

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\  
 Data File : VU032598.D  
 Acq On : 11 Jun 2019 10:42  
 Operator : JC/SP  
 Sample : K3277-15  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB8C0

Quant Time: Jun 12 06:38:01 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  | 174530   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 163272   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 84594    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 48971    | 43.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 86.50%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 41081    | 45.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.30%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 74198    | 33.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.94%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 108252   | 114.24   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 114.24% |
| 24) Chloroform-d               | 4.64    | 84    | 99075    | 46.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.82%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 67157    | 50.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.96% |
| 32) Benzene-d6                 | 5.33    | 84    | 200249   | 47.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.48%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 65124    | 49.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.00%  |
| 41) Toluene-d8                 | 7.56    | 98    | 180183   | 44.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.66%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 29528    | 46.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.84%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 62988    | 97.70    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 97.70%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 96086    | 49.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.78%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 78462    | 48.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.84%  |

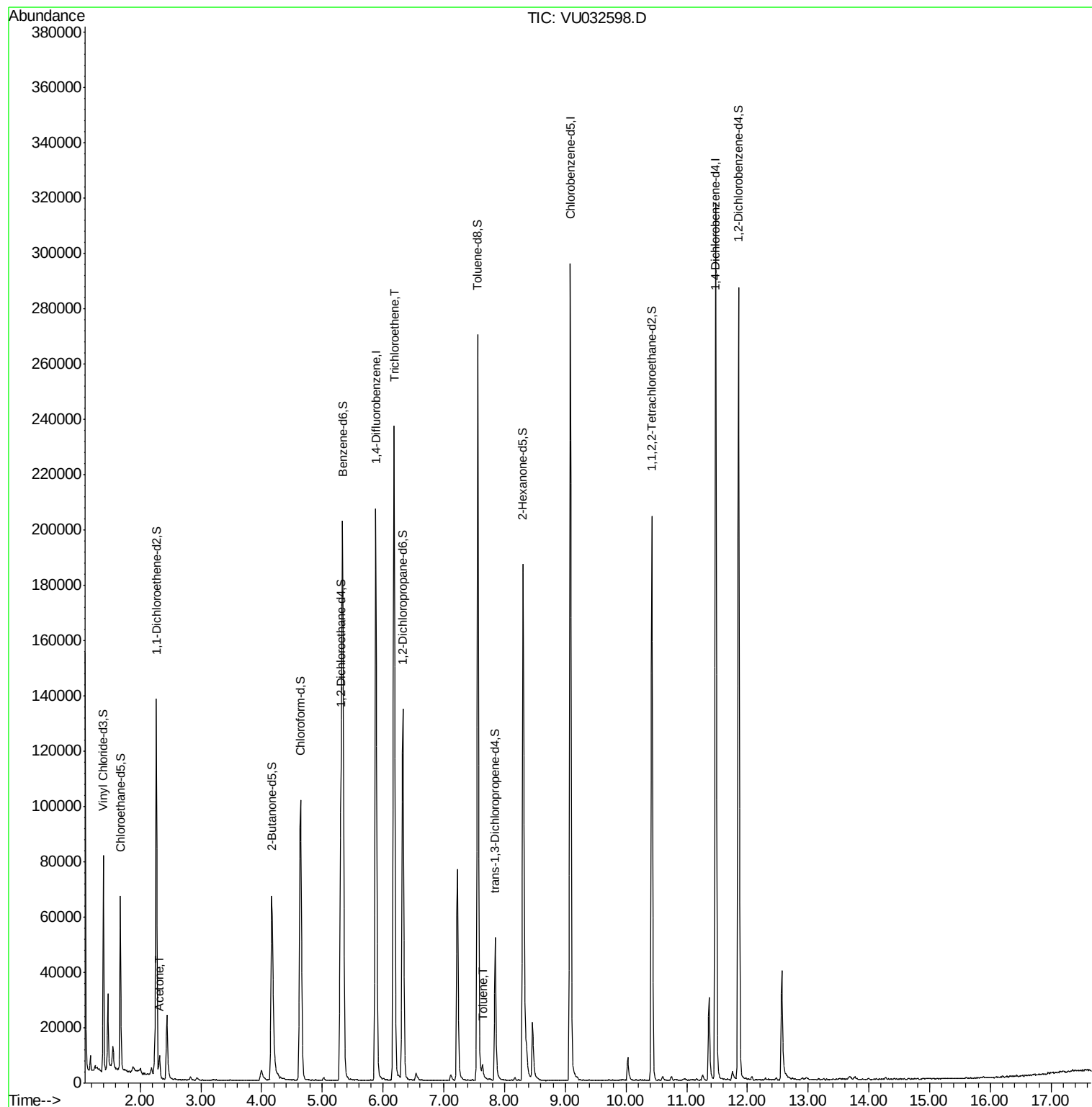
| Target Compounds    |      |    |       |             | Ovalue |
|---------------------|------|----|-------|-------------|--------|
| 13) Acetone         | 2.32 | 43 | 8105  | 8.289 ug/L  | 97     |
| 34) Trichloroethene | 6.18 | 95 | 79016 | 63.311 ug/L | 99     |
| 42) Toluene         | 7.64 | 91 | 4133  | 0.823 ug/L  | 85     |

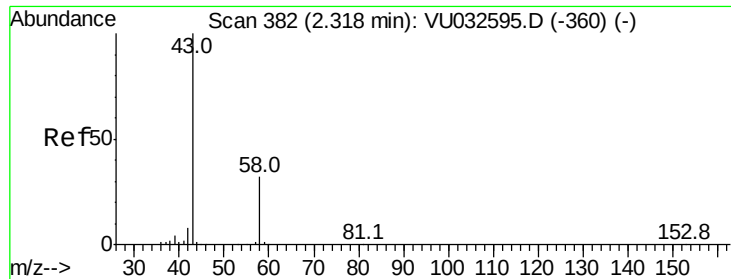
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 8.289 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032598.D

Acq: 11 Jun 2019 10:42

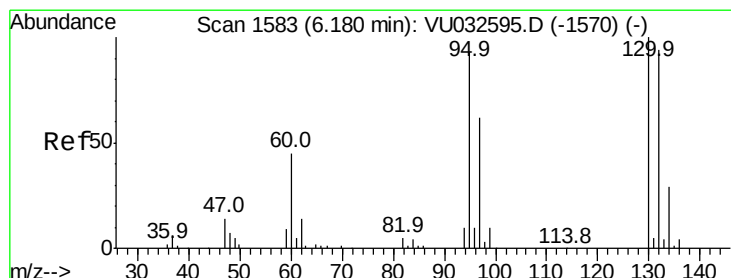
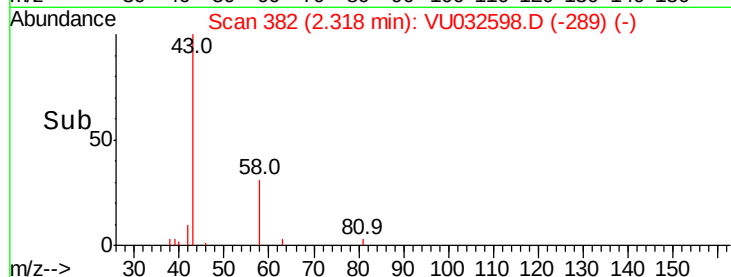
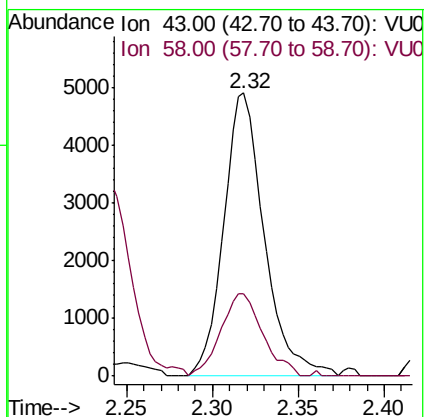
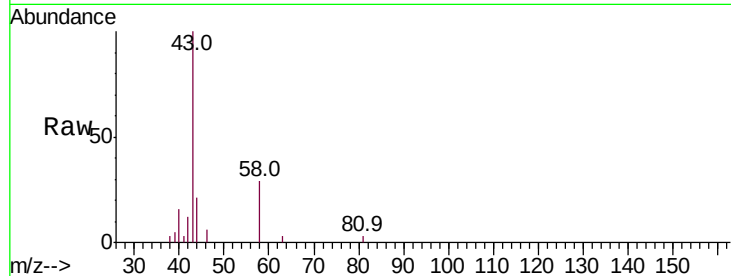
Instrument :  
MSVOA\_U  
ClientSampled :  
DB8C0

Tot Ion: 43 Resp: 8105

Ion Ratio Lower Upper

43 100

58 30.2 0.0 64.0



#34

Trichloroethene

Concen: 63.311 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032598.D

Acq: 11 Jun 2019 10:42

Tgt Ion: 95 Resp: 79016

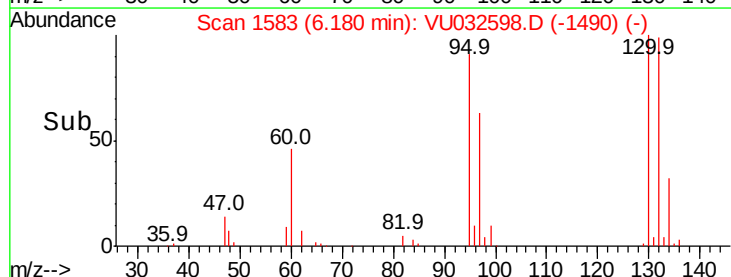
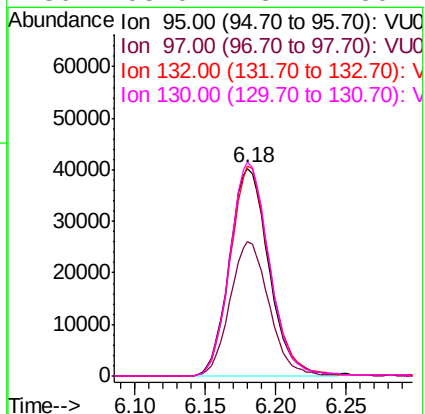
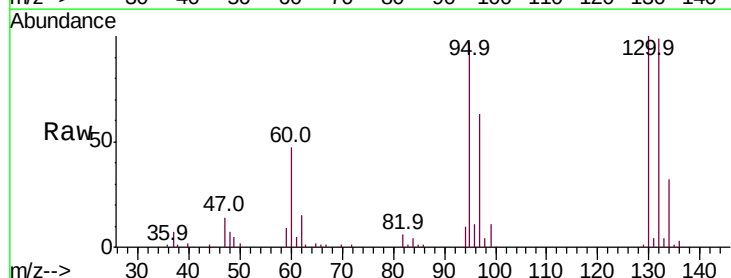
Ion Ratio Lower Upper

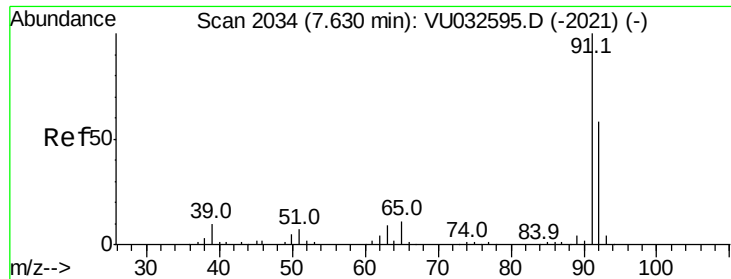
95 100

97 64.7 45.8 85.2

132 101.5 71.0 131.8

130 103.0 73.4 136.2





#42

Toluene

Concen: 0.823 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032598.D

Acq: 11 Jun 2019 10:42

Instrument :

MSVOA\_U

ClientSampleId :

DB8C0

Tot Ion: 91 Resp: 4133

Ion Ratio Lower Upper

91 100

92 67.7 39.7 73.7

