

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110519\  
 Data File : VU035628.D  
 Acq On : 05 Nov 2019 14:15  
 Operator : JC/SP  
 Sample : K5679-06  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CM9

Quant Time: Nov 06 03:07:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 06 03:03:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 629169   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 600761   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 177492   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.62    | 65    | 178796   | 35.19    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 70.38% |
| 7) Chloroethane-d5             | 1.94    | 69    | 165424   | 40.76    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 81.52% |
| 11) 1,1-Dichloroethene-d2      | 2.60    | 63    | 238386   | 30.16    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 60.32% |
| 21) 2-Butanone-d5              | 4.69    | 46    | 274070   | 92.33    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.33% |
| 24) Chloroform-d               | 5.11    | 84    | 355439   | 45.29    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.58% |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 221914   | 46.16    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.32% |
| 32) Benzene-d6                 | 5.77    | 84    | 742278   | 47.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.80% |
| 36) 1,2-Dichloropropane-d6     | 6.74    | 67    | 244518   | 48.15    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.30% |
| 41) Toluene-d8                 | 7.93    | 98    | 657013   | 44.48    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.96% |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 108270   | 46.28    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.56% |
| 47) 2-Hexanone-d5              | 8.68    | 63    | 173157   | 88.97    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 88.97% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79   | 84    | 327141   | 45.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22   | 152   | 174973   | 48.88    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.76% |

## Target Compounds

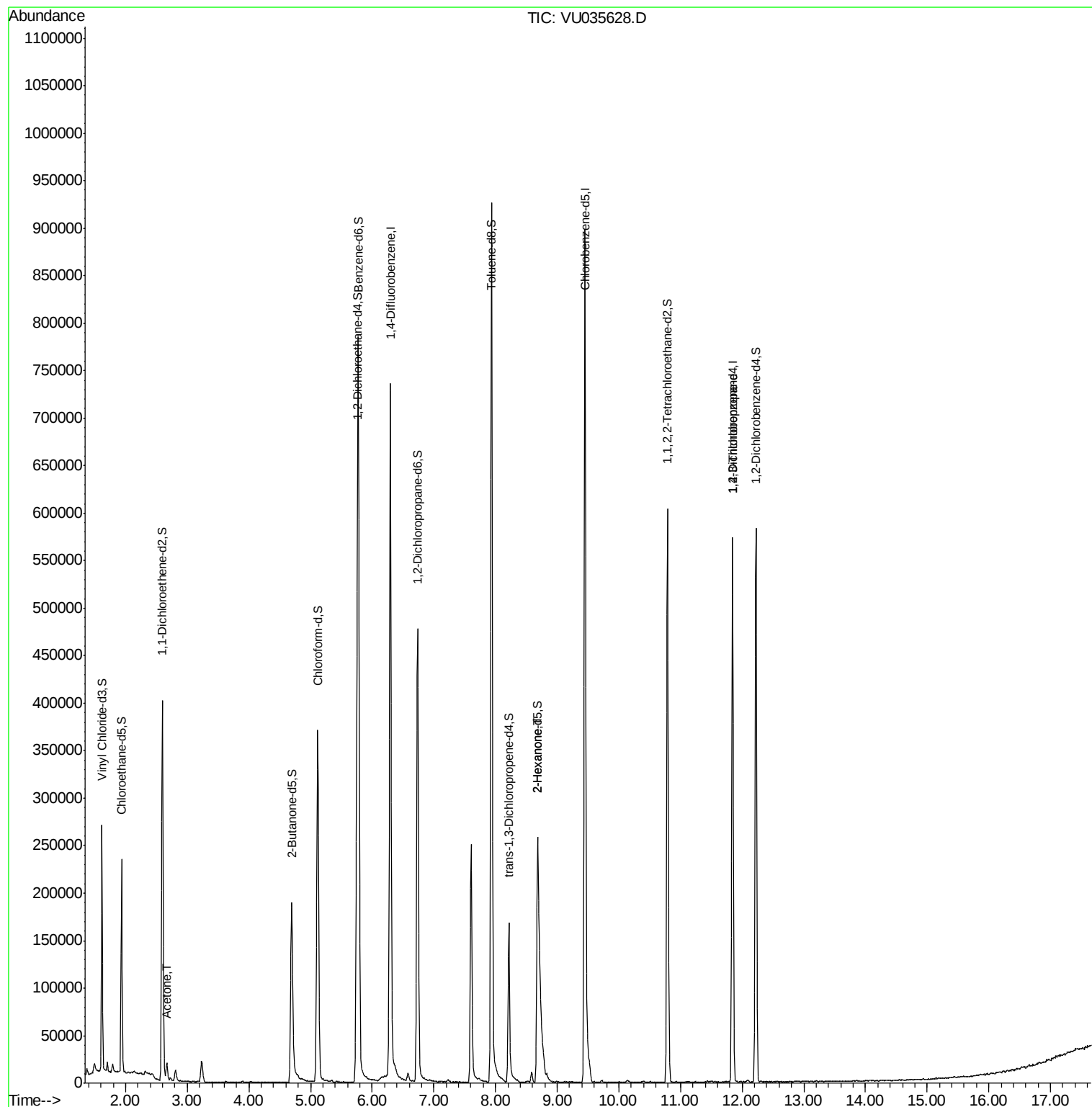
|                            |       |    |       |       | Ovalue    |
|----------------------------|-------|----|-------|-------|-----------|
| 13) Acetone                | 2.67  | 43 | 19836 | 7.595 | ug/L 100  |
| 48) 2-Hexanone             | 8.68  | 43 | 13285 | 2.701 | ug/L # 59 |
| 59) 1,2,3-Trichloropropane | 11.84 | 75 | 19634 | 3.330 | ug/L 96   |

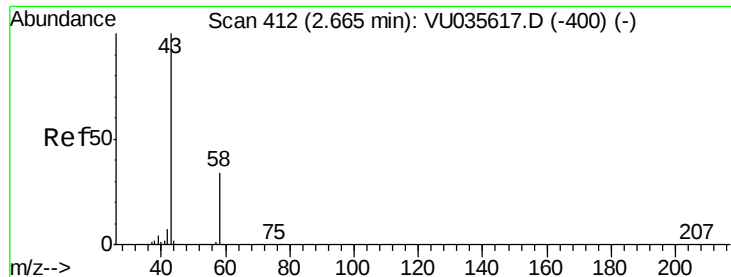
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.595 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU035628.D

Acq: 05 Nov 2019 14:15

Instrument :

MSVOA\_U

ClientSampleId :

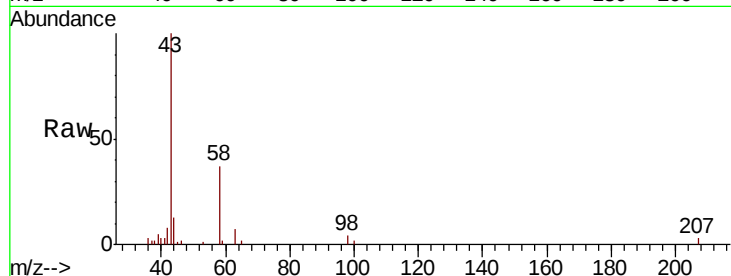
C0CM9

Tot Ion: 43 Resp: 19836

Ion Ratio Lower Upper

43 100

58 34.8 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035617.D (-400) (-)

Ion 58.00 (57.70 to 58.70): VU035617.D (-400) (-)

2.67

12000

10000

8000

6000

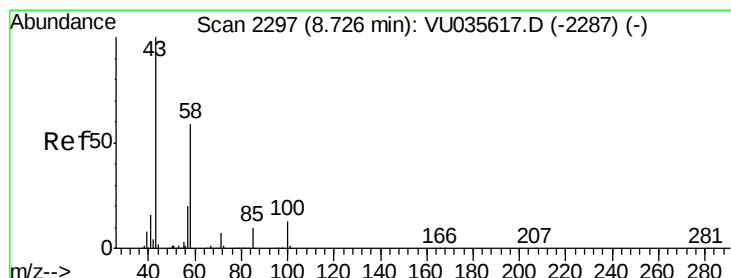
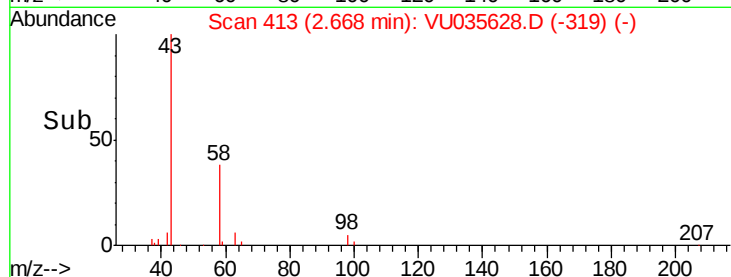
4000

2000

0

Time-->

2.60 2.65 2.70 2.75



#48

2-Hexanone

Concen: 2.701 ug/L

RT: 8.68 min Scan# 2283

Delta R.T. -0.04 min

Lab File: VU035628.D

Acq: 05 Nov 2019 14:15

Tgt Ion: 43 Resp: 13285

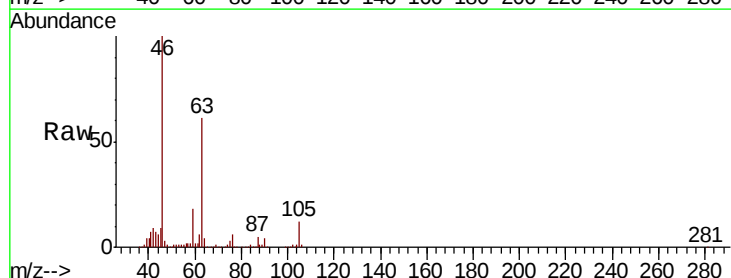
Ion Ratio Lower Upper

43 100

58 26.0 50.4 75.6#

57 35.5 17.4 26.0#

100 2.7 10.5 15.7#



Abundance Ion 43.00 (42.70 to 43.70): VU035617.D (-2287) (-)

Ion 58.00 (57.70 to 58.70): VU035617.D (-2287) (-)

Ion 57.00 (56.70 to 57.70): VU035617.D (-2287) (-)

Ion 100.00 (99.70 to 100.70): VU035617.D (-2287) (-)

8.68

10000

8000

6000

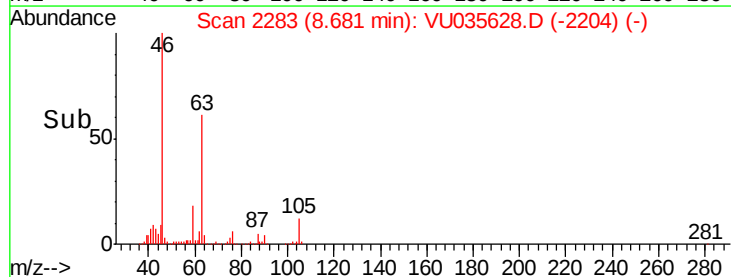
4000

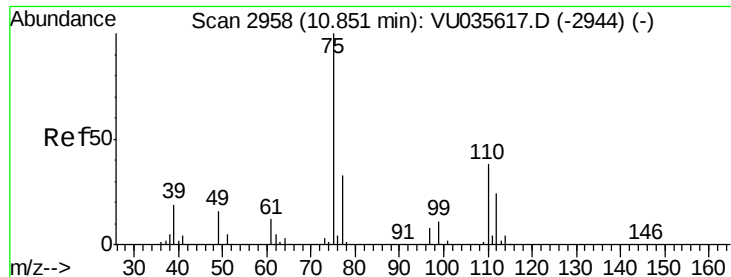
2000

0

Time-->

8.65 8.70





#59

1,2,3-Trichloropropane

Concen: 3.330 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035628.D

Acq: 05 Nov 2019 14:15

Instrument :

MSVOA\_U

ClientSampleId :

C0CM9

Tot Ion: 75 Resp: 19634

Ion Ratio Lower Upper

75 100

77 34.1 25.7 38.5

