

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017185.D
 Acq On : 12 Nov 2020 15:21
 Operator : SY/VA
 Sample : VIBLK02
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK02

Quant Time: Nov 13 04:20:08 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	8.84	114	375280	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364578	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171277	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117046	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.04%
7) Chloroethane-d5	2.89	69	97075	26.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.60%
10) 1,1-Dichloroethene-d2	4.02	63	150619	17.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.24%
20) 2-Butanone-d5	7.08	46	61011	57.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.44%
24) Chloroform-d	7.65	84	236340	26.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.92%
26) 1,2-Dichloroethane-d4	8.31	65	125966	28.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.68%
29) Benzene-d6	8.27	84	449483	24.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.84%
33) 1,2-Dichloropropane-d6	9.27	67	130759	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
37) Toluene-d8	10.33	98	413543	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.48%
38) trans-1,3-Dichloropropene-	10.58	79	55046	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.12%
39) 2-Hexanone-d5	10.93	63	48707	54.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122824	27.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	165832	27.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.92%

Target Compounds

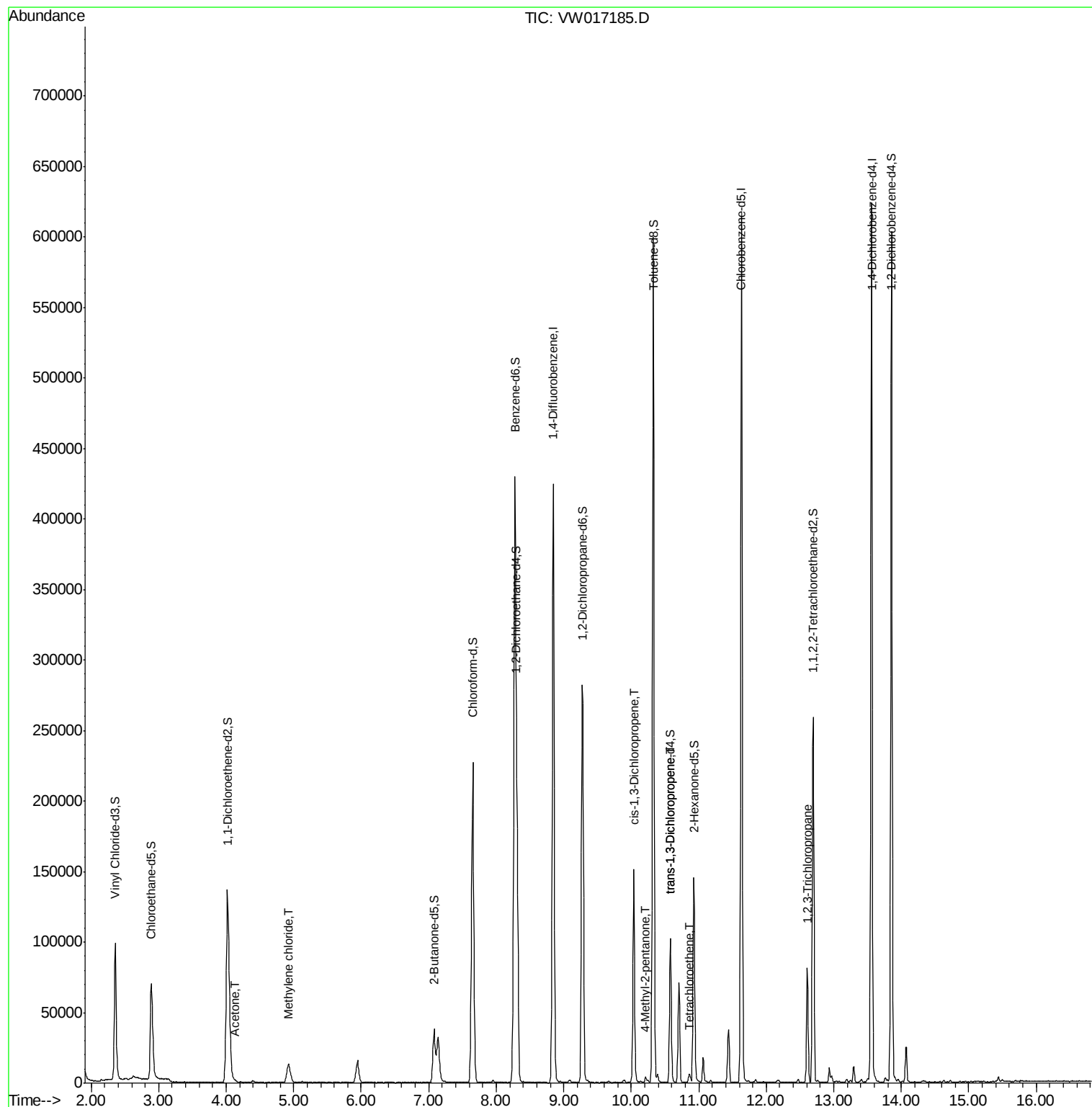
					Ovalue
13) Acetone	4.14	43	494	0.698 ug/L	58
16) Methylene chloride	4.92	84	12937	2.557 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	4431	0.625 ug/L #	72
43) 4-Methyl-2-pentanone	10.21	43	2837	1.028 ug/L #	88
45) trans-1,3-Dichloropropene	10.58	75	2760	0.453 ug/L	98
47) Tetrachloroethene	10.86	164	1480	0.306 ug/L	94
59) 1,2,3-Trichloropropane	12.61	75	1107	0.346 ug/L	89

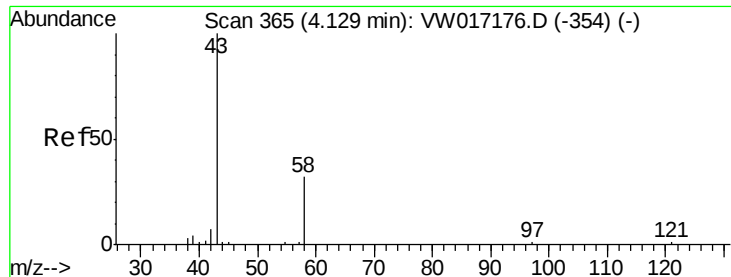
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 13 04:11:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.698 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017185.D

Acq: 12 Nov 2020 15:21

Instrument :

MSVOA_W

ClientSampled :

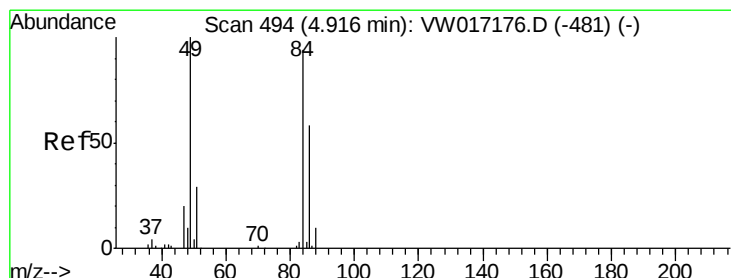
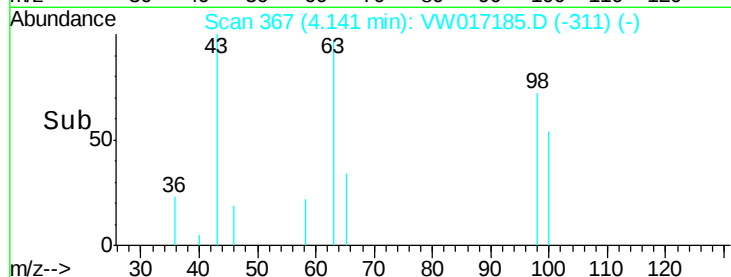
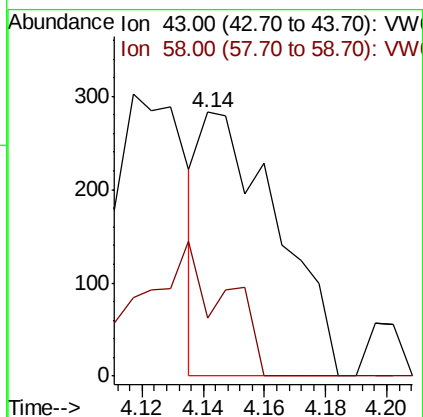
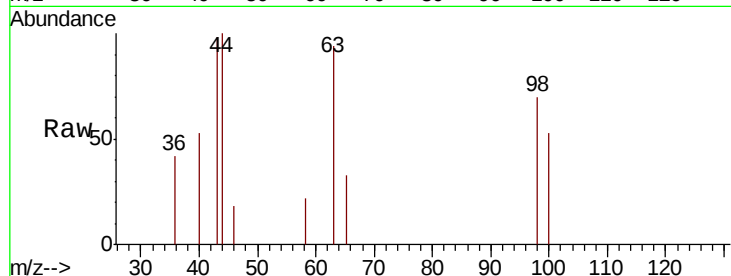
VIBLK02

Tot Ion: 43 Resp: 494

Ion Ratio Lower Upper

43 100

58 10.3 0.0 69.2



#16

Methylene chloride

Concen: 2.557 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017185.D

Acq: 12 Nov 2020 15:21

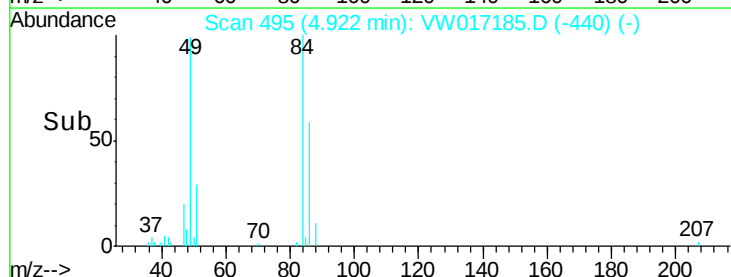
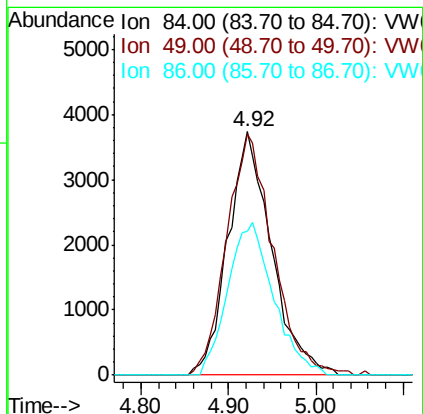
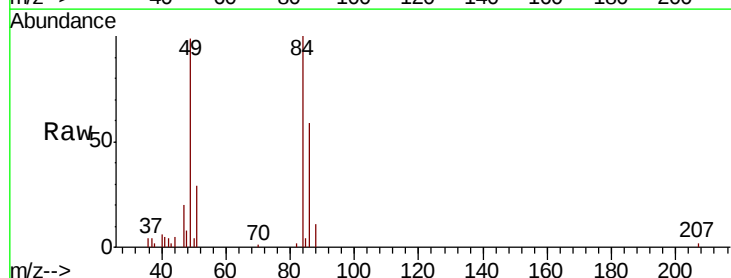
Tgt Ion: 84 Resp: 12937

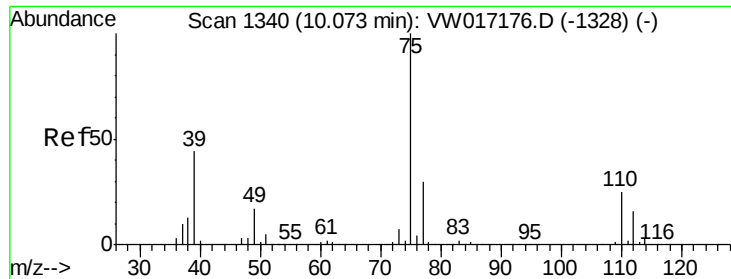
Ion Ratio Lower Upper

84 100

49 99.0 72.3 134.3

86 58.9 45.1 83.7





#42

cis-1,3-Dichloropropene

Concen: 0.625 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017185.D

Acq: 12 Nov 2020 15:21

Instrument :

MSVOA_W

ClientSampled :

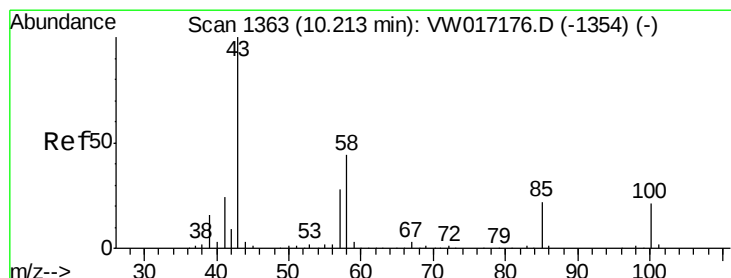
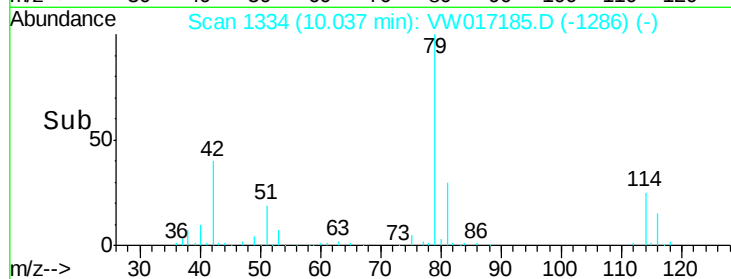
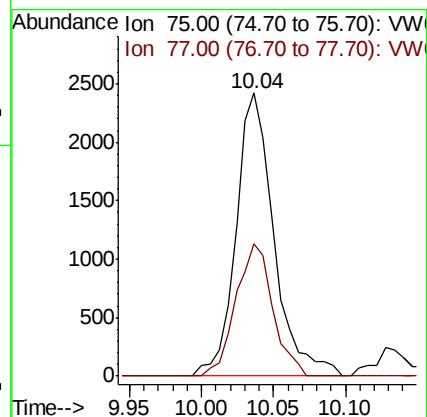
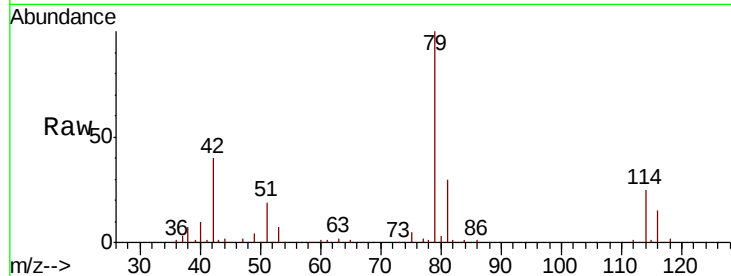
VIBLK02

Tot Ion: 75 Resp: 4431

Ion Ratio Lower Upper

75 100

77 46.9 22.0 41.0#



#43

4-Methyl-2-pentanone

Concen: 1.028 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017185.D

Acq: 12 Nov 2020 15:21

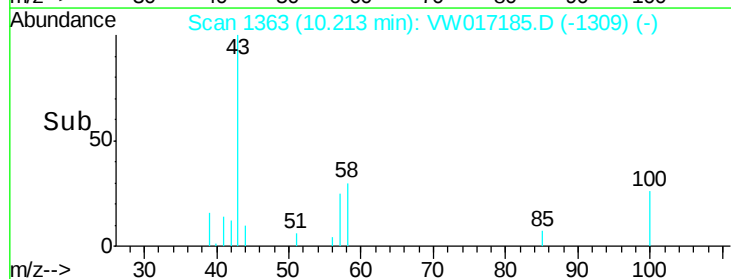
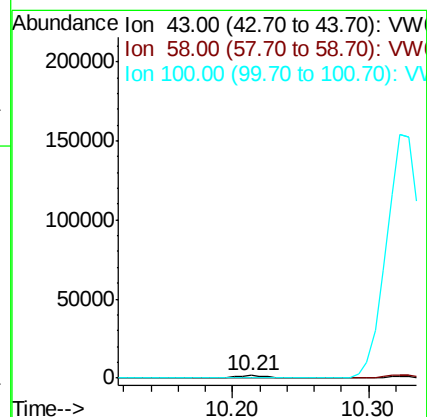
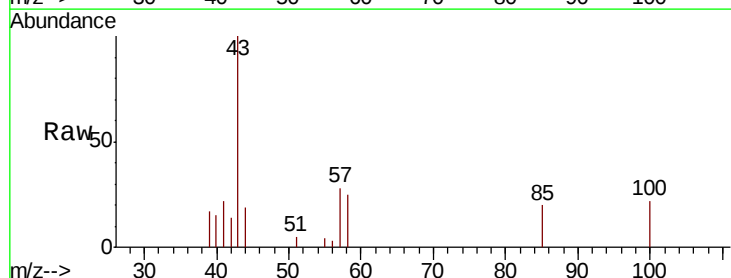
Tgt Ion: 43 Resp: 2837

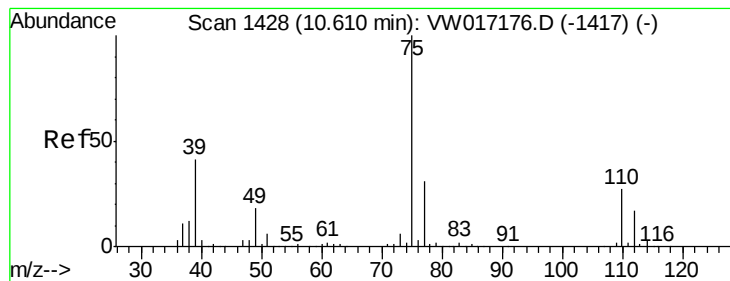
Ion Ratio Lower Upper

43 100

58 34.8 35.0 52.6#

100 17.6 16.6 24.8





#45

trans-1,3-Dichloropropene

Concen: 0.453 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017185.D

Acq: 12 Nov 2020 15:21

Instrument :

MSVOA_W

ClientSampleId :

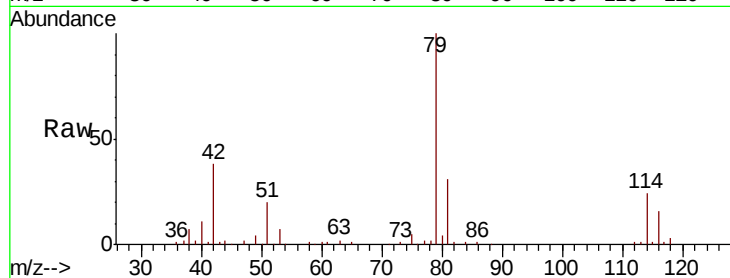
VIBLK02

Tot Ion: 75 Resp: 2760

Ion Ratio Lower Upper

75 100

77 32.9 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.58

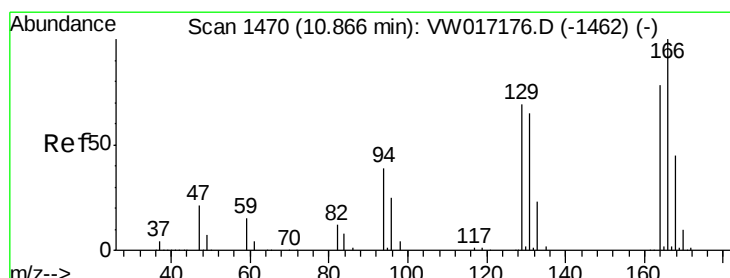
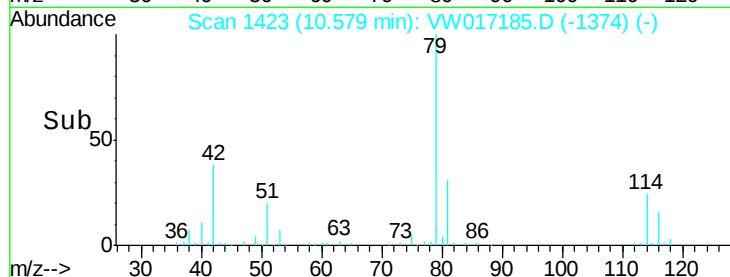
1500

1000

500

0

Time--> 10.50 10.55 10.60 10.65



#47

Tetrachloroethene

Concen: 0.306 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW017185.D

Acq: 12 Nov 2020 15:21

Tgt Ion: 164 Resp: 1480

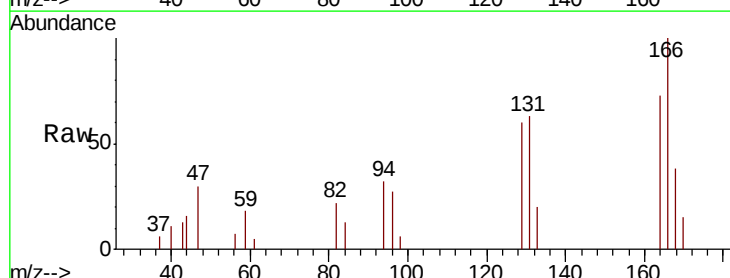
Ion Ratio Lower Upper

164 100

129 81.5 62.9 116.7

131 86.4 63.3 117.5

166 136.5 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

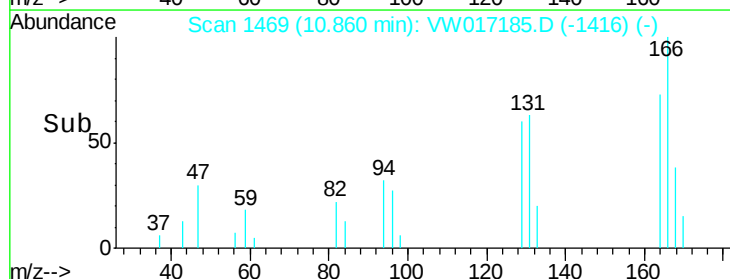
1500

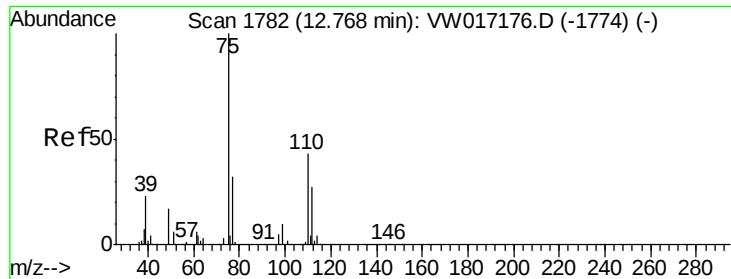
1000

500

0

Time--> 10.85 10.90





#59

1,2,3-Trichloropropane

Concen: 0.346 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017185.D

Acq: 12 Nov 2020 15:21

Instrument :

MSVOA_W

ClientSampleId :

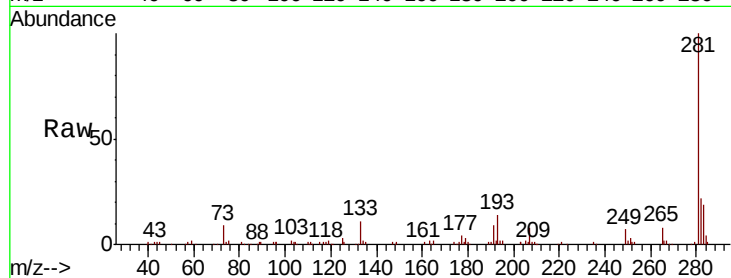
VIBLK02

Tot Ion: 75 Resp: 1107

Ion Ratio Lower Upper

75 100

77 27.0 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

12.61

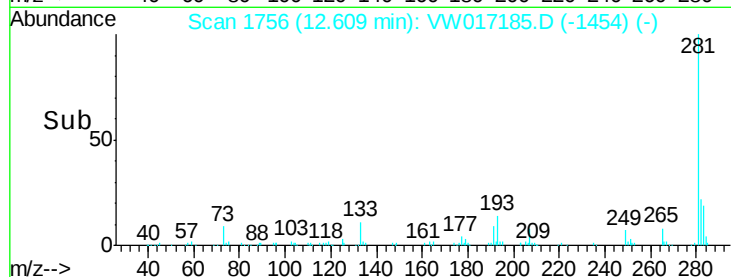
600

400

200

0

12.55 12.60 12.65



Time-->