

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\  
 Data File : VU030924.D  
 Acq On : 08 Apr 2019 22:58  
 Operator : JC/SP  
 Sample : K2284-19  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEZB7

Quant Time: Apr 09 05:17:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Apr 09 01:11:42 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 222748   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 226185   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 89909    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 94282    | 5.54     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 110.80%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 82996    | 6.05     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 121.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 142582   | 4.09     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 81.80%   |
| 20) 2-Butanone-d5              | 4.19   | 46    | 306403   | 69.86    | ug/L | -0.03    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 139.72%# |
| 24) Chloroform-d               | 4.64   | 84    | 148763   | 5.15     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 99054    | 6.47     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 129.40%  |
| 32) Benzene-d6                 | 5.33   | 84    | 326772   | 5.43     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 112475   | 5.63     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 112.60%  |
| 41) Toluene-d8                 | 7.56   | 98    | 253933   | 4.78     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60%   |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 37669    | 5.08     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 101.60%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 197596   | 61.25    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 122.50%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 92590    | 6.47     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 129.40%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 89135    | 5.93     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 118.60%  |

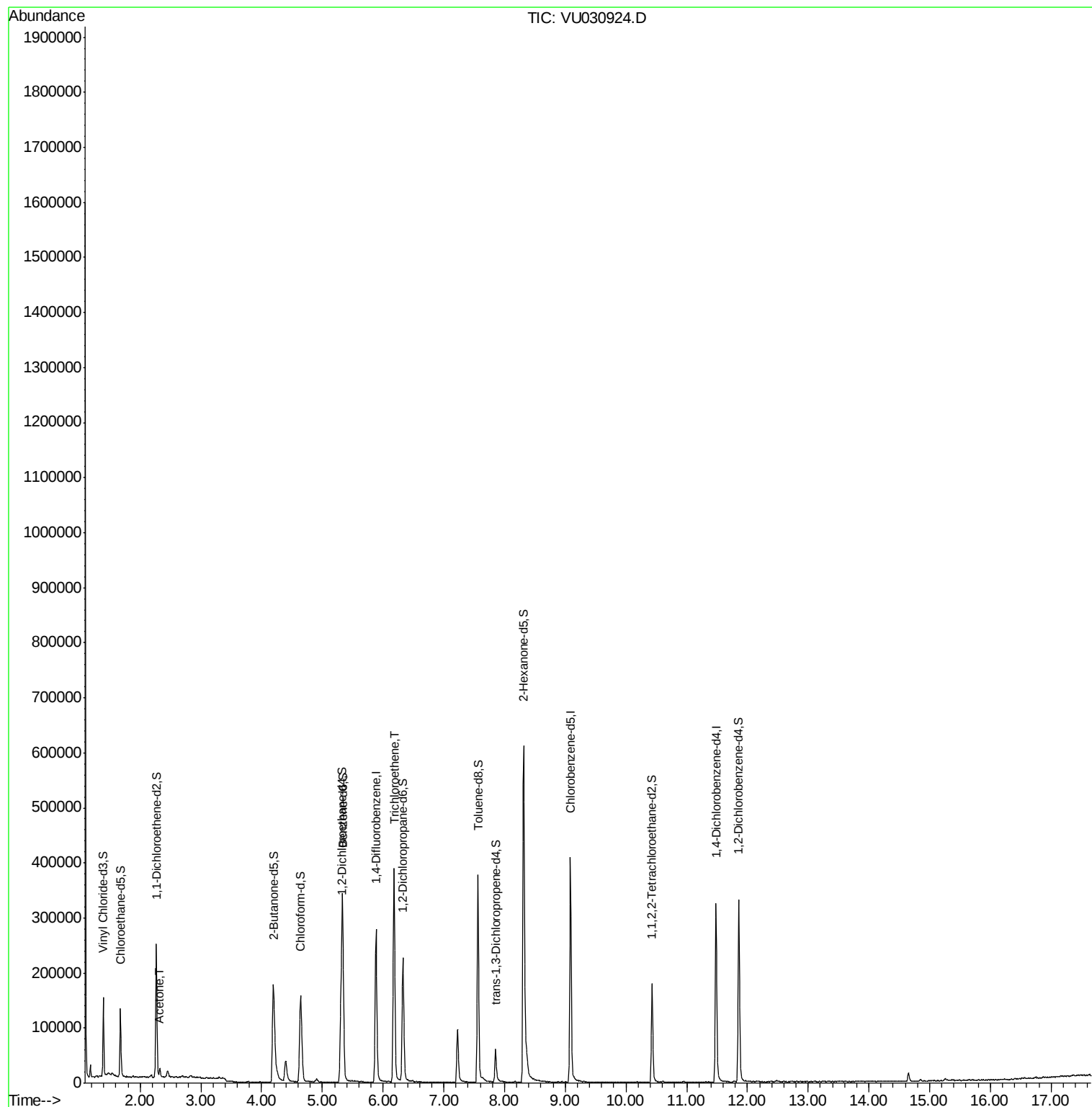
| Target Compounds    |      |    |        |            | Ovalue |
|---------------------|------|----|--------|------------|--------|
| 13) Acetone         | 2.32 | 43 | 12952  | 3.819 ug/L | 96     |
| 34) Trichloroethene | 6.18 | 95 | 138182 | 7.214 ug/L | 95     |

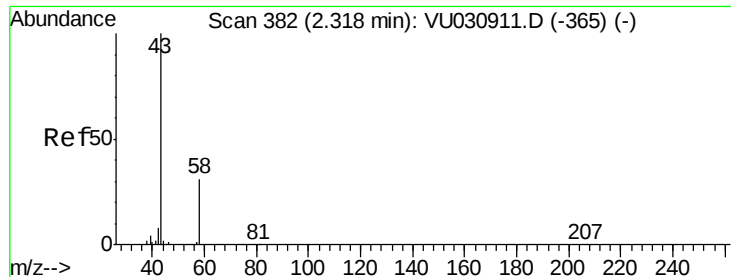
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.819 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030924.D

Acq: 08 Apr 2019 22:58

Instrument :

MSVOA\_U

ClientSampleId :

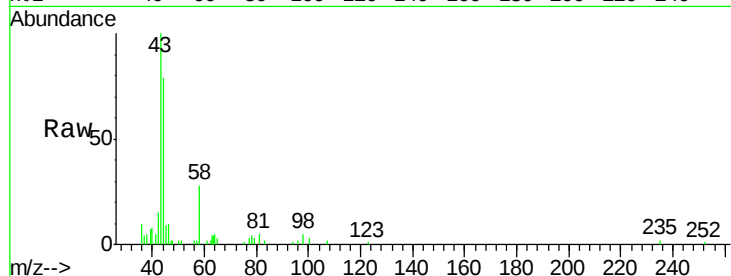
BEZB7

Tot Ion: 43 Resp: 12952

Ion Ratio Lower Upper

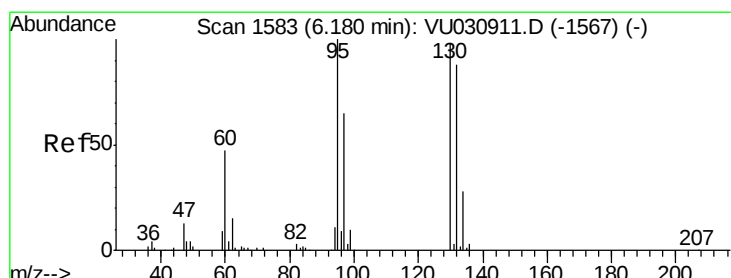
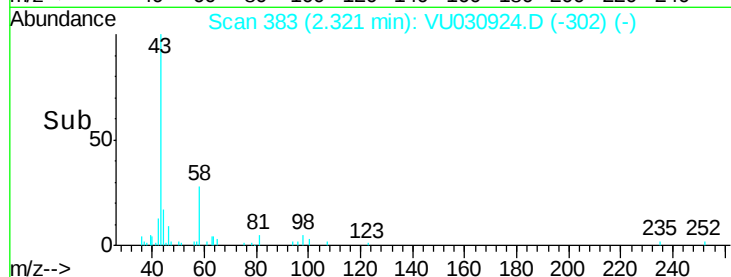
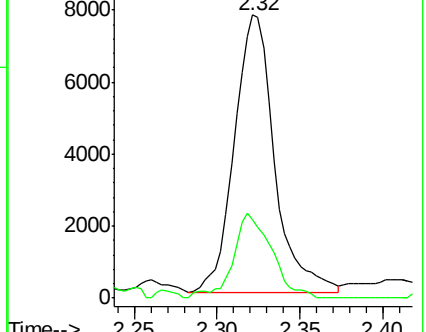
43 100

58 29.5 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030911.D (-365) (-)

Ion 58.05 (57.75 to 58.75): VU030911.D (-365) (-)



#34

Trichloroethene

Concen: 7.214 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030924.D

Acq: 08 Apr 2019 22:58

Tgt Ion: 95 Resp: 138182

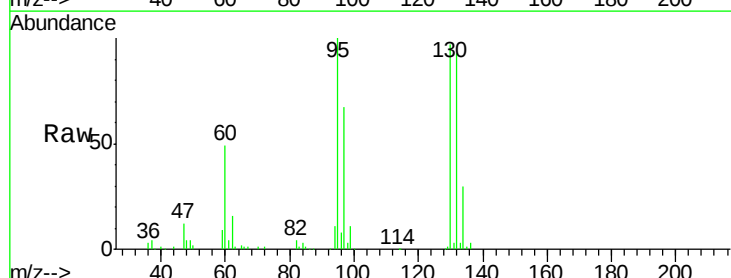
Ion Ratio Lower Upper

95 100

97 66.7 43.5 80.9

132 92.6 60.7 112.7

130 97.2 65.1 120.9



Abundance Ion 95.00 (94.70 to 95.70): VU030911.D (-1567) (-)

Ion 96.95 (96.65 to 97.65): VU030911.D (-1567) (-)

Ion 131.95 (131.65 to 132.65): VU030911.D (-1567) (-)

Ion 129.95 (129.65 to 130.65): VU030911.D (-1567) (-)

