

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110920\
 Data File : VW017121.D
 Acq On : 09 Nov 2020 17:29
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK11

Quant Time: Nov 10 08:00:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 10 07:51:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	461756	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	428470	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195327	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	141342	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.20%
7) Chloroethane-d5	2.90	69	112902	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.76%
10) 1,1-Dichloroethene-d2	4.03	63	184927	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.12%
20) 2-Butanone-d5	7.09	46	50883	39.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.24%
24) Chloroform-d	7.65	84	261843	24.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	8.41	65	147	0.03	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.28	84	523700	24.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.00%
33) 1,2-Dichloropropane-d6	9.28	67	146257	24.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.92%
37) Toluene-d8	10.33	98	482412	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.80%
38) trans-1,3-Dichloropropene-	10.58	79	58854	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.52%
39) 2-Hexanone-d5	10.93	63	40022	38.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114907	21.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	180167	26.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.72%

Target Compounds

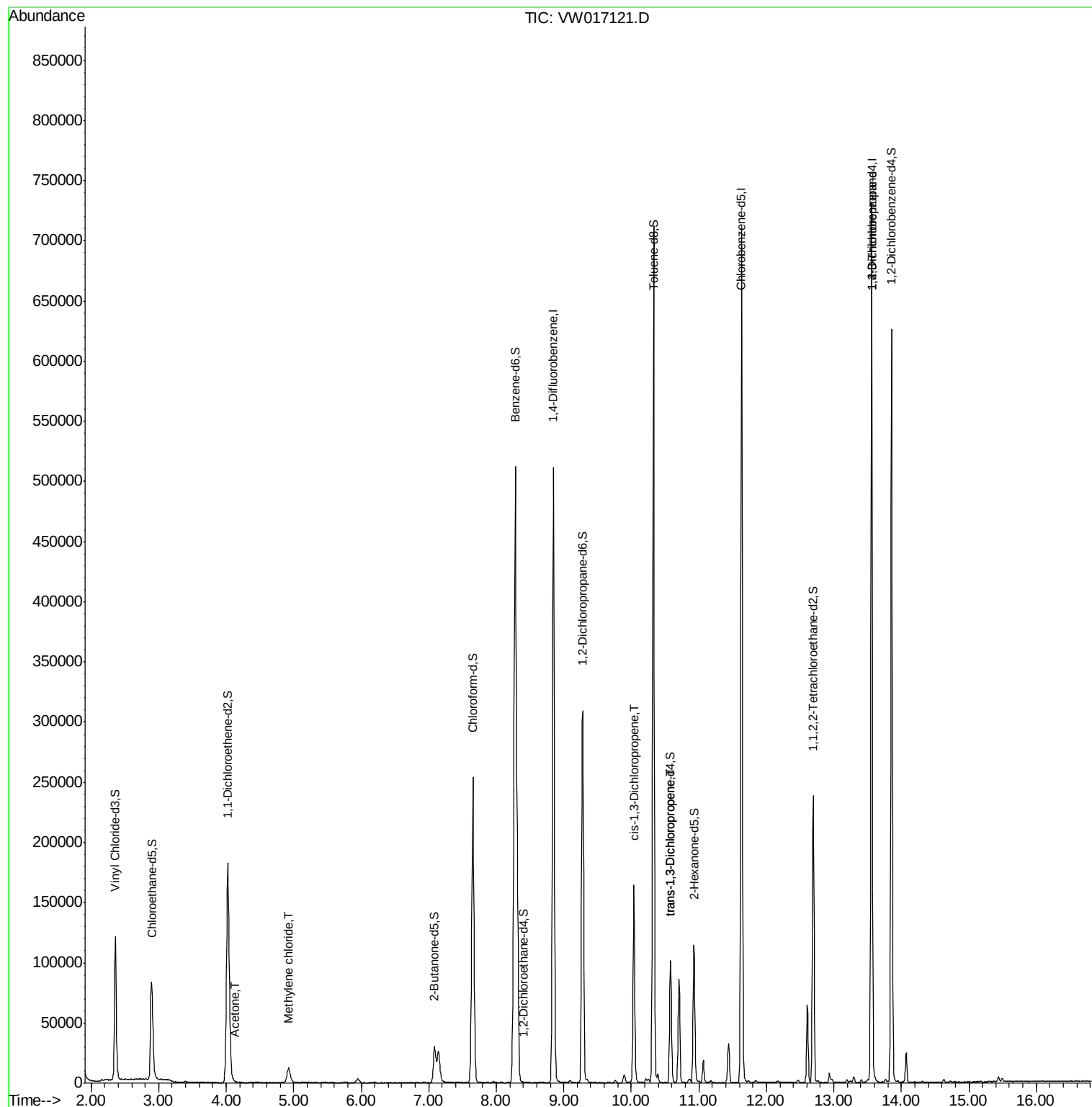
					Ovalue
13) Acetone	4.13	43	444	0.510 ug/L	83
16) Methylene chloride	4.92	84	11056	1.776 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4396	0.528 ug/L #	49
45) trans-1,3-Dichloropropene	10.58	75	2863	0.400 ug/L	100
59) 1,2,3-Trichloropropane	13.56	75	20538	5.455 ug/L	90

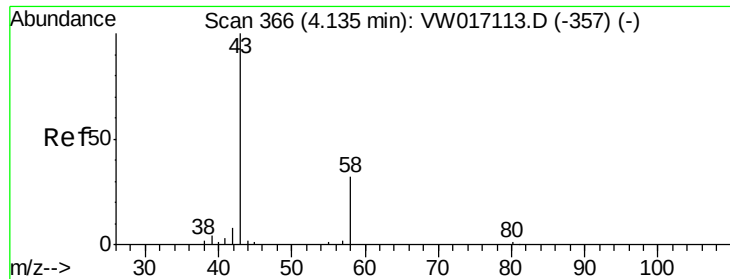
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.510 ug/L

RT: 4.13 min Scan# 366

Delta R.T. -0.00 min

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Acq: 09 Nov 2020 17:29

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MSVOA_W

ClientSampleId :

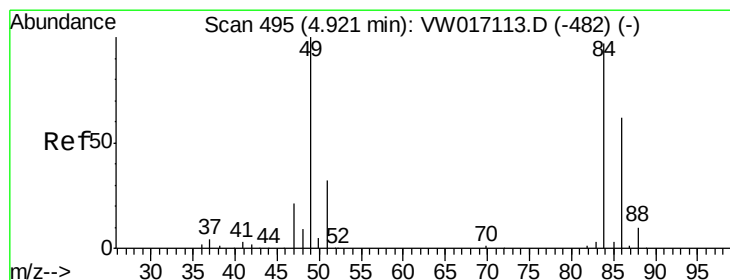
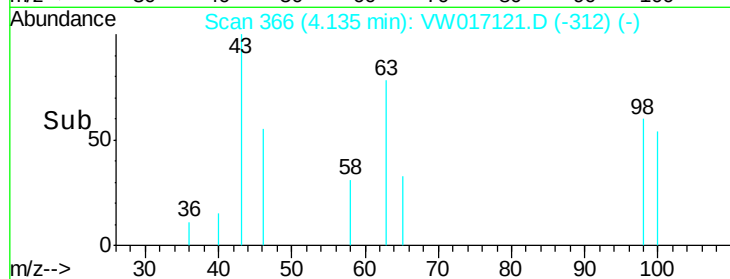
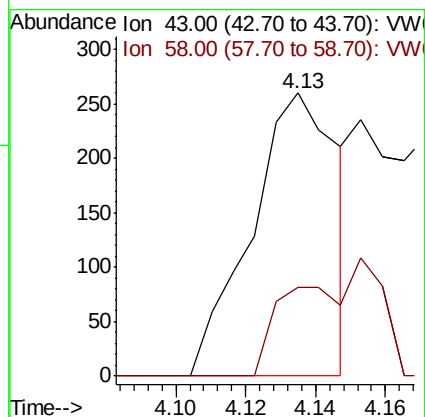
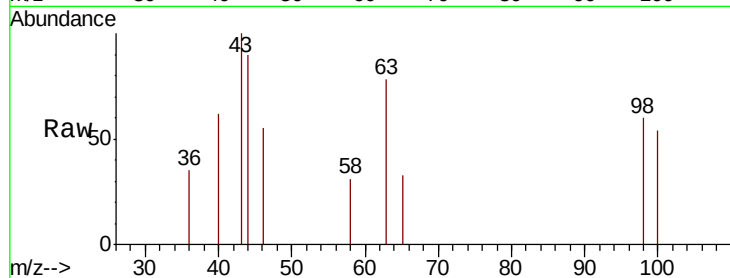
VIBLK11

Tot Ion: 43 Resp: 444

Ion Ratio Lower Upper

43 100

58 24.5 0.0 69.2



#16

Methylene chloride

Concen: 1.776 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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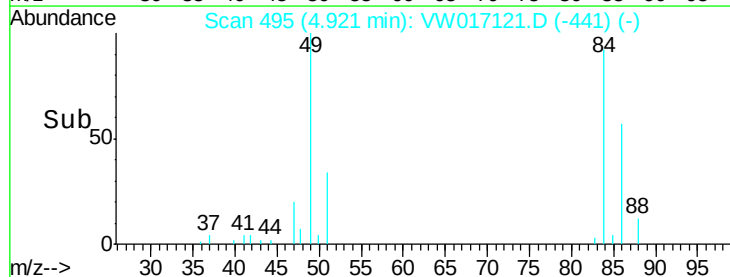
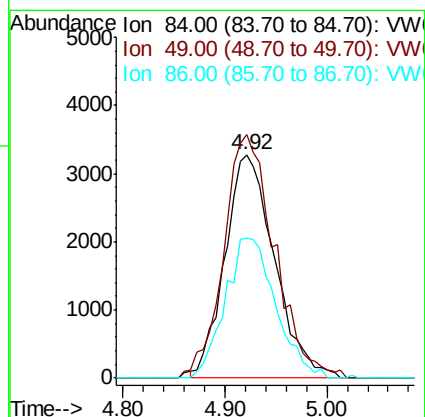
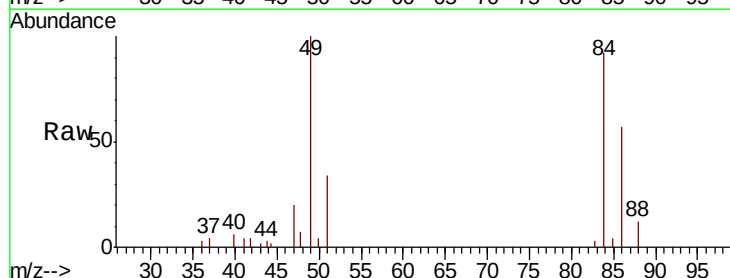
Tgt Ion: 84 Resp: 11056

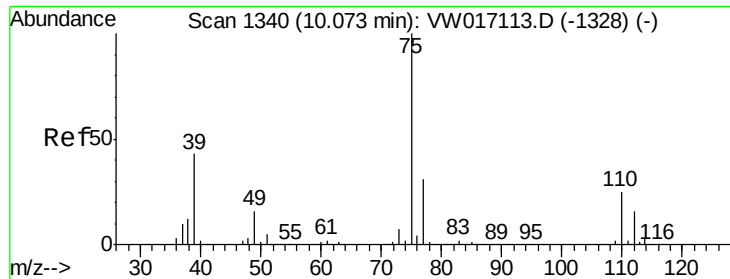
Ion Ratio Lower Upper

84 100

49 108.8 72.3 134.3

86 62.6 45.1 83.7





#42

cis-1,3-Dichloropropene

Concen: 0.528 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017121.D

Acq: 09 Nov 2020 17:29

Instrument :

MSVOA_W

ClientSampled :

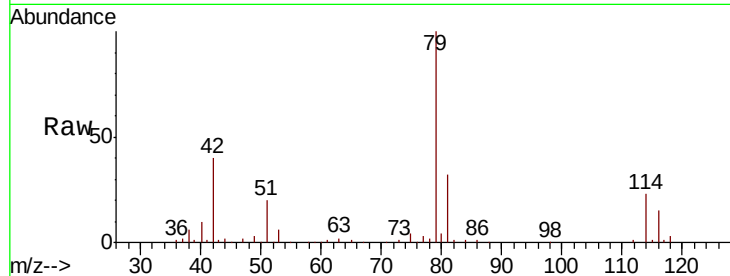
VIBLK11

Tot Ion: 75 Resp: 4396

Ion Ratio Lower Upper

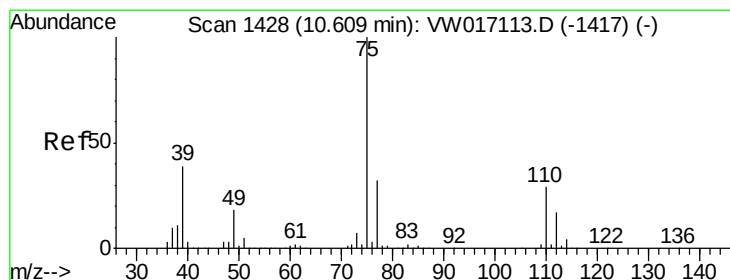
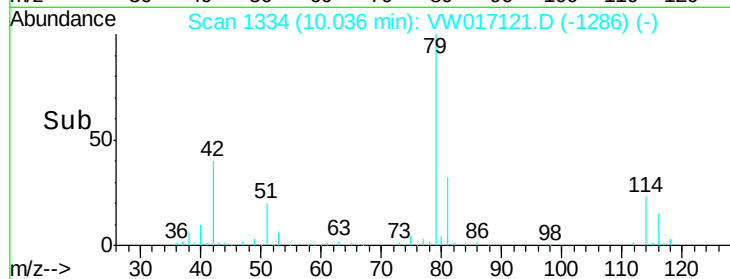
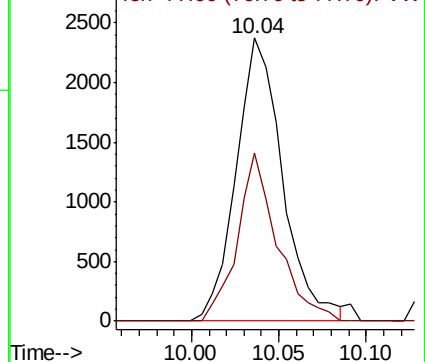
75 100

77 59.5 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.400 ug/L

RT: 10.58 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017121.D

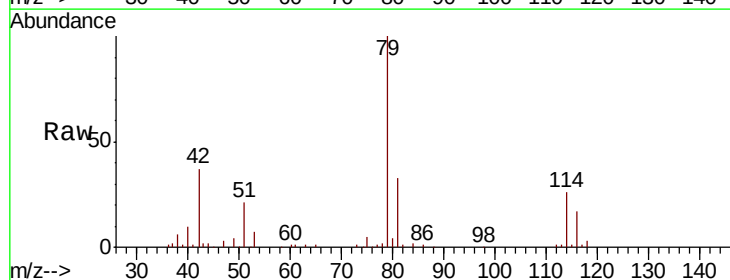
Acq: 09 Nov 2020 17:29

Tgt Ion: 75 Resp: 2863

Ion Ratio Lower Upper

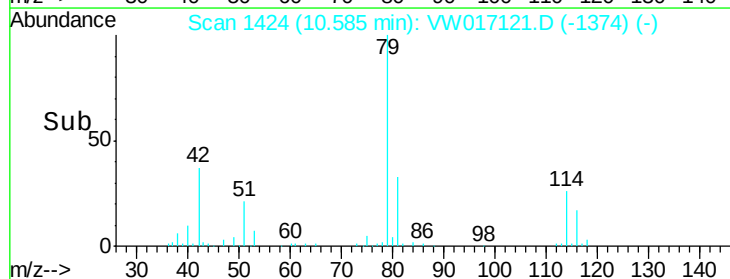
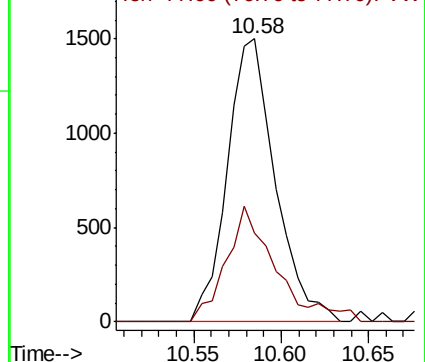
75 100

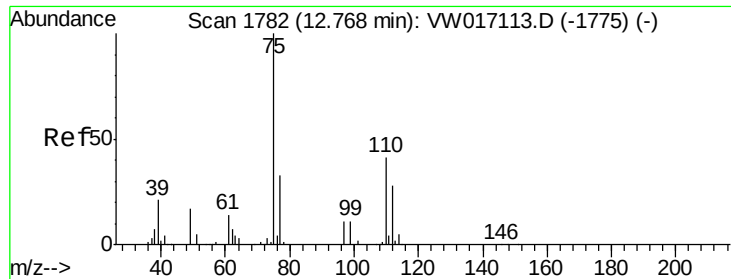
77 31.5 22.1 41.1



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: 5.455 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017121.D

Acq: 09 Nov 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

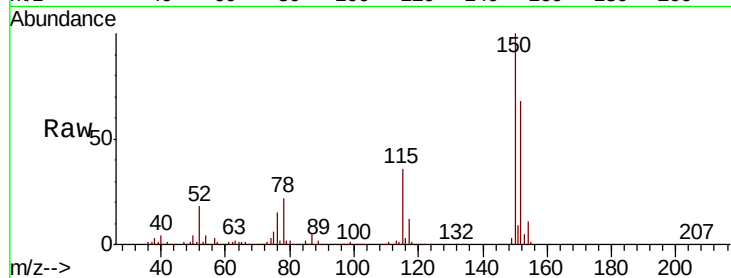
VIBLK11

Tot Ion: 75 Resp: 20538

Ion Ratio Lower Upper

75 100

77 38.4 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

