

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\  
 Data File : VU036167.D  
 Acq On : 12 Dec 2019 22:49  
 Operator : JC/MD  
 Sample : K6273-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFDQ7

Quant Time: Dec 13 03:55:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Dec 13 02:41:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 258204   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 288586   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 104520   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62   | 65    | 123031   | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 94.00%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 117645   | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.20% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 131388   | 3.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.00%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 209056   | 49.73    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.46%  |
| 24) Chloroform-d               | 5.11   | 84    | 159873   | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 101350   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.20% |
| 32) Benzene-d6                 | 5.77   | 84    | 370819   | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 119487   | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.60%  |
| 41) Toluene-d8                 | 7.93   | 98    | 294505   | 4.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.60%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 42493    | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.60%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 162659   | 44.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.18%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 105582   | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 109013   | 5.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.80% |

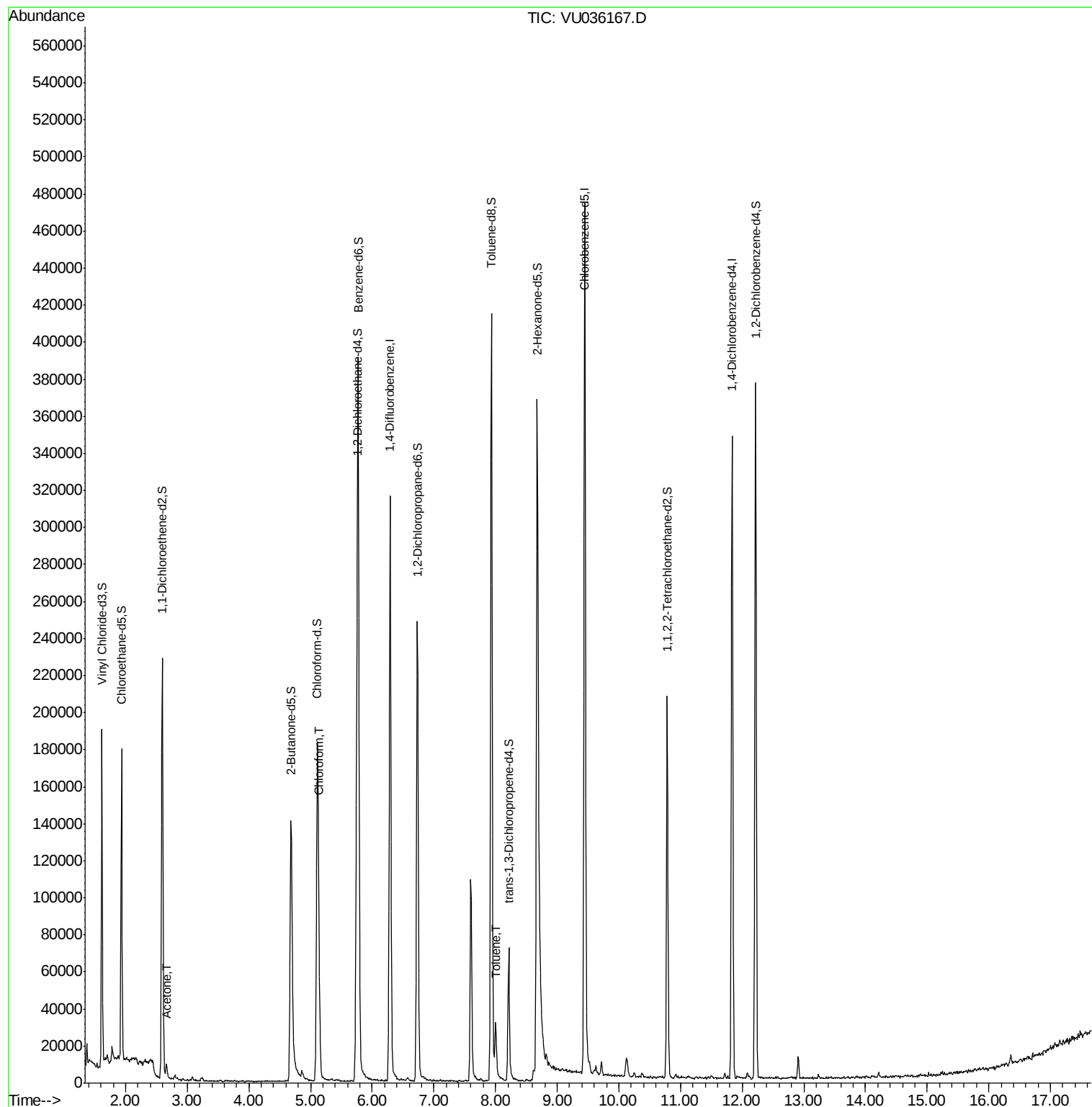
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.66 | 43 | 7957  | 2.176 ug/L | 98     |
| 25) Chloroform   | 5.14 | 83 | 40198 | 1.024 ug/L | 100    |
| 42) Toluene      | 8.00 | 91 | 20123 | 0.214 ug/L | 95     |

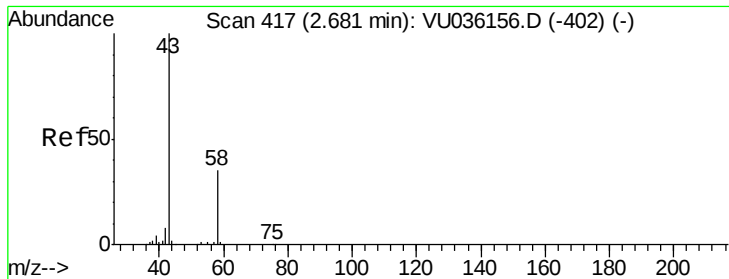
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.176 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036167.D

Acq: 12 Dec 2019 22:49

Instrument :

MSVOA\_U

ClientSampleId :

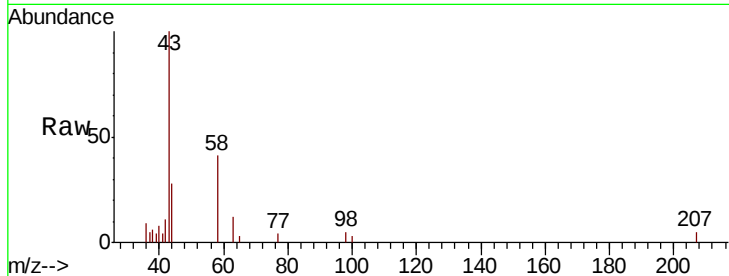
BFDQ7

Tot Ion: 43 Resp: 7957

Ion Ratio Lower Upper

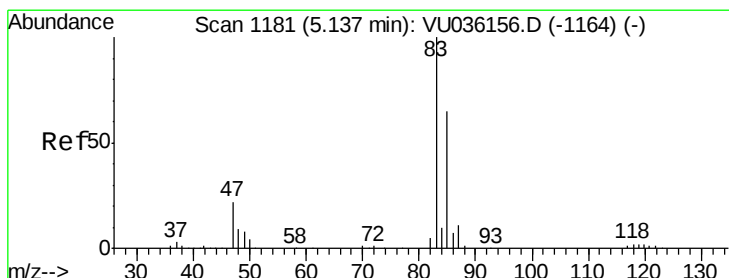
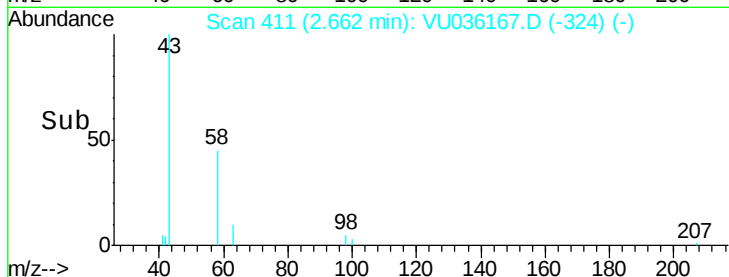
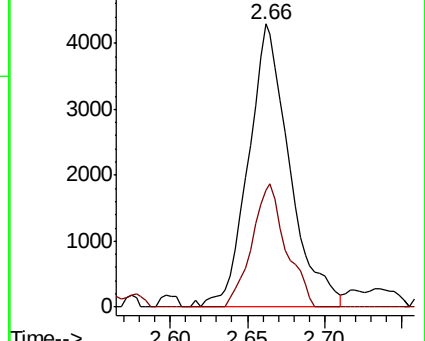
43 100

58 36.0 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU036167.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036167.D (-324) (-)



#25

Chloroform

Concen: 1.024 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU036167.D

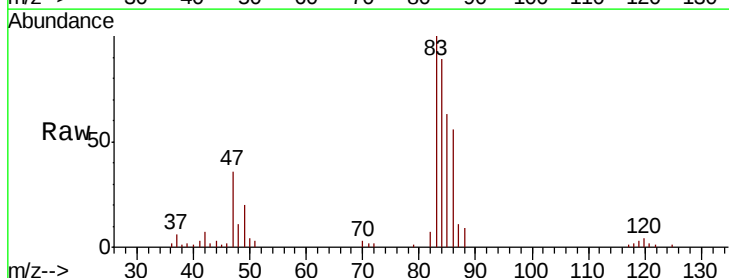
Acq: 12 Dec 2019 22:49

Tgt Ion: 83 Resp: 40198

Ion Ratio Lower Upper

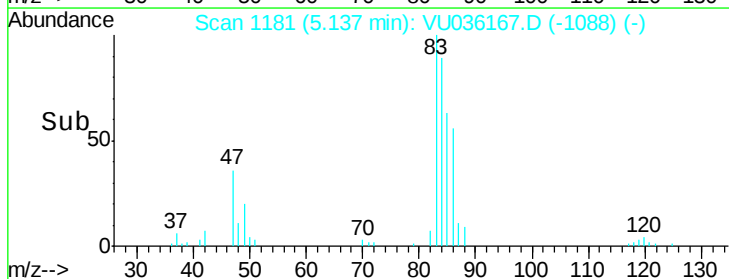
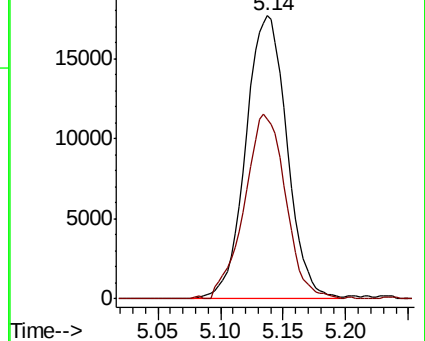
83 100

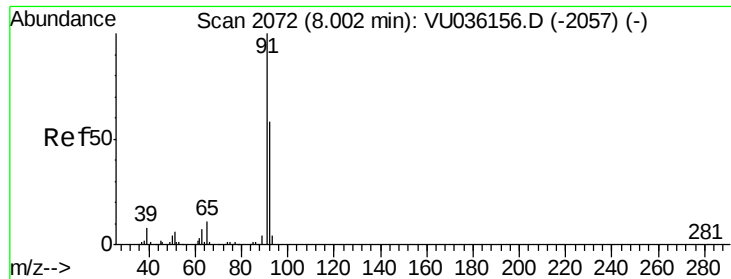
85 63.5 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU036167.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU036167.D (-1088) (-)





#42

Toluene

Concen: 0.214 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU036167.D

Acq: 12 Dec 2019 22:49

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFDQ7

Tot Ion: 91 Resp: 20123

Ion Ratio Lower Upper

91 100

92 61.6 40.7 75.7

