

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110519\  
 Data File : VU035631.D  
 Acq On : 05 Nov 2019 15:24  
 Operator : JC/SP  
 Sample : K5679-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CM8

Quant Time: Nov 06 03:07:21 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  | 619940   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 594913   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 158339   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62    | 65    | 180114   | 35.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 71.94%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 164963   | 41.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.50%  |
| 11) 1,1-Dichloroethene-d2      | 2.60    | 63    | 237733   | 30.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.06%  |
| 21) 2-Butanone-d5              | 4.69    | 46    | 269728   | 92.22    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.22%  |
| 24) Chloroform-d               | 5.11    | 84    | 355108   | 45.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.84%  |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 220736   | 46.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.20%  |
| 32) Benzene-d6                 | 5.77    | 84    | 735011   | 47.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.74    | 67    | 241603   | 48.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.08%  |
| 41) Toluene-d8                 | 7.93    | 98    | 656757   | 44.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.80%  |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 104929   | 45.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.60%  |
| 47) 2-Hexanone-d5              | 8.68    | 63    | 167388   | 86.85    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 86.85%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79   | 84    | 324527   | 45.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.76%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22   | 152   | 164326   | 51.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.90% |

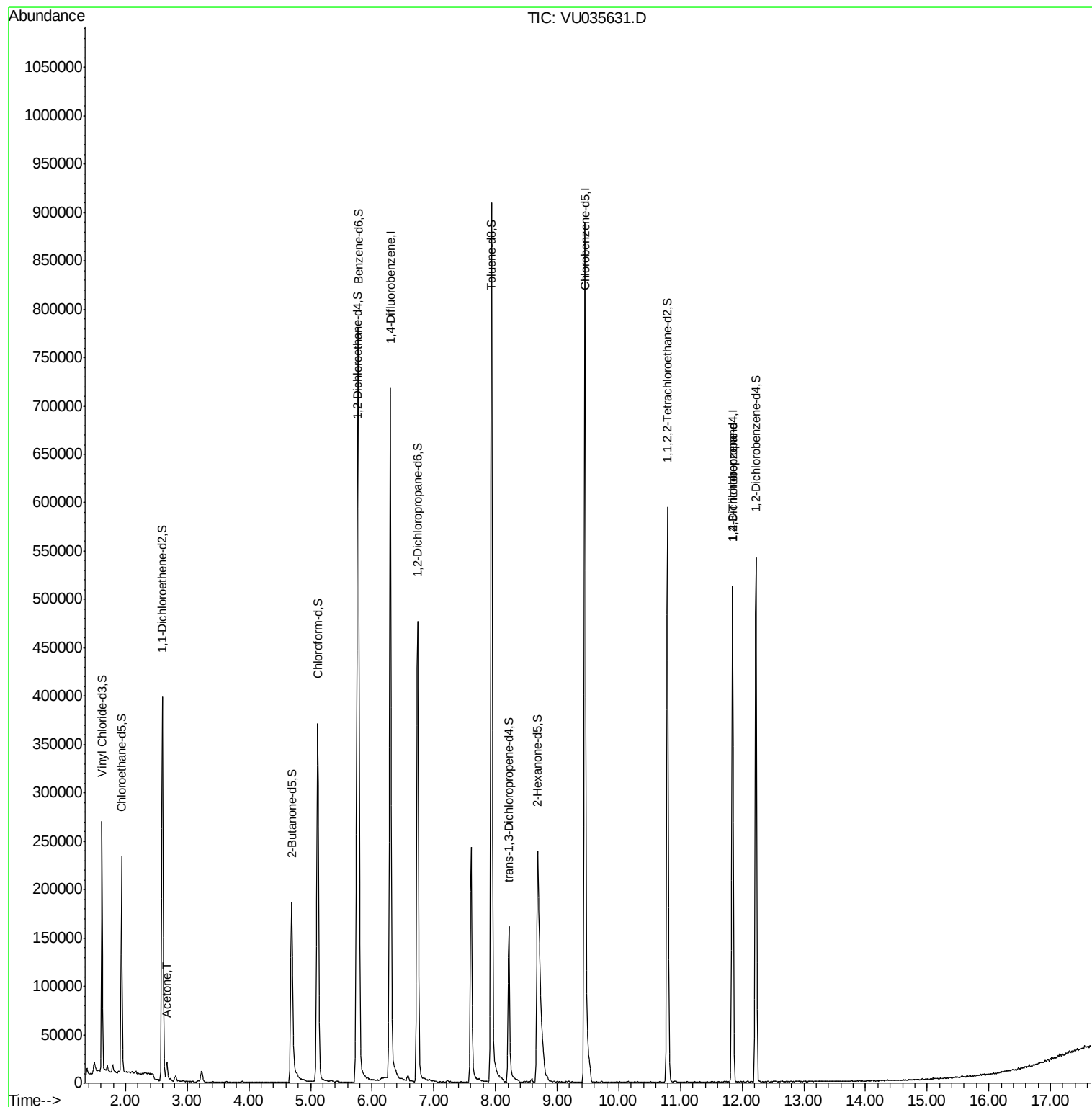
| Target Compounds           |       |    |       |            | Ovalue |
|----------------------------|-------|----|-------|------------|--------|
| 13) Acetone                | 2.67  | 43 | 20381 | 7.920 ug/L | 98     |
| 59) 1,2,3-Trichloropropane | 11.84 | 75 | 16610 | 2.845 ug/L | 90     |

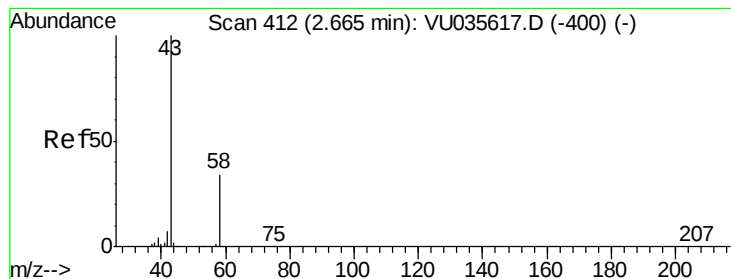
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 06 03:03:41 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 7.920 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU035631.D

Acq: 05 Nov 2019 15:24

Instrument :

MSVOA\_U

ClientSampleId :

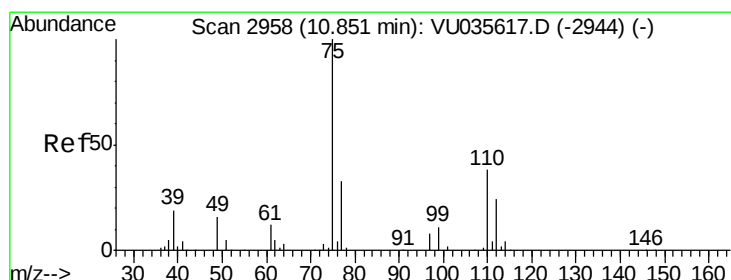
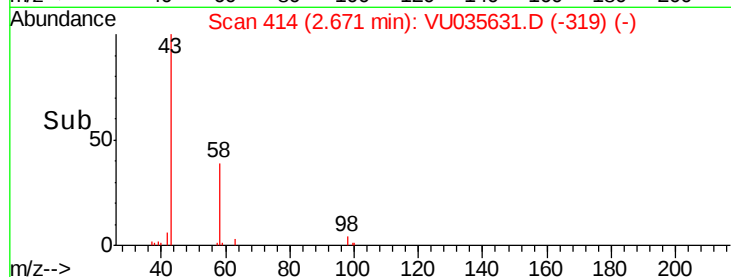
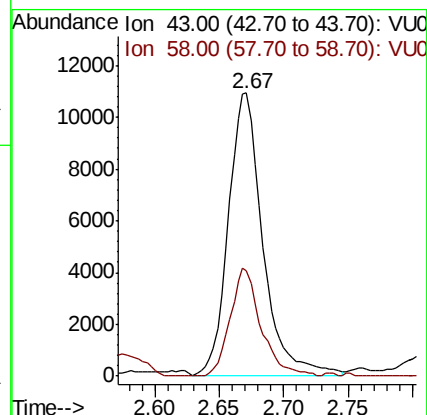
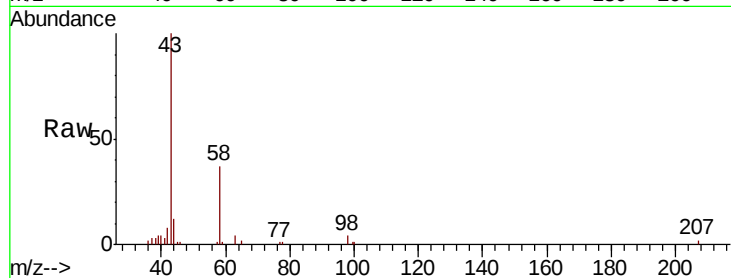
C0CM8

Tot Ion: 43 Resp: 20381

Ion Ratio Lower Upper

43 100

58 33.9 0.0 70.0



#59

1,2,3-Trichloropropane

Concen: 2.845 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035631.D

Acq: 05 Nov 2019 15:24

Tgt Ion: 75 Resp: 16610

Ion Ratio Lower Upper

75 100

77 37.4 25.7 38.5

