

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\  
 Data File : VW017195.D  
 Acq On : 12 Nov 2020 19:16  
 Operator : SY/VA  
 Sample : VIBLK07  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK07

Quant Time: Nov 13 06:25:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 13 04:11:30 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 425476   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 389629   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 192849   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 104699   | 19.54    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 78.16%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 91066    | 22.05    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 88.20%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 157289   | 16.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.64%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 55069    | 45.95    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 91.90%  |
| 24) Chloroform-d               | 7.65   | 84    | 247954   | 24.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 99.84%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 127678   | 25.86    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 103.44% |
| 29) Benzene-d6                 | 8.27   | 84    | 465430   | 23.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 93.84%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 129649   | 23.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 94.48%  |
| 37) Toluene-d8                 | 10.33  | 98    | 443531   | 23.71    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 94.84%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 56834    | 22.97    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 91.88%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 43911    | 45.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 91.70%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 112219   | 23.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 93.88%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 179647   | 26.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 105.76% |

## Target Compounds

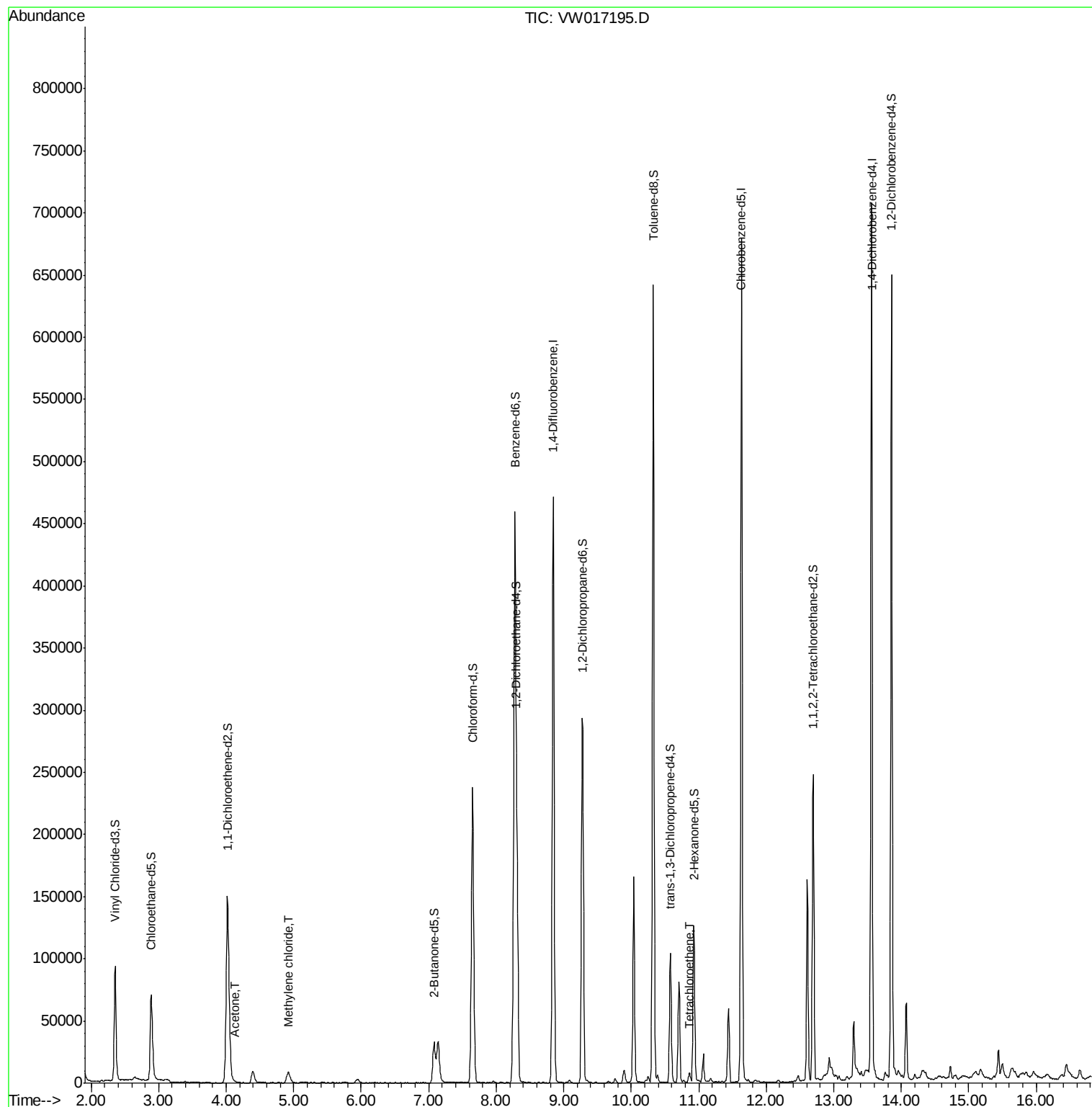
|                        |       |     |      |            | Ovalue |
|------------------------|-------|-----|------|------------|--------|
| 13) Acetone            | 4.14  | 43  | 924  | 1.151 ug/L | 78     |
| 16) Methylene chloride | 4.92  | 84  | 8064 | 1.406 ug/L | 96     |
| 47) Tetrachloroethene  | 10.87 | 164 | 1666 | 0.322 ug/L | 79     |

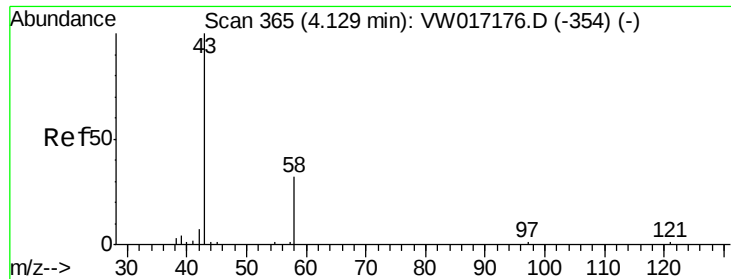
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.151 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017195.D

Acq: 12 Nov 2020 19:16

Instrument :

MSVOA\_W

ClientSampled :

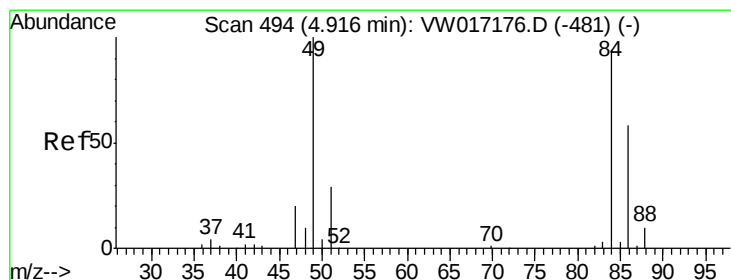
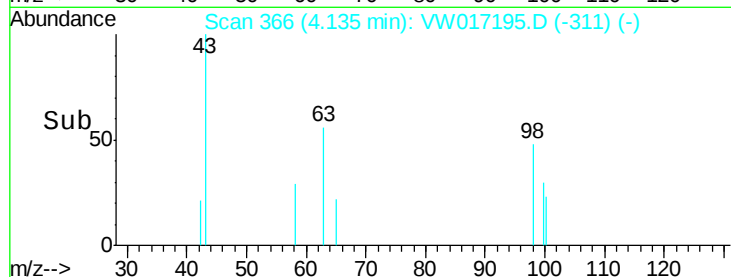
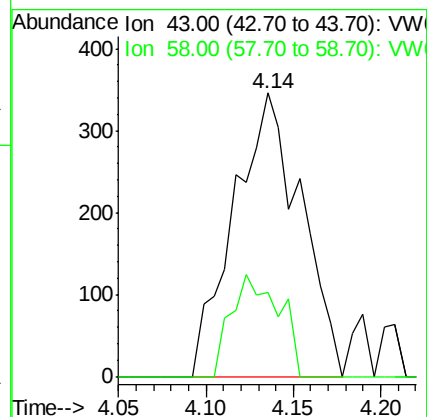
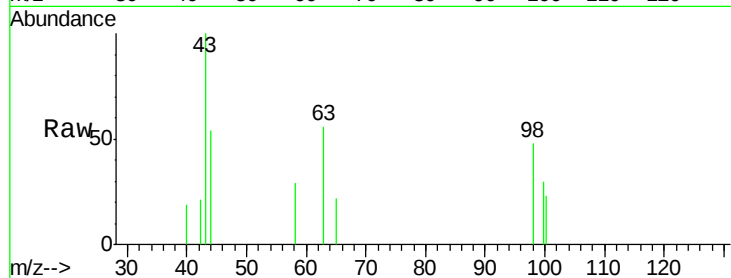
VIBLK07

Tot Ion: 43 Resp: 924

Ion Ratio Lower Upper

43 100

58 21.9 0.0 69.2



#16

Methylene chloride

Concen: 1.406 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW017195.D

Acq: 12 Nov 2020 19:16

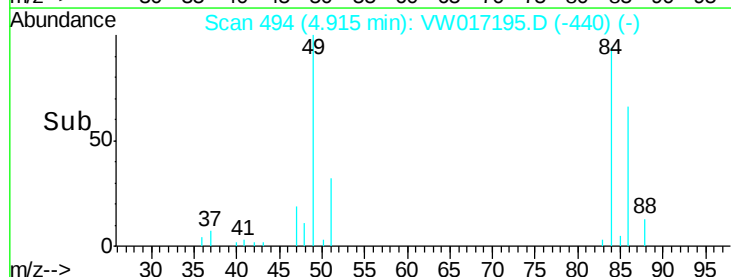
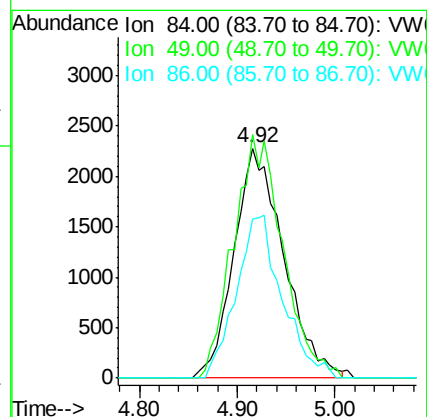
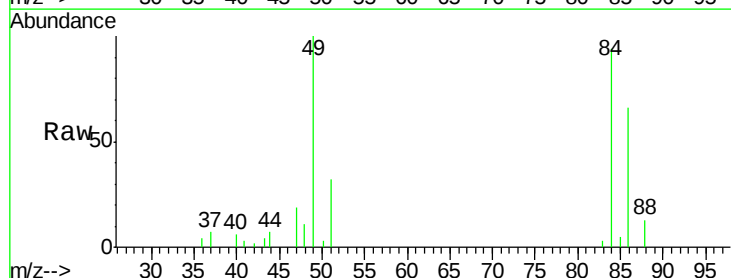
Tgt Ion: 84 Resp: 8064

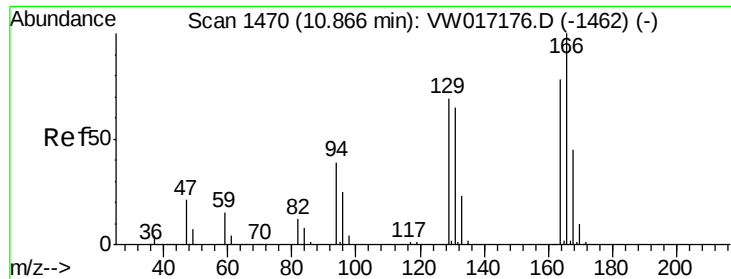
Ion Ratio Lower Upper

84 100

49 105.9 72.3 134.3

86 69.5 45.1 83.7





#47

Tetrachloroethene

Concen: 0.322 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017195.D

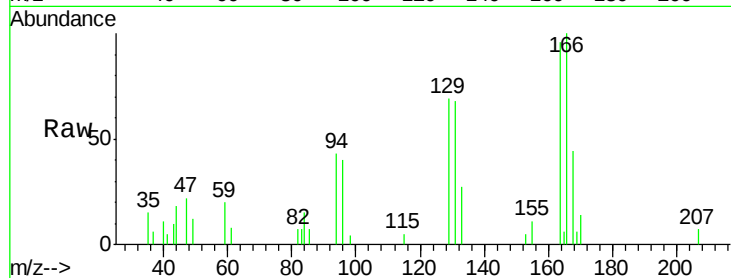
Acq: 12 Nov 2020 19:16

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Tot Ion:164 Resp: 1666

Ion Ratio Lower Upper

164 100

129 71.9 62.9 116.7

131 71.4 63.3 117.5

166 104.3 92.0 170.8

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

