

Data File : VU030260.D  
Acq On : 21 Mar 2019 13:06  
Operator : JC/SP  
Sample : K2017-04RE  
Misc : 6.08g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BF0D7

Quant Time: Mar 22 04:07:26 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031919WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 22 04:03:23 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 1008535  | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 1026005  | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 549990   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 185439   | 27.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 54.38%# |
| 7) Chloroethane-d5             | 1.64    | 69    | 92308    | 16.93    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 33.86%# |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 264249   | 21.24    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 42.48%# |
| 21) 2-Butanone-d5              | 4.19    | 46    | 366267   | 72.40    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 72.40%  |
| 24) Chloroform-d               | 4.64    | 84    | 393678   | 31.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 62.92%# |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 238987   | 33.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 66.96%# |
| 32) Benzene-d6                 | 5.33    | 84    | 838340   | 31.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 62.02%# |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 271135   | 32.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 64.82%# |
| 41) Toluene-d8                 | 7.56    | 98    | 750472   | 29.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 59.04%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 127612   | 31.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.66%  |
| 47) 2-Hexanone-d5              | 8.32    | 63    | 329898   | 76.04    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 76.04%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 480671   | 37.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 74.92%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 366548   | 33.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 66.40%# |

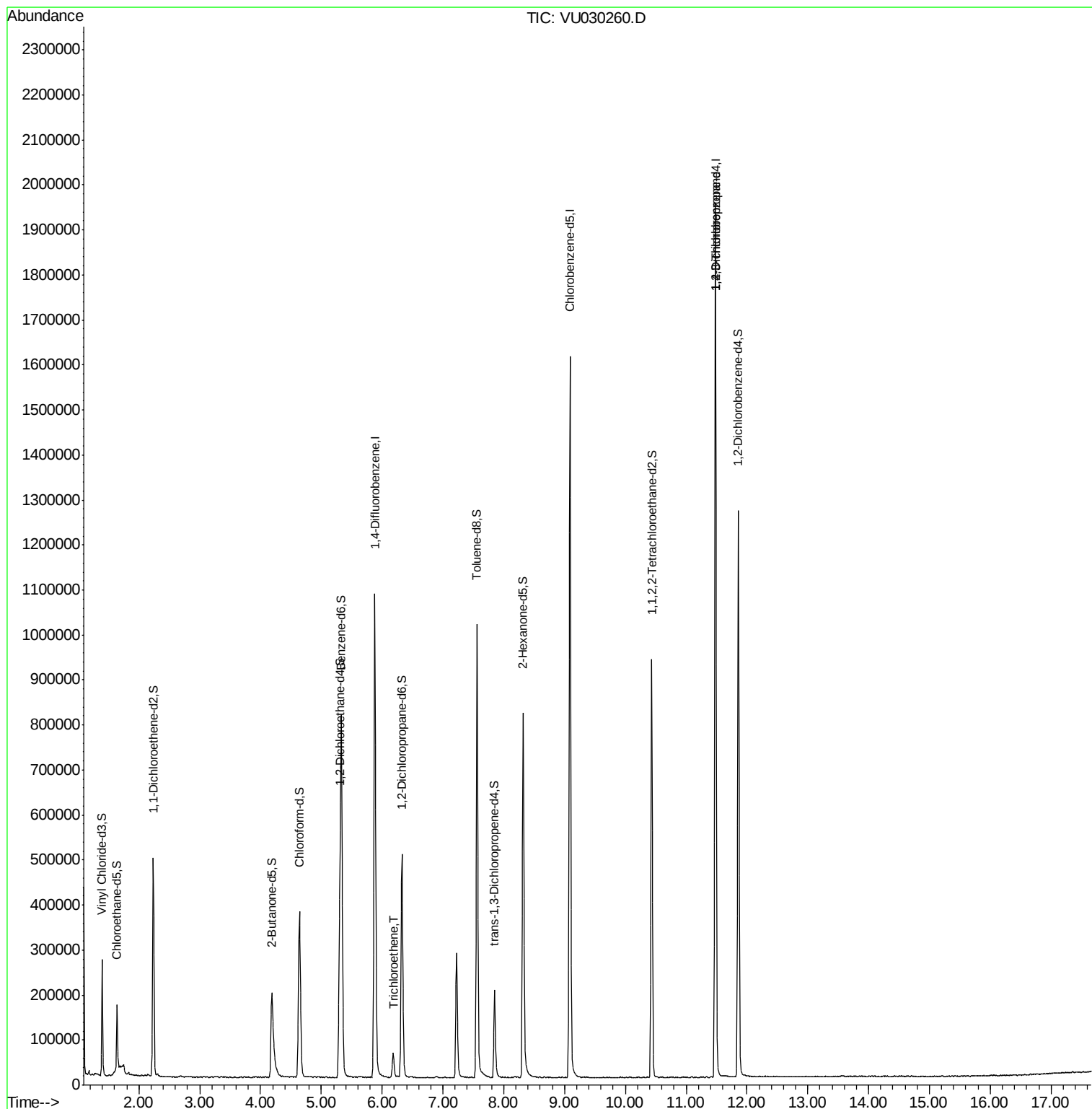
| Target Compounds           |       |    |       |       |      | Qvalue |
|----------------------------|-------|----|-------|-------|------|--------|
| 34) Trichloroethene        | 6.18  | 95 | 20024 | 2.566 | ug/L | 96     |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 57408 | 5.603 | ug/L | 96     |

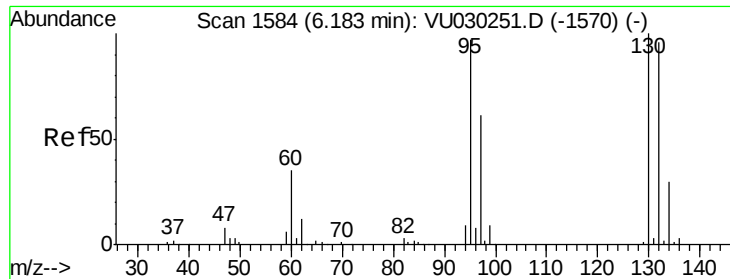
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 2.566 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU030260.D

Acq: 21 Mar 2019 13:06

Instrument :

MSVOA\_U

ClientSampleId :

BF0D7

Tgt Ion: 95 Resp: 20024

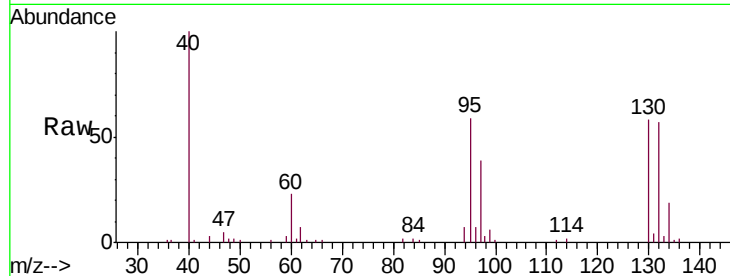
Ion Ratio Lower Upper

95 100

97 65.6 46.2 85.8

132 96.4 69.3 128.7

130 98.6 73.6 136.6

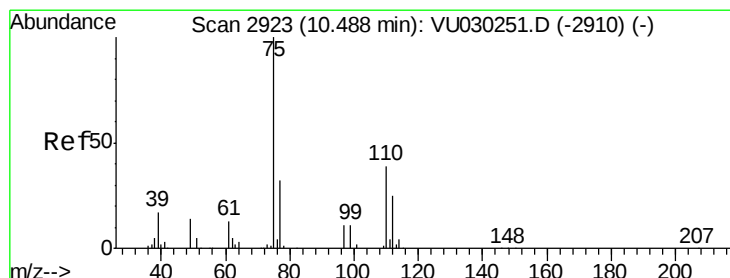
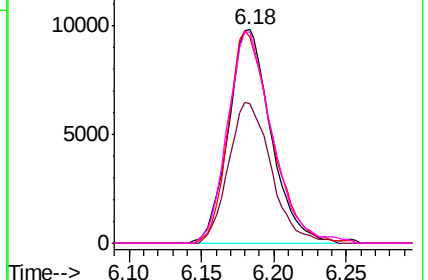
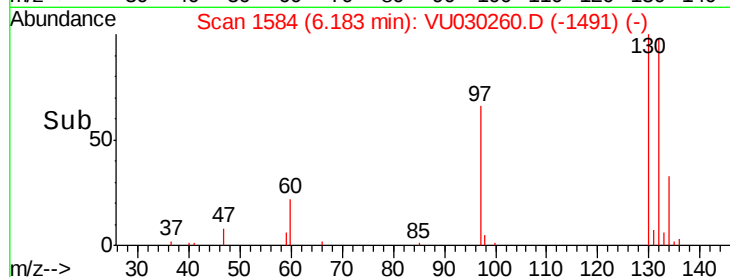


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#59

1,2,3-Trichloropropane

Concen: 5.603 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

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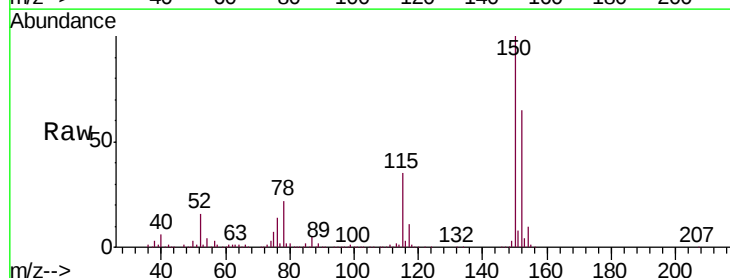
Acq: 21 Mar 2019 13:06

Tgt Ion: 75 Resp: 57408

Ion Ratio Lower Upper

75 100

77 34.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

