

Data File : VU030321.D  
Acq On : 22 Mar 2019 20:14  
Operator : JC/SP  
Sample : K1988-15ME  
Misc : 6.05g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BF0C6ME

Quant Time: Mar 23 04:40:39 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031919WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Mar 23 04:35:39 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 873024   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 871131   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 457361   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 162976   | 27.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 55.22%# |
| 7) Chloroethane-d5             | 1.64    | 69    | 81579    | 17.28    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 34.56%# |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 229068   | 21.27    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 42.54%# |
| 21) 2-Butanone-d5              | 4.19    | 46    | 306941   | 70.09    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 70.09%  |
| 24) Chloroform-d               | 4.64    | 84    | 330401   | 30.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 61.00%# |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 202427   | 32.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 65.52%# |
| 32) Benzene-d6                 | 5.33    | 84    | 705942   | 30.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 61.50%# |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 225261   | 31.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 63.42%# |
| 41) Toluene-d8                 | 7.56    | 98    | 622462   | 28.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 57.68%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 102855   | 29.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 59.48%# |
| 47) 2-Hexanone-d5              | 8.32    | 63    | 275531   | 74.80    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 74.80%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 391354   | 35.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 71.84%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 300528   | 32.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 65.46%# |

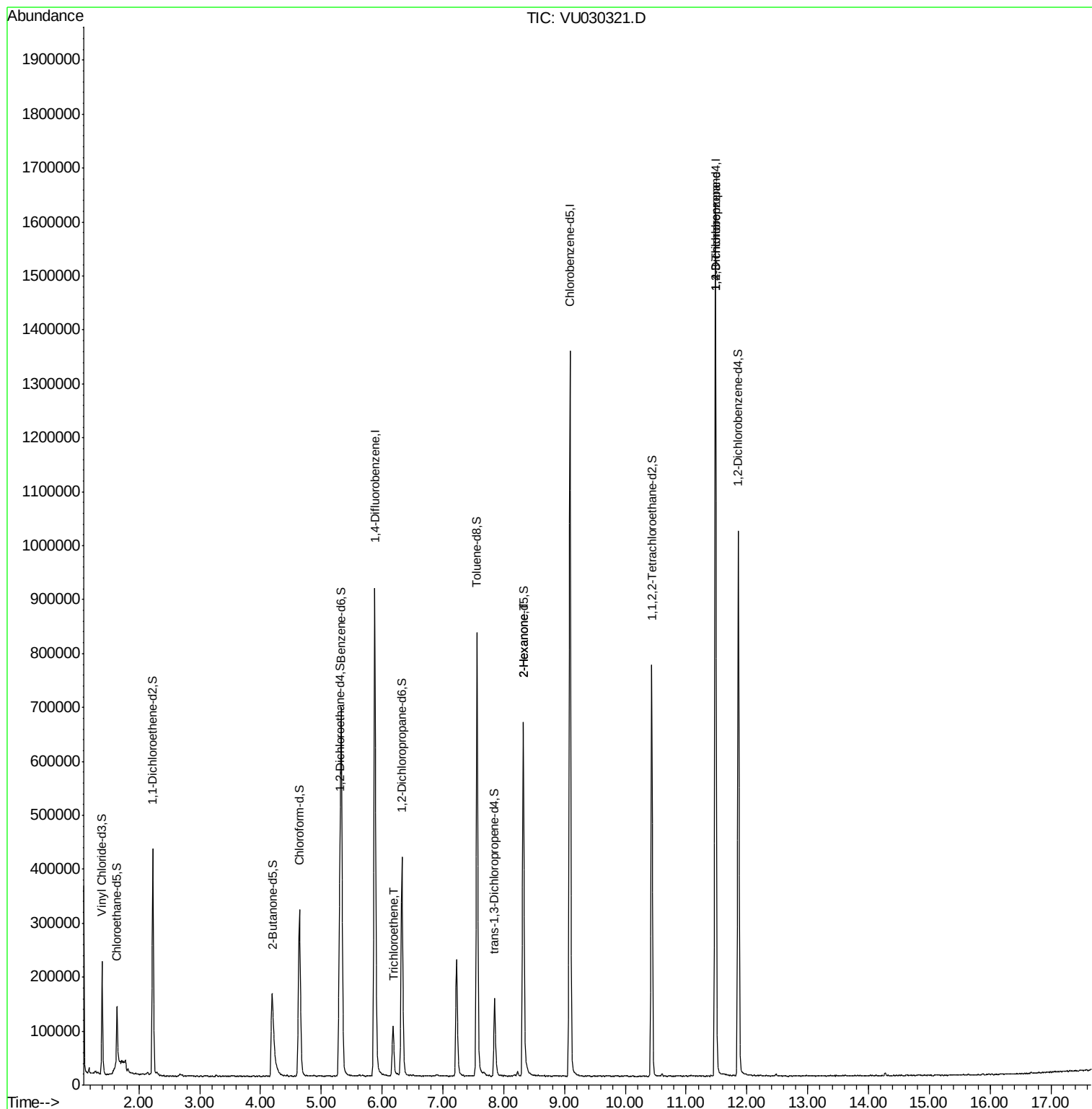
| Target Compounds           |       |    |       |       |        | Qvalue |
|----------------------------|-------|----|-------|-------|--------|--------|
| 34) Trichloroethene        | 6.18  | 95 | 34882 | 5.266 | ug/L   | 98     |
| 48) 2-Hexanone             | 8.32  | 43 | 25821 | 3.517 | ug/L # | 66     |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 47017 | 5.404 | ug/L   | 95     |

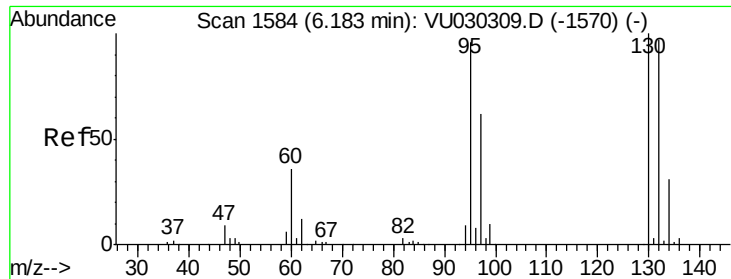
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 5.266 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Acq: 22 Mar 2019 20:14

Instrument :

MSVOA\_U

ClientSampleId :

BF0C6ME

Tgt Ion: 95 Resp: 34882

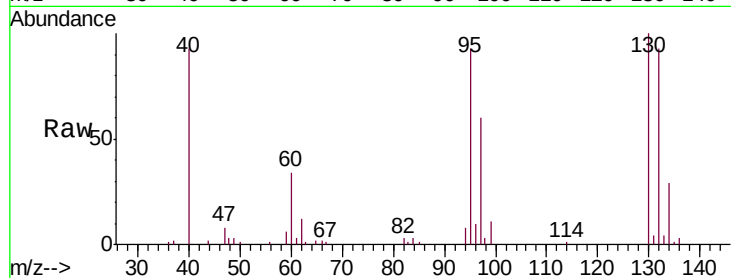
Ion Ratio Lower Upper

95 100

97 65.0 46.2 85.8

132 100.0 69.3 128.7

130 107.8 73.6 136.6

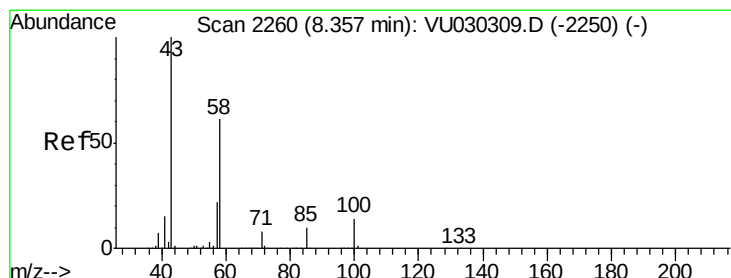
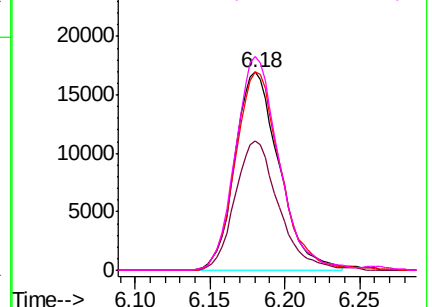
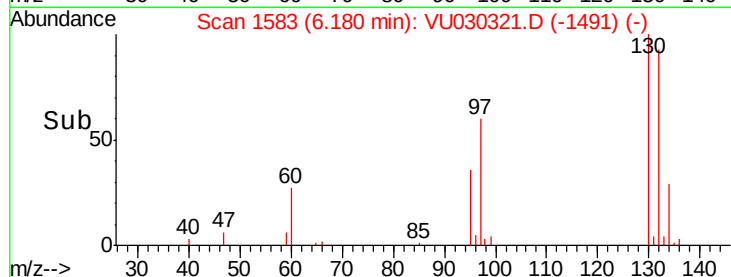


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#48

2-Hexanone

Concen: 3.517 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 25821

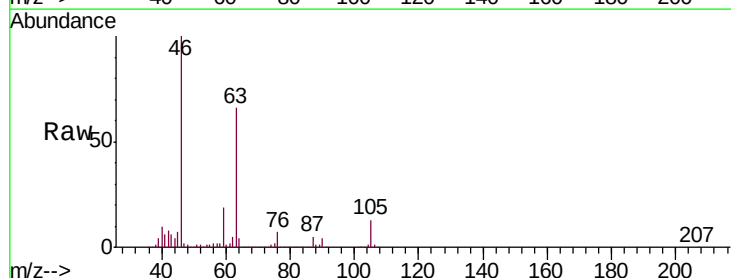
Ion Ratio Lower Upper

43 100

58 30.7 49.3 73.9#

57 28.8 17.0 25.4#

100 0.2 11.0 16.4#

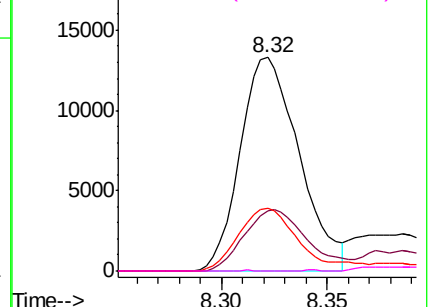
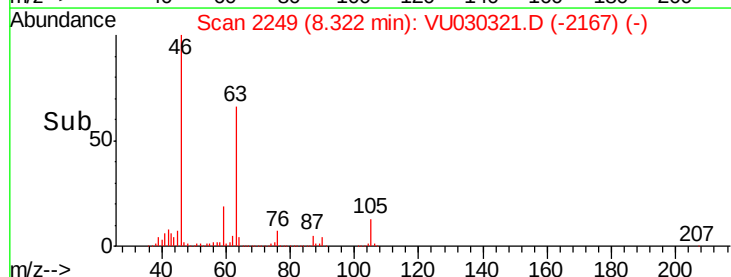


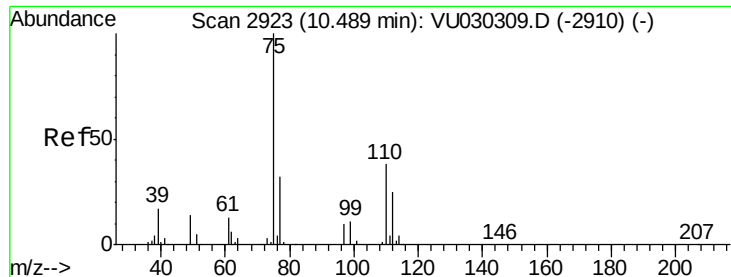
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.404 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

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Tgt Ion: 75 Resp: 47017

Ion Ratio Lower Upper

75 100

77 35.3 25.8 38.8

