

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
 Data File : VV019119.D
 Acq On : 26 Oct 2020 15:09
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK70

Quant Time: Oct 27 07:16:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 07:08:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	266707	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	262324	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90949	37.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.08%
7) Chloroethane-d5	1.58	69	79402	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.42%
11) 1,1-Dichloroethene-d2	2.12	63	148295	32.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.36%
21) 2-Butanone-d5	3.91	46	144328	88.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.57%
24) Chloroform-d	4.38	84	189106	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	5.06	65	135085	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
32) Benzene-d6	5.07	84	358977	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
36) 1,2-Dichloropropane-d6	6.09	67	112699	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.72%
41) Toluene-d8	7.34	98	309755	43.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.34%
43) trans-1,3-Dichloropropene-	7.64	79	56682	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.12%
47) 2-Hexanone-d5	8.11	63	100760	89.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	148165	42.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	127213	49.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.16%

Target Compounds

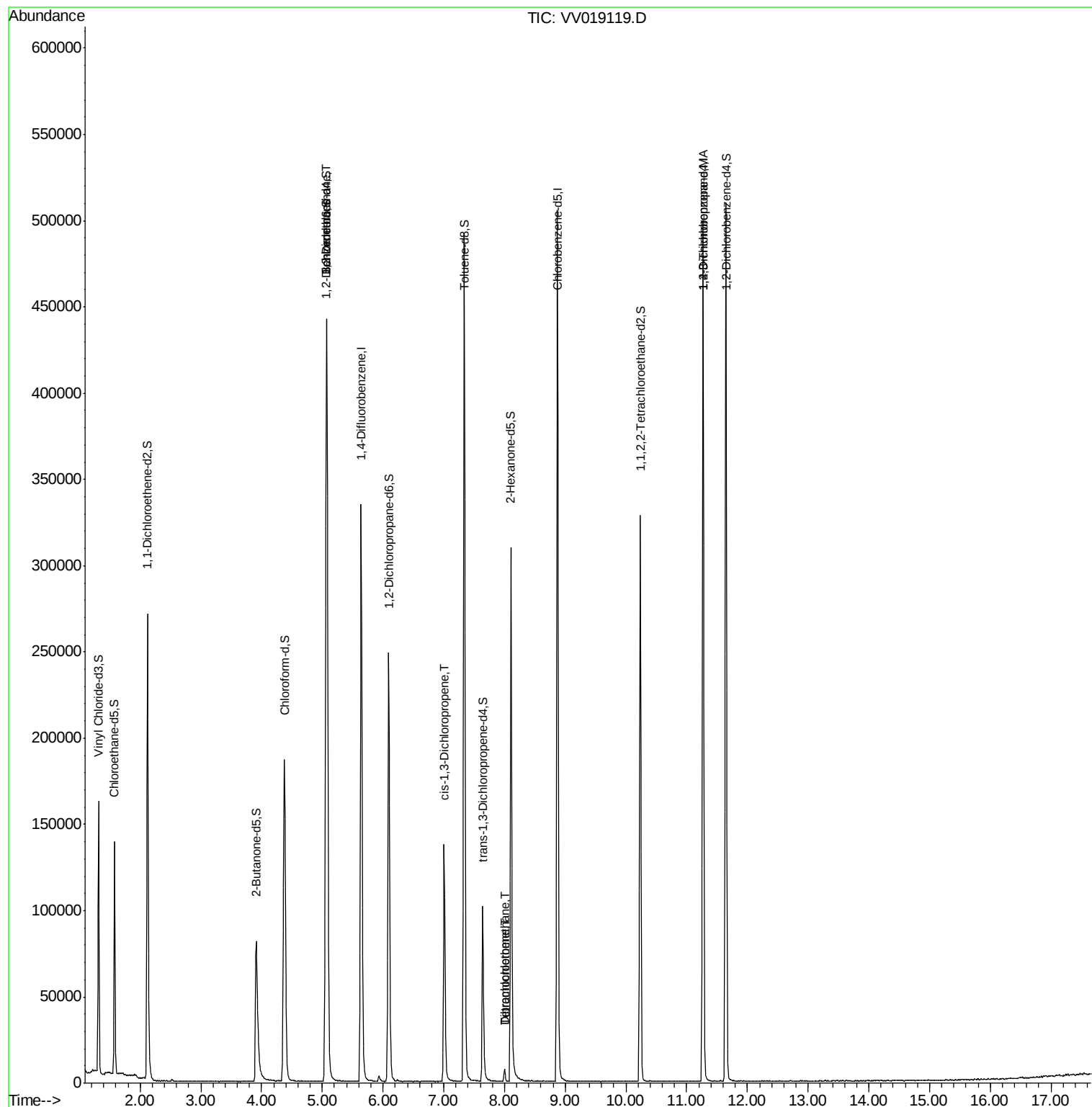
					Ovalue
27) 1,2-Dichloroethane	5.08	62	2680	0.862 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	3523	1.078 ug/L #	58
46) Tetrachloroethene	8.00	164	1742	1.119 ug/L	92
49) Dibromochloromethane	8.00	129	1410	0.661 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	14142	5.471 ug/L	90

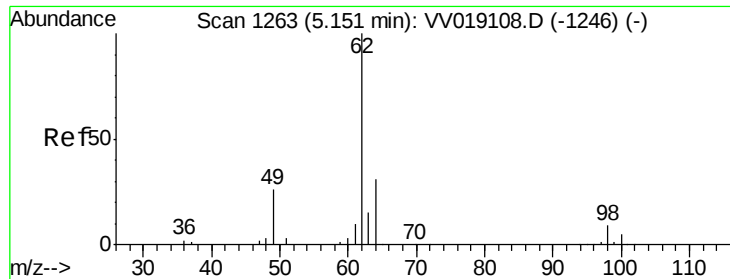
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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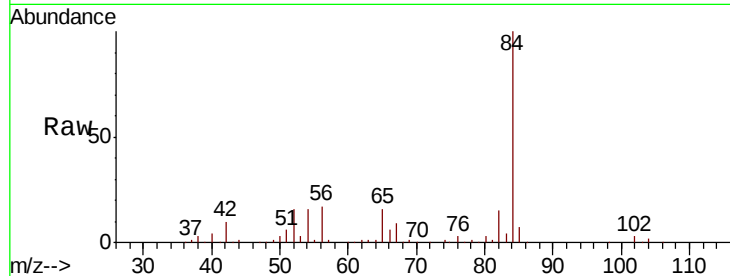




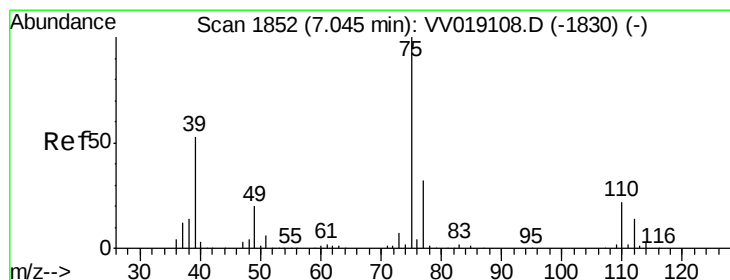
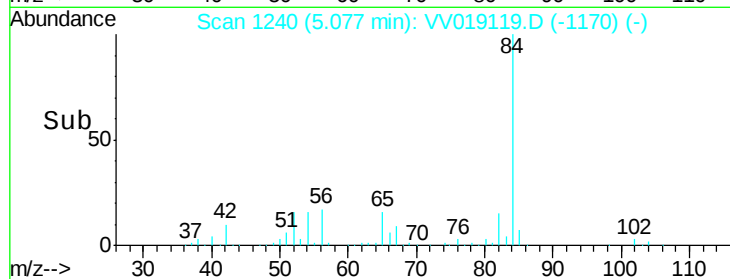
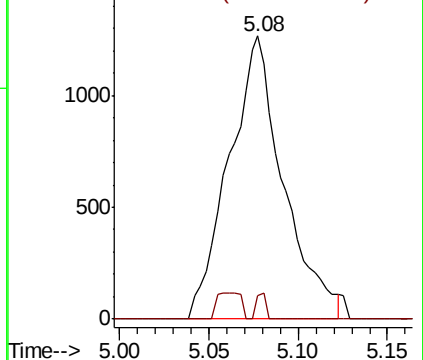
#27
 1,2-Dichloroethane
 Concen: 0.862 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.07 min
 Lab File: VV019119.D
 Acq: 26 Oct 2020 15:09

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK70

Tot Ion: 62 Resp: 2680
 Ion Ratio Lower Upper
 62 100
 98 8.5 6.9 10.3

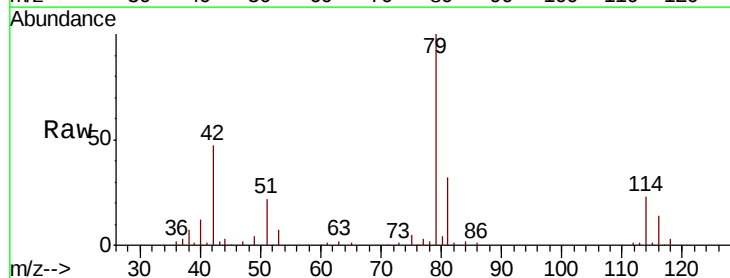


Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

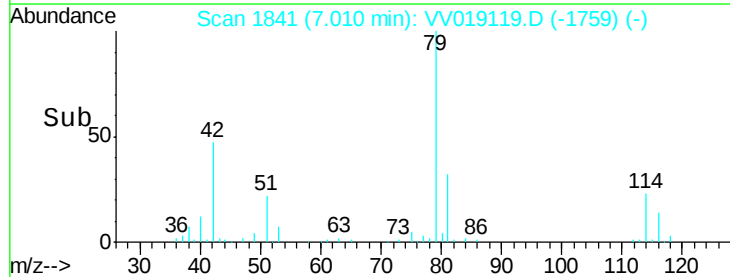
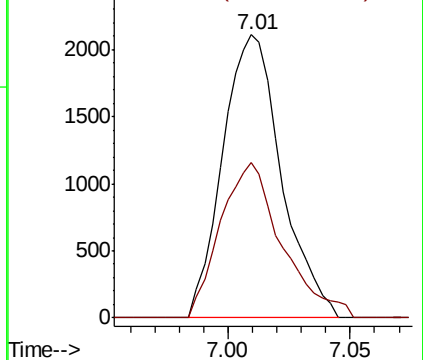


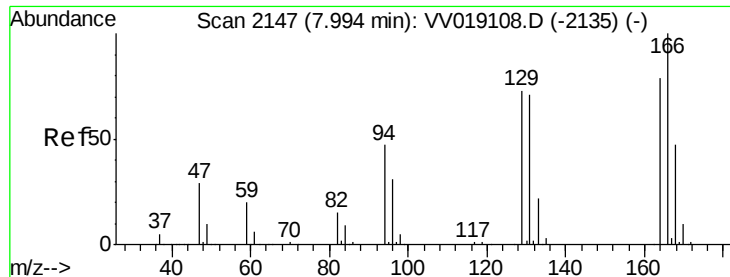
#39
 cis-1,3-Dichloropropene
 Concen: 1.078 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019119.D
 Acq: 26 Oct 2020 15:09

Tgt Ion: 75 Resp: 3523
 Ion Ratio Lower Upper
 75 100
 77 54.8 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 1.119 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV019119.D

Acq: 26 Oct 2020 15:09

Instrument :

MSVOA_V

ClientSampleId :

VIBLK70

Tot Ion:164 Resp: 1742

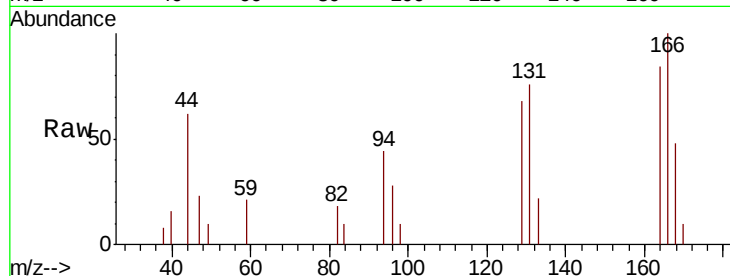
Ion Ratio Lower Upper

164 100

129 81.0 65.5 121.6

131 89.5 62.4 115.8

166 118.4 90.0 167.2

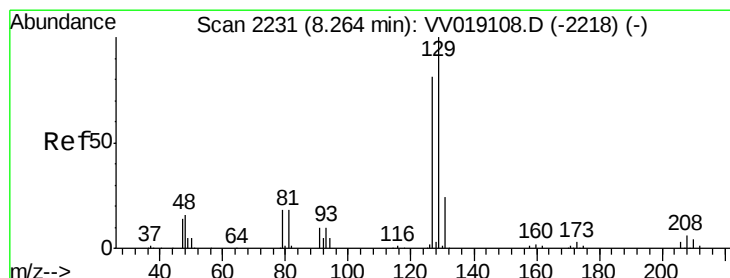
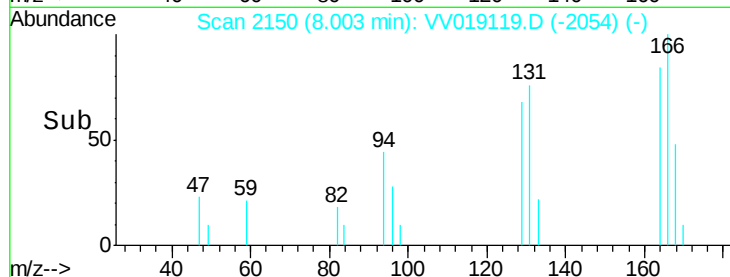
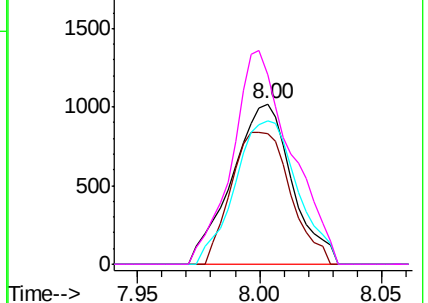


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 0.661 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.26 min

Lab File: VV019119.D

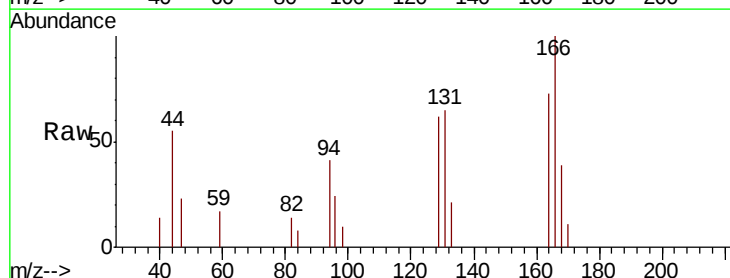
Acq: 26 Oct 2020 15:09

Tgt Ion:129 Resp: 1410

Ion Ratio Lower Upper

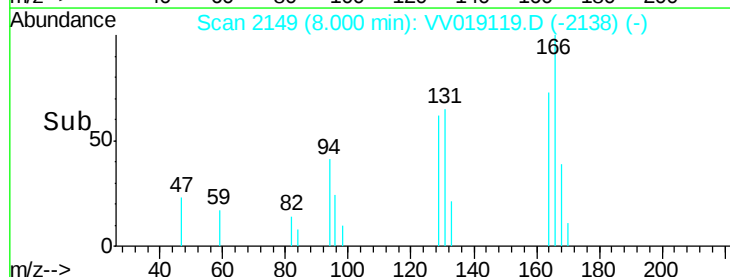
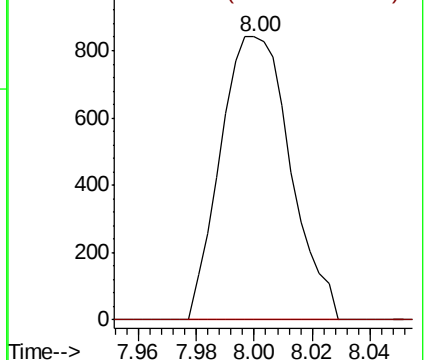
129 100

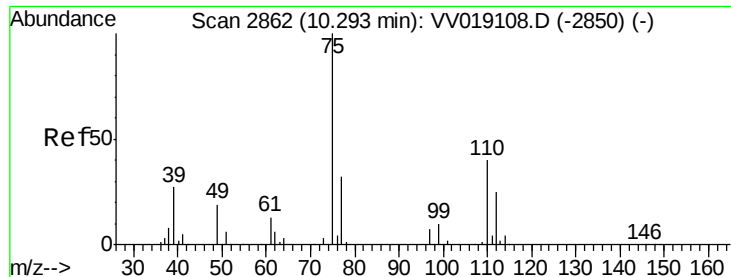
127 0.0 53.7 99.7#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.471 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV019119.D

Acq: 26 Oct 2020 15:09

Instrument :

MSVOA_V

ClientSampleId :

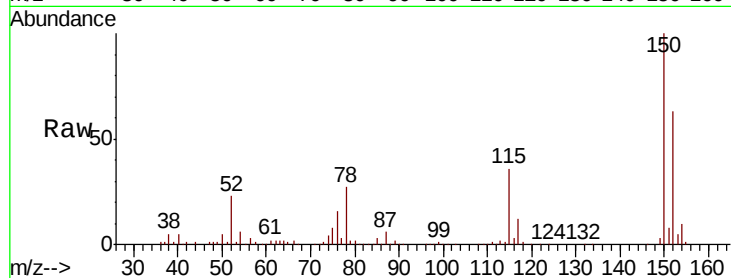
VIBLK70

Tot Ion: 75 Resp: 14142

Ion Ratio Lower Upper

75 100

77 37.9 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

