

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017584.D
 Acq On : 07 Dec 2020 17:17
 Operator : SY/VA
 Sample : VIBLK22
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK22

Quant Time: Dec 08 06:48:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 06:44:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	322829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	301215	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151236	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104426	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.88%
7) Chloroethane-d5	2.90	69	84919	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.32%
10) 1,1-Dichloroethene-d2	4.03	63	171633	17.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.52%
20) 2-Butanone-d5	7.08	46	59225	63.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.18%
24) Chloroform-d	7.65	84	235608	25.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.32%
26) 1,2-Dichloroethane-d4	8.31	65	128903	27.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.72%
29) Benzene-d6	8.28	84	449388	23.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.32%
33) 1,2-Dichloropropane-d6	9.27	67	131944	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.12%
37) Toluene-d8	10.33	98	405810	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	10.58	79	56831	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.12%
39) 2-Hexanone-d5	10.93	63	37302	56.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111201	28.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	146941	25.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.00%

Target Compounds

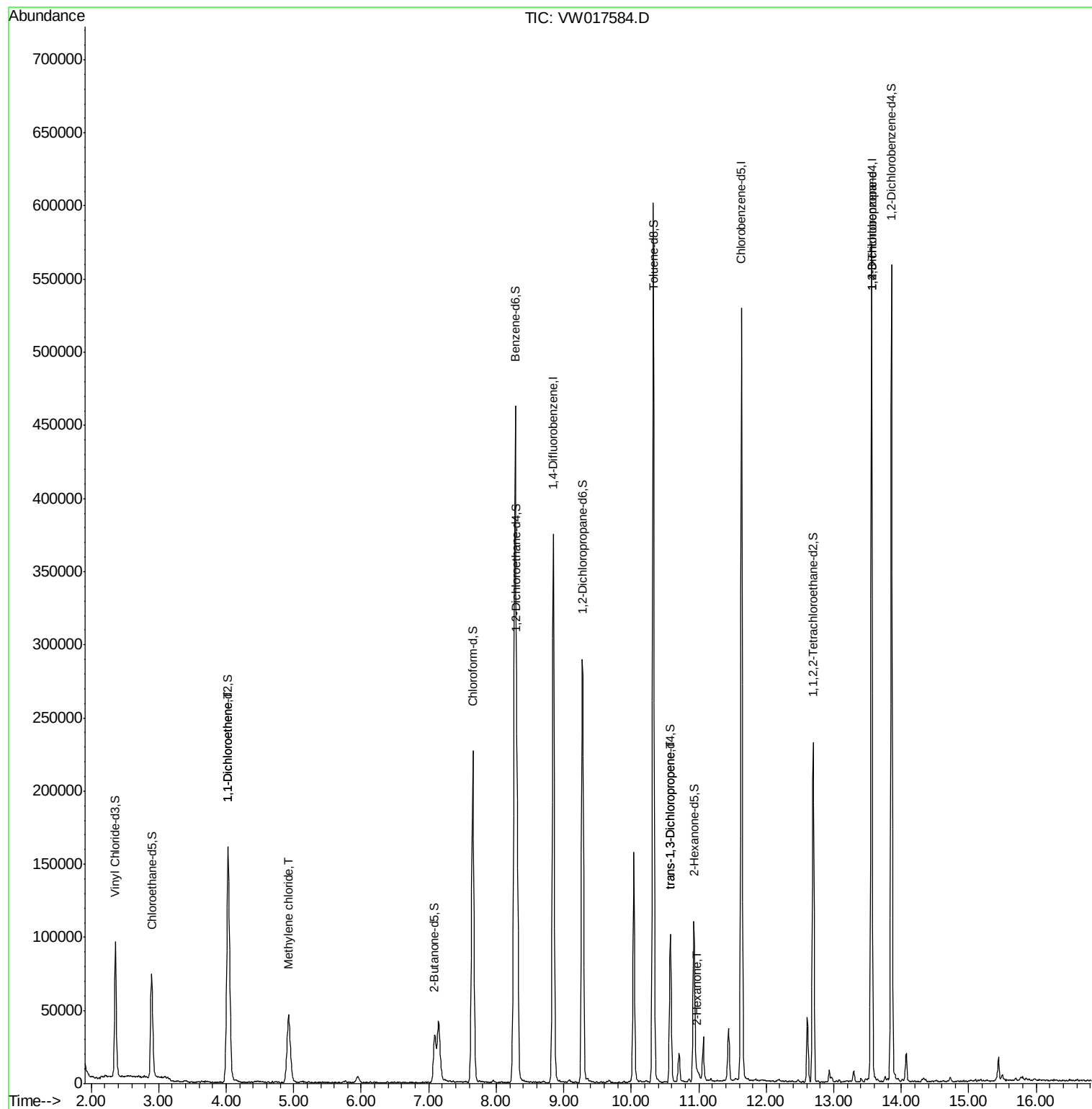
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1743	0.387 ug/L #	1
16) Methylene chloride	4.93	84	38120	7.831 ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	2845	0.495 ug/L #	51
49) 2-Hexanone	10.98	43	837	0.571 ug/L #	79
59) 1,2,3-Trichloropropane	13.56	75	17477	6.744 ug/L	96

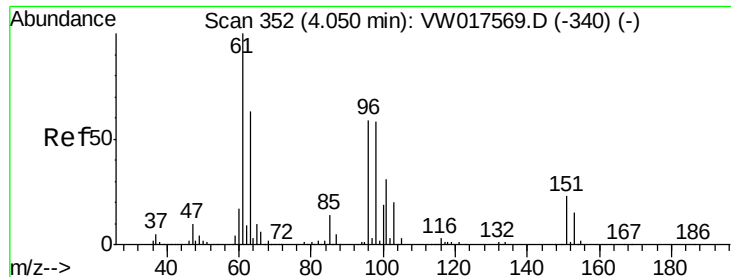
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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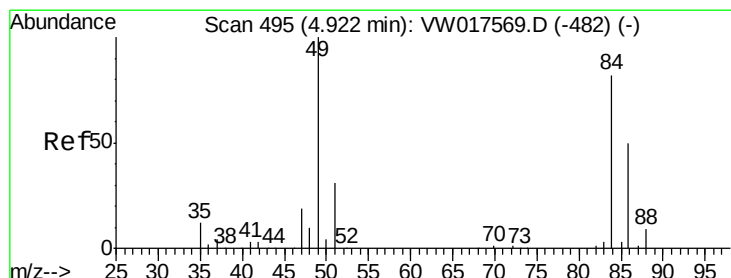
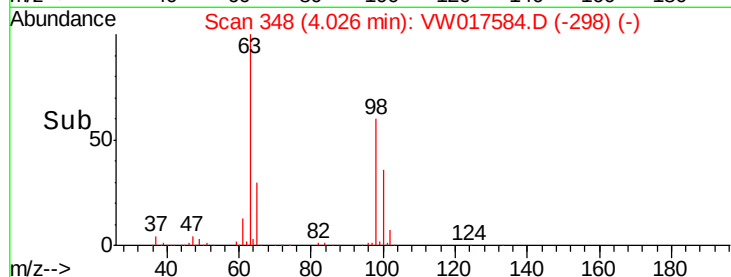
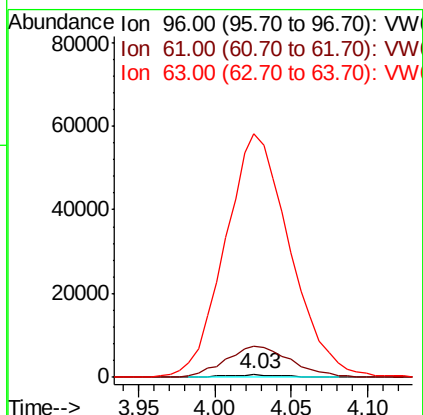
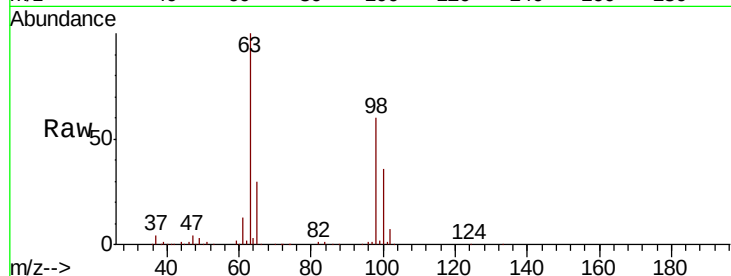




#12
 1,1-Dichloroethene
 Concen: 0.387 ug/L
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW017584.D
 Acq: 07 Dec 2020 17:17

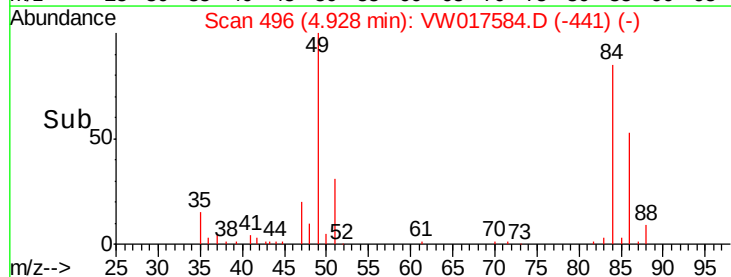
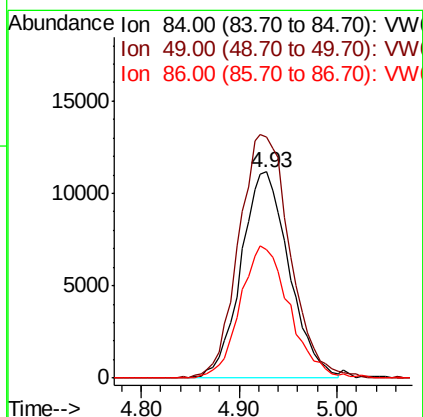
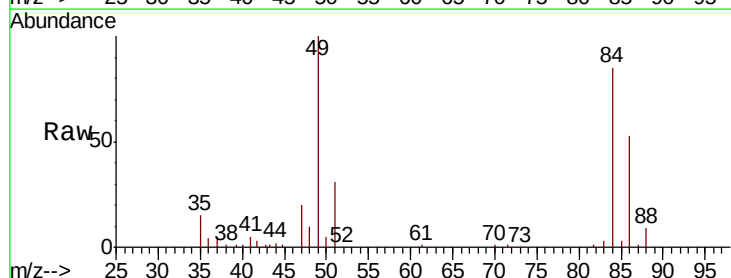
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK22

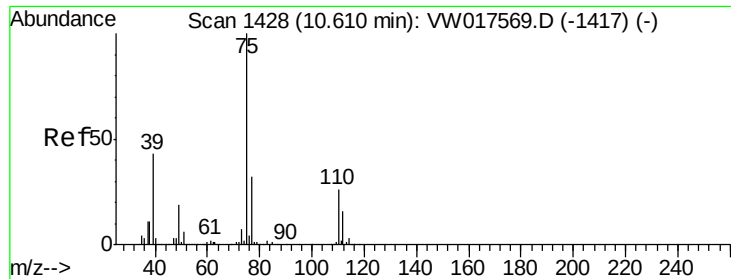
Tot Ion: 96 Resp: 1743
 Ion Ratio Lower Upper
 96 100
 61 969.5 112.5 208.9#
 63 7542.4 83.1 154.3#



#16
 Methylene chloride
 Concen: 7.831 ug/L
 RT: 4.93 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VW017584.D
 Acq: 07 Dec 2020 17:17

Tgt Ion: 84 Resp: 38120
 Ion Ratio Lower Upper
 84 100
 49 117.2 81.2 150.8
 86 62.4 44.5 82.7





#45

trans-1,3-Dichloropropene

Concen: 0.495 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017584.D

Acq: 07 Dec 2020 17:17

Instrument :

MSVOA_W

ClientSampleId :

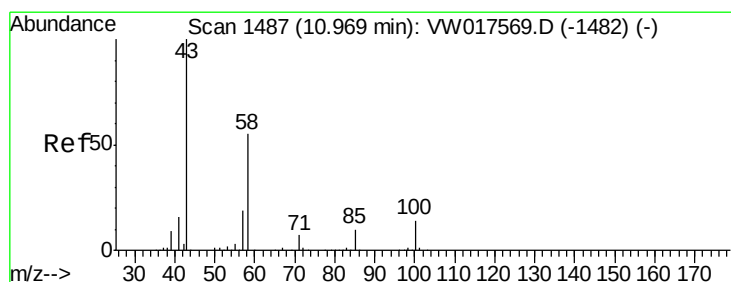
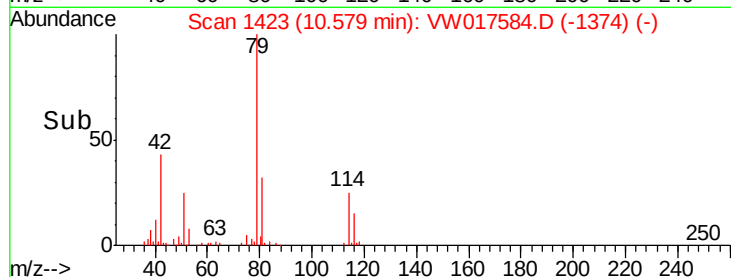
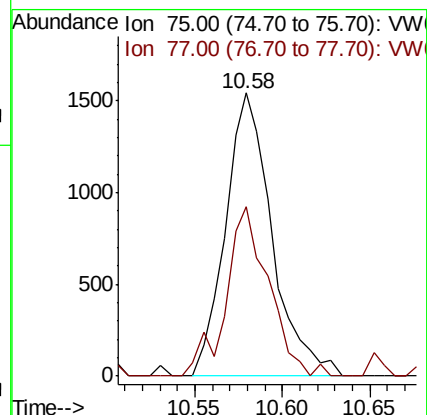
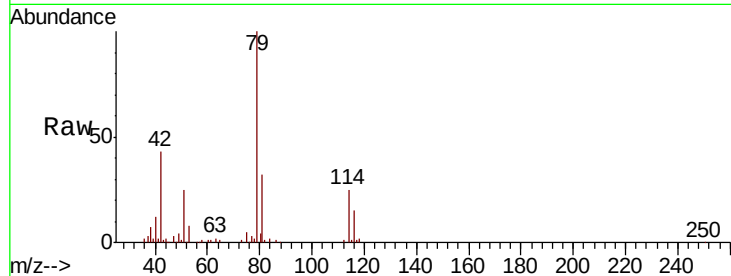
VIBLK22

Tot Ion: 75 Resp: 2845

Ion Ratio Lower Upper

75 100

77 59.8 22.6 42.0#



#49

2-Hexanone

Concen: 0.571 ug/L

RT: 10.98 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW017584.D

Acq: 07 Dec 2020 17:17

Tgt Ion: 43 Resp: 837

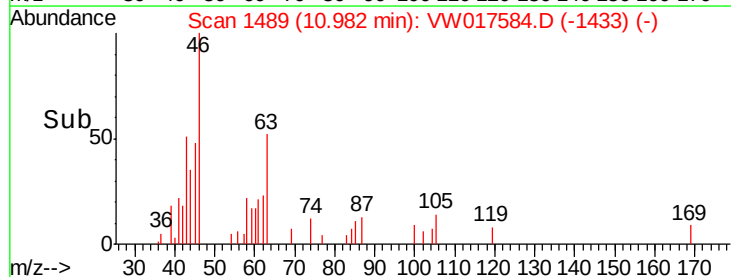
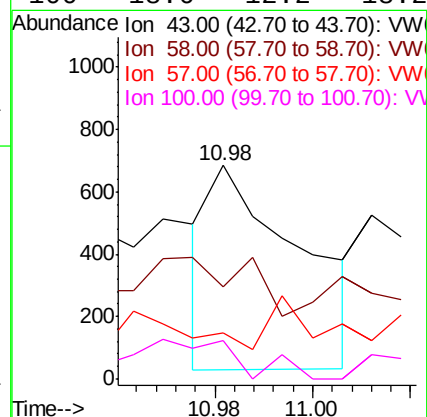
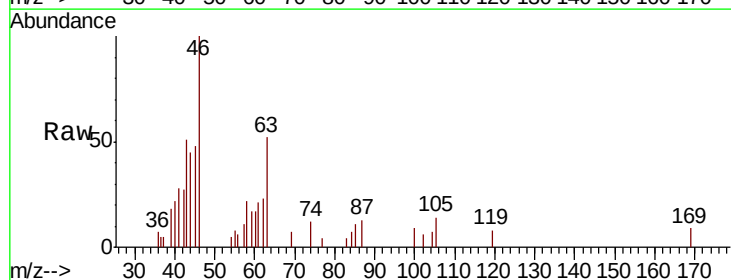
Ion Ratio Lower Upper

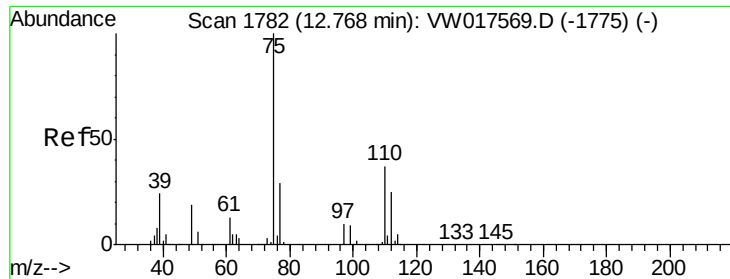
43 100

58 48.3 51.3 76.9#

57 33.6 15.0 22.6#

100 18.6 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 6.744 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017584.D

Acq: 07 Dec 2020 17:17

Instrument :

MSVOA_W

ClientSampleId :

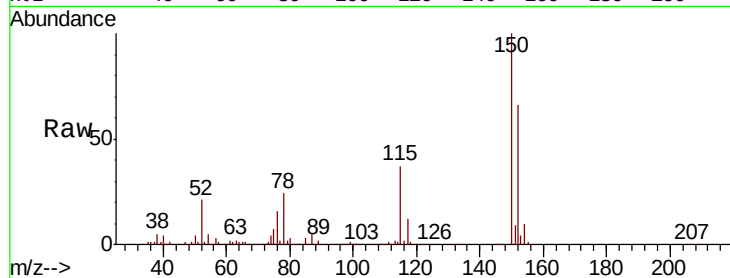
VIBLK22

Tot Ion: 75 Resp: 17477

Ion Ratio Lower Upper

75 100

77 35.2 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

