

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019043.D
 Acq On : 21 Oct 2020 12:38
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK61

Quant Time: Oct 22 06:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 06:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	220171	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	227098	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120842	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82193	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.70%
7) Chloroethane-d5	1.58	69	70668	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.42%
11) 1,1-Dichloroethene-d2	2.12	63	123475	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	3.91	46	105042	83.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.15%
24) Chloroform-d	4.38	84	127269	39.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.16%
26) 1,2-Dichloroethane-d4	5.06	65	94996	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
32) Benzene-d6	5.08	84	248410	37.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.94%
36) 1,2-Dichloropropane-d6	6.09	67	78999	37.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.54%
41) Toluene-d8	7.34	98	261326	43.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.88%
43) trans-1,3-Dichloropropene-	7.64	79	46133	44.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.06%
47) 2-Hexanone-d5	8.11	63	57797	73.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	95049	38.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	105100	42.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.50%

Target Compounds

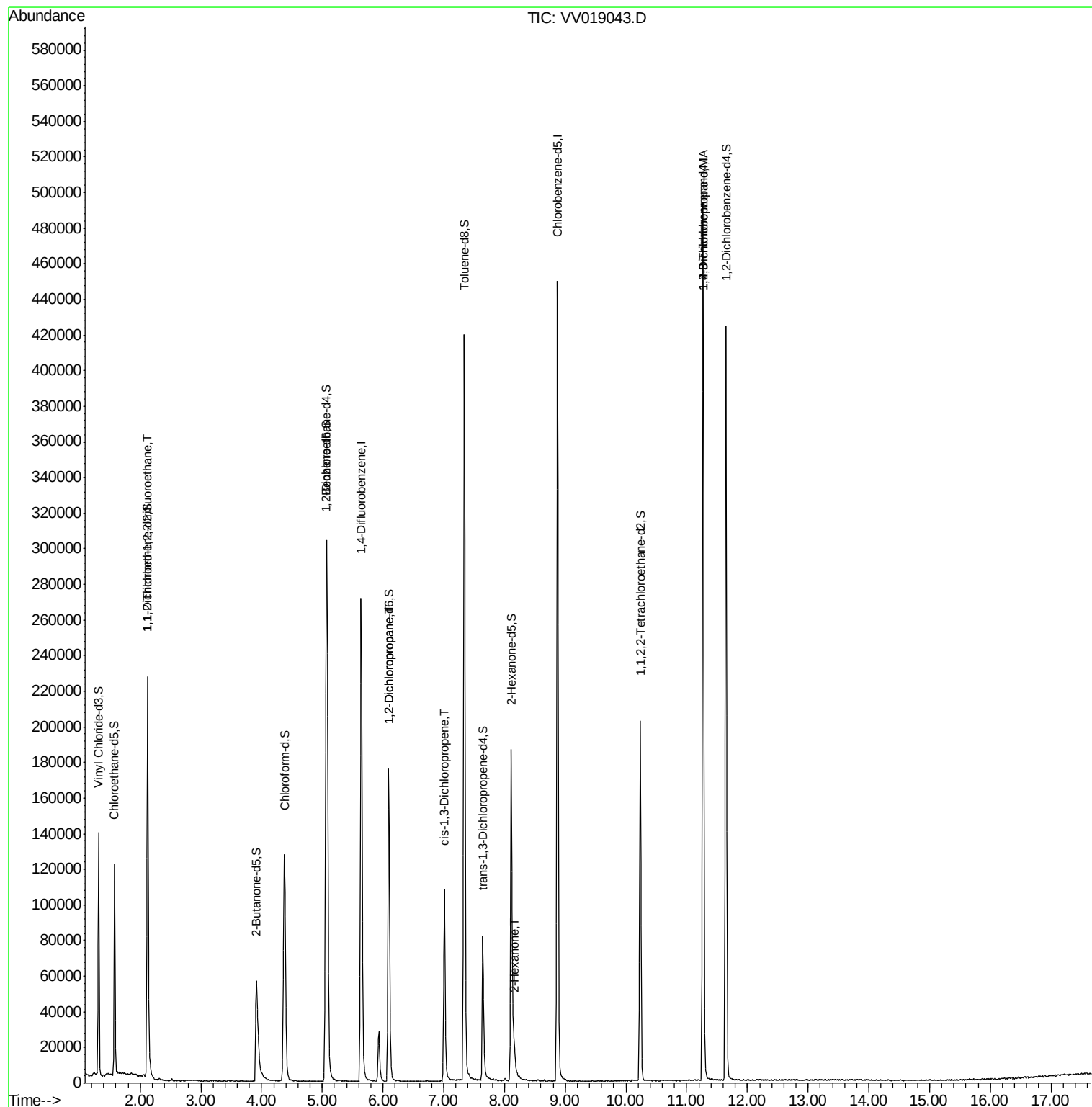
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1094	0.766 ug/L #	20
37) 1,2-Dichloropropane	6.09	63	9675	5.192 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	2794	0.998 ug/L #	48
48) 2-Hexanone	8.16	43	7379	3.621 ug/L #	91
59) 1,2,3-Trichloropropane	11.27	75	16010	7.097 ug/L	90

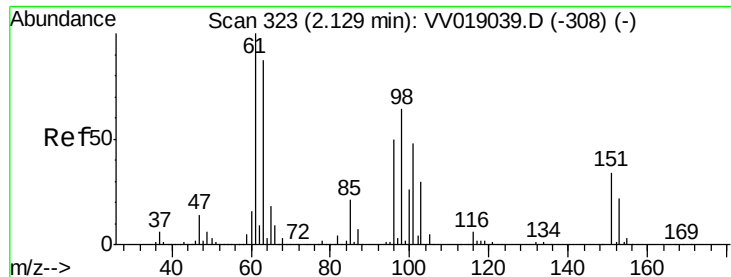
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.766 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019043.D

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Instrument :

MSVOA_V

ClientSampled :

VIBLK61

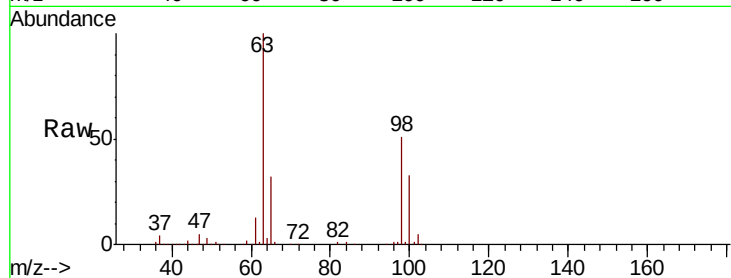
Tot Ion:101 Resp: 1094

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

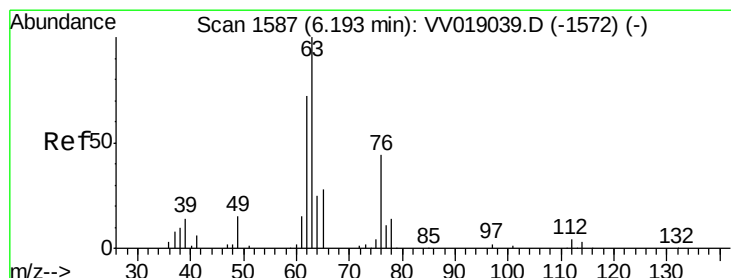
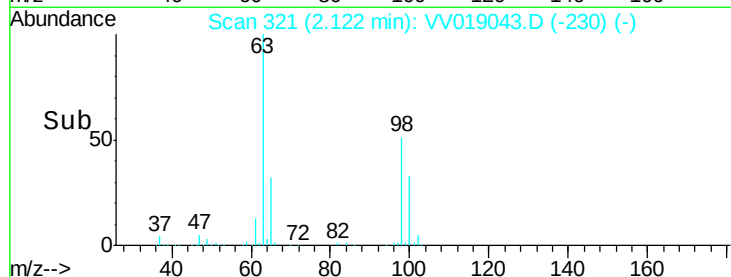
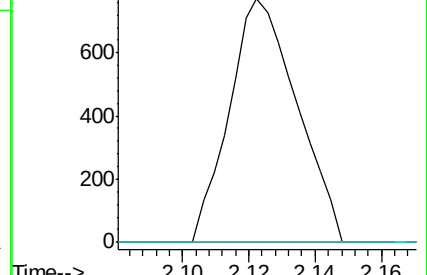
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#37

1,2-Dichloropropane

Concen: 5.192 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV019043.D

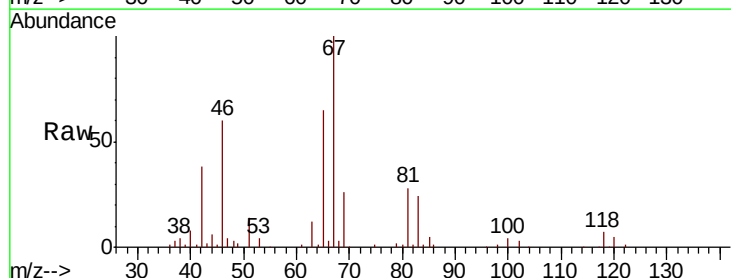
Acq: 21 Oct 2020 12:38

Tgt Ion: 63 Resp: 9675

Ion Ratio Lower Upper

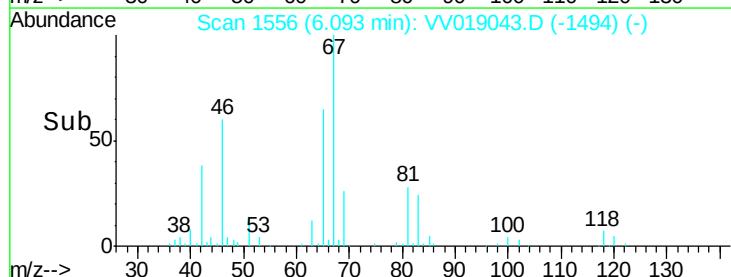
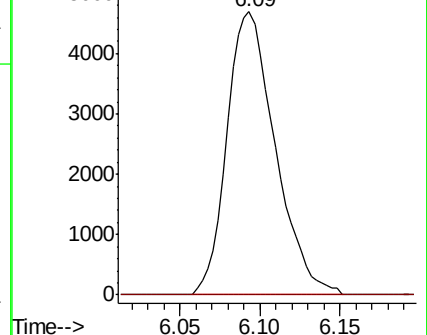
63 100

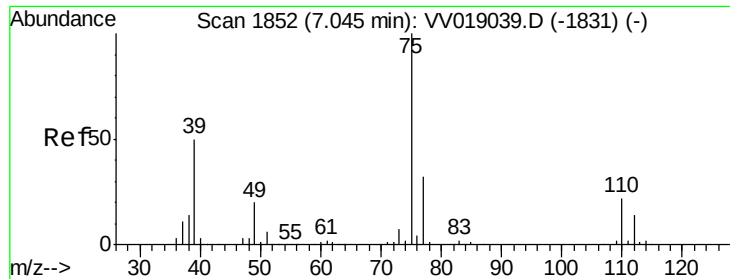
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

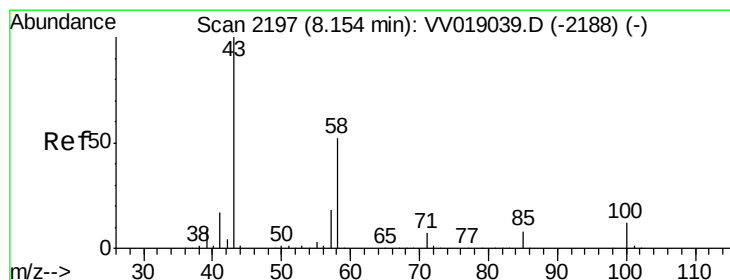
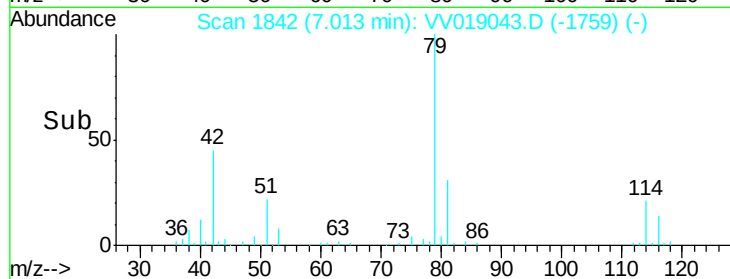
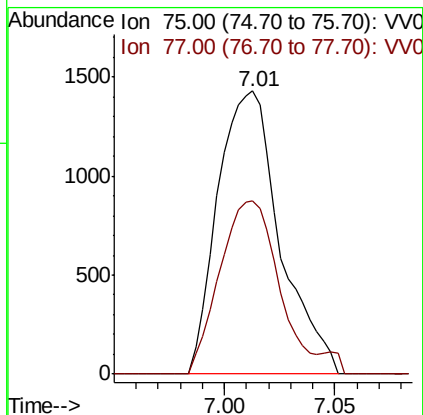
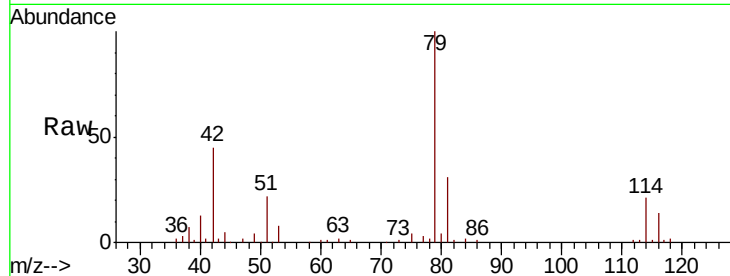




#39
 cis-1,3-Dichloropropene
 Concen: 0.998 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: VV019043.D
 Acq: 21 Oct 2020 12:38

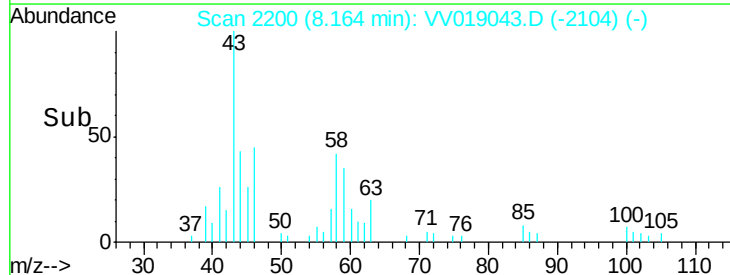
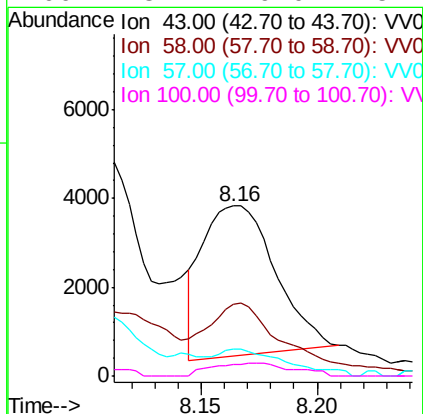
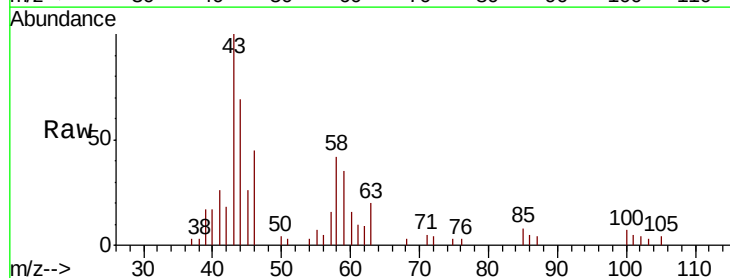
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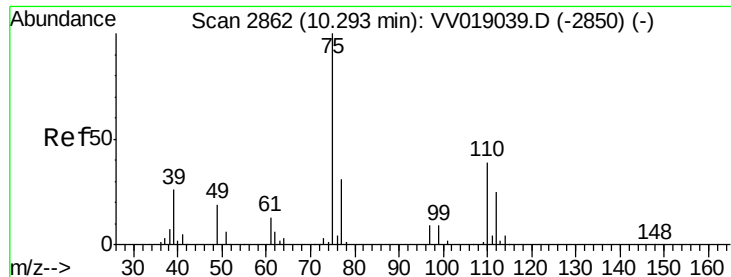
Tot Ion: 75 Resp: 2794
 Ion Ratio Lower Upper
 75 100
 77 61.2 22.5 41.9#



#48
 2-Hexanone
 Concen: 3.621 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV019043.D
 Acq: 21 Oct 2020 12:38

Tgt Ion: 43 Resp: 7379
 Ion Ratio Lower Upper
 43 100
 58 47.9 42.5 63.7
 57 11.1 14.5 21.7#
 100 8.1 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 7.097 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019043.D

Acq: 21 Oct 2020 12:38

Instrument :

MSVOA_V

ClientSampleId :

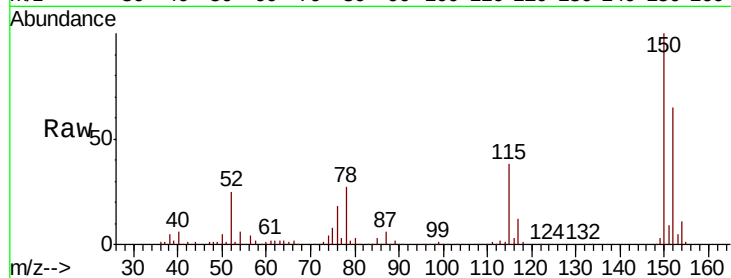
VIBLK61

Tot Ion: 75 Resp: 16010

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

