

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU090618\  
 Data File : VU026593.D  
 Acq On : 06 Sep 2018 21:35  
 Operator : MD/SY  
 Sample : J4749-12  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E5FB2

Quant Time: Sep 07 05:30:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 07 05:26:58 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 178694   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 167016   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 68916    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 61334    | 55.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 110.80% |
| 7) Chloroethane-d5             | 1.68    | 69    | 54601    | 54.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 109.20% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 86890    | 34.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.70%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 98085    | 114.15   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 114.15% |
| 24) Chloroform-d               | 4.65    | 84    | 108104   | 51.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.40% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 73171    | 52.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.12% |
| 32) Benzene-d6                 | 5.34    | 84    | 219115   | 56.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 113.84% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 75895    | 57.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 114.78% |
| 41) Toluene-d8                 | 7.57    | 98    | 193848   | 52.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.34% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 30669    | 50.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 101.58% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 71051    | 117.15   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 117.15% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 103205   | 52.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 105.94% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 72295    | 57.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 115.64% |

## Target Compounds

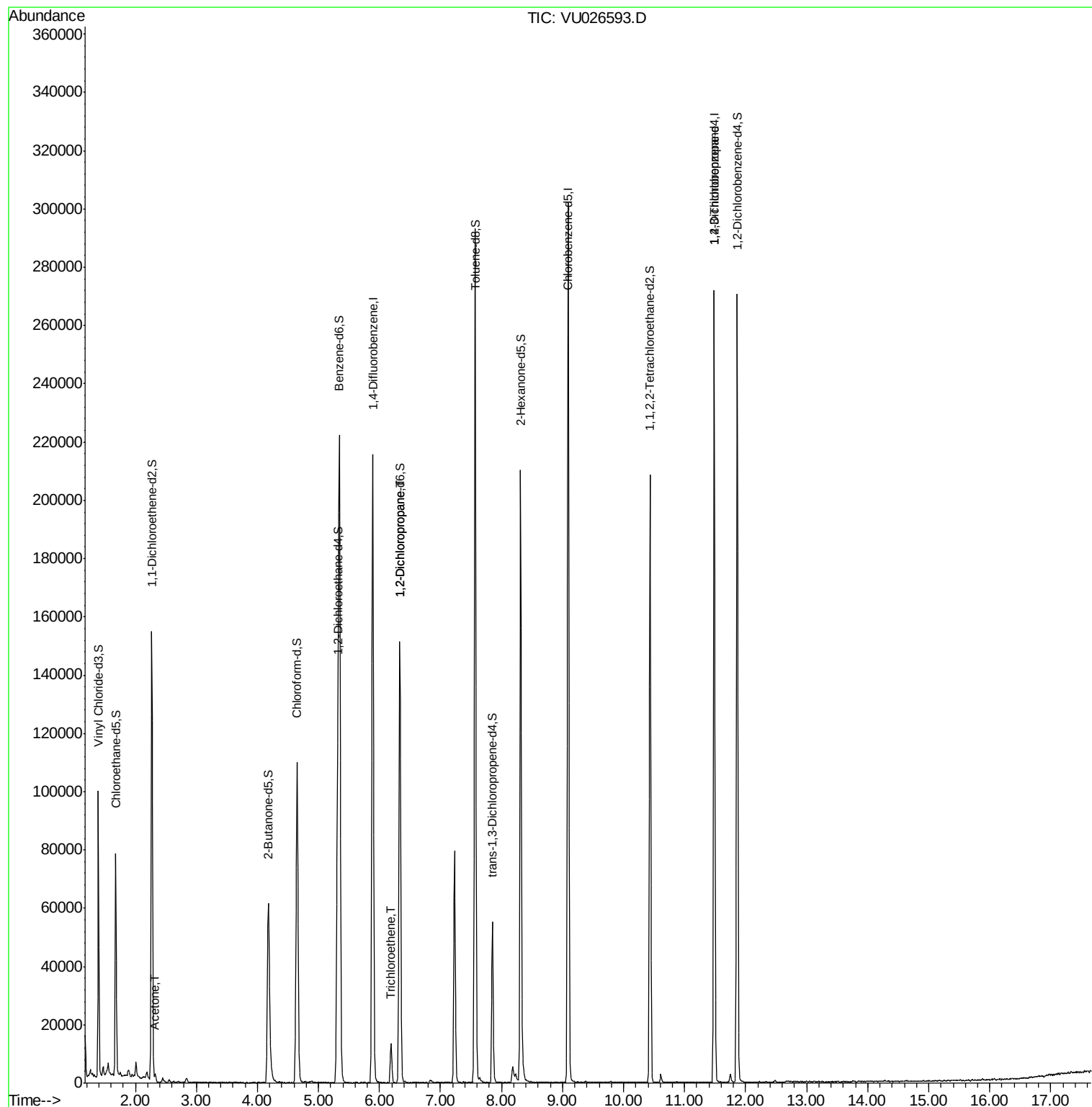
|                            |       |    |      |              | Qvalue |
|----------------------------|-------|----|------|--------------|--------|
| 13) Acetone                | 2.32  | 43 | 2045 | 2.748 ug/L   | 94     |
| 34) Trichloroethene        | 6.19  | 95 | 4642 | 3.865 ug/L   | 95     |
| 37) 1,2-Dichloropropane    | 6.33  | 63 | 7791 | 5.878 ug/L # | 88     |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 8358 | 5.053 ug/L   | 93     |

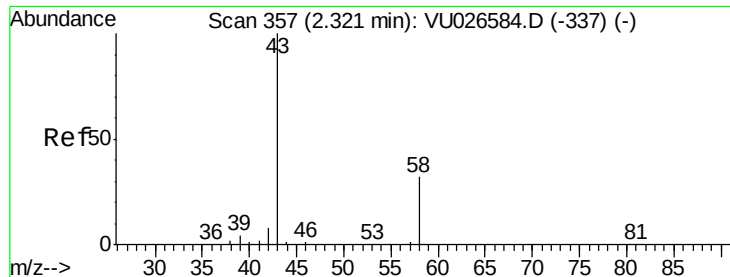
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.748 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026593.D

Acq: 06 Sep 2018 21:35

Instrument :

MSVOA\_U

ClientSampled :

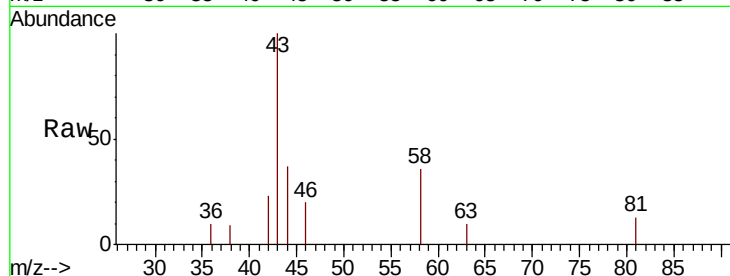
E5FB2

Tgt Ion: 43 Resp: 2045

Ion Ratio Lower Upper

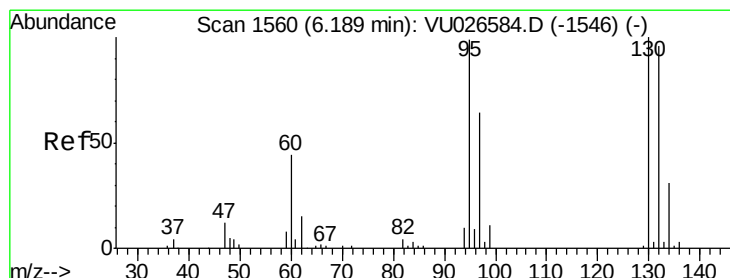
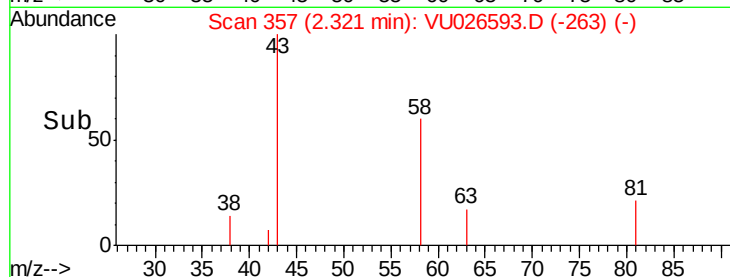
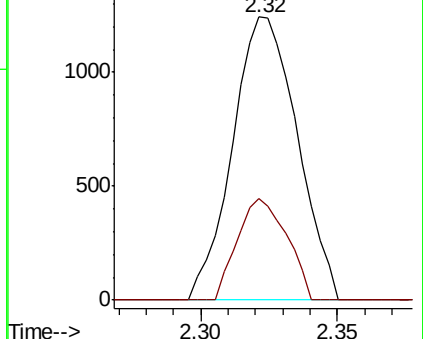
43 100

58 27.5 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU026584.D (-337) (-)

Ion 58.00 (57.70 to 58.70): VU026584.D (-337) (-)



#34

Trichloroethene

Concen: 3.865 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026593.D

Acq: 06 Sep 2018 21:35

Tgt Ion: 95 Resp: 4642

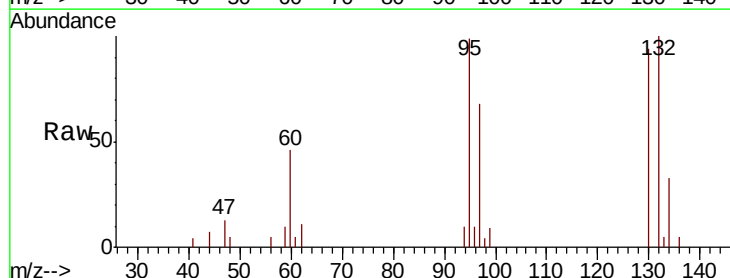
Ion Ratio Lower Upper

95 100

97 68.5 45.1 83.7

132 101.4 67.5 125.3

130 95.3 69.3 128.7

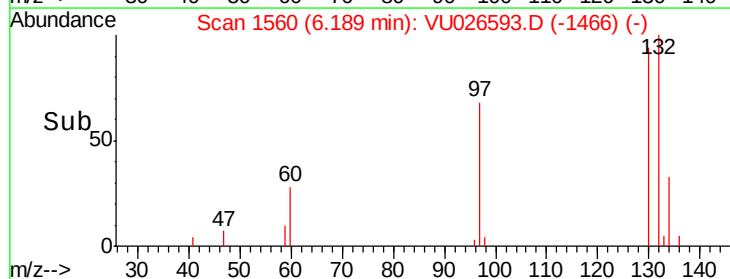
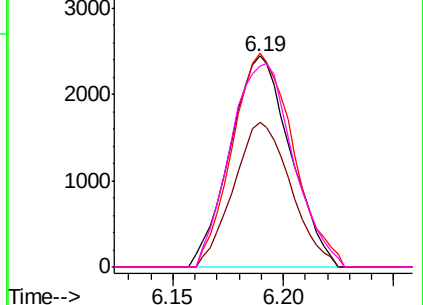


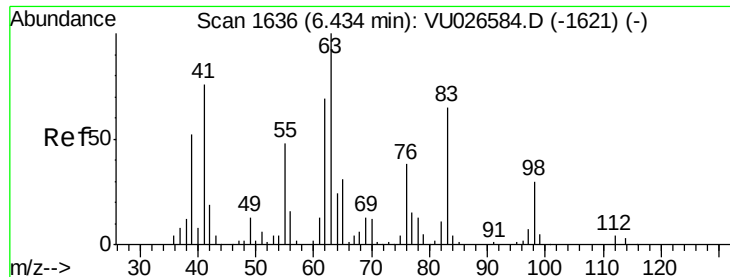
Abundance Ion 95.00 (94.70 to 95.70): VU026584.D (-1546) (-)

Ion 97.00 (96.70 to 97.70): VU026584.D (-1546) (-)

Ion 132.00 (131.70 to 132.70): VU026584.D (-1546) (-)

Ion 130.00 (129.70 to 130.70): VU026584.D (-1546) (-)

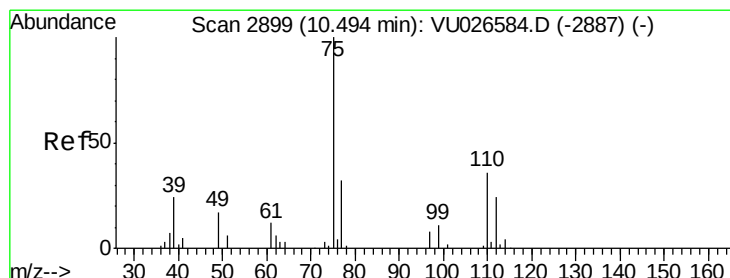
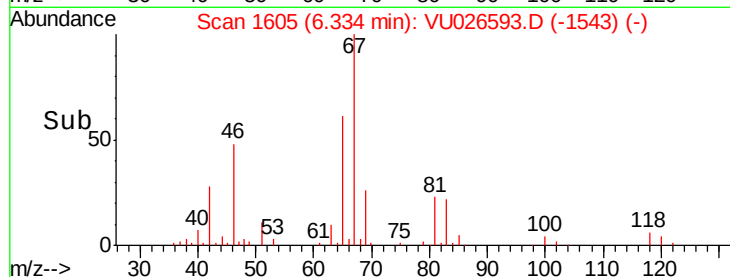
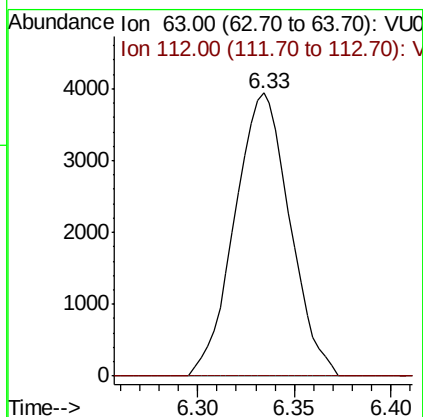
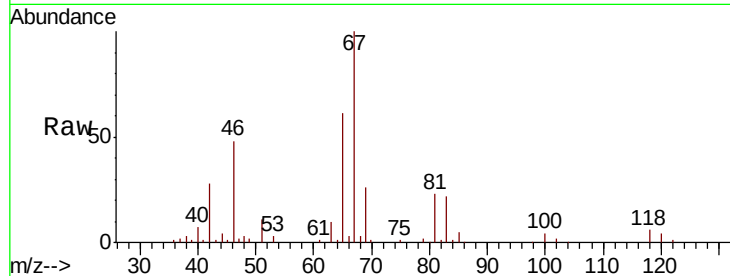




#37  
 1,2-Dichloropropane  
 Concen: 5.878 ug/L  
 RT: 6.33 min Scan# 1605  
 Delta R.T. -0.10 min  
 Lab File: VU026593.D  
 Acq: 06 Sep 2018 21:35

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E5FB2

Tgt Ion: 63 Resp: 7791  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.0 4.6#



#59  
 1,2,3-Trichloropropane  
 Concen: 5.053 ug/L  
 RT: 11.48 min Scan# 3207  
 Delta R.T. 0.99 min  
 Lab File: VU026593.D  
 Acq: 06 Sep 2018 21:35

Tgt Ion: 75 Resp: 8358  
 Ion Ratio Lower Upper  
 75 100  
 77 35.0 25.0 37.6

