

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112019\  
 Data File : VU035788.D  
 Acq On : 20 Nov 2019 14:40  
 Operator : JC/SP  
 Sample : VIBLK40  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 21 04:12:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 21 04:09:14 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 651767   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 648220   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 190423   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62    | 65    | 231426   | 43.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 87.92%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 202120   | 48.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.16%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 303735   | 37.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.20%  |
| 21) 2-Butanone-d5              | 4.69    | 46    | 378897   | 123.22   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 123.22% |
| 24) Chloroform-d               | 5.11    | 84    | 429285   | 52.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.60% |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 294999   | 59.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 118.46% |
| 32) Benzene-d6                 | 5.77    | 84    | 838320   | 49.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.22%  |
| 36) 1,2-Dichloropropane-d6     | 6.73    | 67    | 291359   | 53.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 106.34% |
| 41) Toluene-d8                 | 7.93    | 98    | 720714   | 45.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.44%  |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 124091   | 49.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 98.32%  |
| 47) 2-Hexanone-d5              | 8.68    | 63    | 214648   | 102.21   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 102.21% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79   | 84    | 385112   | 49.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.84%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22   | 152   | 187383   | 48.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.58%  |

## Target Compounds

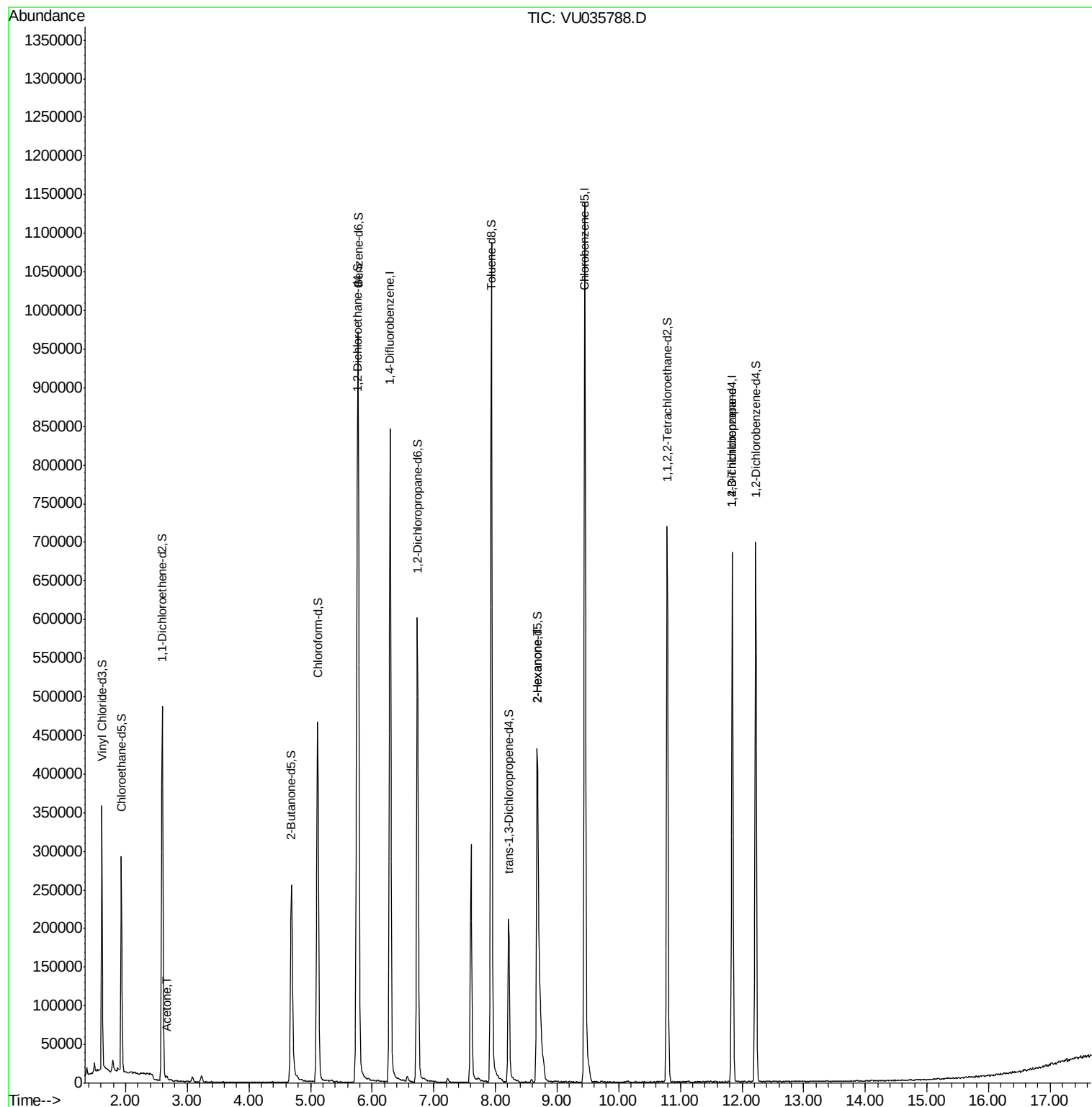
|                            |       |    |       |              | Ovalue |
|----------------------------|-------|----|-------|--------------|--------|
| 13) Acetone                | 2.66  | 43 | 4907  | 1.814 ug/L   | 74     |
| 48) 2-Hexanone             | 8.68  | 43 | 21503 | 4.051 ug/L # | 69     |
| 59) 1,2,3-Trichloropropane | 11.84 | 75 | 25579 | 4.021 ug/L   | 94     |

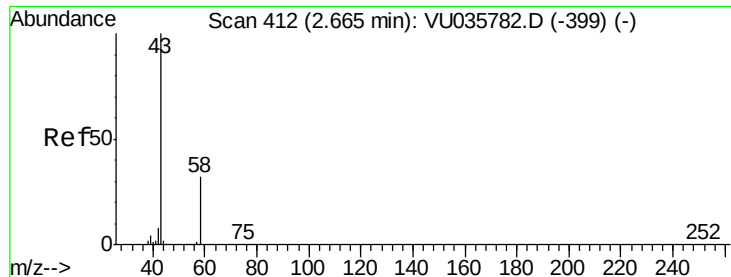
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 21 04:09:14 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 1.814 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU035788.D

Acq: 20 Nov 2019 14:40

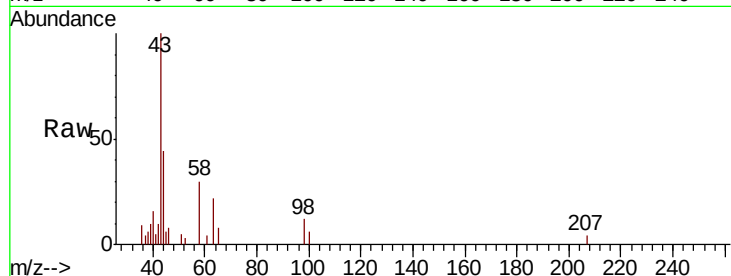
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 43 Resp: 4907

Ion Ratio Lower Upper

43 100

58 20.1 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035788.D (-399) (-)

Ion 58.00 (57.70 to 58.70): VU035788.D (-399) (-)

2.66

3000

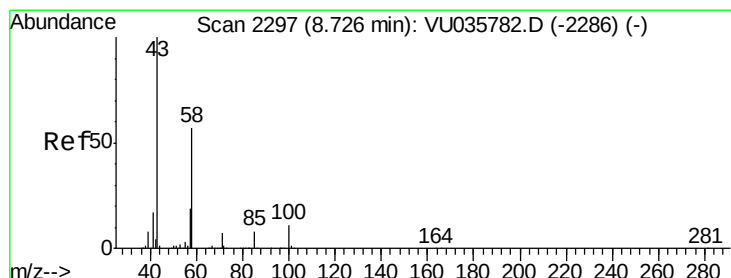
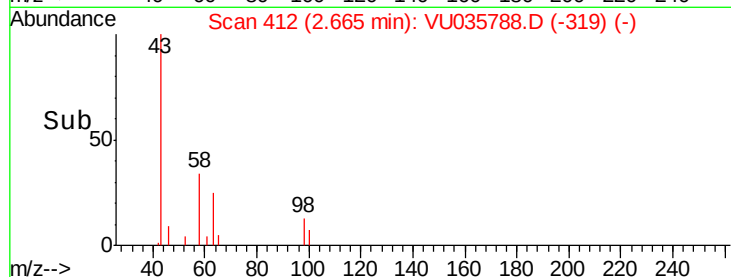
2000

1000

0

Time-->

2.65 2.70



#48

2-Hexanone

Concen: 4.051 ug/L

RT: 8.68 min Scan# 2282

Delta R.T. -0.05 min

Lab File: VU035788.D

Acq: 20 Nov 2019 14:40

Tgt Ion: 43 Resp: 21503

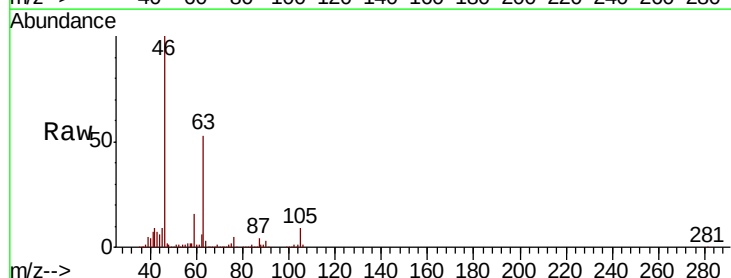
Ion Ratio Lower Upper

43 100

58 35.0 50.4 75.6#

57 30.2 17.4 26.0#

100 1.7 10.5 15.7#



Abundance Ion 43.00 (42.70 to 43.70): VU035788.D (-2286) (-)

Ion 58.00 (57.70 to 58.70): VU035788.D (-2286) (-)

Ion 57.00 (56.70 to 57.70): VU035788.D (-2286) (-)

Ion 100.00 (99.70 to 100.70): VU035788.D (-2286) (-)

8.68

15000

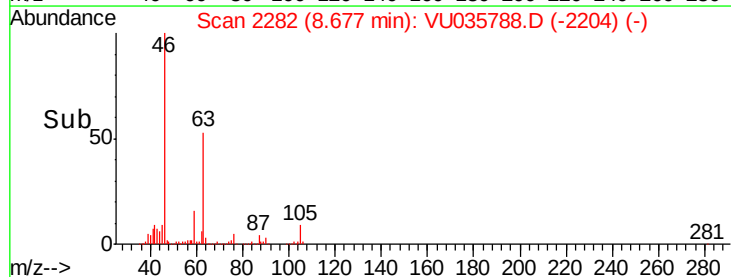
10000

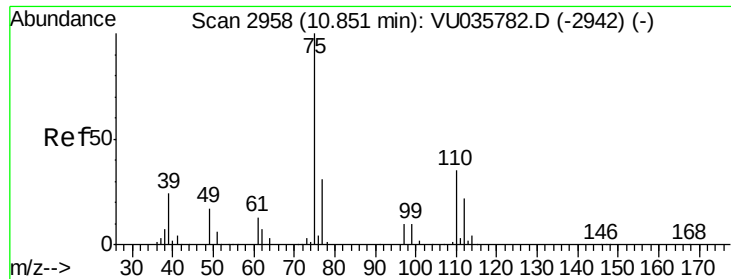
5000

0

Time-->

8.65 8.70





#59

1,2,3-Trichloropropane

Concen: 4.021 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035788.D

Acq: 20 Nov 2019 14:40

Instrument :

MSVOA\_U

ClientSampleId :

Tot Ion: 75 Resp: 25579

Ion Ratio Lower Upper

75 100

77 35.4 25.7 38.5

