

Data File : VW015572.D  
Acq On : 09 Jun 2020 15:10  
Operator : SY/VA  
Sample : VIBLK  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK

Quant Time: Jun 10 03:30:14 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jun 09 12:46:40 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 324108   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 292844   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 135726   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 75114    | 25.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 101.16% |
| 7) Chloroethane-d5             | 2.90   | 69    | 78719    | 26.65    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 106.60% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 122608   | 16.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 67.76%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 46120    | 47.56    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 95.12%  |
| 24) Chloroform-d               | 7.65   | 84    | 183764   | 24.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 98.08%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 107214   | 25.71    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 102.84% |
| 29) Benzene-d6                 | 8.28   | 84    | 363905   | 25.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 101.36% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 110471   | 25.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 101.24% |
| 37) Toluene-d8                 | 10.32  | 98    | 344069   | 24.64    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 98.56%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 43355    | 21.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 85.88%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 36844    | 48.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.52%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 80680    | 24.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 98.20%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 113898   | 25.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 100.16% |

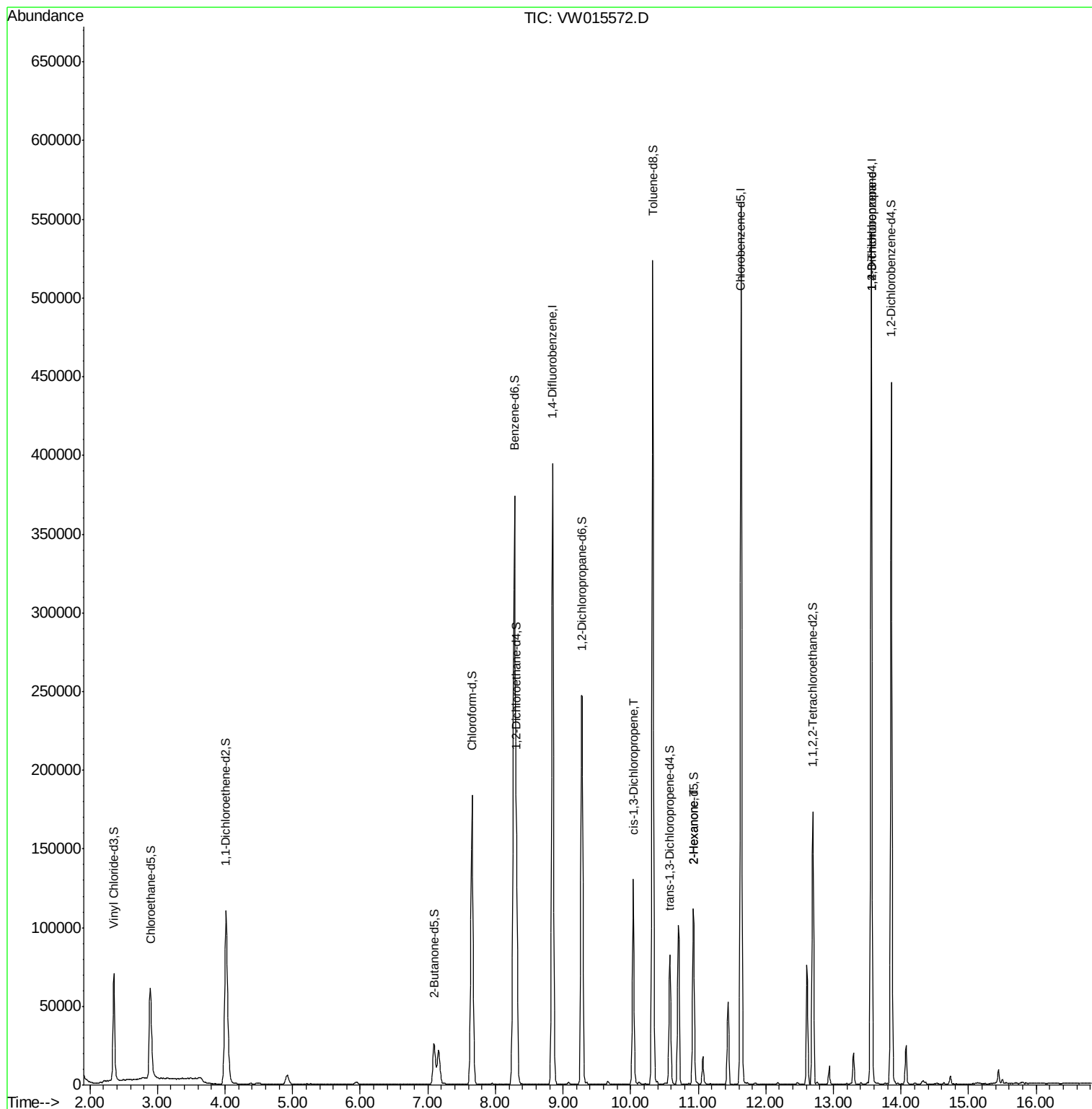
| Target Compounds            |       |    |       |       |        | Qvalue |
|-----------------------------|-------|----|-------|-------|--------|--------|
| 42) cis-1,3-Dichloropropene | 10.04 | 75 | 3620  | 0.561 | ug/L   | 85     |
| 49) 2-Hexanone              | 10.93 | 43 | 4879  | 3.058 | ug/L # | 66     |
| 59) 1,2,3-Trichloropropane  | 13.56 | 75 | 17170 | 6.932 | ug/L   | 89     |

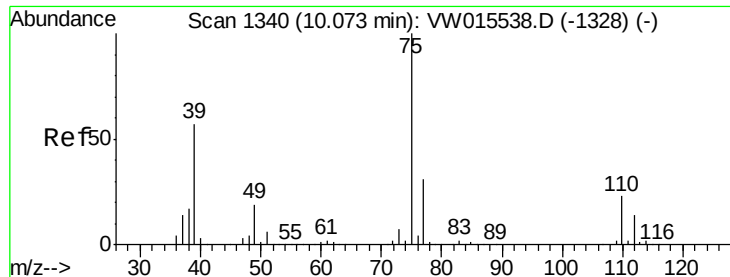
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

cis-1,3-Dichloropropene

Concen: 0.561 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015572.D

Acq: 09 Jun 2020 15:10

Instrument :

MSVOA\_W

ClientSampled :

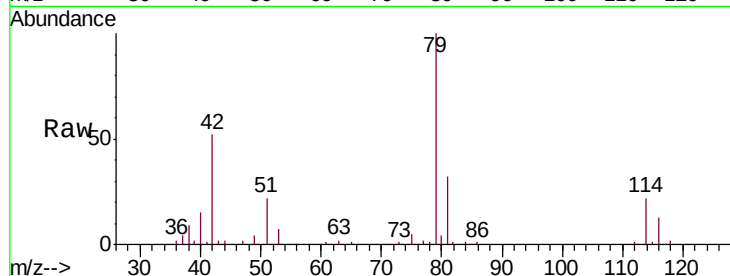
VIBLK

Tgt Ion: 75 Resp: 3620

Ion Ratio Lower Upper

75 100

77 40.2 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

2500

2000

1500

1000

500

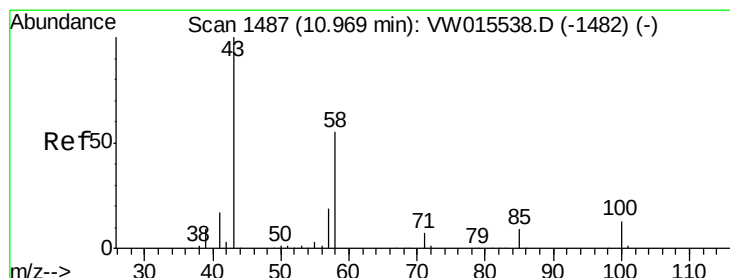
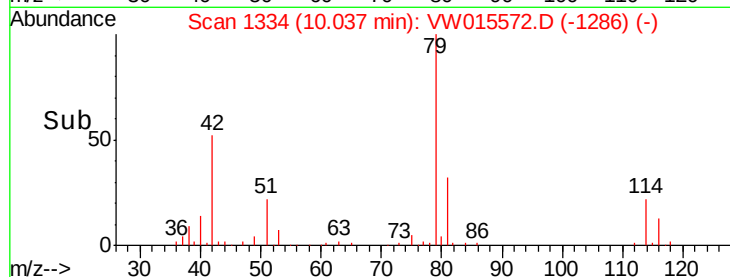
0

10.04

10.05

10.10

Time-->



#49

2-Hexanone

Concen: 3.058 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Acq: 09 Jun 2020 15:10

Tgt Ion: 43 Resp: 4879

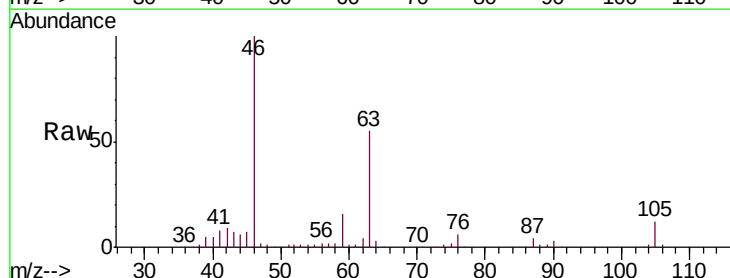
Ion Ratio Lower Upper

43 100

58 23.5 42.6 64.0#

57 25.1 15.5 23.3#

100 0.0 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

4000

3000

2000

1000

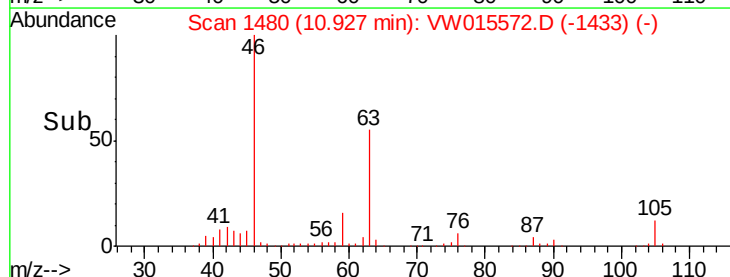
0

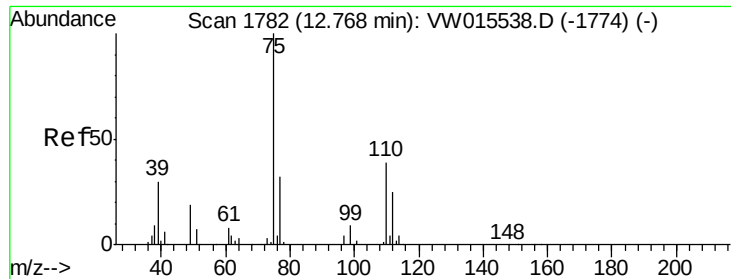
10.93

10.95

11.00

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.932 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 17170

Ion Ratio Lower Upper

75 100

77 38.4 25.9 38.9

