

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\  
 Data File : VW017295.D  
 Acq On : 17 Nov 2020 18:41  
 Operator : SY/VA  
 Sample : VIBLK  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK10

Quant Time: Nov 18 02:18:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 18 02:13:37 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 445009   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 398218   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 193043   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 74993    | 13.38    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 53.52%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 69269    | 16.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 64.16%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 109809   | 10.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 43.80%# |
| 20) 2-Butanone-d5              | 7.08   | 46    | 40528    | 32.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 64.66%  |
| 24) Chloroform-d               | 7.65   | 84    | 184157   | 17.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 70.92%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 92737    | 17.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 71.84%  |
| 29) Benzene-d6                 | 8.27   | 84    | 352536   | 17.38    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 69.52%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 100526   | 17.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 71.68%  |
| 37) Toluene-d8                 | 10.33  | 98    | 323825   | 16.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 67.76%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 38577    | 15.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 61.00%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 31183    | 31.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 63.72%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 85893    | 17.58    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 70.32%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 126781   | 18.64    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 74.56%# |

## Target Compounds

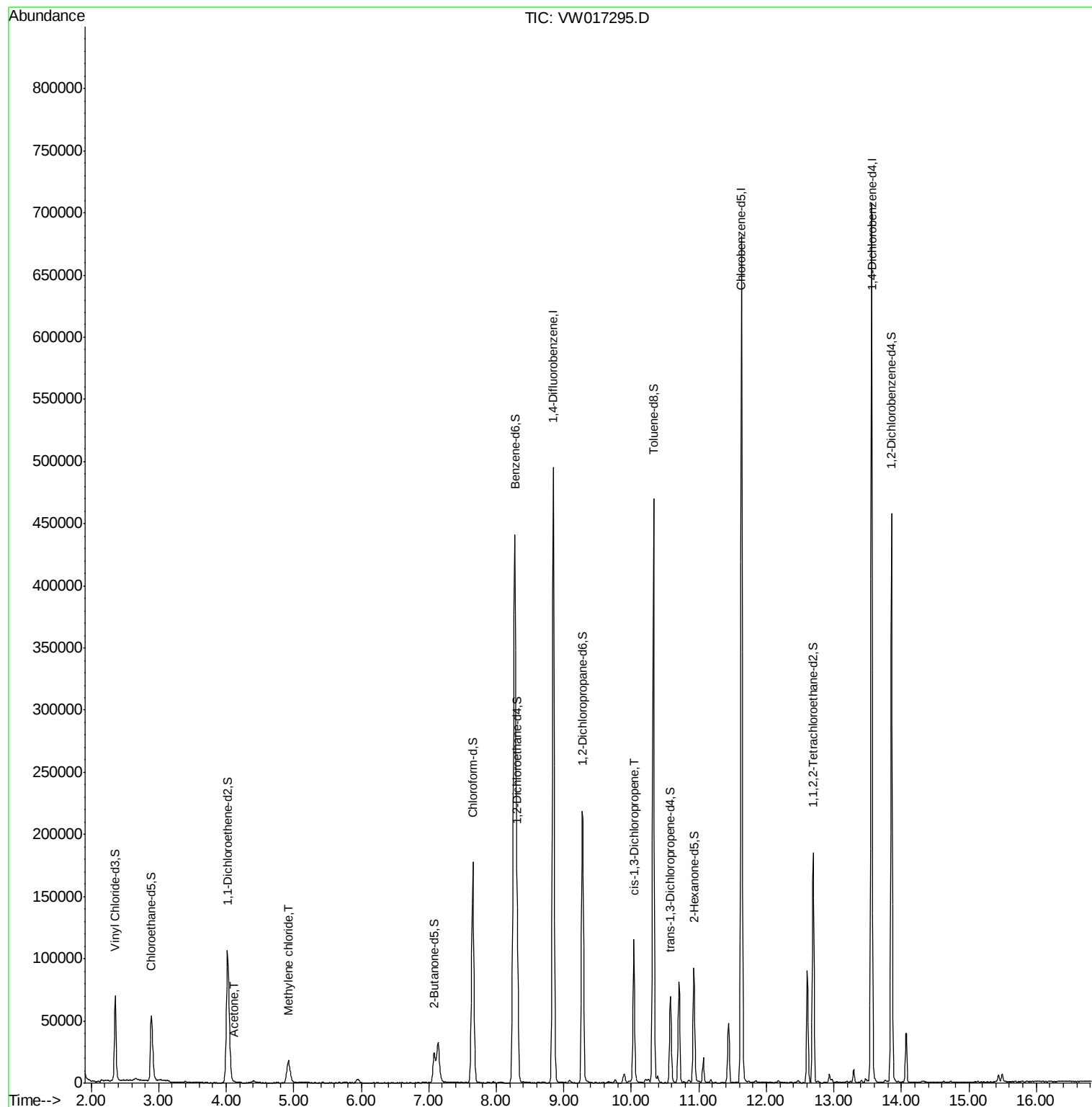
|                             |       |    |       |              | Ovalue |
|-----------------------------|-------|----|-------|--------------|--------|
| 13) Acetone                 | 4.12  | 43 | 262   | 0.312 ug/L   | 84     |
| 16) Methylene chloride      | 4.92  | 84 | 16059 | 2.677 ug/L   | 95     |
| 42) cis-1,3-Dichloropropene | 10.04 | 75 | 3104  | 0.401 ug/L # | 76     |

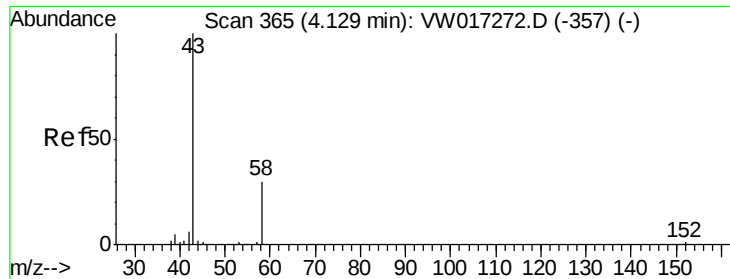
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA W/SOIL  
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Quant Title : VOC Analysis  
QLast Update : Wed Nov 18 02:13:37 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 0.312 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017295.D

Acq: 17 Nov 2020 18:41

Instrument :

MSVOA\_W

ClientSampleId :

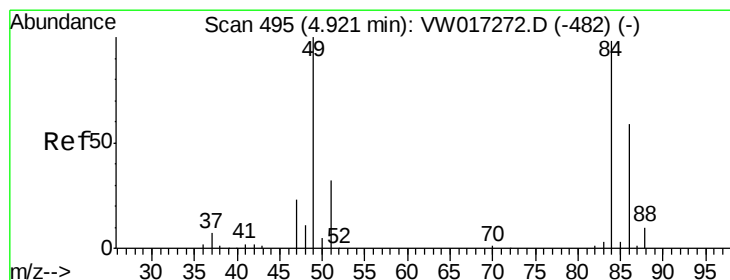
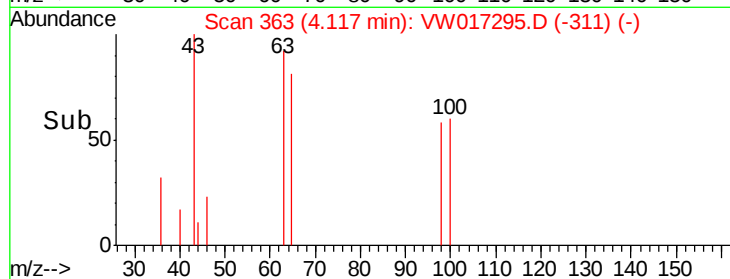
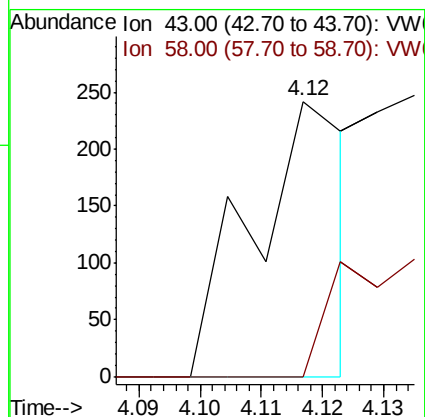
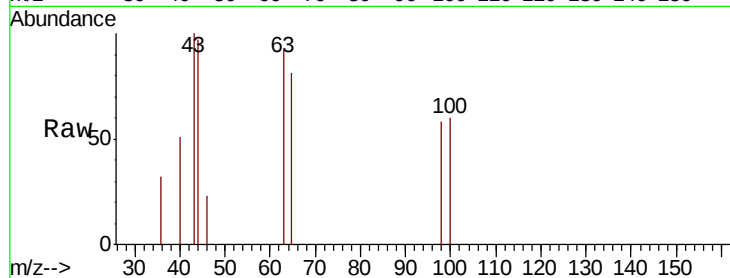
VIBLK10

Tot Ion: 43 Resp: 262

Ion Ratio Lower Upper

43 100

58 25.2 0.0 69.2



#16

Methylene chloride

Concen: 2.677 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017295.D

Acq: 17 Nov 2020 18:41

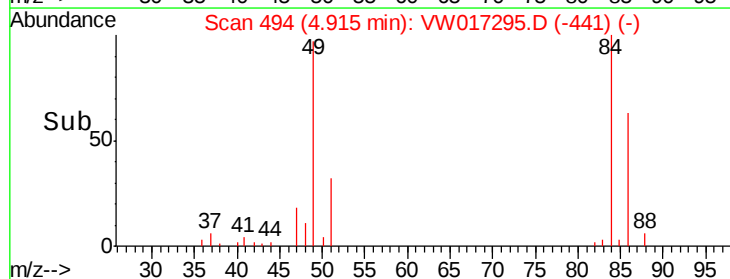
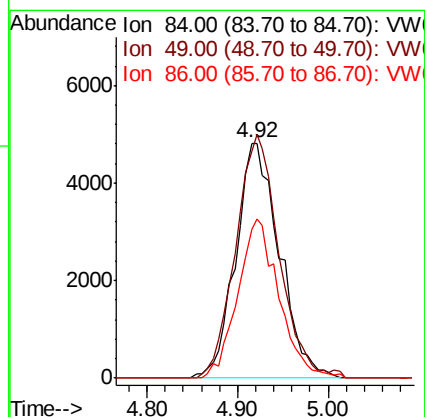
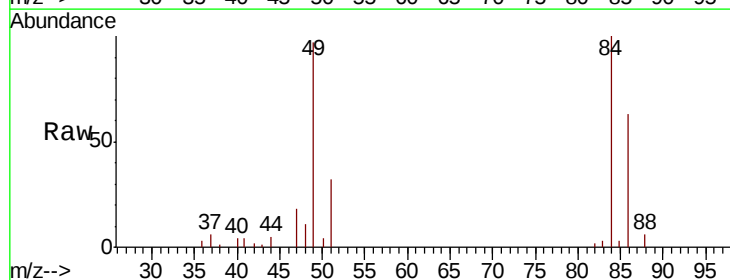
Tgt Ion: 84 Resp: 16059

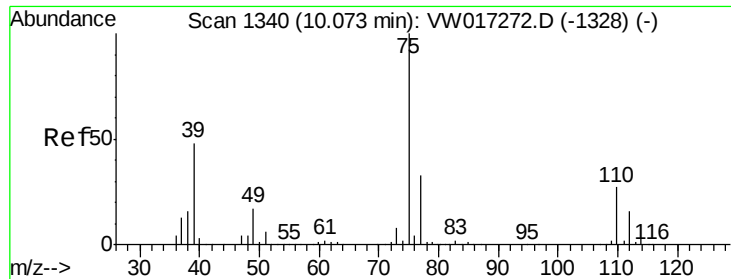
Ion Ratio Lower Upper

84 100

49 96.7 72.3 134.3

86 63.3 45.1 83.7





#42  
 cis-1,3-Dichloropropene  
 Concen: 0.401 ug/L  
 RT: 10.04 min Scan# 1334  
 Delta R.T. -0.04 min  
 Lab File: VW017295.D  
 Acq: 17 Nov 2020 18:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK10

Tot Ion: 75 Resp: 3104  
 Ion Ratio Lower Upper  
 75 100  
 77 44.6 22.0 41.0#

