

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052219\  
 Data File : VU032244.D  
 Acq On : 23 May 2019 00:10  
 Operator : JC/SP  
 Sample : K2888-14  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BP6

Quant Time: May 23 03:39:48 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR052219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu May 23 01:46:44 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 369257   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 388348   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 156820   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 117156   | 5.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 113.00% |
| 7) Chloroethane-d5             | 1.68   | 69    | 96887    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 100.20% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 172934   | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 90.60%  |
| 20) 2-Butanone-d5              | 4.20   | 46    | 249004   | 42.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 85.14%  |
| 24) Chloroform-d               | 4.64   | 84    | 225882   | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 110490   | 3.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.80%  |
| 32) Benzene-d6                 | 5.33   | 84    | 455769   | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 82.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 133928   | 3.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 74.80%  |
| 41) Toluene-d8                 | 7.56   | 98    | 381274   | 3.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 71.20%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 43191    | 3.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 62.80%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 247633   | 47.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.64%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 105245   | 2.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 59.20%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 144233   | 3.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 66.80%# |

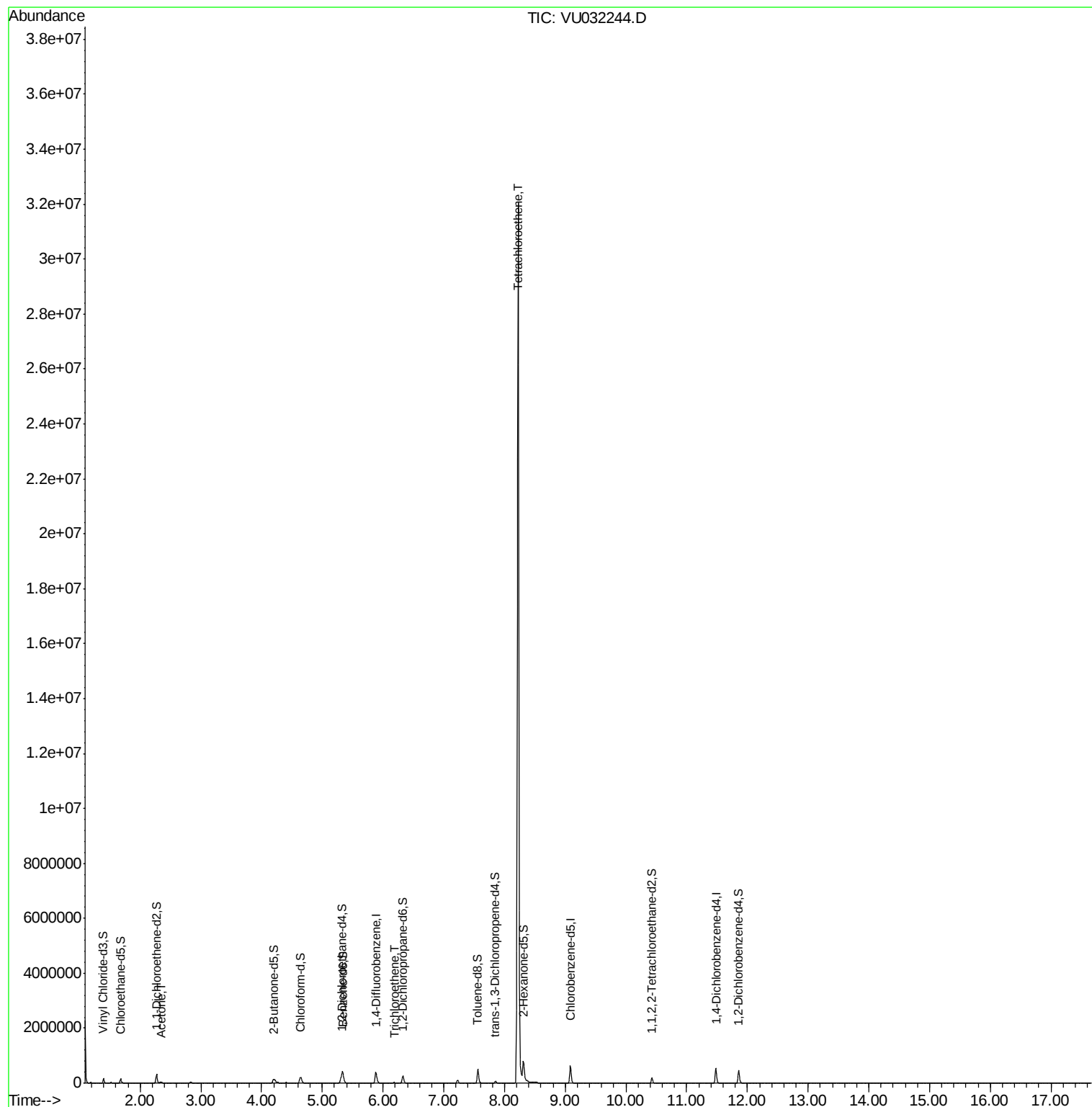
| Target Compounds      |      |     |         |              | Ovalue |
|-----------------------|------|-----|---------|--------------|--------|
| 13) Acetone           | 2.34 | 43  | 24162   | 13.332 ug/L  | 98     |
| 34) Trichloroethene   | 6.18 | 95  | 6184    | 0.439 ug/L   | 97     |
| 47) Tetrachloroethene | 8.22 | 164 | 7818093 | 671.732 ug/L | 97     |

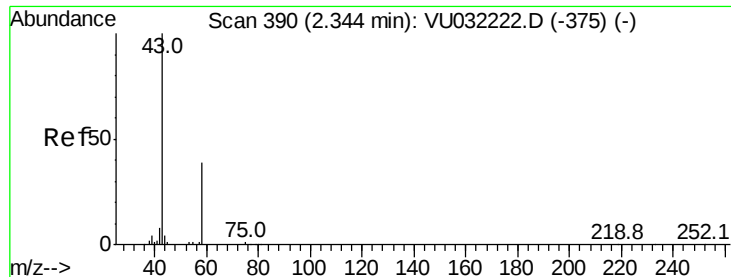
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.332 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU032244.D

Acq: 23 May 2019 00:10

Instrument :

MSVOA\_U

ClientSampled :

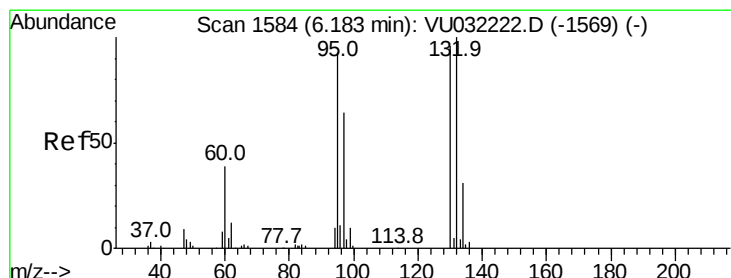
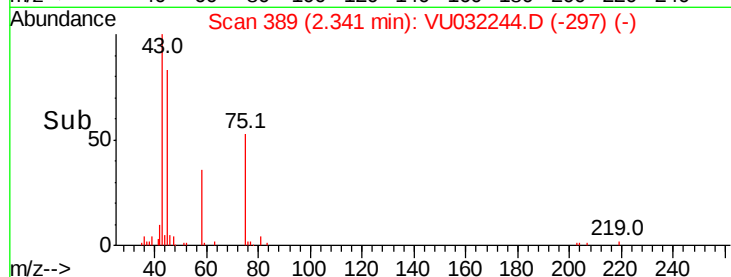
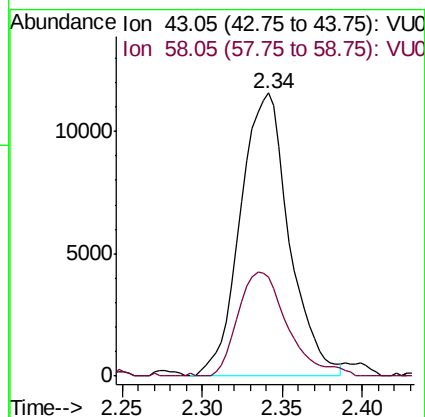
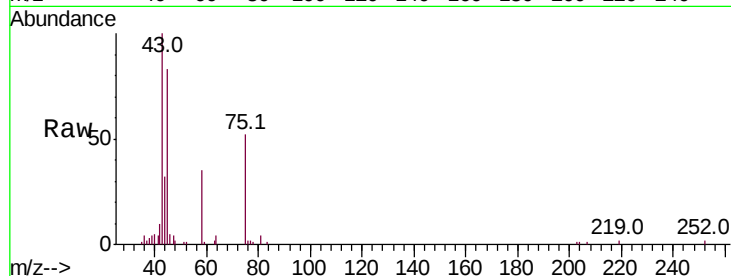
C0BP6

Tot Ion: 43 Resp: 24162

Ion Ratio Lower Upper

43 100

58 37.3 0.0 72.6



#34

Trichloroethene

Concen: 0.439 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032244.D

Acq: 23 May 2019 00:10

Tgt Ion: 95 Resp: 6184

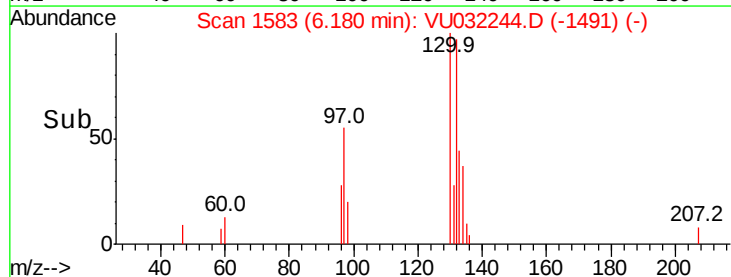
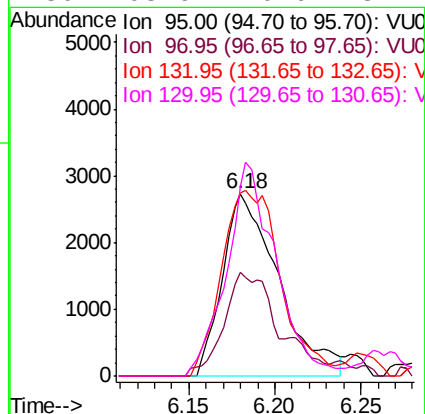
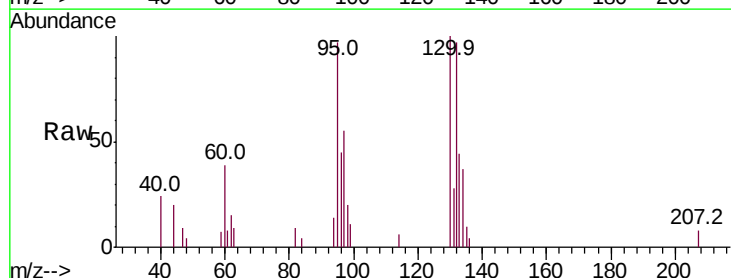
Ion Ratio Lower Upper

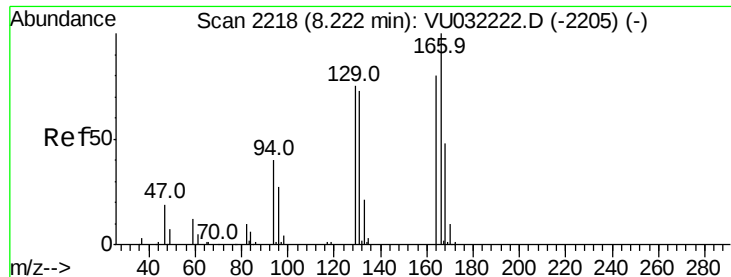
95 100

97 57.1 39.9 74.1

132 100.4 65.9 122.5

130 103.6 70.6 131.2





#47

Tetrachloroethene

Concen: 671.732 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032244.D

Acq: 23 May 2019 00:10

Instrument :

MSVOA\_U

ClientSampleId :

C0BP6

Tot Ion:164 Resp: 7818093

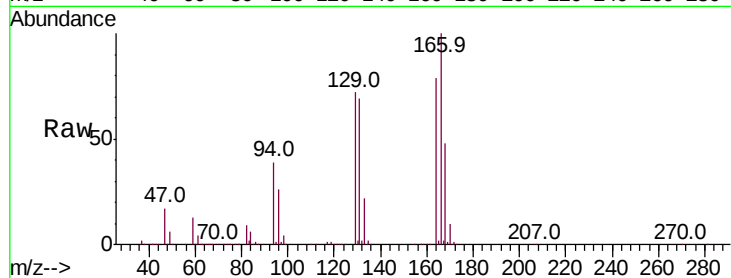
Ion Ratio Lower Upper

164 100

129 90.9 67.1 124.7

131 87.6 62.2 115.4

166 126.9 90.9 168.9



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

