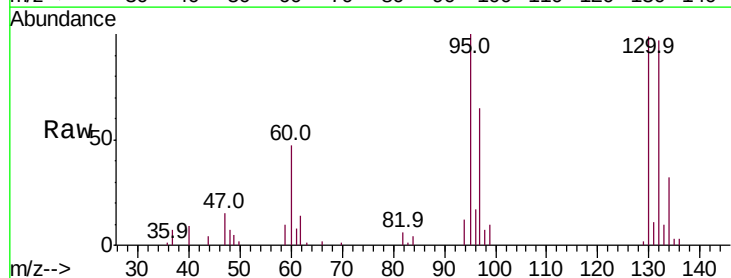
Ion Ratio Lower Upper

95 100

97 64.9 45.8 85.2

132 97.1 71.0 131.8

130 98.7 73.4 136.2



Abundance Ion 95.00 (94.70 to 95.70): VU032597.D (-1490) (-)

Ion 97.00 (96.70 to 97.70): VU032597.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU032597.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU032597.D (-1490) (-)

