

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018859.D
 Acq On : 12 Oct 2020 16:18
 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 13 01:11:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 01:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346864	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342479	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157899	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136577	43.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.66%
7) Chloroethane-d5	1.58	69	109885	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.64%
11) 1,1-Dichloroethene-d2	2.12	63	196753	32.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.76%
21) 2-Butanone-d5	3.91	46	191676	99.05	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.05%
24) Chloroform-d	4.38	84	241171	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.74%
26) 1,2-Dichloroethane-d4	5.06	65	167480	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
32) Benzene-d6	5.07	84	484686	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
36) 1,2-Dichloropropane-d6	6.09	67	158229	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.06%
41) Toluene-d8	7.34	98	426545	43.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.64	79	72224	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.22%
47) 2-Hexanone-d5	8.11	63	106413	84.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172422	41.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	167811	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%

Target Compounds

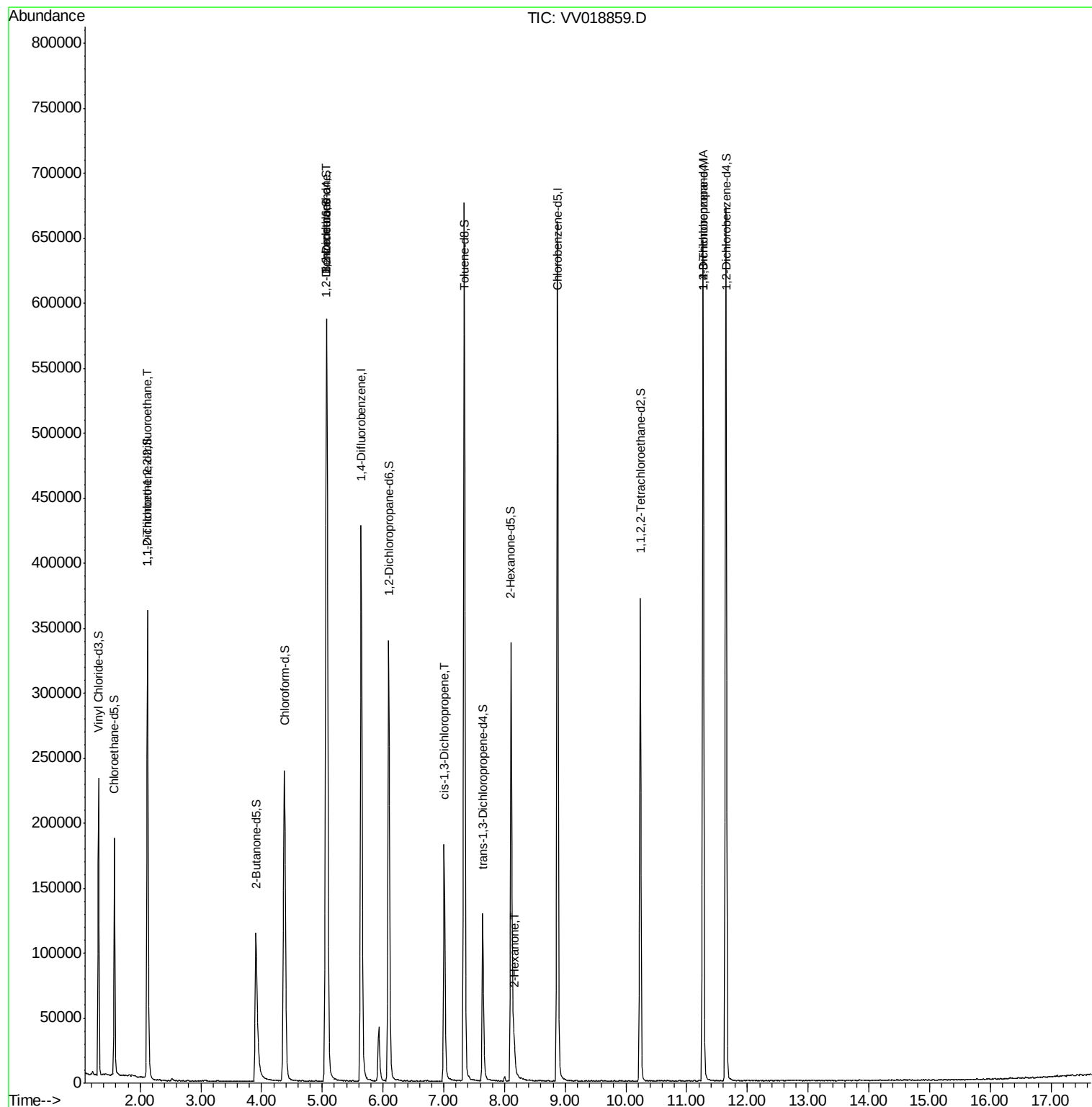
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1800	0.722 ug/L #	19
27) 1,2-Dichloroethane	5.07	62	2890	0.696 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	4806	1.140 ug/L #	55
48) 2-Hexanone	8.16	43	13911	4.543 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	18977	5.344 ug/L #	88

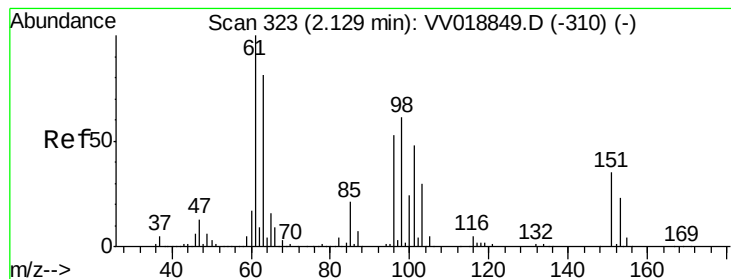
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.722 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018859.D

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ClientSampleId :

VIBLK61

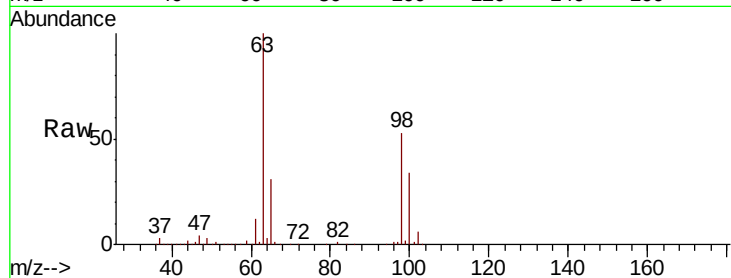
Tot Ion:101 Resp: 1800

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

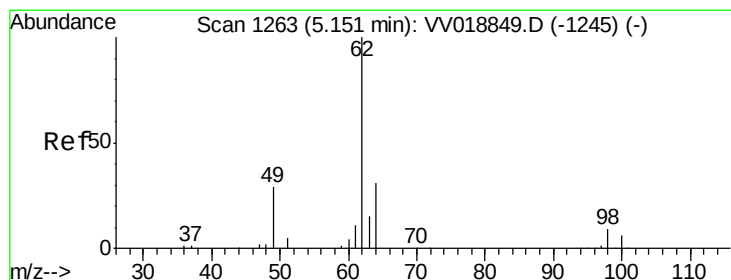
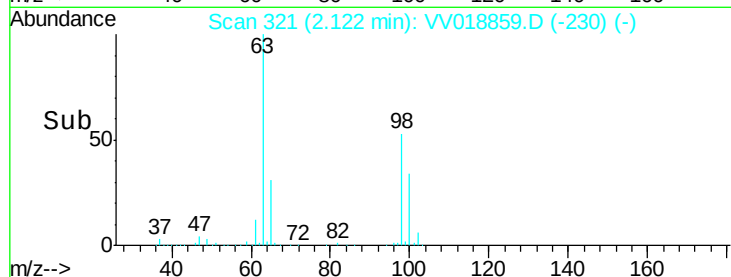
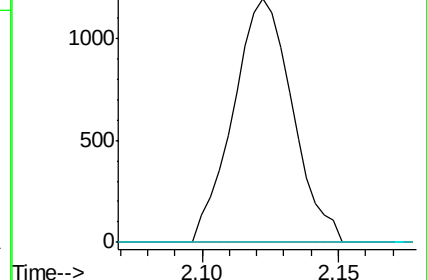
151 0.0 59.8 89.8#



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



#27

1,2-Dichloroethane

Concen: 0.696 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018859.D

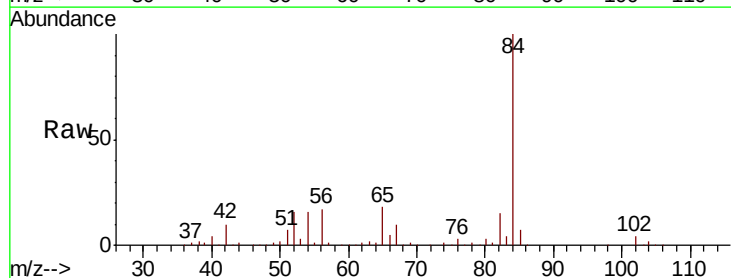
Acq: 12 Oct 2020 16:18

Tgt Ion: 62 Resp: 2890

Ion Ratio Lower Upper

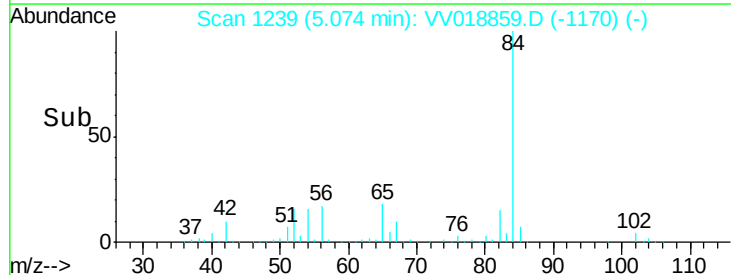
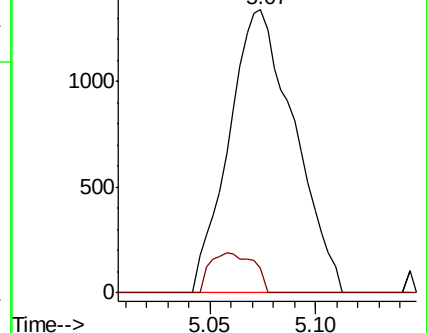
62 100

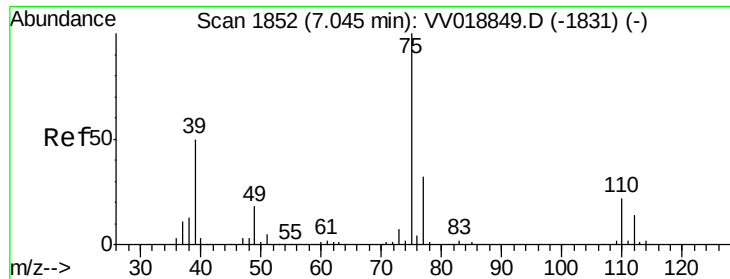
98 8.7 6.6 10.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

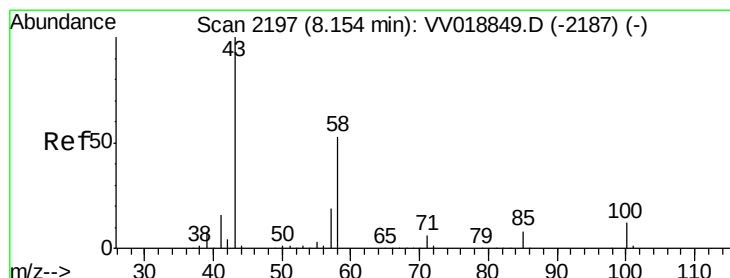
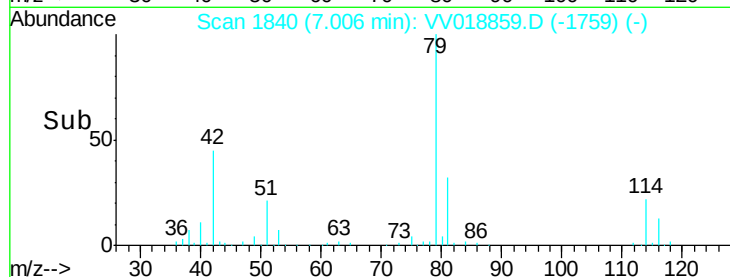
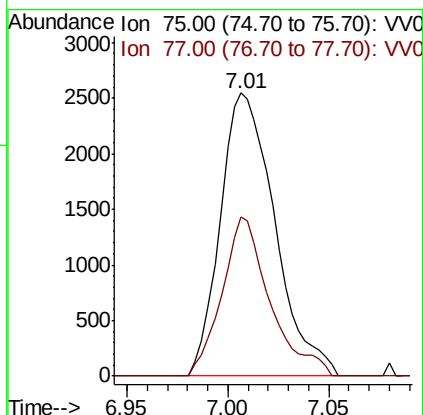
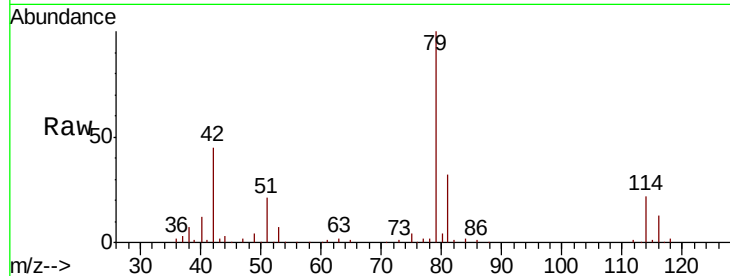




#39
 cis-1,3-Dichloropropene
 Concen: 1.140 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018859.D
 Acq: 12 Oct 2020 16:18

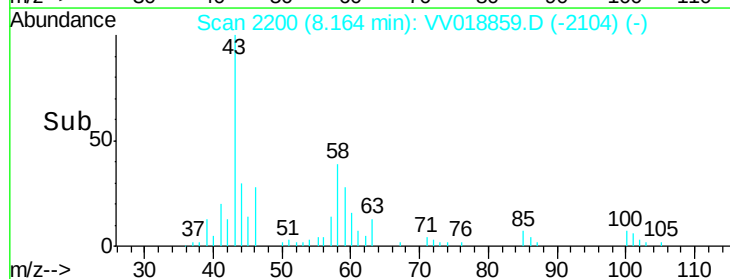
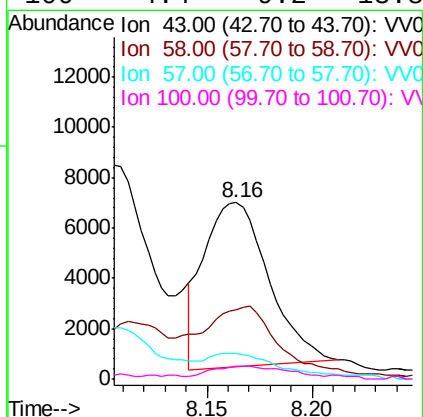
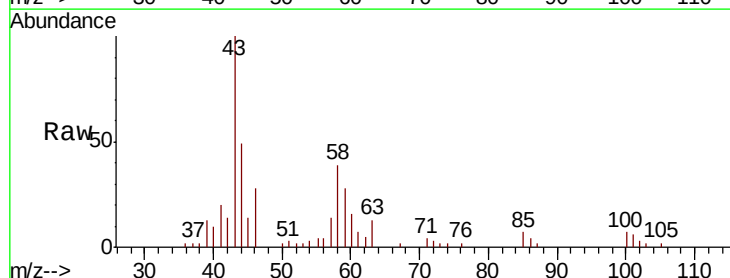
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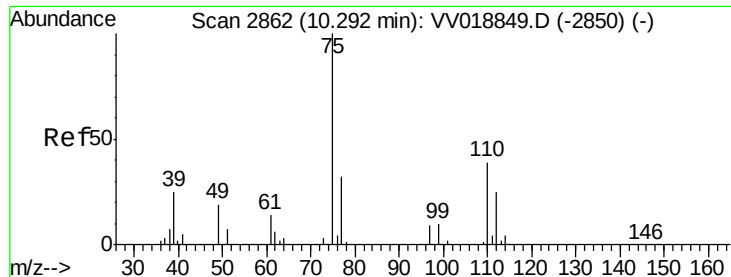
Tot Ion: 75 Resp: 4806
 Ion Ratio Lower Upper
 75 100
 77 56.2 21.8 40.6#



#48
 2-Hexanone
 Concen: 4.543 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018859.D
 Acq: 12 Oct 2020 16:18

Tgt Ion: 43 Resp: 13911
 Ion Ratio Lower Upper
 43 100
 58 41.0 41.8 62.8#
 57 18.2 14.9 22.3
 100 4.4 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 5.344 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018859.D

Acq: 12 Oct 2020 16:18

Instrument :

MSVOA_V

ClientSampleId :

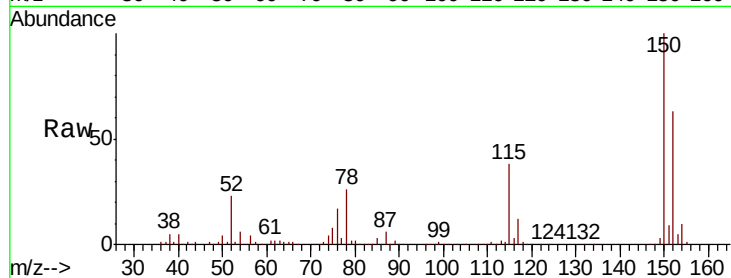
VIBLK61

Tot Ion: 75 Resp: 18977

Ion Ratio Lower Upper

75 100

77 38.9 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

