

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016835.D
 Acq On : 07 Oct 2020 16:01
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK11

Quant Time: Oct 08 08:40:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	518173	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	472168	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219435	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	121564	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.12%
7) Chloroethane-d5	2.90	69	99366	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.68%
10) 1,1-Dichloroethene-d2	4.03	63	173961	16.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.12%
20) 2-Butanone-d5	7.09	46	51621	44.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.16%
24) Chloroform-d	7.65	84	250297	22.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	8.31	65	128104	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.04%
29) Benzene-d6	8.27	84	502401	23.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.72%
33) 1,2-Dichloropropane-d6	9.27	67	138433	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.08%
37) Toluene-d8	10.33	98	464073	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.72%
38) trans-1,3-Dichloropropene-	10.58	79	55460	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.28%
39) 2-Hexanone-d5	10.93	63	43552	48.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112695	24.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	170308	24.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.88%

Target Compounds

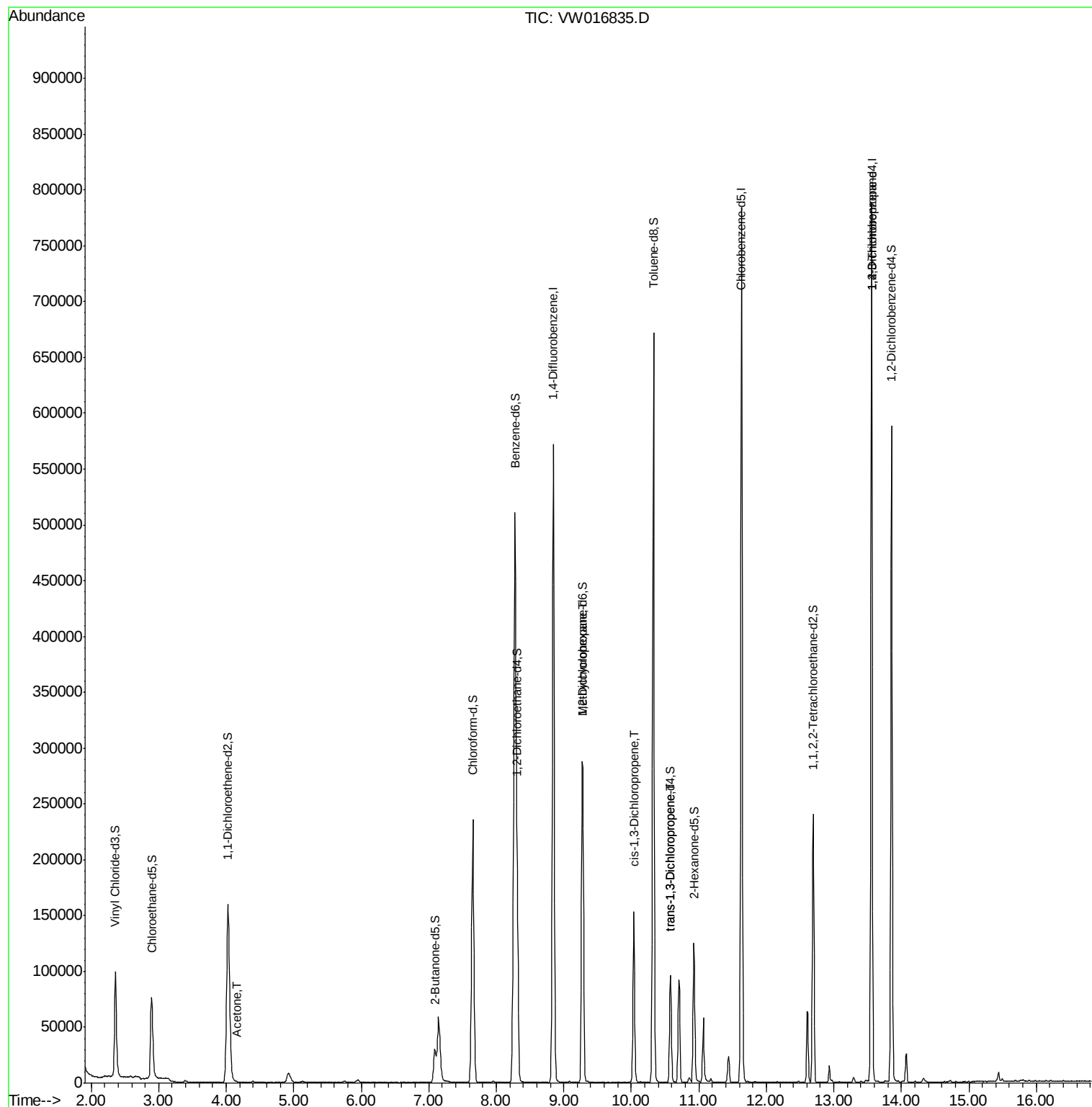
					Ovalue
13) Acetone	4.16	43	761	0.869 ug/L	65
36) Methylcyclohexane	9.27	83	35771	2.966 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4163	0.455 ug/L	86
45) trans-1,3-Dichloropropene	10.59	75	2691	0.350 ug/L	88
59) 1,2,3-Trichloropropane	13.56	75	22128	5.930 ug/L	92

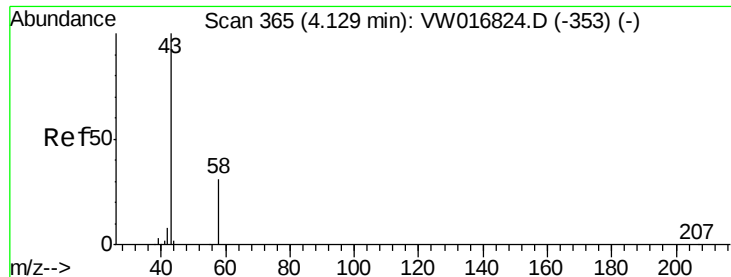
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.869 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.03 min

Lab File: VW016835.D

Acq: 07 Oct 2020 16:01

Instrument :

MSVOA_W

ClientSampleId :

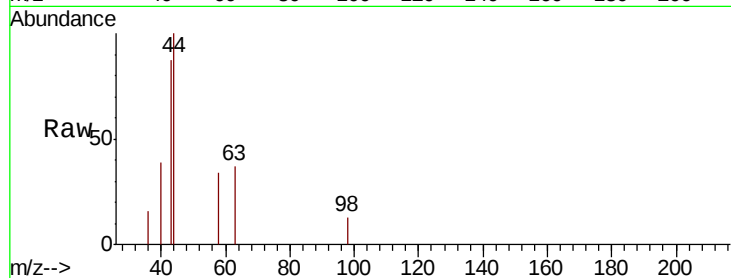
VIBLK11

Tot Ion: 43 Resp: 761

Ion Ratio Lower Upper

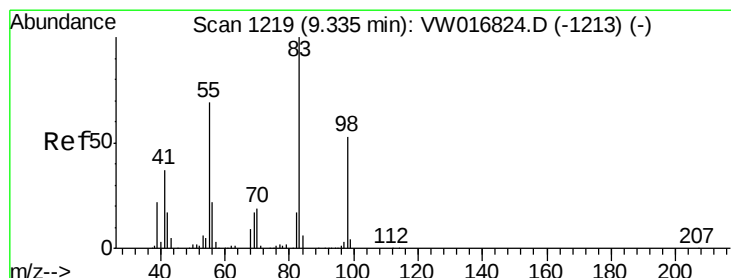
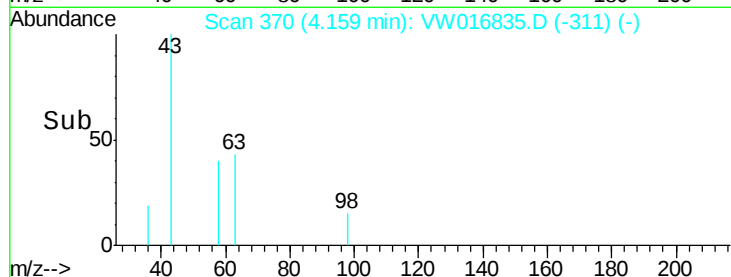
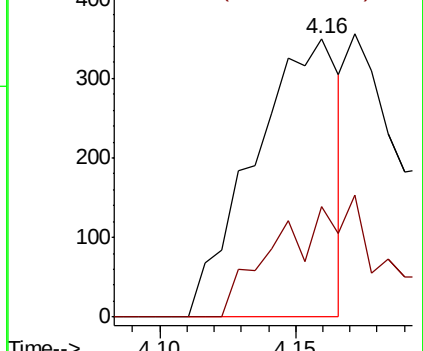
43 100

58 13.5 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#36

Methylcyclohexane

Concen: 2.966 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW016835.D

Acq: 07 Oct 2020 16:01

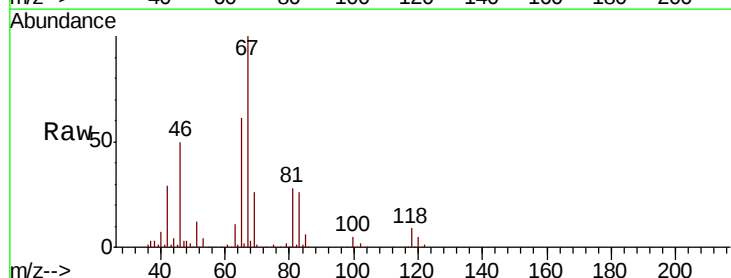
Tgt Ion: 83 Resp: 35771

Ion Ratio Lower Upper

83 100

55 0.4 54.2 81.4#

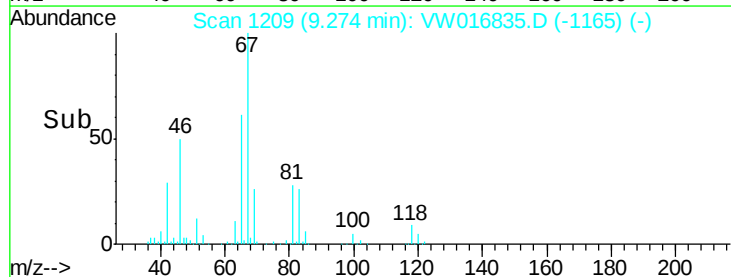
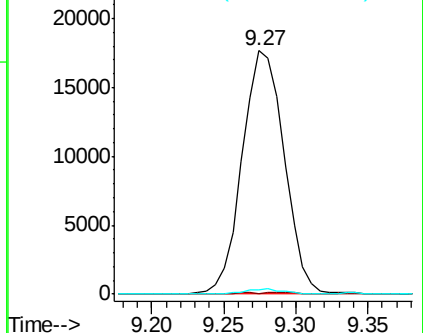
98 1.9 41.4 62.2#

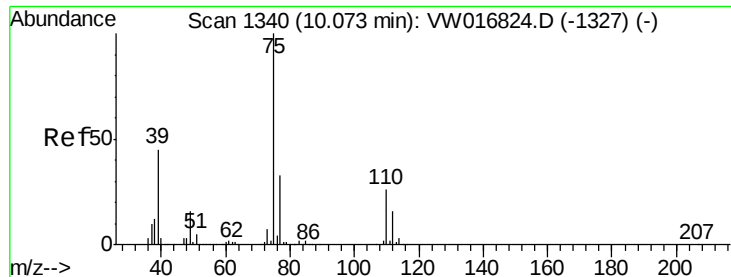


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

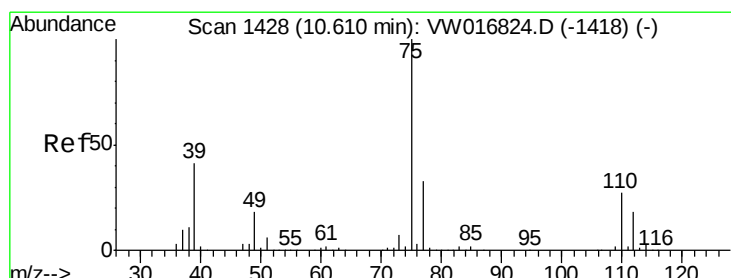
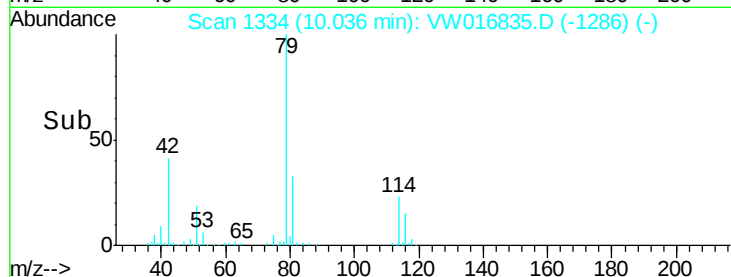
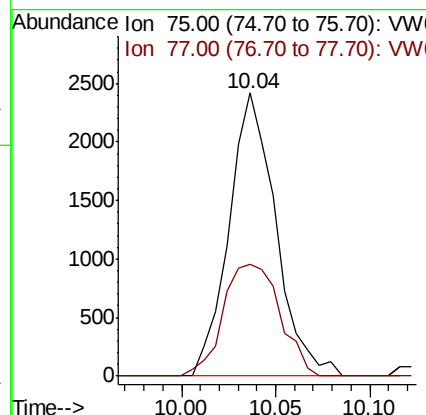
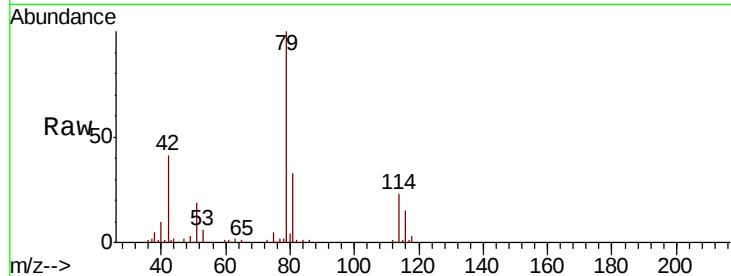




#42
 cis-1,3-Dichloropropene
 Concen: 0.455 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016835.D
 Acq: 07 Oct 2020 16:01

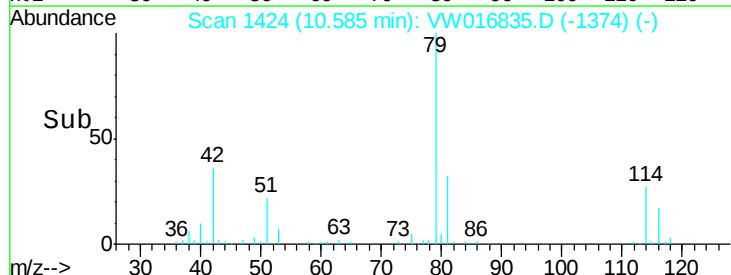
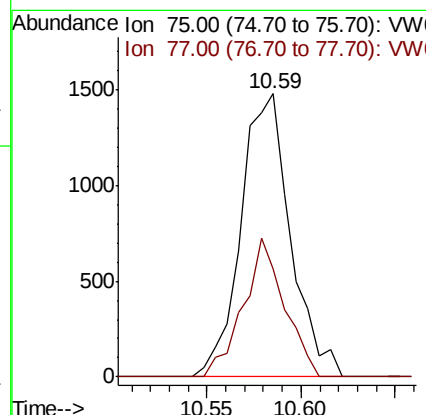
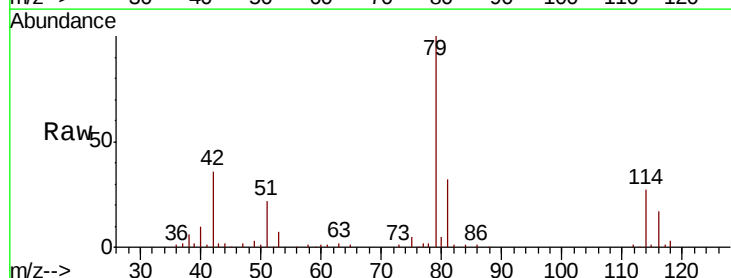
Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK11

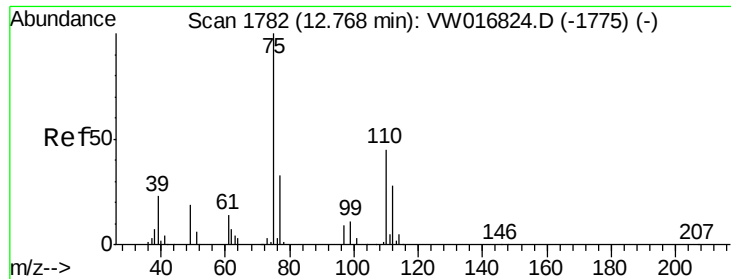
Tot Ion: 75 Resp: 4163
 Ion Ratio Lower Upper
 75 100
 77 39.3 22.1 41.1



#45
 trans-1,3-Dichloropropene
 Concen: 0.350 ug/L
 RT: 10.59 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: VW016835.D
 Acq: 07 Oct 2020 16:01

Tgt Ion: 75 Resp: 2691
 Ion Ratio Lower Upper
 75 100
 77 38.4 22.2 41.2





#59

1,2,3-Trichloropropane

Concen: 5.930 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016835.D

Acq: 07 Oct 2020 16:01

Instrument :

MSVOA_W

ClientSampleId :

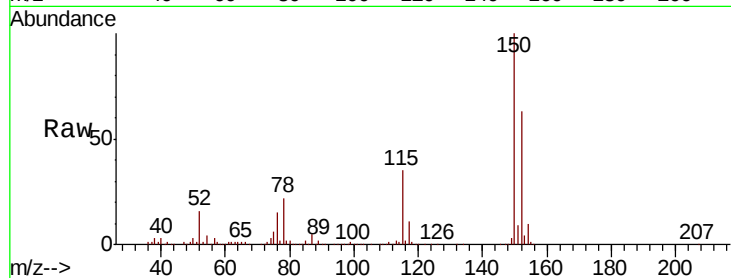
VIBLK11

Tot Ion: 75 Resp: 22128

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

