

Data File : VR025636.D
Acq On : 24 Aug 2018 15:49
Operator : SY/MD
Sample : J4601-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

Quant Time: Aug 24 23:05:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 24 23:05:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	460521	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	381963	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	111595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	172180	5.74	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.80%
7) Chloroethane-d5	2.62	69	138242	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	3.62	63	292566	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	6.60	46	136924	59.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.90%
24) Chloroform-d	7.20	84	250417	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	7.90	65	87936	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	7.86	84	611203	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	8.90	67	166687	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	9.97	98	581856	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	10.24	79	34894	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	10.59	63	130855	53.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64944	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	110823	6.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.20%#

Target Compounds

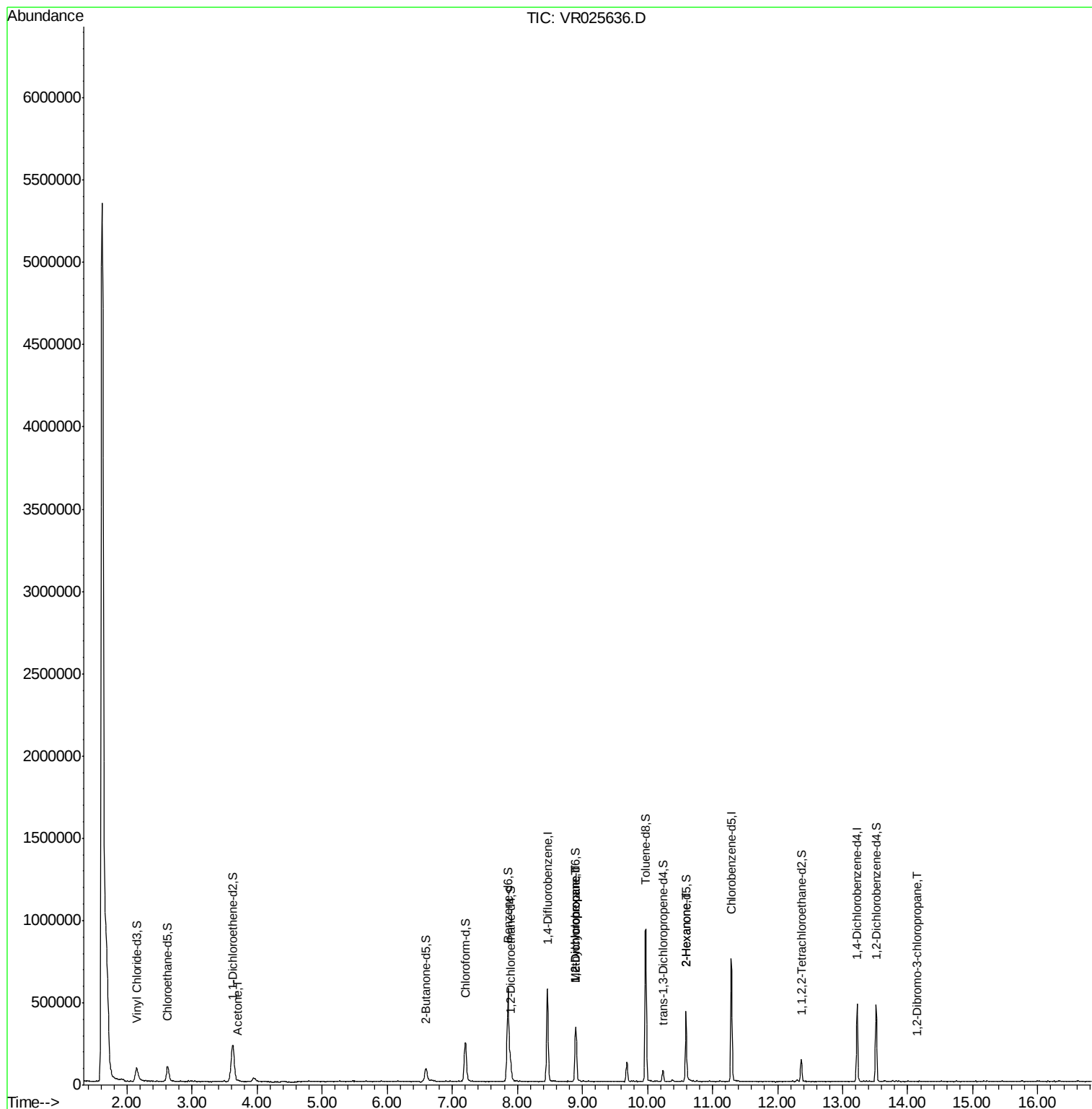
					Qvalue
13) Acetone	3.71	43	3291	2.313 ug/L	53
35) Methylcyclohexane	8.90	83	36169	0.696 ug/L #	23
37) 1,2-Dichloropropane	8.90	63	15682	0.512 ug/L #	95
48) 2-Hexanone	10.59	43	16930	3.274 ug/L #	63
66) 1,2-Dibromo-3-chloropropan	14.15	75	257	0.320 ug/L #	39

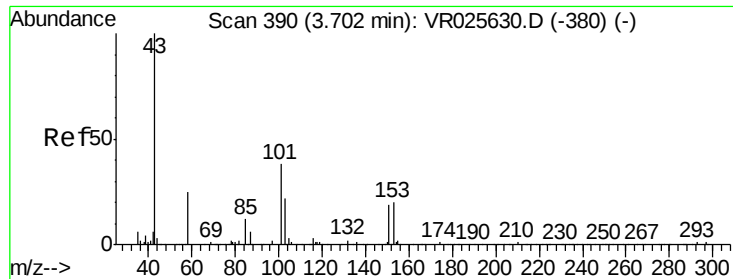
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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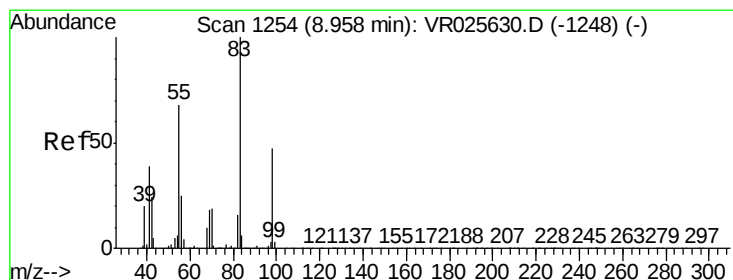
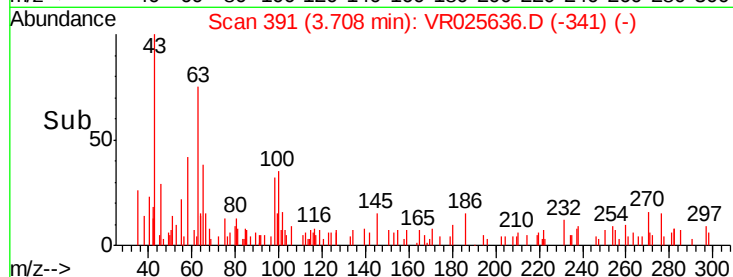
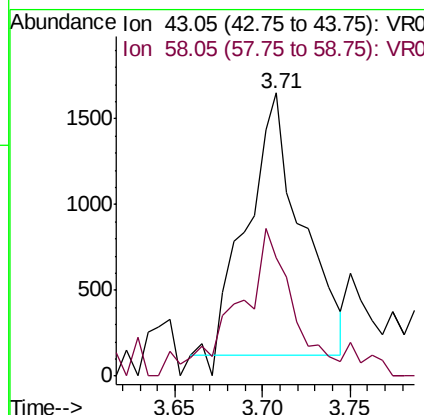
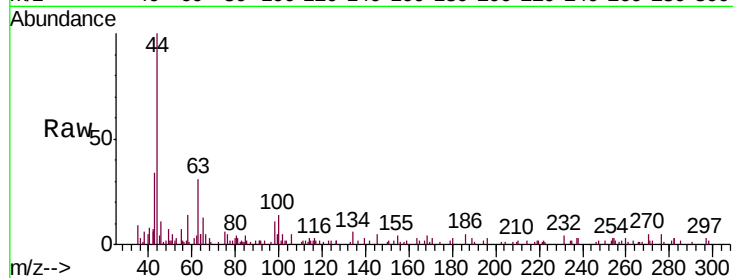




#13
Acetone
Concen: 2.313 ug/L
RT: 3.71 min Scan# 391
Delta R.T. 0.01 min
Lab File: VR025636.D
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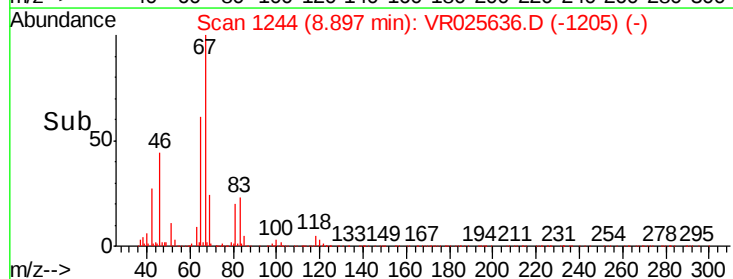
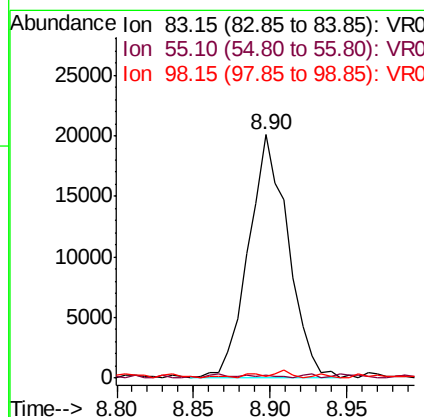
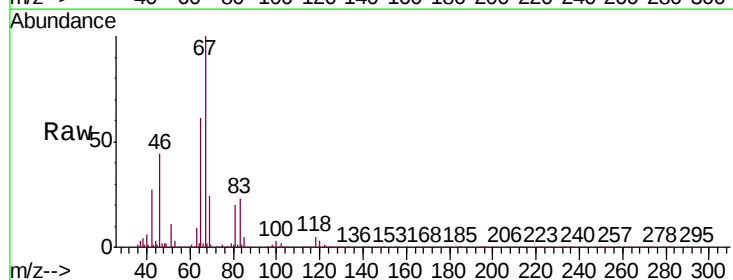
Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

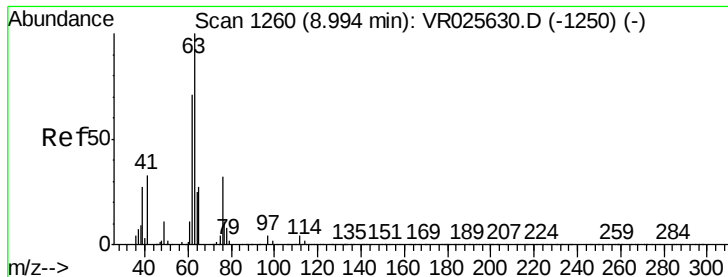
Tgt Ion: 43 Resp: 3291
Ion Ratio Lower Upper
43 100
58 57.7 0.0 63.4



#35
Methylcyclohexane
Concen: 0.696 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025636.D
Acq: 24 Aug 2018 15:49

Tgt Ion: 83 Resp: 36169
Ion Ratio Lower Upper
83 100
55 1.0 56.7 85.1#
98 2.5 35.8 53.8#





#37

1,2-Dichloropropane

Concen: 0.512 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025636.D

Acq: 24 Aug 2018 15:49

Instrument :

MSVOA_R

ClientSampleId :

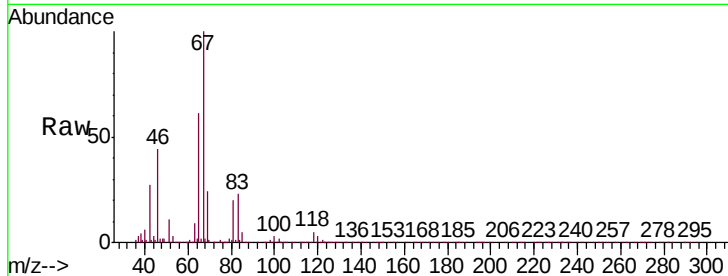
VHBLK01

Tgt Ion: 63 Resp: 15682

Ion Ratio Lower Upper

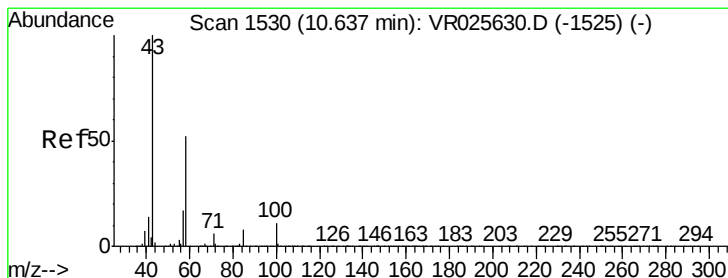
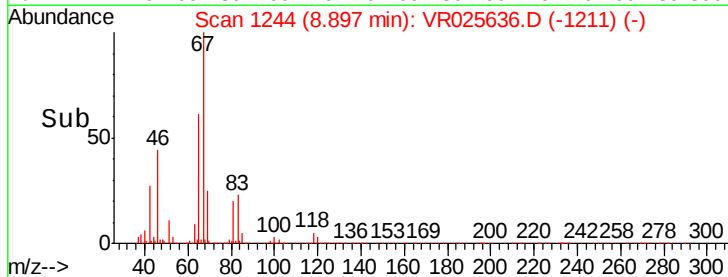
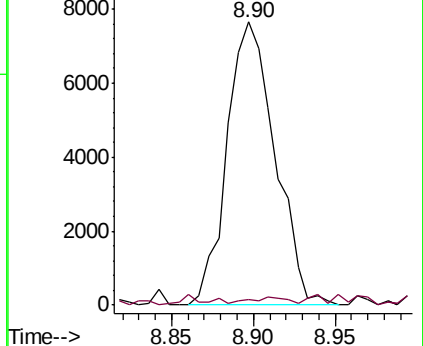
63 100

112 1.3 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 3.274 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 16930

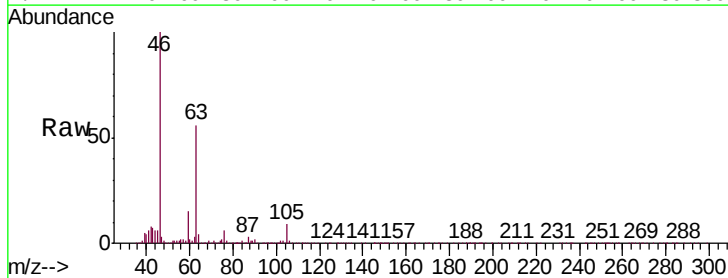
Ion Ratio Lower Upper

43 100

58 23.9 46.4 69.6#

57 29.2 14.3 21.5#

100 9.2 8.8 13.2

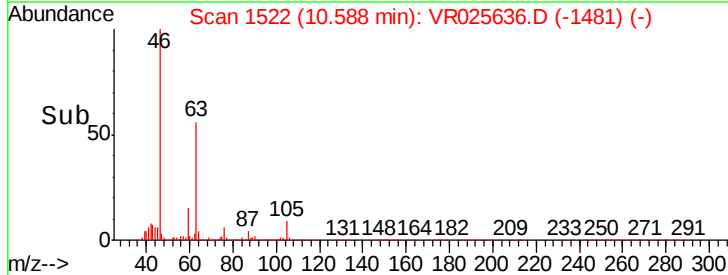
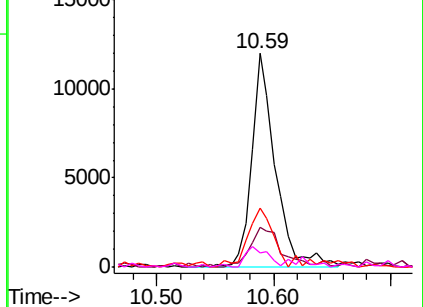


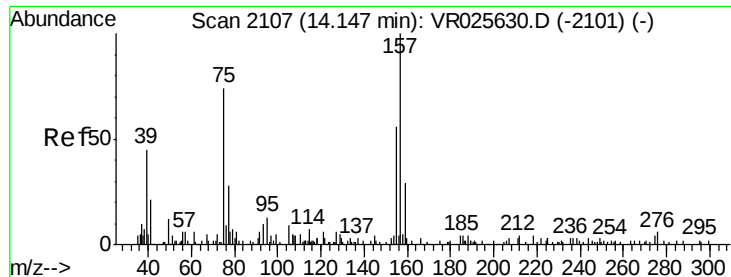
Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0





#66

1,2-Dibromo-3-chloropropane

Concen: 0.320 ug/L

RT: 14.15 min Scan# 2108

Delta R.T. 0.01 min

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Instrument :

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VHBLK01

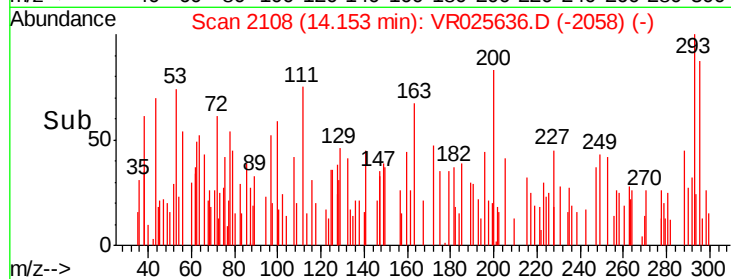
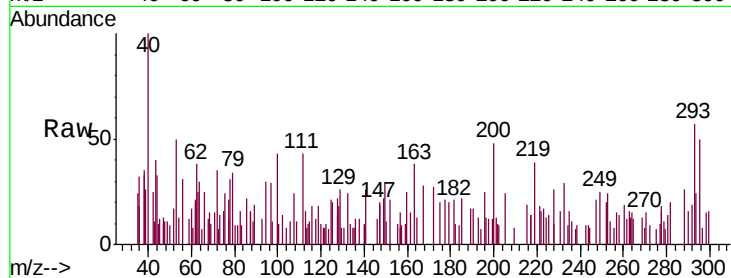
Tgt Ion: 75 Resp: 257

Ion Ratio Lower Upper

75 100

155 24.6 55.2 82.8#

157 42.4 89.4 134.2#



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

