

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017181.D
 Acq On : 12 Nov 2020 13:47
 Operator : SY/VA
 Sample : VIBLK30
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK30

Quant Time: Nov 13 04:19:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	434948	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404024	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186186	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123825	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
7) Chloroethane-d5	2.89	69	104417	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.92%
10) 1,1-Dichloroethene-d2	4.02	63	165110	16.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.40%
20) 2-Butanone-d5	7.08	46	59421	48.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.00%
24) Chloroform-d	7.65	84	253953	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.31	65	131638	26.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.32%
29) Benzene-d6	8.27	84	491685	23.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.60%
33) 1,2-Dichloropropane-d6	9.27	67	140533	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.76%
37) Toluene-d8	10.33	98	454943	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.80%
38) trans-1,3-Dichloropropene-	10.58	79	58972	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	10.93	63	47785	48.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125467	25.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	171800	26.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.76%

Target Compounds

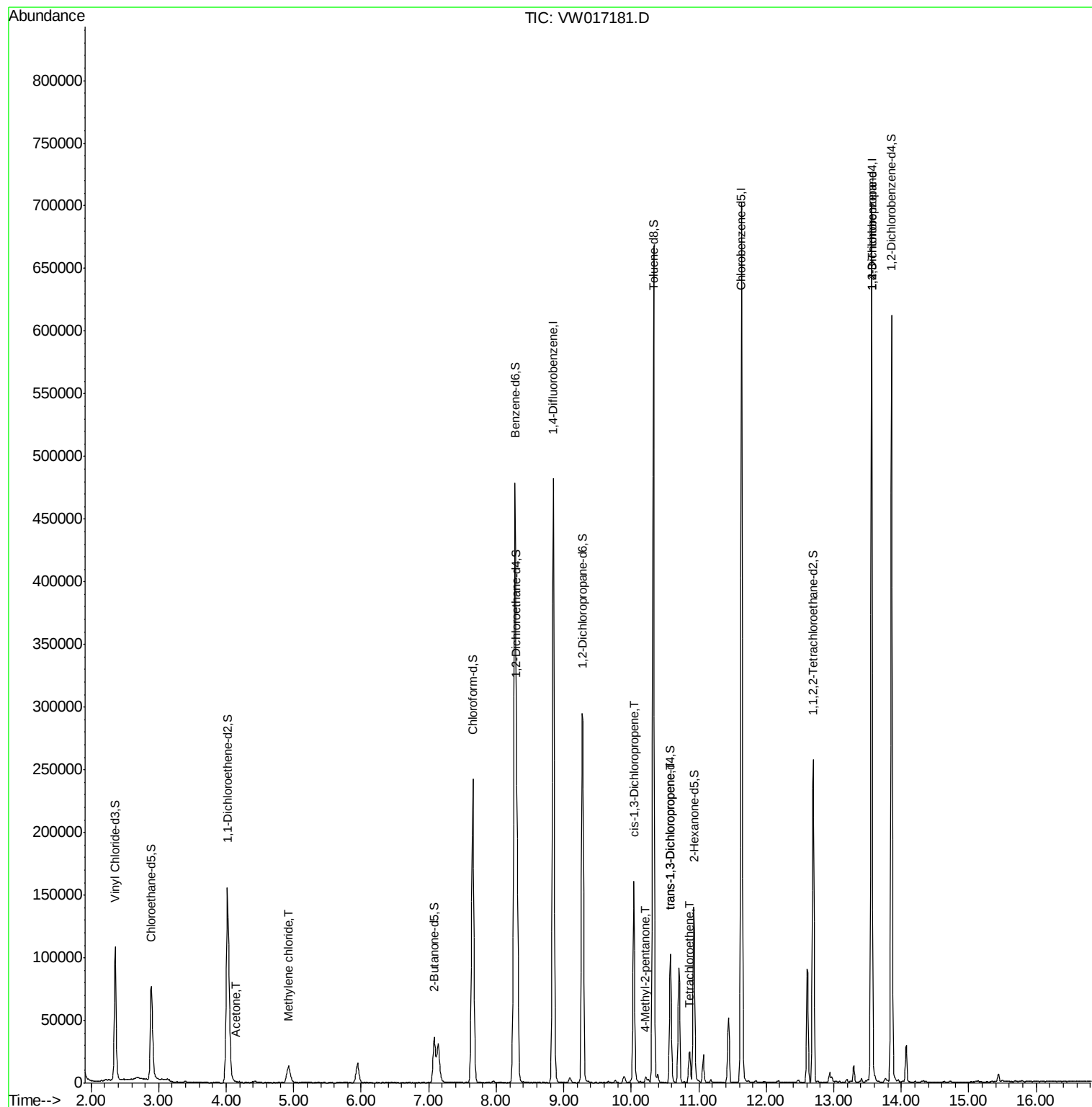
					Ovalue
13) Acetone	4.15	43	829	1.011 ug/L	46
16) Methylene chloride	4.92	84	12726	2.170 ug/L	89
42) cis-1,3-Dichloropropene	10.04	75	4402	0.560 ug/L #	59
43) 4-Methyl-2-pentanone	10.21	43	3268	1.068 ug/L	93
45) trans-1,3-Dichloropropene	10.59	75	3094	0.459 ug/L	95
47) Tetrachloroethene	10.87	164	5957	1.111 ug/L	93
59) 1,2,3-Trichloropropane	13.56	75	20265	5.708 ug/L	93

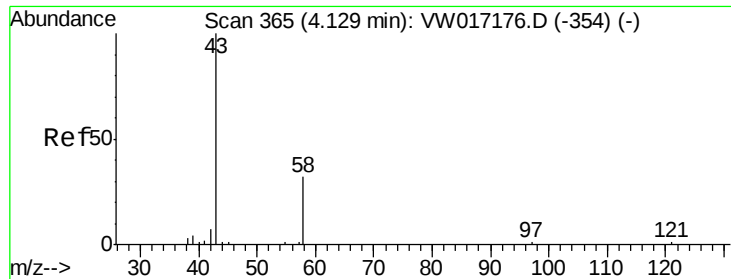
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.011 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017181.D

Acq: 12 Nov 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

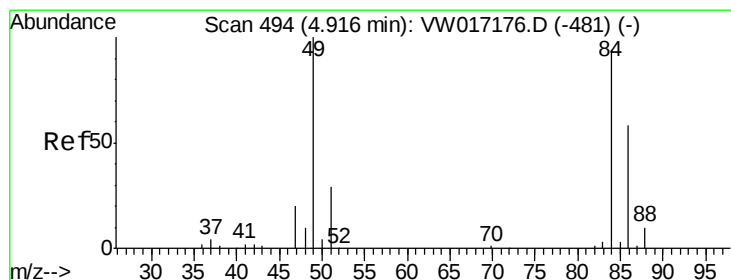
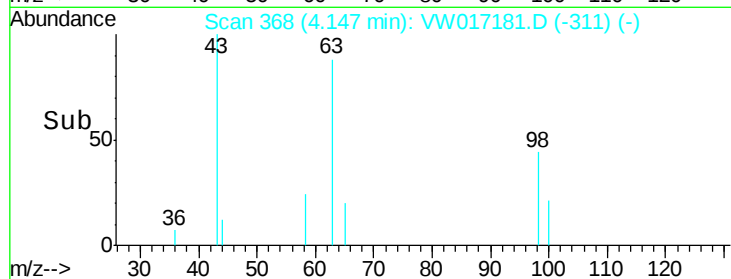
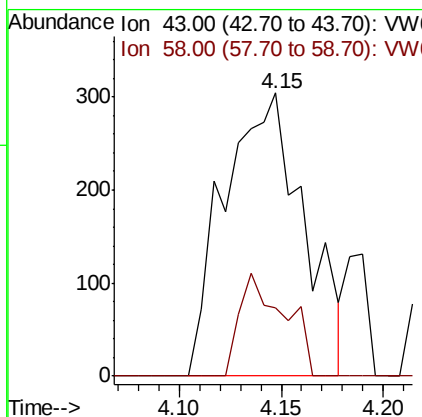
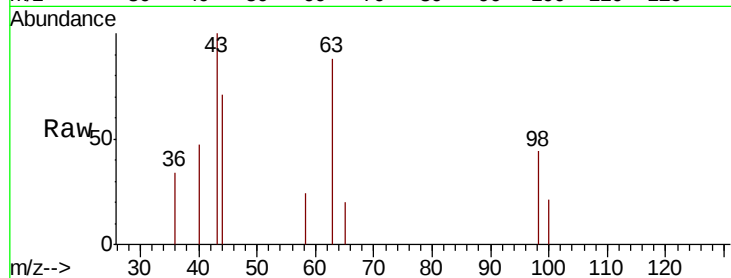
VIBLK30

Tot Ion: 43 Resp: 829

Ion Ratio Lower Upper

43 100

58 3.3 0.0 69.2



#16

Methylene chloride

Concen: 2.170 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017181.D

Acq: 12 Nov 2020 13:47

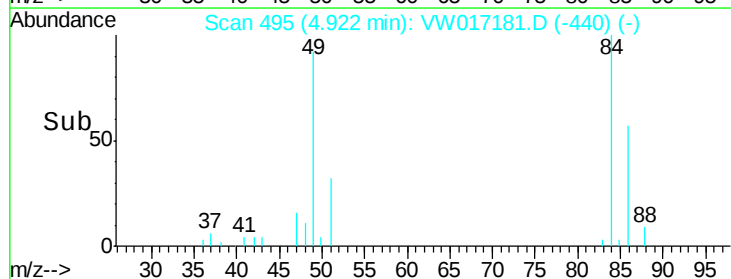
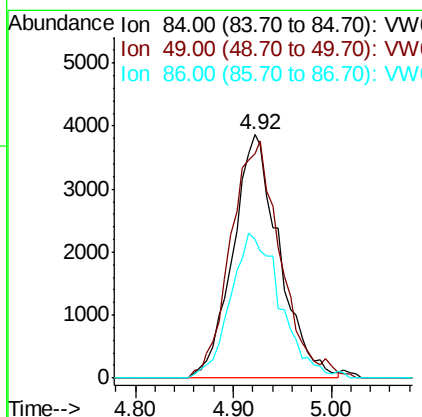
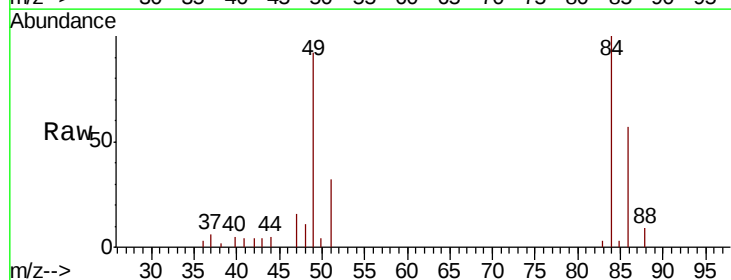
Tgt Ion: 84 Resp: 12726

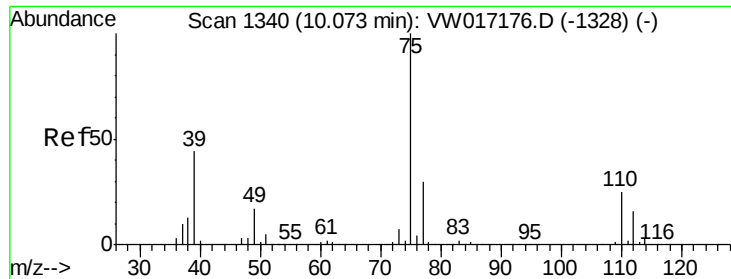
Ion Ratio Lower Upper

84 100

49 92.0 72.3 134.3

86 56.9 45.1 83.7





#42

cis-1,3-Dichloropropene

Concen: 0.560 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017181.D

Acq: 12 Nov 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

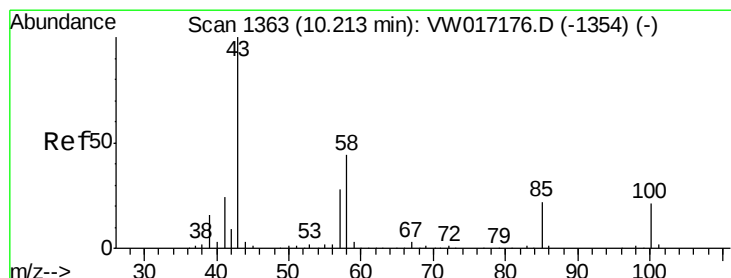
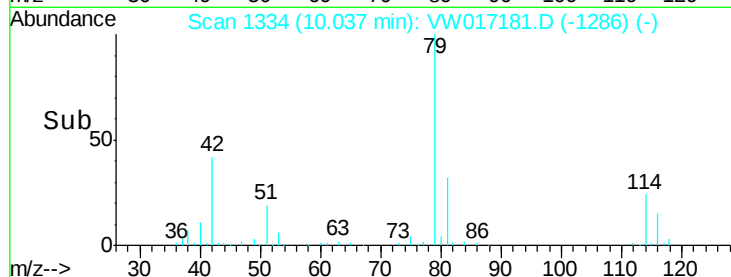
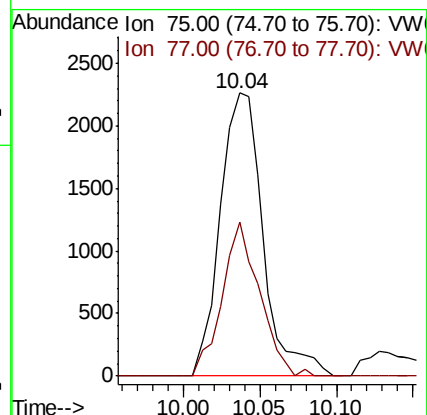
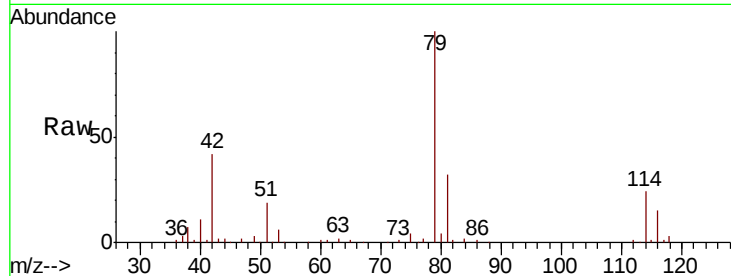
VIBLK30

Tot Ion: 75 Resp: 4402

Ion Ratio Lower Upper

75 100

77 54.4 22.0 41.0#



#43

4-Methyl-2-pentanone

Concen: 1.068 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW017181.D

Acq: 12 Nov 2020 13:47

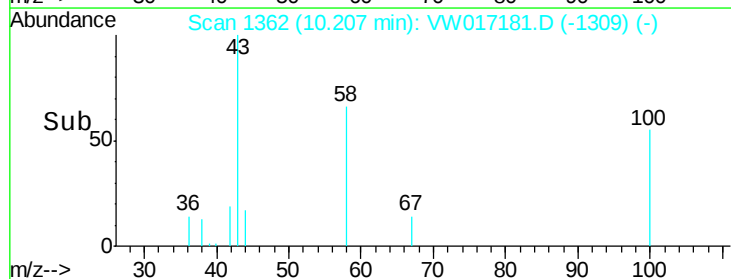
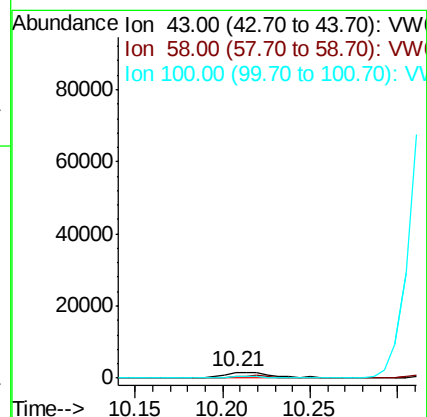
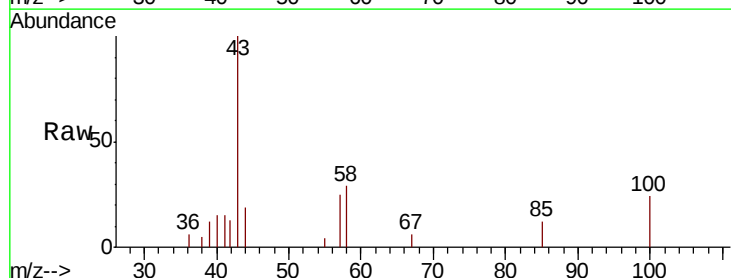
Tgt Ion: 43 Resp: 3268

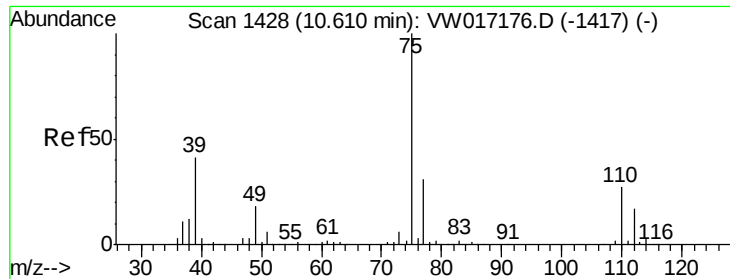
Ion Ratio Lower Upper

43 100

58 37.9 35.0 52.6

100 19.4 16.6 24.8





#45

trans-1,3-Dichloropropene

Concen: 0.459 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017181.D

Acq: 12 Nov 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

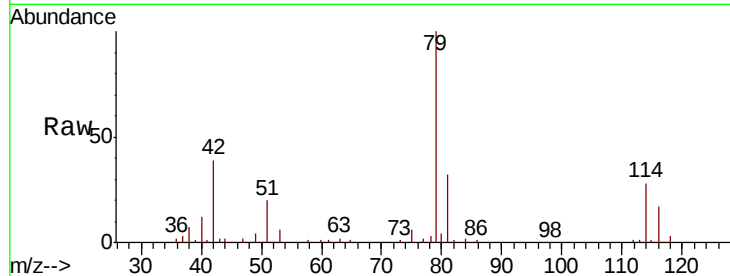
VIBLK30

Tot Ion: 75 Resp: 3094

Ion Ratio Lower Upper

75 100

77 34.5 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.59

1500

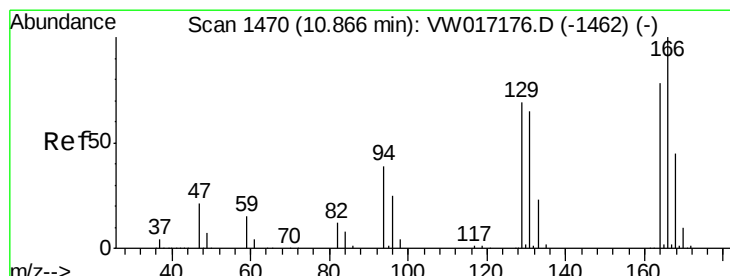
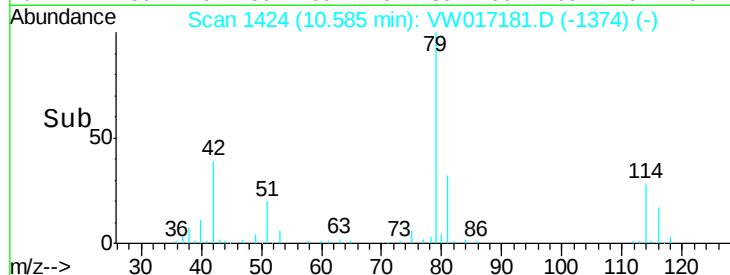
1000

500

0

Time-->

10.55 10.60 10.65



#47

Tetrachloroethene

Concen: 1.111 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017181.D

Acq: 12 Nov 2020 13:47

Tgt Ion:164 Resp: 5957

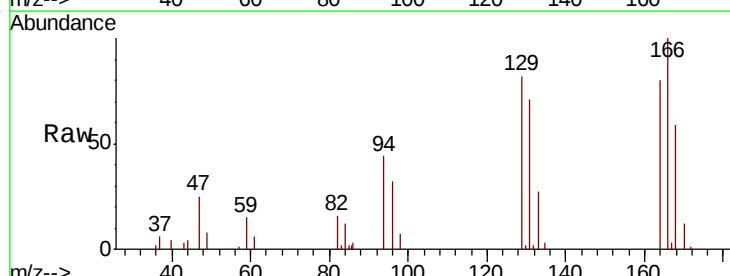
Ion Ratio Lower Upper

164 100

129 101.6 62.9 116.7

131 88.4 63.3 117.5

166 124.3 92.0 170.8



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

6000

5000

4000

3000

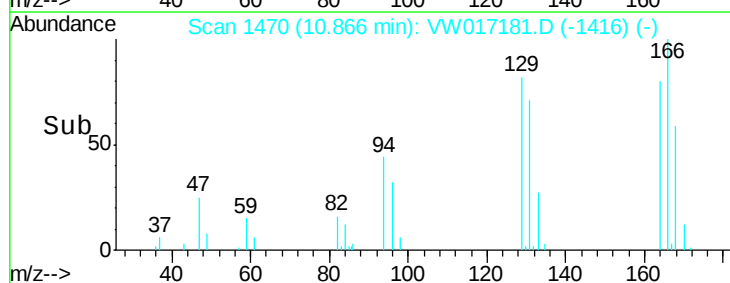
2000

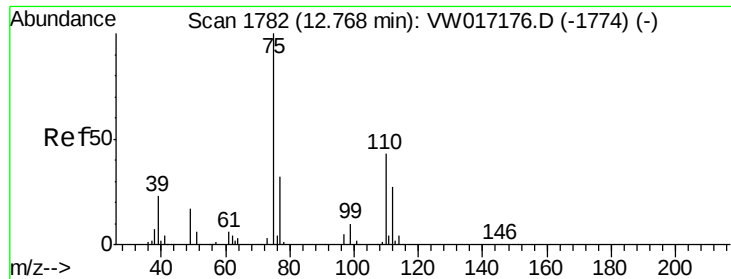
1000

0

Time-->

10.80 10.85 10.90





#59

1,2,3-Trichloropropane

Concen: 5.708 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017181.D

Acq: 12 Nov 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

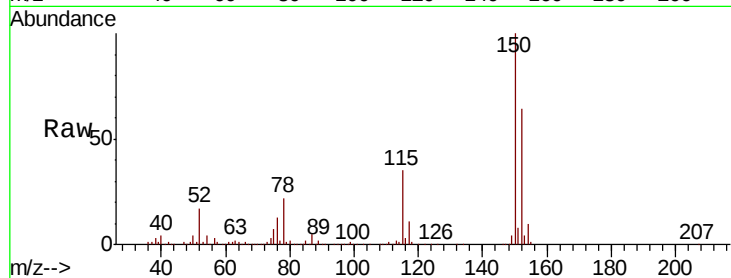
VIBLK30

Tot Ion: 75 Resp: 20265

Ion Ratio Lower Upper

75 100

77 36.9 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

