

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\  
 Data File : VW015481.D  
 Acq On : 26 May 2020 19:12  
 Operator : SY/VA  
 Sample : L2753-10  
 Misc : 6.56G/10.0mL/MSVOA W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 27 01:08:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 27 01:05:50 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 341737   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 311003   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 138224   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 87812    | 28.04    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 112.16%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 89821    | 28.84    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 115.36%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 143759   | 18.84    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 75.36%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 80180    | 78.42    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 156.84%# |
| 24) Chloroform-d               | 7.65   | 84    | 203761   | 25.78    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 103.12%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 132615   | 30.16    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 120.64%  |
| 29) Benzene-d6                 | 8.27   | 84    | 406222   | 26.63    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 106.52%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 126792   | 27.35    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 109.40%  |
| 37) Toluene-d8                 | 10.32  | 98    | 378431   | 25.52    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 102.08%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 60677    | 28.30    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 113.20%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 69274    | 86.33    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 172.66%# |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 118915   | 34.07    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 136.28%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 124994   | 26.98    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 107.92%  |

## Target Compounds

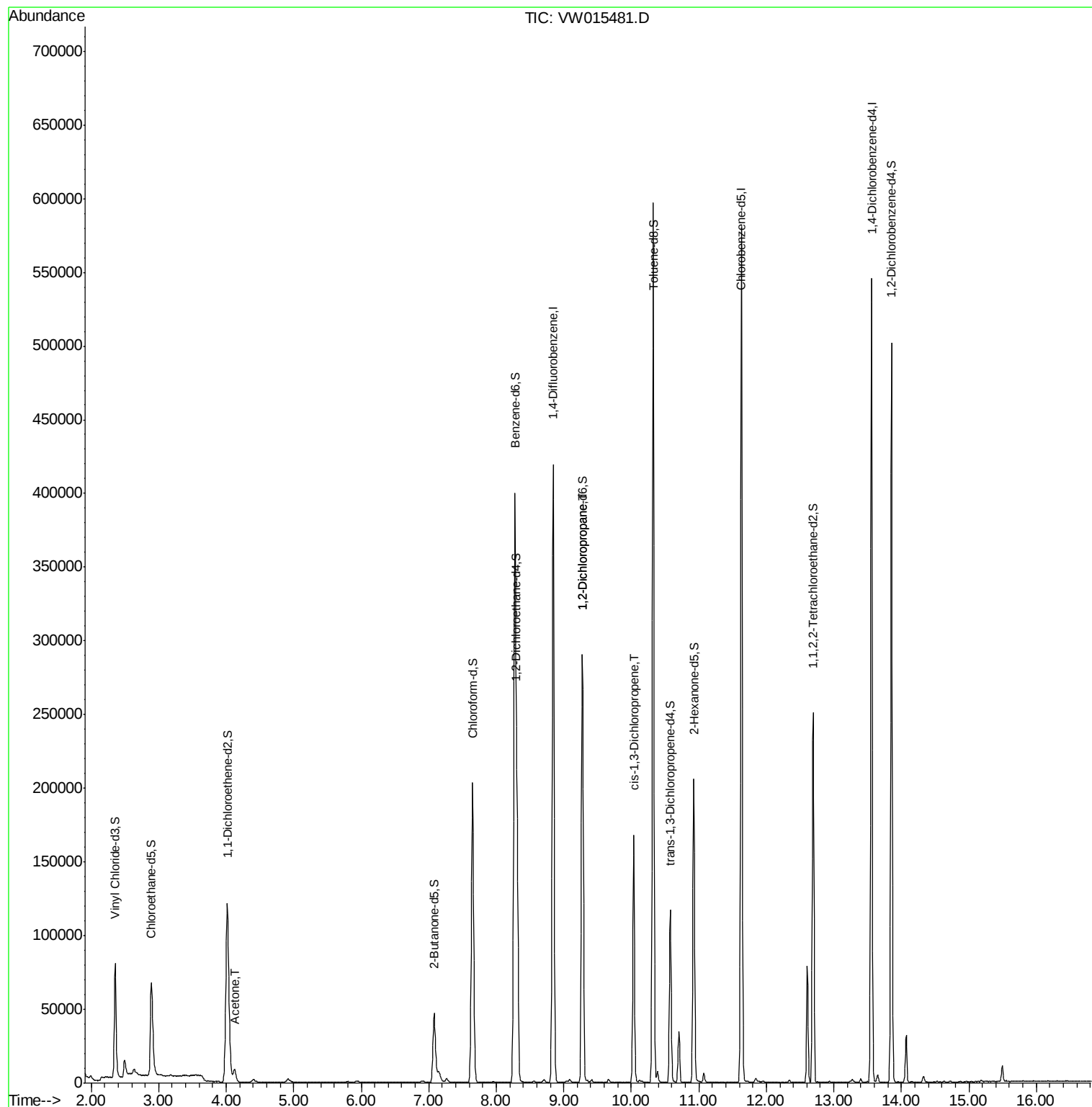
|                             |       |    |       |              | Ovalue |
|-----------------------------|-------|----|-------|--------------|--------|
| 13) Acetone                 | 4.12  | 43 | 15107 | 19.112 ug/L  | 100    |
| 40) 1,2-Dichloropropane     | 9.27  | 63 | 15451 | 3.608 ug/L # | 85     |
| 42) cis-1,3-Dichloropropene | 10.04 | 75 | 4289  | 0.626 ug/L   | 84     |

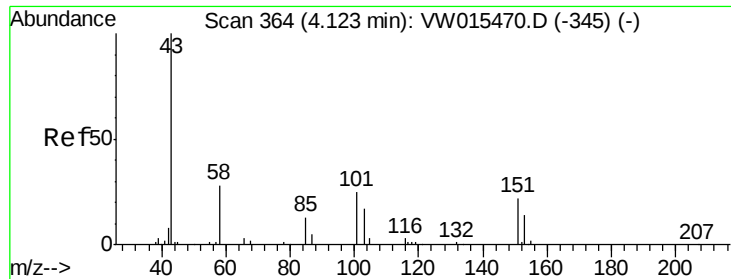
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Wed May 27 01:05:50 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 19.112 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015481.D

Acq: 26 May 2020 19:12

Instrument :

MSVOA\_W

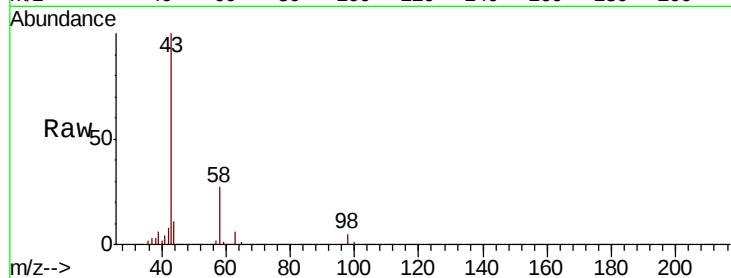
ClientSampled :

Tot Ion: 43 Resp: 15107

Ion Ratio Lower Upper

43 100

58 28.2 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

3000

2000

1000

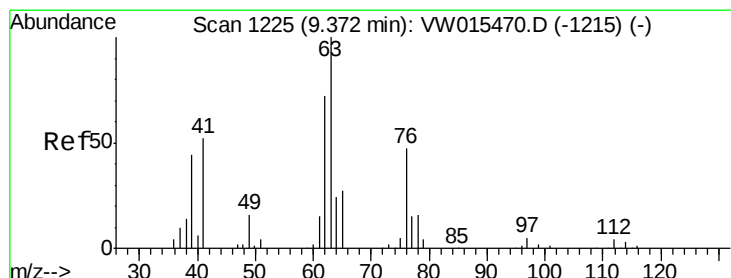
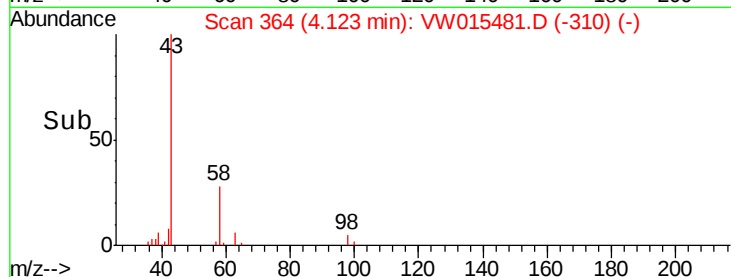
0

Time-->

4.00

4.10

4.20



#40

1,2-Dichloropropane

Concen: 3.608 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015481.D

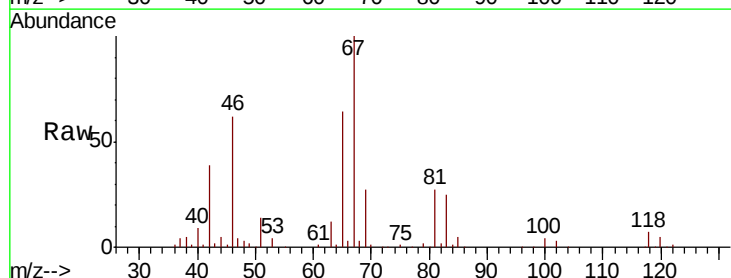
Acq: 26 May 2020 19:12

Tgt Ion: 63 Resp: 15451

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

9.27

8000

6000

4000

2000

0

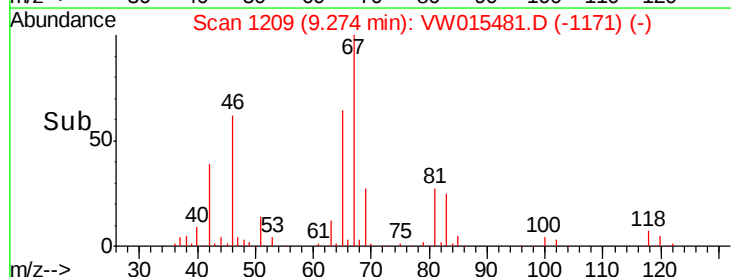
Time-->

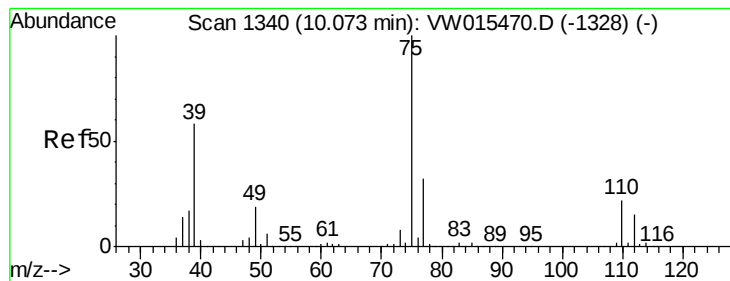
9.20

9.25

9.30

9.35





#42

cis-1,3-Dichloropropene

Concen: 0.626 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015481.D

Acq: 26 May 2020 19:12

Instrument :

MSVOA\_W

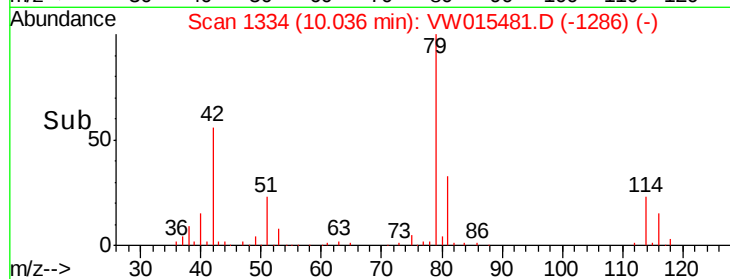
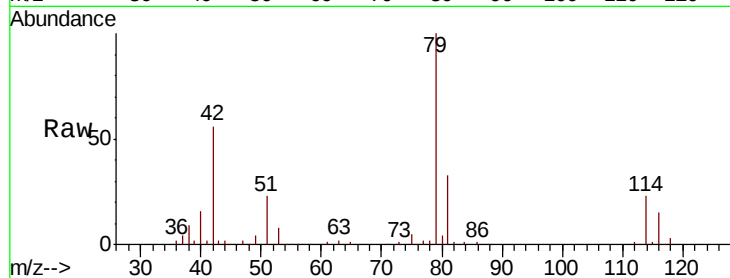
ClientSampleId :

Tot Ion: 75 Resp: 4289

Ion Ratio Lower Upper

75 100

77 40.7 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

