

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\  
 Data File : VW015849.D  
 Acq On : 13 Jul 2020 17:44  
 Operator : SY/VA  
 Sample : VIBLK  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK11

Quant Time: Jul 14 03:44:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM071320S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 14 03:37:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 301995   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 289219   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 122231   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 135122   | 25.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 103.48% |
| 7) Chloroethane-d5             | 2.90   | 69    | 116029   | 21.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.76%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 133946   | 18.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 75.08%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 36662    | 45.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.98%  |
| 24) Chloroform-d               | 7.65   | 84    | 181344   | 22.05    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 88.20%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 102953   | 23.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 93.16%  |
| 29) Benzene-d6                 | 8.27   | 84    | 379271   | 23.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 94.48%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 104717   | 22.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 91.68%  |
| 37) Toluene-d8                 | 10.33  | 98    | 359704   | 23.37    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.48%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 41779    | 21.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.72%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 29568    | 45.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.38%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 80217    | 21.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 86.64%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 112284   | 24.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.80%  |

## Target Compounds

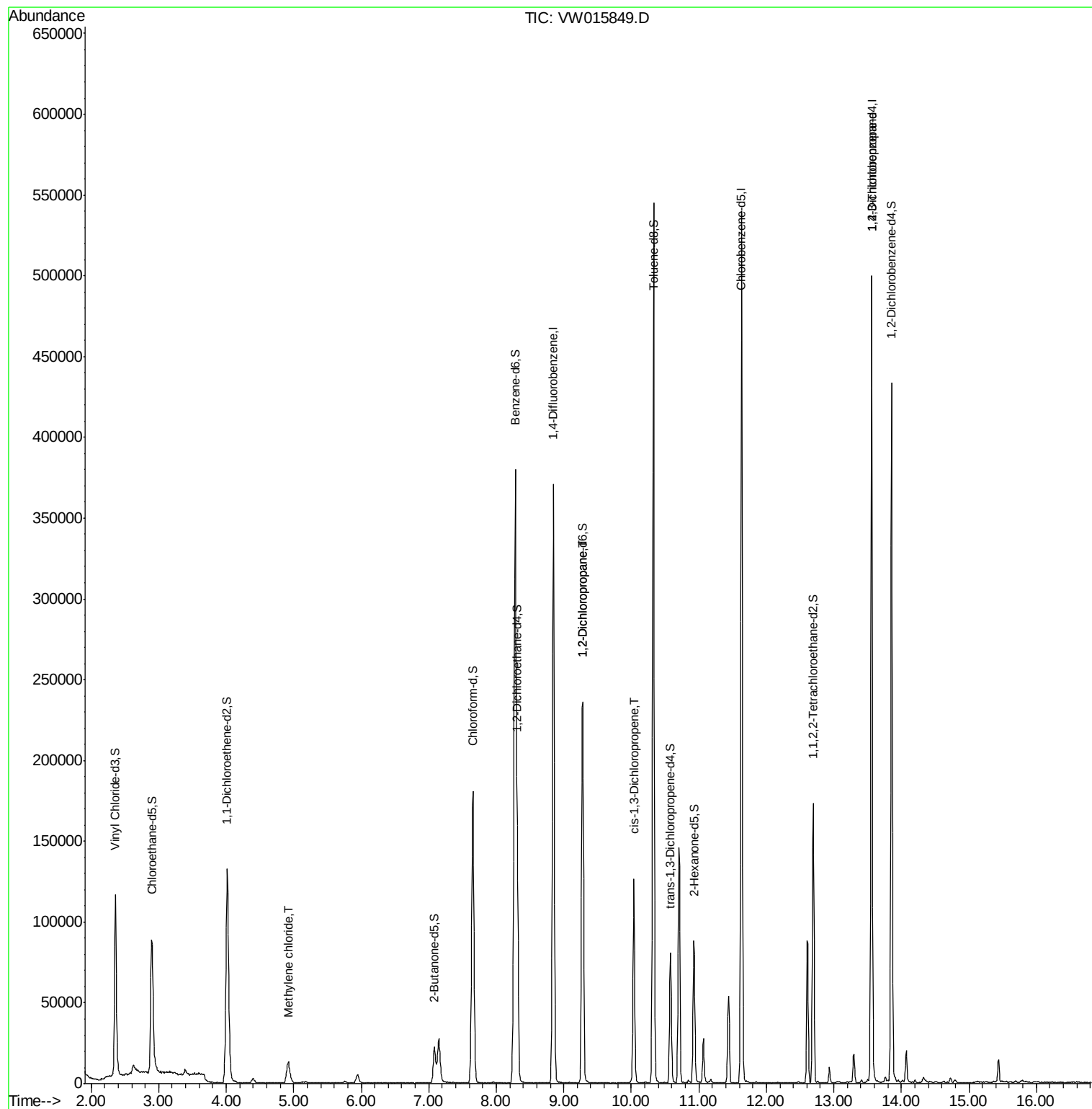
|                             |       |    |       |              | Ovalue |
|-----------------------------|-------|----|-------|--------------|--------|
| 16) Methylene chloride      | 4.92  | 84 | 9799  | 2.448 ug/L   | 88     |
| 40) 1,2-Dichloropropane     | 9.28  | 63 | 12352 | 3.227 ug/L # | 86     |
| 42) cis-1,3-Dichloropropene | 10.04 | 75 | 3782  | 0.658 ug/L # | 68     |
| 59) 1,2,3-Trichloropropane  | 13.56 | 75 | 15982 | 6.442 ug/L   | 91     |

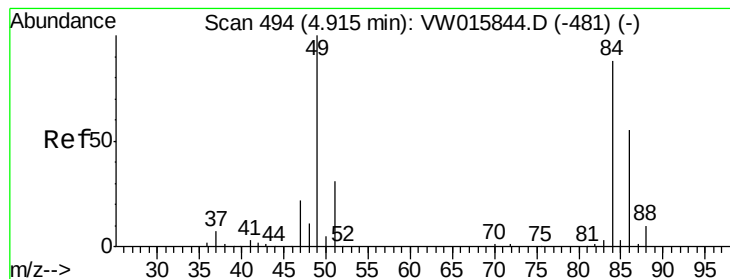
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071320\  
Data File : VW015849.D  
Acq On : 13 Jul 2020 17:44  
Operator : SY/VA  
Sample : VIBLK  
Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK11

Quant Time: Jul 14 03:44:31 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM071320S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jul 14 03:37:11 2020  
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.448 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015849.D

Acq: 13 Jul 2020 17:44

Instrument :

MSVOA\_W

ClientSampled :

VIBLK11

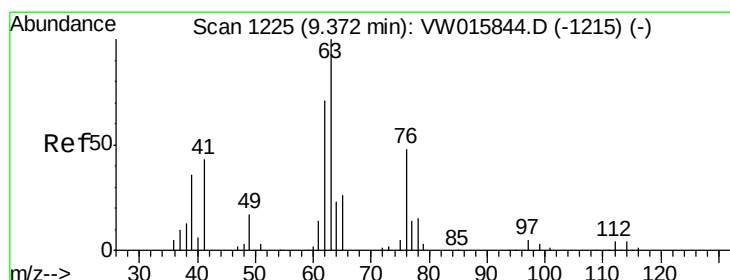
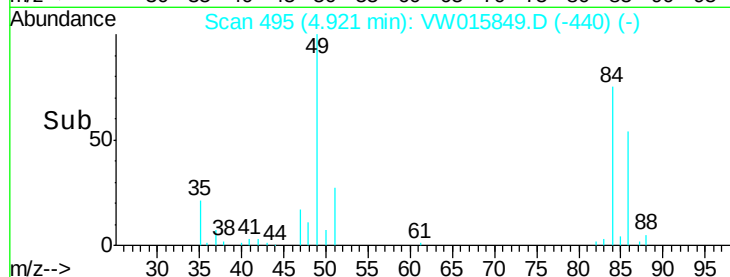
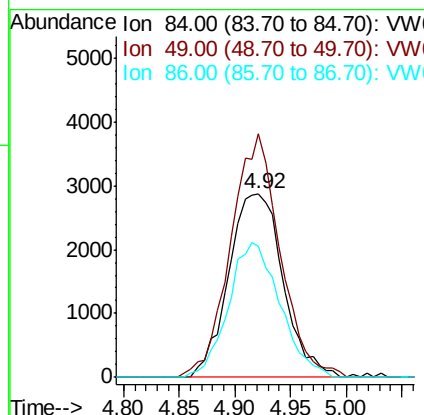
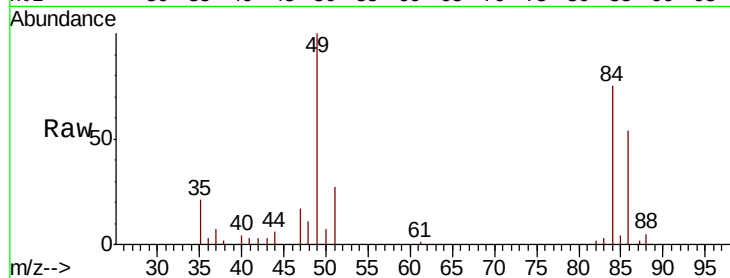
Tot Ion: 84 Resp: 9799

Ion Ratio Lower Upper

84 100

49 132.7 82.5 153.1

86 71.5 45.4 84.2



#40

1,2-Dichloropropane

Concen: 3.227 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015849.D

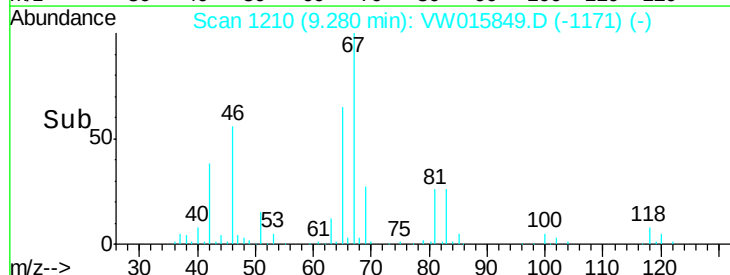
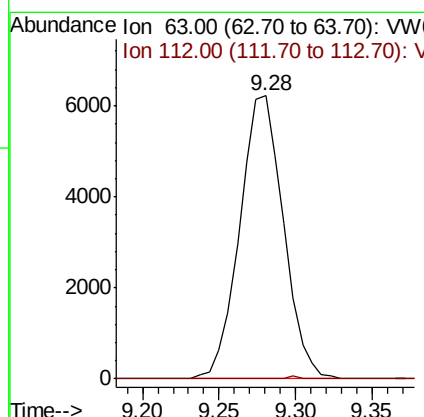
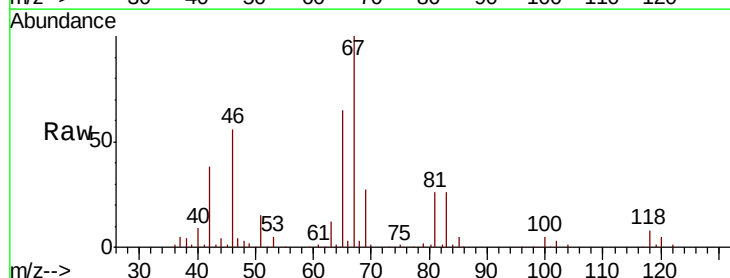
Acq: 13 Jul 2020 17:44

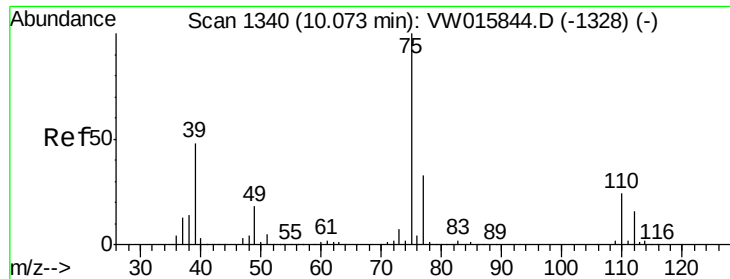
Tgt Ion: 63 Resp: 12352

Ion Ratio Lower Upper

63 100

112 0.4 3.9 5.9#





#42

cis-1,3-Dichloropropene

Concen: 0.658 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015849.D

Acq: 13 Jul 2020 17:44

Instrument :

MSVOA\_W

ClientSampleId :

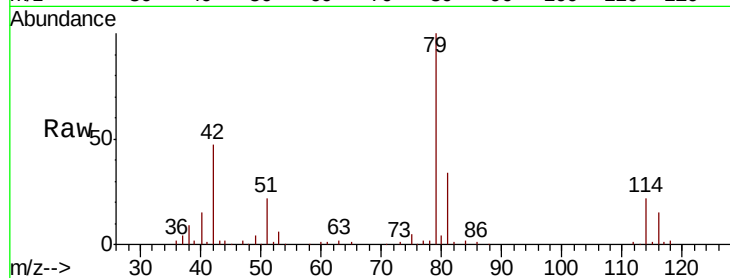
VIBLK11

Tot Ion: 75 Resp: 3782

Ion Ratio Lower Upper

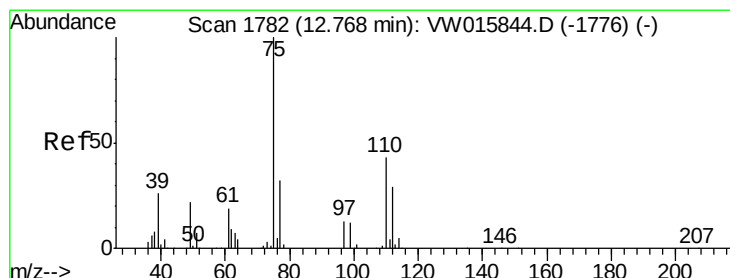
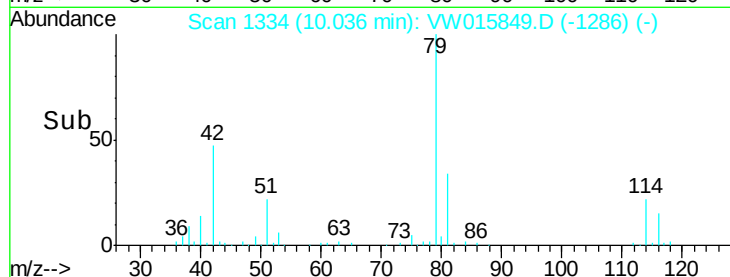
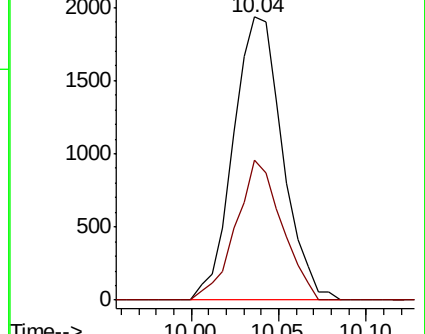
75 100

77 49.5 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 6.442 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015849.D

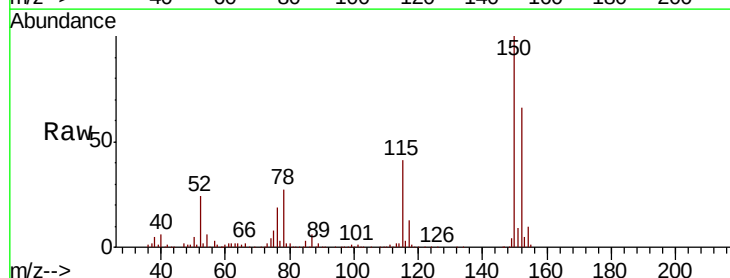
Acq: 13 Jul 2020 17:44

Tgt Ion: 75 Resp: 15982

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

