

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\  
 Data File : VU034413.D  
 Acq On : 08 Sep 2019 05:05  
 Operator : JC/SP  
 Sample : K4703-17  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFDA0

Quant Time: Sep 09 06:41:48 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR090119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sun Sep 08 03:44:03 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.87  | 114  | 265732   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 276010   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 120365   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 75611    | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 84.40%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 68576    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 110440   | 3.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.80%  |
| 20) 2-Butanone-d5              | 4.17   | 46    | 217231   | 52.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.08% |
| 24) Chloroform-d               | 4.63   | 84    | 159846   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.20% |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 77640    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.60%  |
| 32) Benzene-d6                 | 5.32   | 84    | 315399   | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 105651   | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.60%  |
| 41) Toluene-d8                 | 7.55   | 98    | 266442   | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.00%  |
| 43) trans-1,3-Dichloropropene- | 7.83   | 79    | 31238    | 3.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.60%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 151908   | 44.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.20%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 88914    | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 107.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.84  | 152   | 112730   | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.00% |

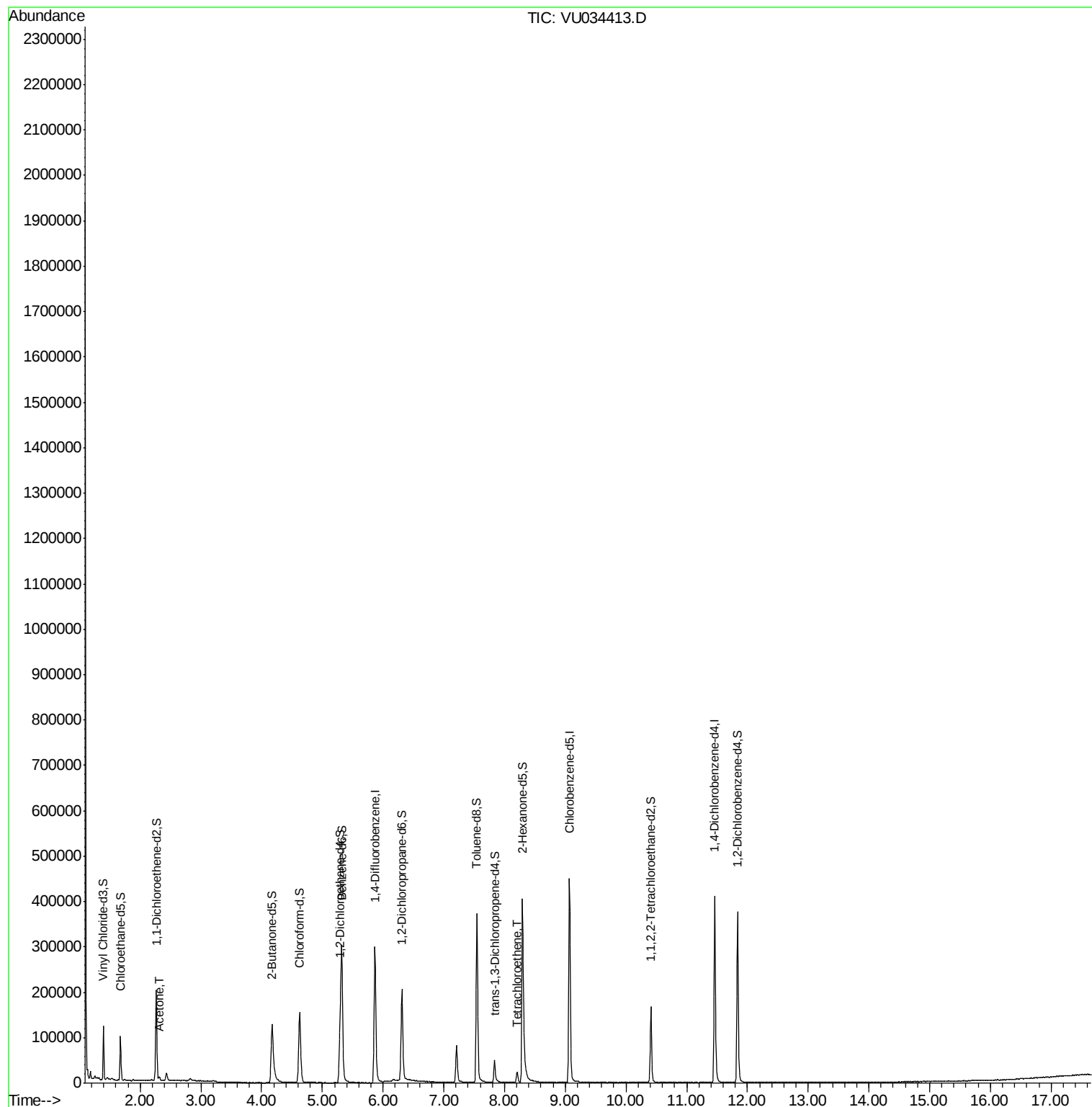
| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 13) Acetone           | 2.31 | 43  | 7554 | 2.729 ug/L | 93     |
| 47) Tetrachloroethene | 8.21 | 164 | 6207 | 0.351 ug/L | 90     |

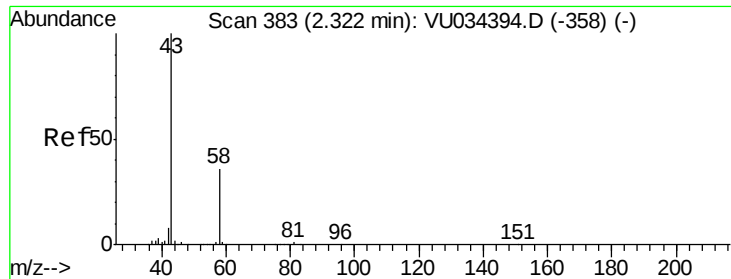
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.729 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.01 min

Lab File: VU034413.D

Acq: 08 Sep 2019 05:05

Instrument :

MSVOA\_U

ClientSampleId :

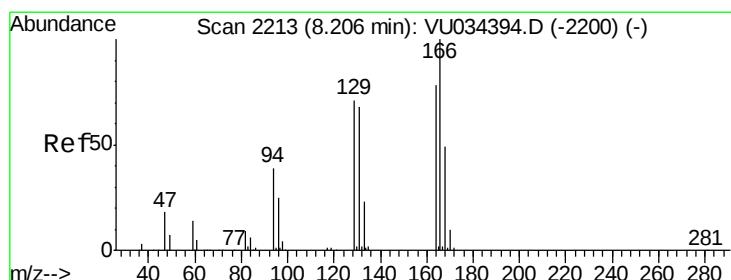
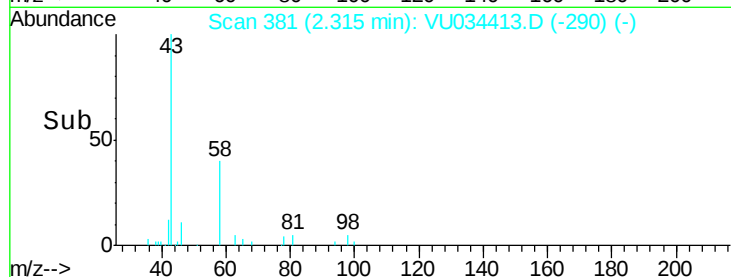
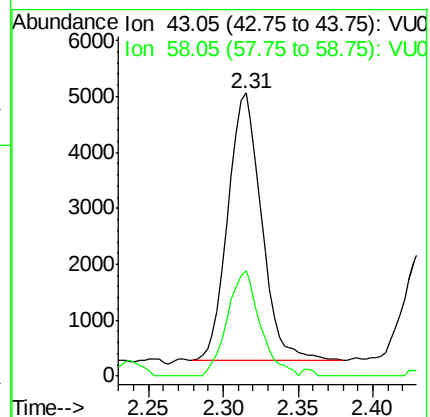
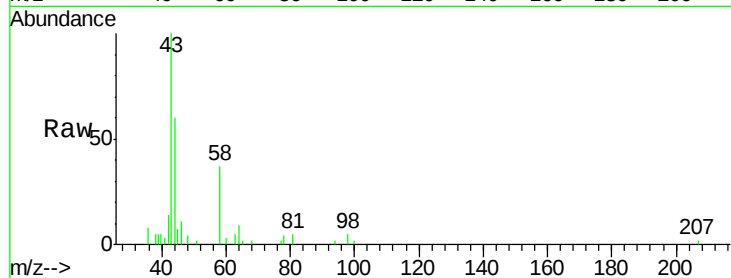
BFDA0

Tot Ion: 43 Resp: 7554

Ion Ratio Lower Upper

43 100

58 38.1 0.0 67.6



#47

Tetrachloroethene

Concen: 0.351 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU034413.D

Acq: 08 Sep 2019 05:05

Tgt Ion: 164 Resp: 6207

Ion Ratio Lower Upper

164 100

129 85.1 68.0 126.2

131 94.7 64.6 120.0

166 115.6 92.0 170.8

