

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120320\
 Data File : VV019459.D
 Acq On : 03 Dec 2020 16:02
 Operator : SY/MD
 Sample : VV1203WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK91

Quant Time: Dec 04 08:04:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 08:04:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	334560	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329366	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148464	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103809	31.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.14%
7) Chloroethane-d5	1.58	69	100516	36.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.92%
11) 1,1-Dichloroethene-d2	2.12	63	181311	30.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.96%
21) 2-Butanone-d5	3.89	46	226144	111.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.04%
24) Chloroform-d	4.37	84	245787	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.05	65	176897	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
32) Benzene-d6	5.07	84	461056	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
36) 1,2-Dichloropropane-d6	6.09	67	164443	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.50%
41) Toluene-d8	7.33	98	375280	43.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.04%
43) trans-1,3-Dichloropropene-	7.64	79	71089	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.84%
47) 2-Hexanone-d5	8.10	63	119432	93.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.55%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	190893	45.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	145318	50.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

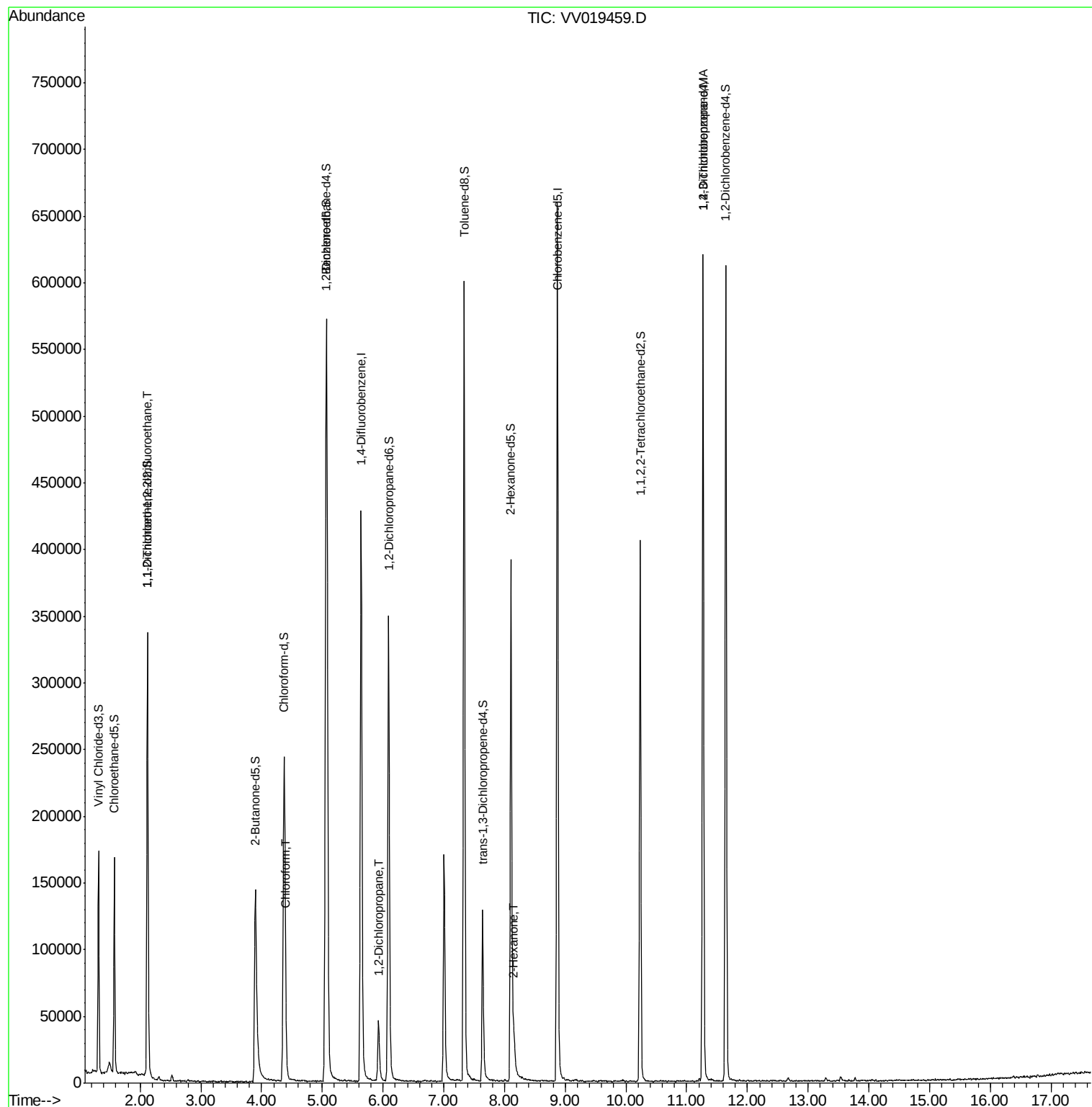
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1607	0.685 ug/L #	23
25) Chloroform	4.41	83	4696	0.937 ug/L	94
37) 1,2-Dichloropropane	5.93	63	3091	1.137 ug/L	98
48) 2-Hexanone	8.16	43	15592	5.135 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	21005	5.882 ug/L	96

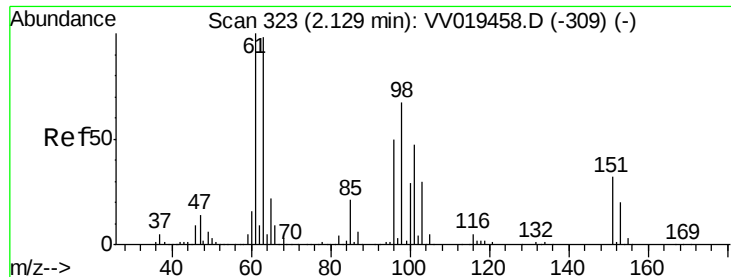
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.685 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019459.D

Acq: 03 Dec 2020 16:02

Instrument :

MSVOA_V

ClientSampleId :

VBLK91

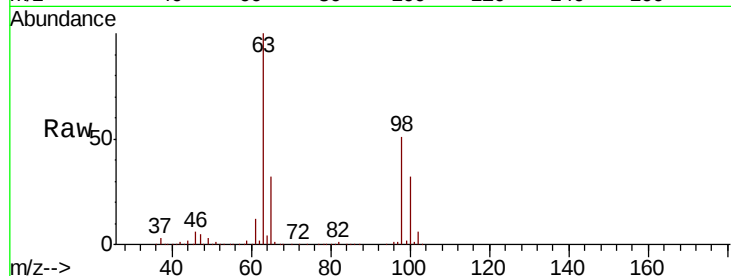
Tot Ion:101 Resp: 1607

Ion Ratio Lower Upper

101 100

85 5.7 35.5 53.3#

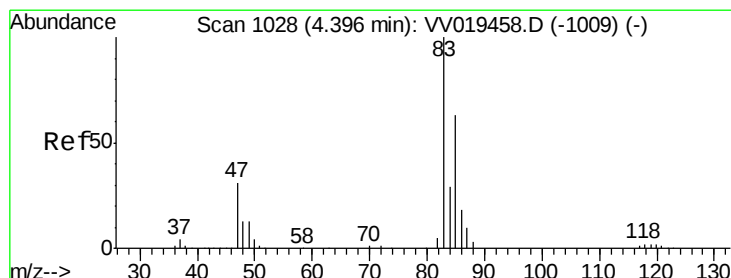
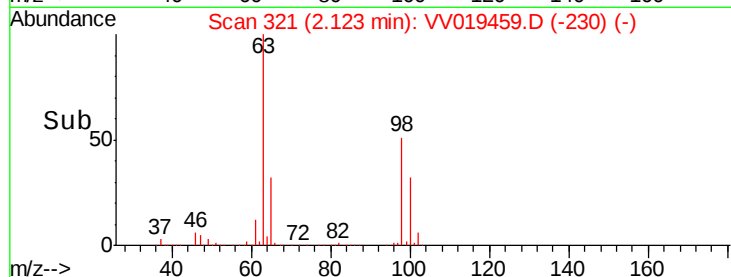
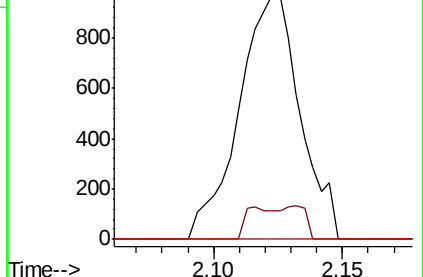
151 0.0 58.9 88.3#



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



#25

Chloroform

Concen: 0.937 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV019459.D

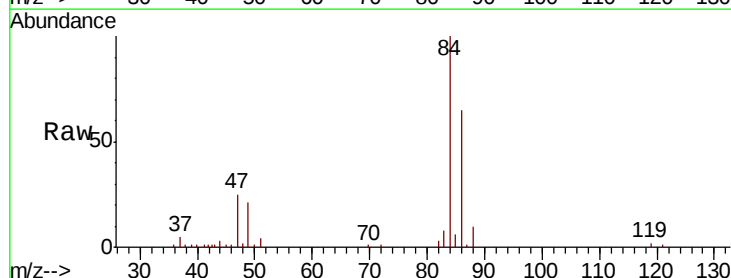
Acq: 03 Dec 2020 16:02

Tgt Ion: 83 Resp: 4696

Ion Ratio Lower Upper

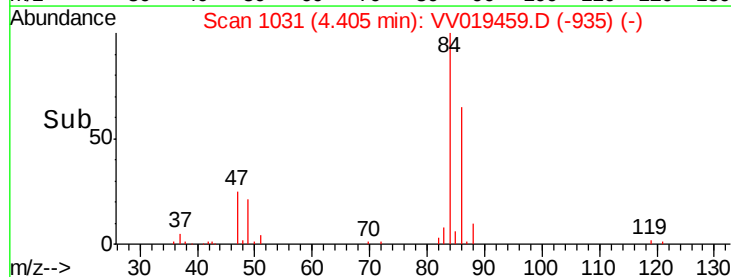
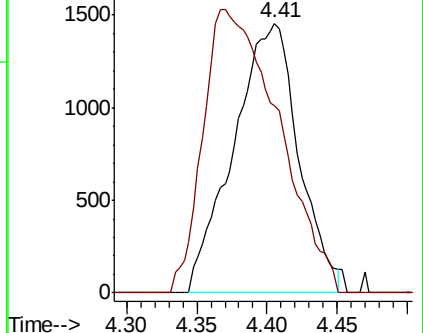
83 100

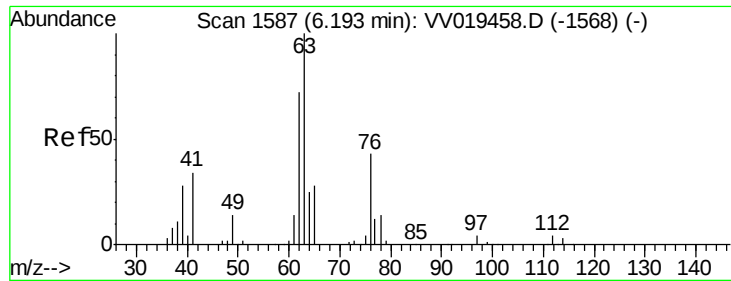
85 69.3 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

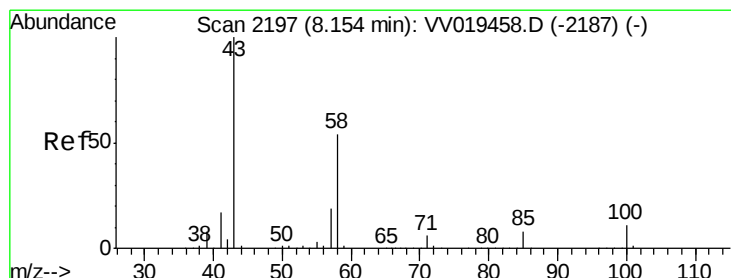
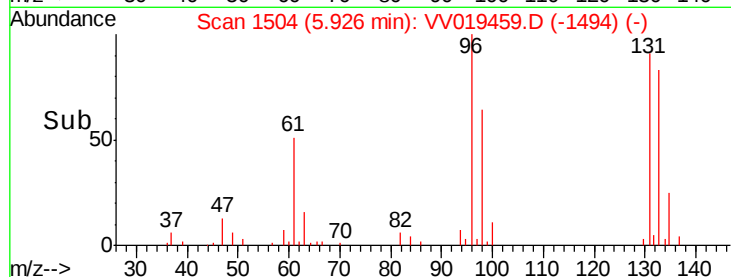
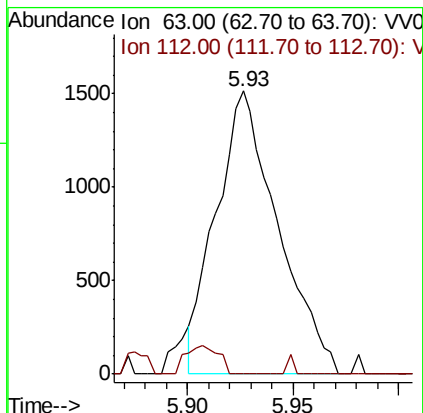
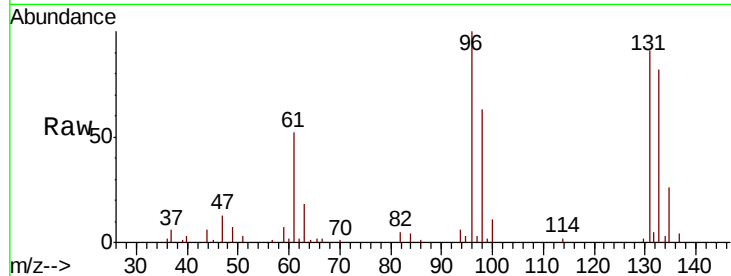




#37
 1,2-Dichloropropane
 Concen: 1.137 ug/L
 RT: 5.93 min Scan# 1504
 Delta R.T. -0.27 min
 Lab File: VV019459.D
 Acq: 03 Dec 2020 16:02

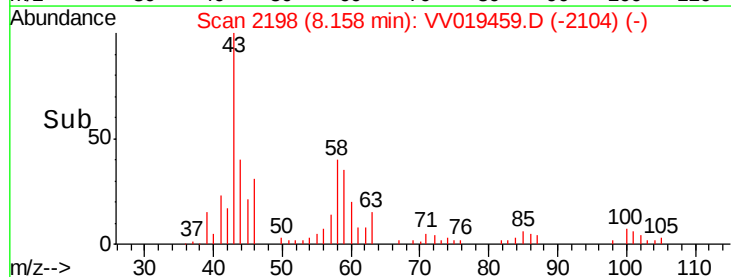
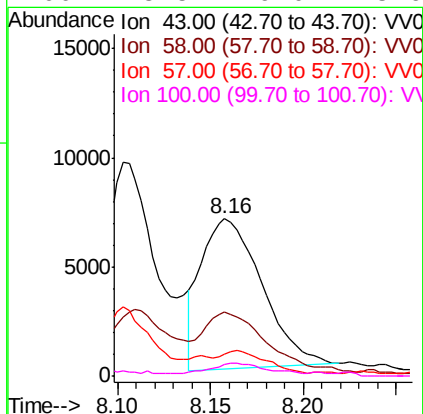
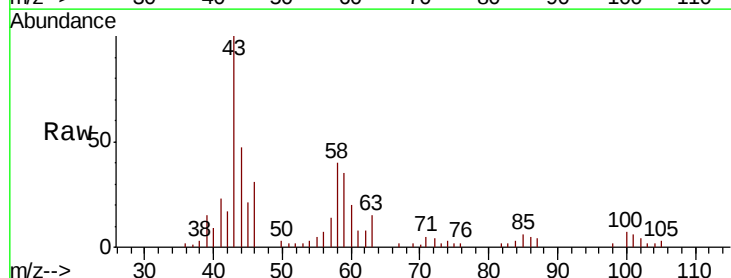
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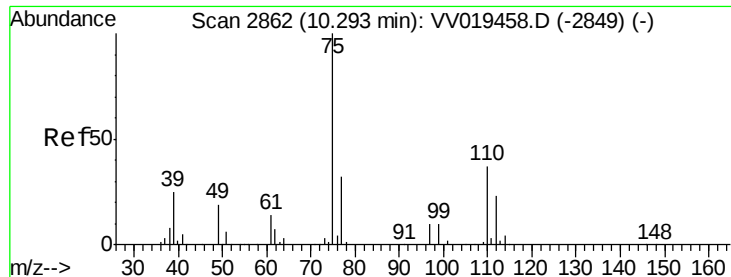
Tot Ion: 63 Resp: 3091
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.8 5.6



#48
 2-Hexanone
 Concen: 5.135 ug/L
 RT: 8.16 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VV019459.D
 Acq: 03 Dec 2020 16:02

Tgt Ion: 43 Resp: 15592
 Ion Ratio Lower Upper
 43 100
 58 38.3 43.8 65.6#
 57 9.7 15.4 23.2#
 100 5.5 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 5.882 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019459.D

Acq: 03 Dec 2020 16:02

Instrument :

MSVOA_V

ClientSampleId :

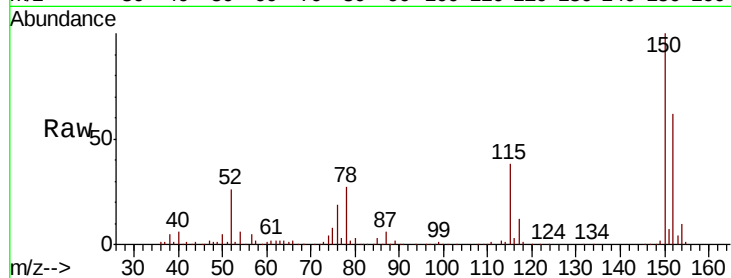
VBLK91

Tot Ion: 75 Resp: 21005

Ion Ratio Lower Upper

75 100

77 33.8 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

