

Data File : VW017382.D  
Acq On : 19 Nov 2020 20:04  
Operator : SY/VA  
Sample : VW1119SBL02  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK07

Quant Time: Nov 20 04:38:20 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 20 04:37:10 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 368039   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 330219   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 158187   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 107916   | 19.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 79.24%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 92005    | 21.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.04%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 148711   | 15.60    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 62.40%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 42710    | 47.73    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 95.46%  |
| 24) Chloroform-d               | 7.65   | 84    | 222031   | 22.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.84%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 113323   | 24.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 97.04%  |
| 29) Benzene-d6                 | 8.27   | 84    | 439863   | 23.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 94.52%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 118710   | 23.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 95.76%  |
| 37) Toluene-d8                 | 10.33  | 98    | 409778   | 23.38    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.52%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 50181    | 23.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 92.96%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 32347    | 48.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.28%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 94461    | 25.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 100.56% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 141866   | 24.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.16%  |

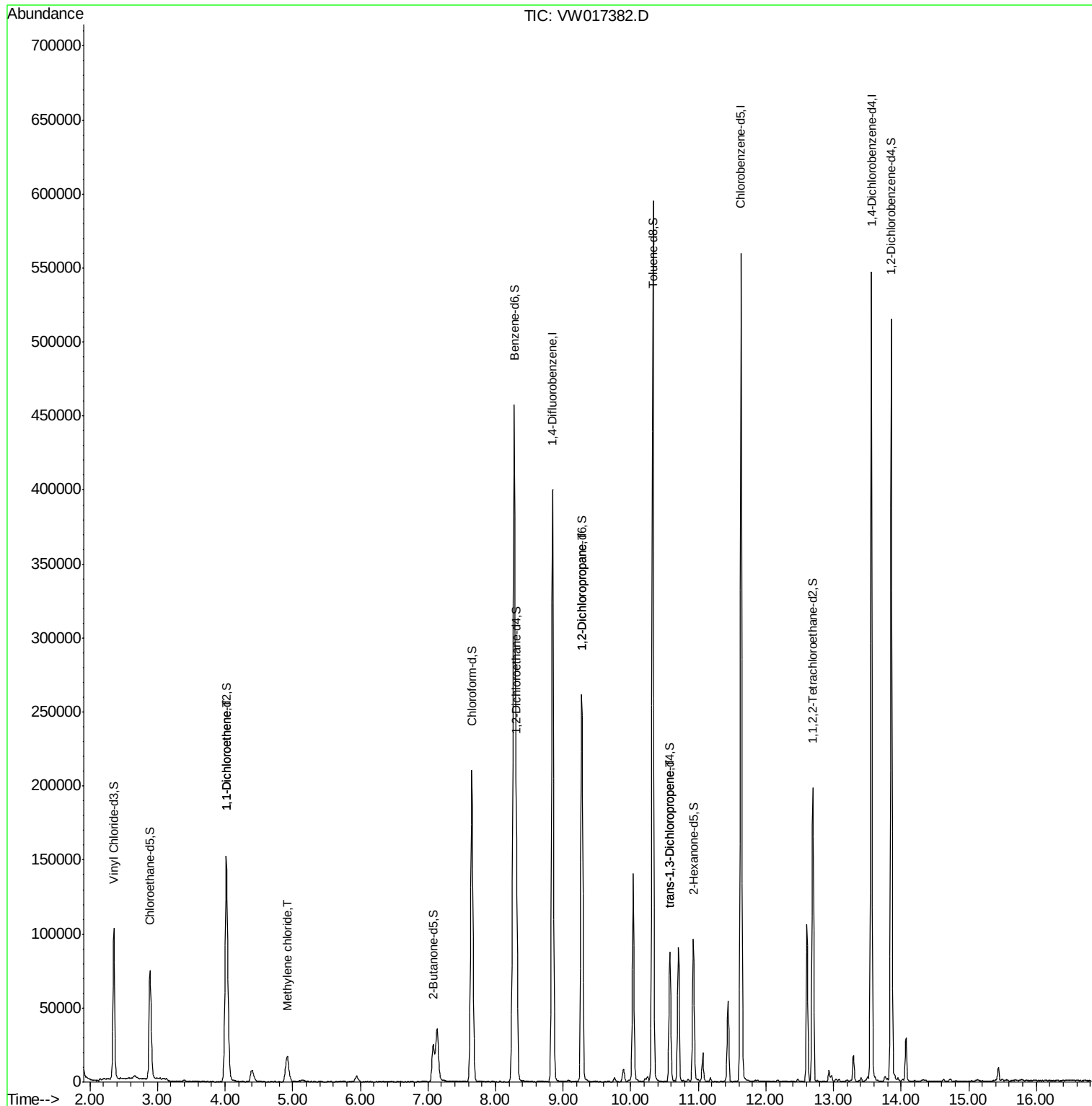
| Target Compounds              |       |    |       |              | Qvalue |
|-------------------------------|-------|----|-------|--------------|--------|
| 12) 1,1-Dichloroethene        | 4.02  | 96 | 1383  | 0.286 ug/L # | 1      |
| 16) Methylene chloride        | 4.92  | 84 | 15452 | 2.455 ug/L   | 96     |
| 40) 1,2-Dichloropropane       | 9.27  | 63 | 13998 | 3.317 ug/L # | 85     |
| 45) trans-1,3-Dichloropropene | 10.58 | 75 | 2564  | 0.462 ug/L   | 90     |

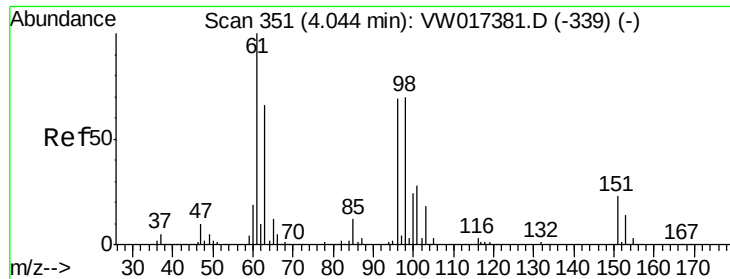
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017382.D  
Acq On : 19 Nov 2020 20:04  
Operator : SY/VA  
Sample : VW1119SBL02  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK07

Quant Time: Nov 20 04:38:20 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 20 04:37:10 2020  
Response via : Initial Calibration

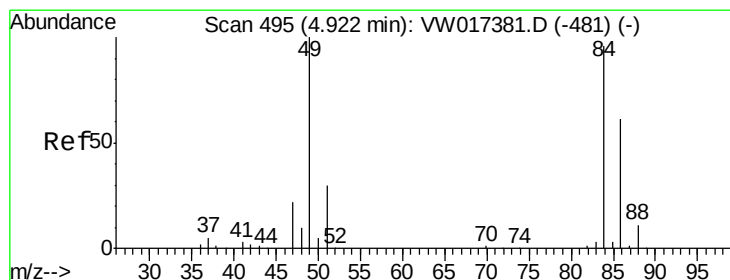
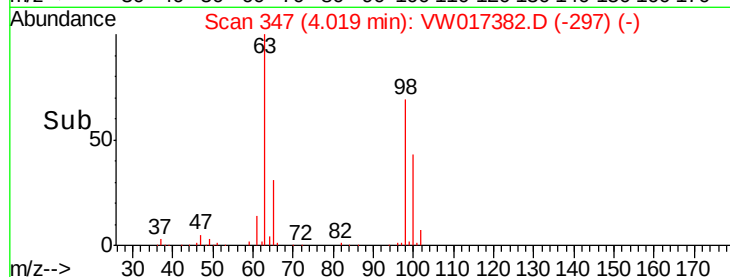
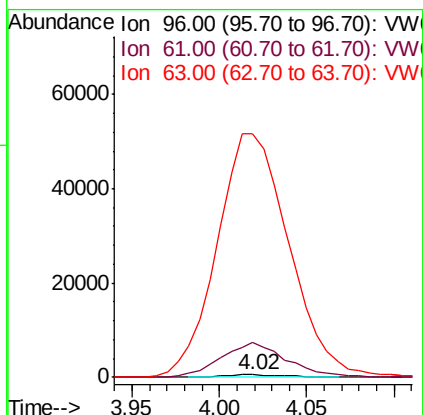
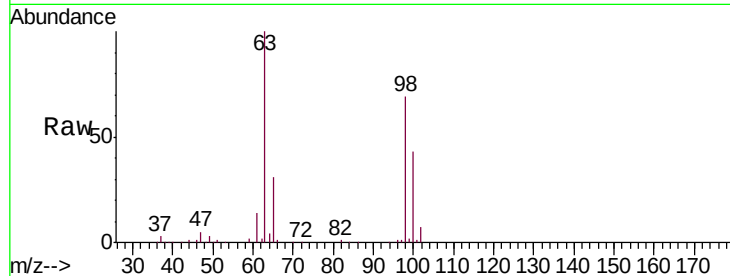




#12  
 1,1-Dichloroethene  
 Concen: 0.286 ug/L  
 RT: 4.02 min Scan# 347  
 Delta R.T. -0.02 min  
 Lab File: VW017382.D  
 Acq: 19 Nov 2020 20:04

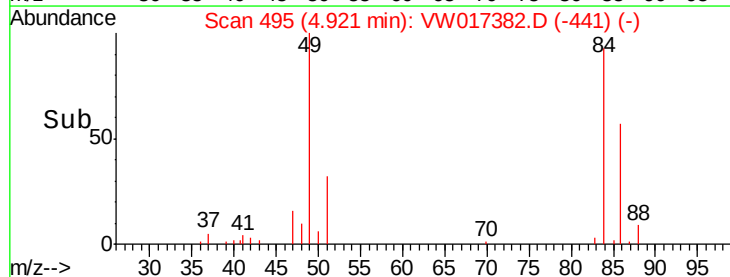
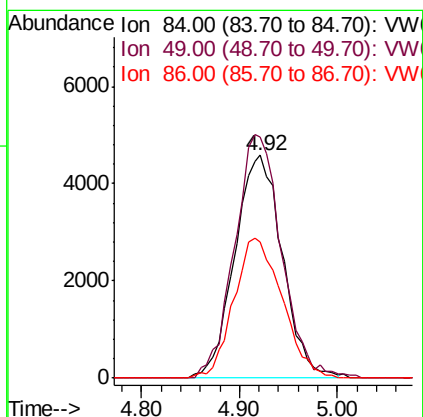
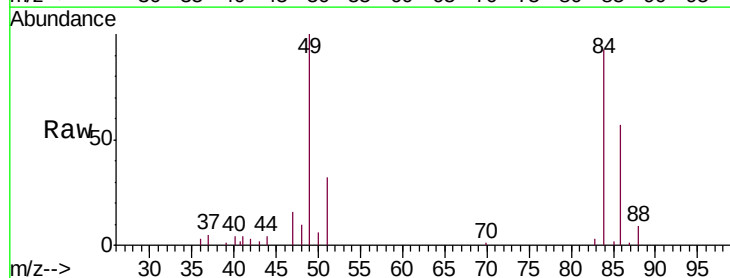
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK07

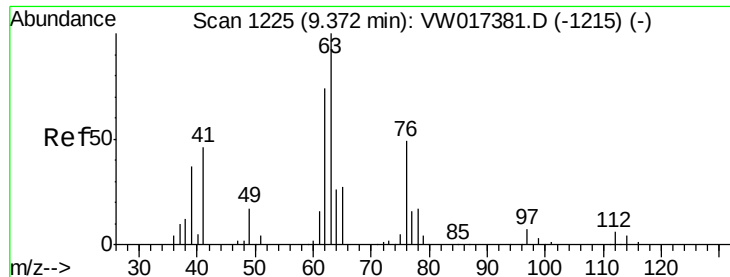
Tgt Ion: 96 Resp: 1383  
 Ion Ratio Lower Upper  
 96 100  
 61 1394.0 104.7 194.4#  
 63 9614.9 69.6 129.2#



#16  
 Methylene chloride  
 Concen: 2.455 ug/L  
 RT: 4.92 min Scan# 495  
 Delta R.T. -0.00 min  
 Lab File: VW017382.D  
 Acq: 19 Nov 2020 20:04

Tgt Ion: 84 Resp: 15452  
 Ion Ratio Lower Upper  
 84 100  
 49 108.0 71.5 132.9  
 86 61.0 42.8 79.4





#40

1,2-Dichloropropane

Concen: 3.317 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017382.D

Acq: 19 Nov 2020 20:04

Instrument :

MSVOA\_W

ClientSampled :

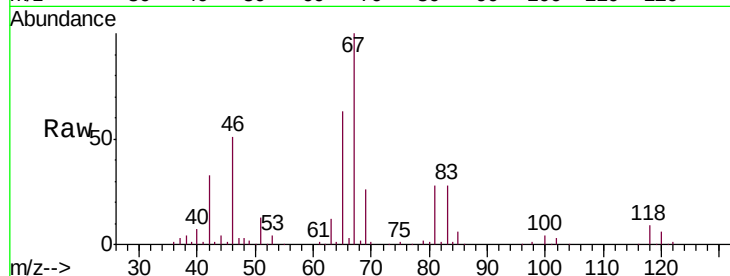
VBLK07

Tgt Ion: 63 Resp: 13998

Ion Ratio Lower Upper

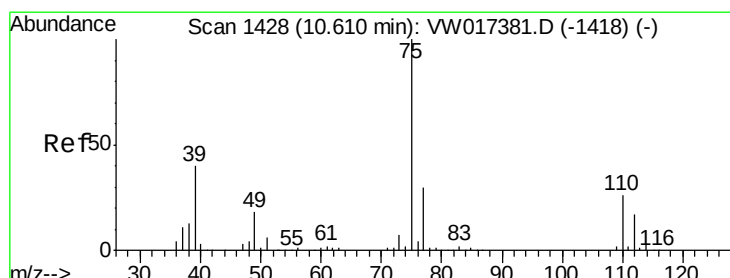
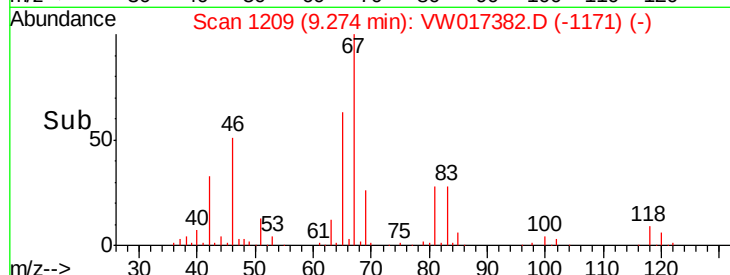
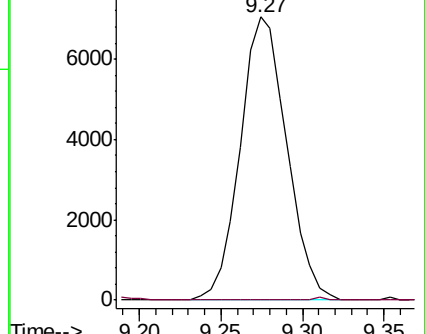
63 100

112 0.5 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.462 ug/L

RT: 10.58 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017382.D

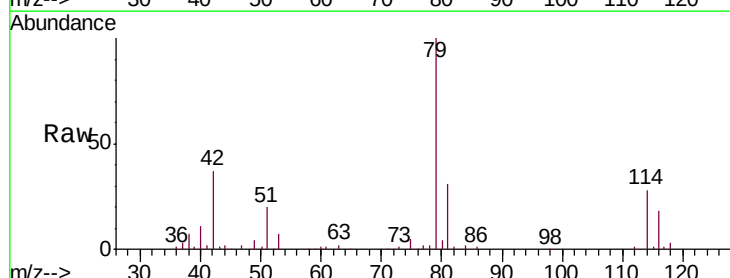
Acq: 19 Nov 2020 20:04

Tgt Ion: 75 Resp: 2564

Ion Ratio Lower Upper

75 100

77 37.1 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

