

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\  
 Data File : VU034387.D  
 Acq On : 07 Sep 2019 17:50  
 Operator : JC/SP  
 Sample : K4724-13  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFDB3

Quant Time: Sep 09 05:37:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR090119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Sep 03 14:18:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 301116   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 294580   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 145723   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 75876    | 3.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 74.80%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 70181    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 114771   | 3.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.40%  |
| 20) 2-Butanone-d5              | 4.17   | 46    | 216788   | 46.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 92.54%  |
| 24) Chloroform-d               | 4.63   | 84    | 161207   | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 78304    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.60%  |
| 32) Benzene-d6                 | 5.32   | 84    | 349908   | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 112554   | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.40%  |
| 41) Toluene-d8                 | 7.55   | 98    | 307444   | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.40%  |
| 43) trans-1,3-Dichloropropene- | 7.83   | 79    | 36850    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.80%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 157667   | 42.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.78%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 84729    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84  | 152   | 128040   | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.20% |

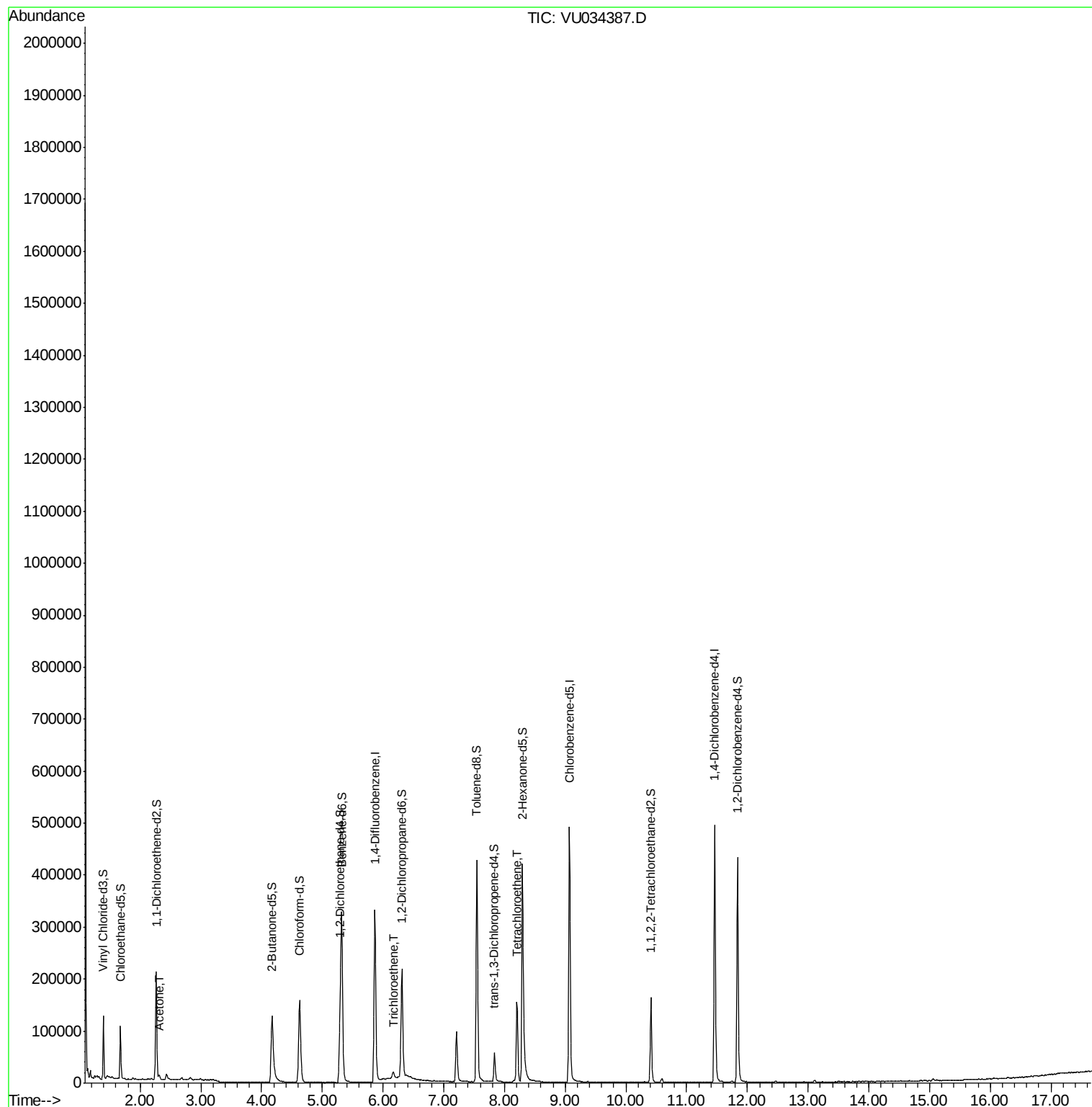
| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 13) Acetone           | 2.31 | 43  | 7219  | 2.302 ug/L | 90     |
| 34) Trichloroethene   | 6.17 | 95  | 4219  | 0.184 ug/L | 86     |
| 47) Tetrachloroethene | 8.21 | 164 | 38903 | 2.061 ug/L | 95     |

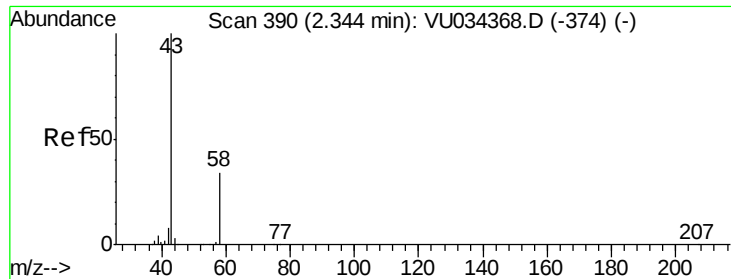
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.302 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034387.D

Acq: 07 Sep 2019 17:50

Instrument :

MSVOA\_U

ClientSampled :

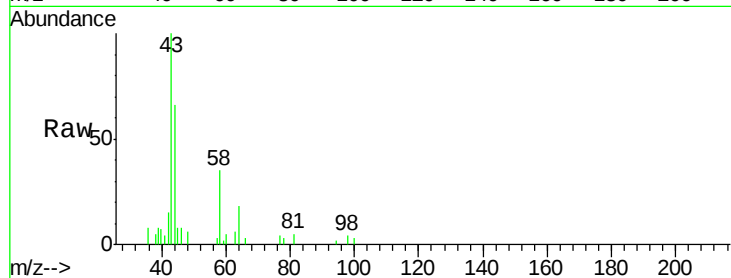
BFDB3

Tot Ion: 43 Resp: 7219

Ion Ratio Lower Upper

43 100

58 39.6 0.0 67.6

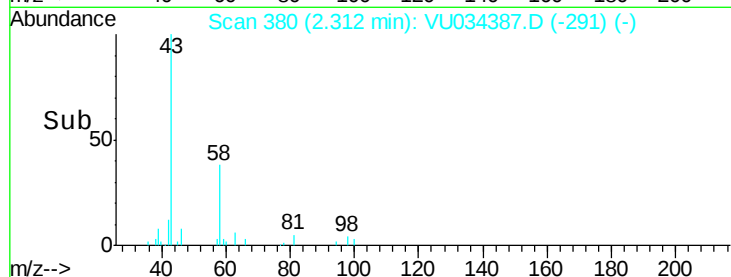


Abundance Ion 43.05 (42.75 to 43.75): VU034387.D (-380) (-)

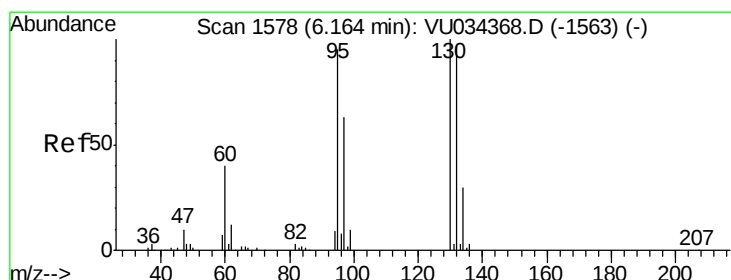
Ion 58.05 (57.75 to 58.75): VU034387.D (-380) (-)

2.31

Time-->



Time-->



#34

Trichloroethene

Concen: 0.184 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VU034387.D

Acq: 07 Sep 2019 17:50

Tgt Ion: 95 Resp: 4219

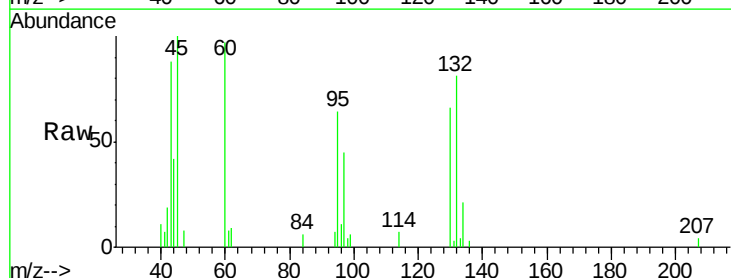
Ion Ratio Lower Upper

95 100

97 69.5 43.3 80.5

132 126.1 68.6 127.4

130 102.5 70.5 130.9



Abundance Ion 95.00 (94.70 to 95.70): VU034387.D (-1580) (-)

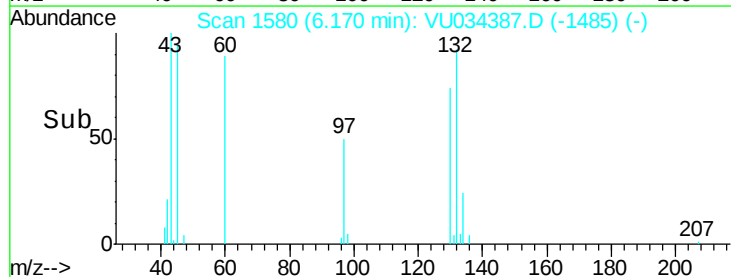
Ion 96.95 (96.65 to 97.65): VU034387.D (-1580) (-)

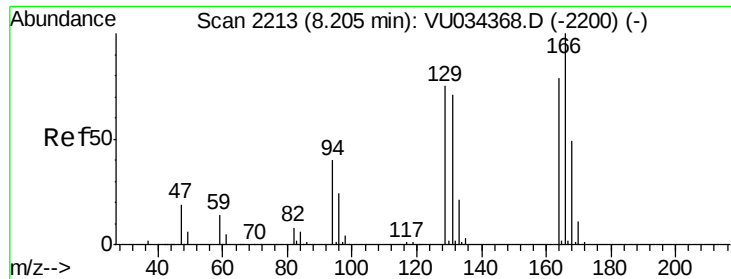
Ion 131.95 (131.65 to 132.65): VU034387.D (-1580) (-)

Ion 129.95 (129.65 to 130.65): VU034387.D (-1580) (-)

6.17

Time-->





#47

Tetrachloroethene

Concen: 2.061 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034387.D

Acq: 07 Sep 2019 17:50

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFDB3

Tot Ion:164 Resp: 38903

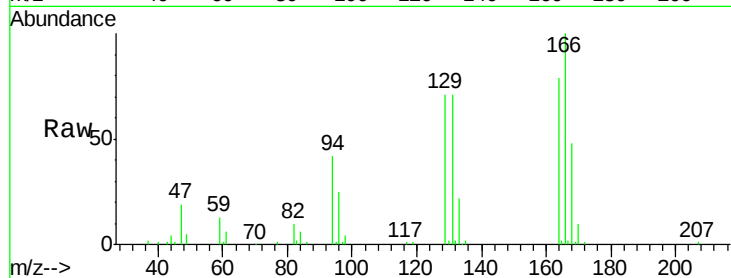
Ion Ratio Lower Upper

164 100

129 89.9 68.0 126.2

131 89.0 64.6 120.0

166 126.0 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

