

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015376.D
 Acq On : 02 Apr 2020 16:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 01:34:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 01:25:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	645419	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	608596	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	274573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	209656	36.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.46%
7) Chloroethane-d5	1.58	69	194649	39.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.74%
11) 1,1-Dichloroethene-d2	1.99	63	314	0.03	ug/L	-0.13
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.93	46	295823	96.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.17%
24) Chloroform-d	4.37	84	401594	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.06%
26) 1,2-Dichloroethane-d4	5.06	65	263795	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.64%
32) Benzene-d6	5.07	84	830851	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.66%
36) 1,2-Dichloropropane-d6	6.09	67	250811	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.78%
41) Toluene-d8	7.34	98	787248	43.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.86%
43) trans-1,3-Dichloropropene-	7.64	79	126970	41.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.16%
47) 2-Hexanone-d5	8.12	63	237435	94.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	366553	46.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	296536	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%

Target Compounds

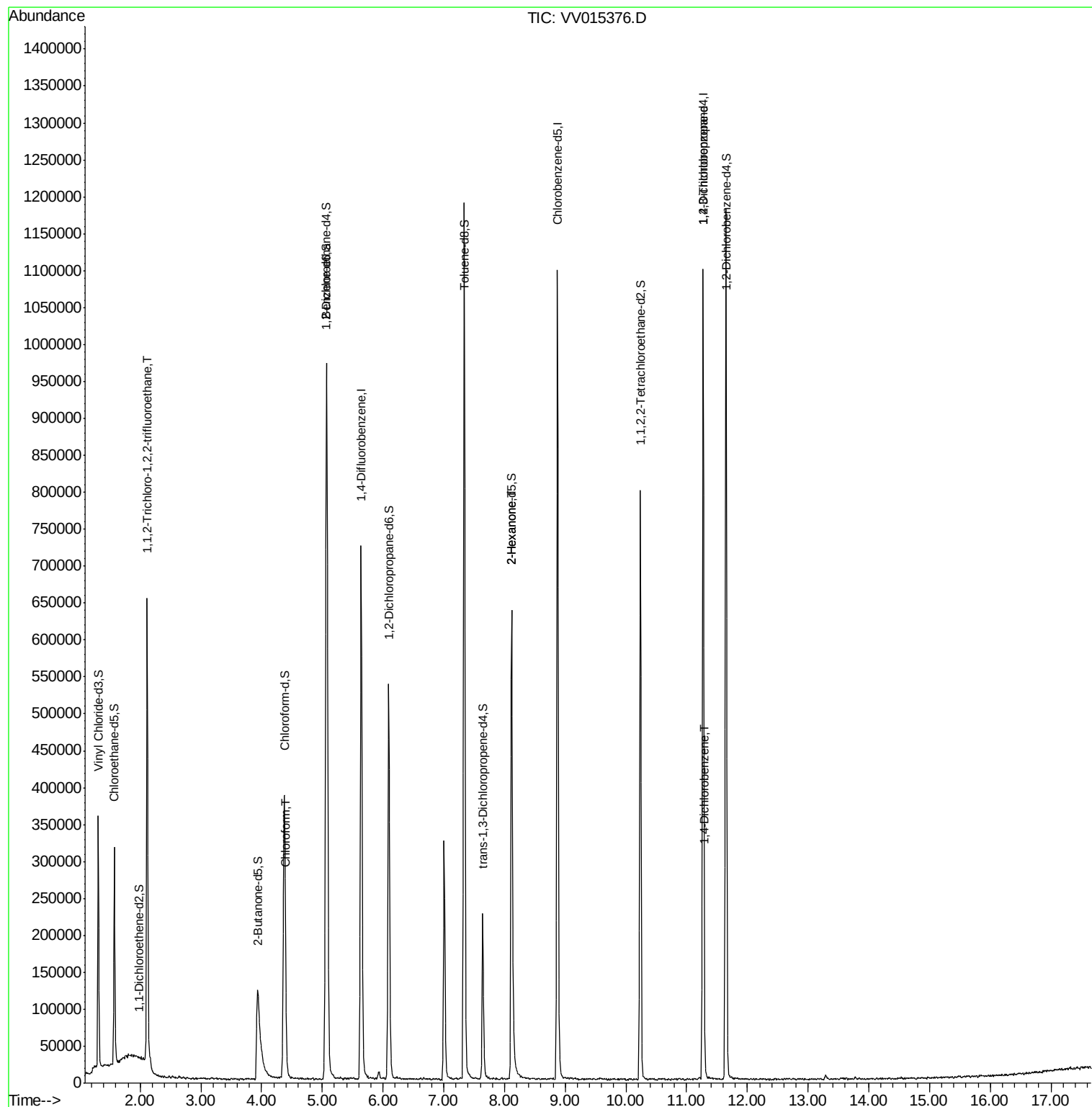
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3251	0.668 ug/L #	23
25) Chloroform	4.40	83	7114	0.818 ug/L	80
48) 2-Hexanone	8.12	43	28691	6.096 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	37244	6.239 ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	6704	0.715 ug/L	98

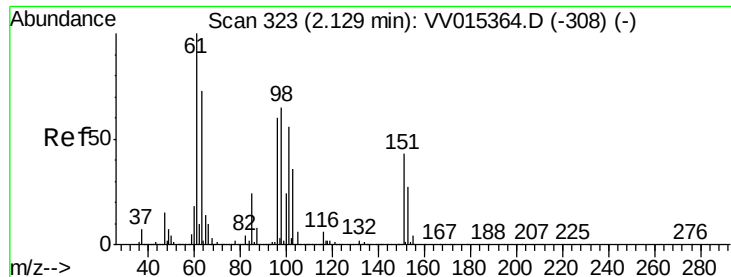
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.668 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015376.D

Acq: 02 Apr 2020 16:01

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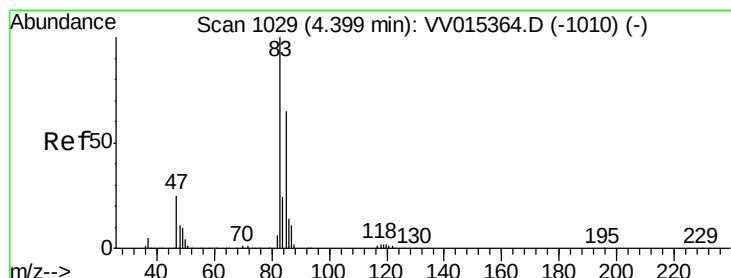
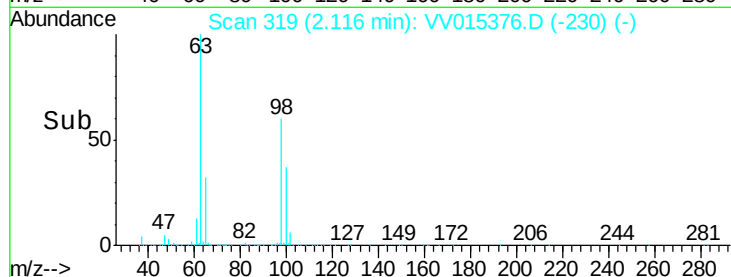
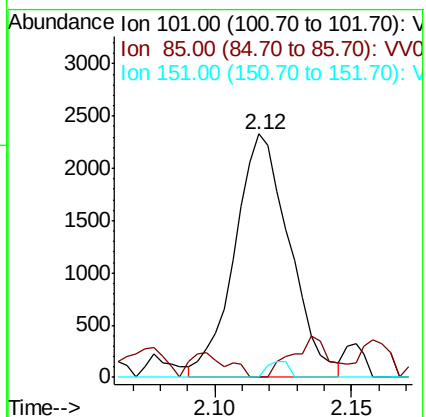
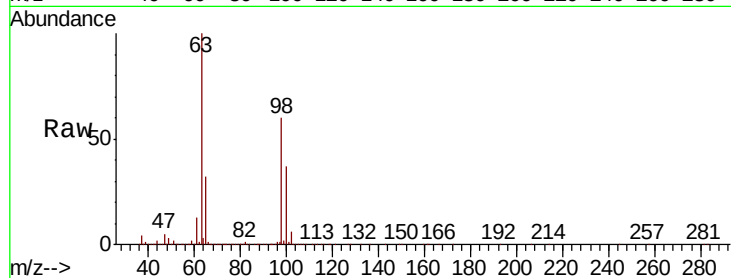
Tot Ion:101 Resp: 3251

Ion Ratio Lower Upper

101 100

85 1.5 36.1 54.1#

151 2.5 58.2 87.4#



#25

Chloroform

Concen: 0.818 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015376.D

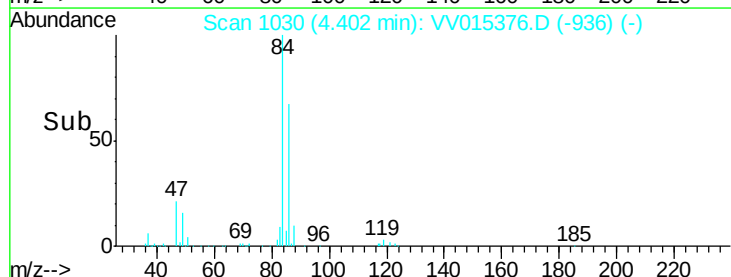
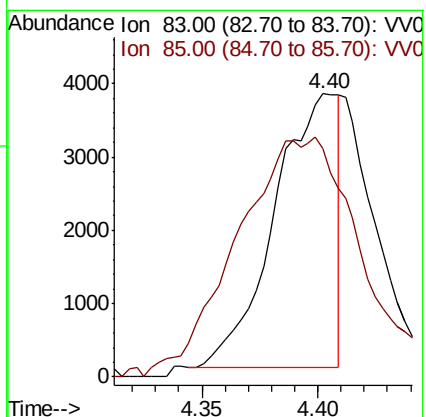
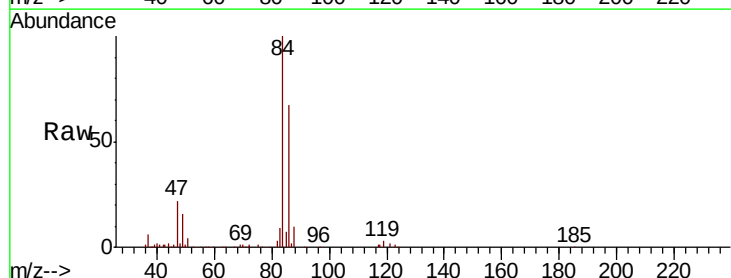
Acq: 02 Apr 2020 16:01

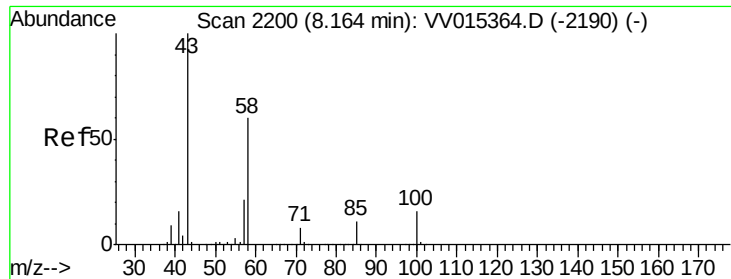
Tgt Ion: 83 Resp: 7114

Ion Ratio Lower Upper

83 100

85 80.5 45.1 83.9

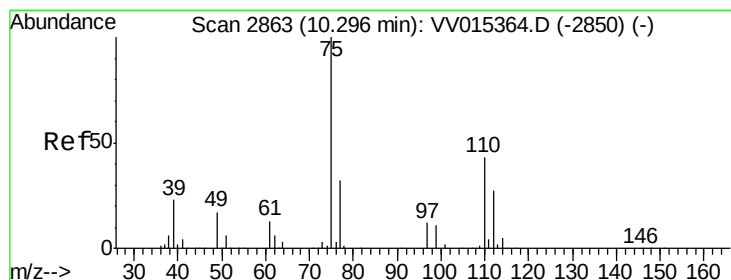
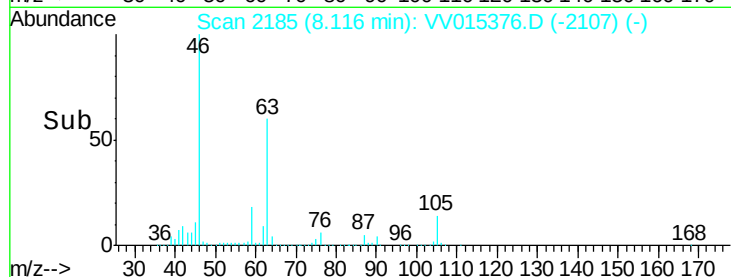
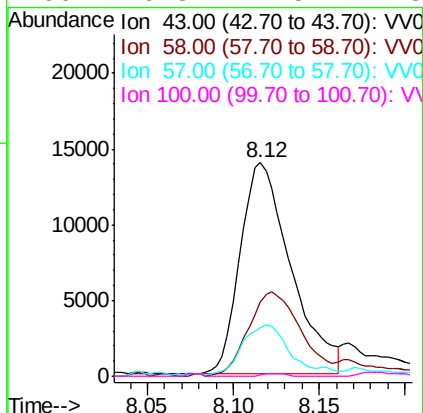
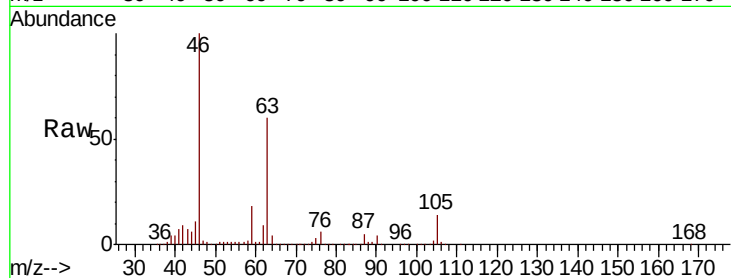




#48
 2-Hexanone
 Concen: 6.096 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV015376.D
 Acq: 02 Apr 2020 16:01

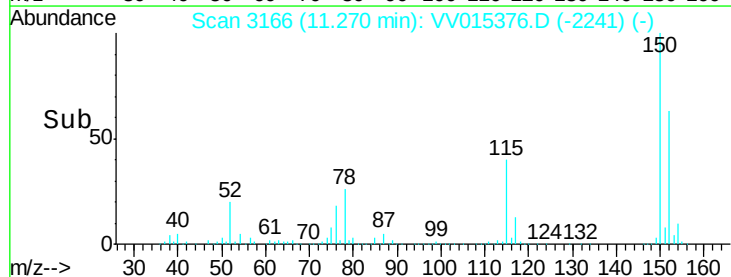
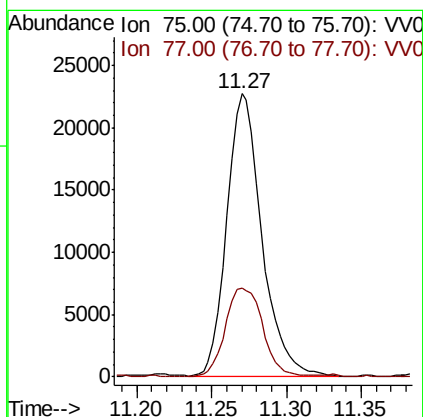
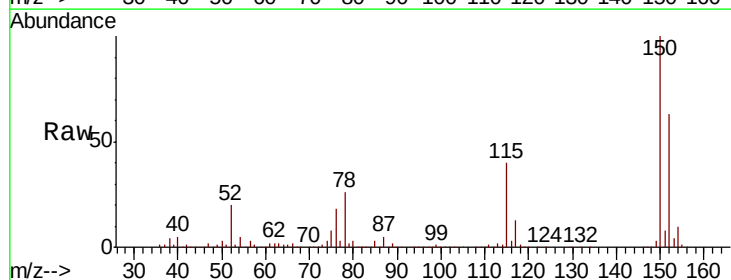
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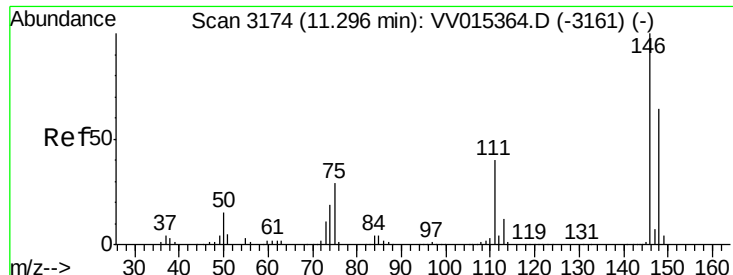
Tot Ion: 43 Resp: 28691
 Ion Ratio Lower Upper
 43 100
 58 40.9 47.4 71.2#
 57 20.7 16.7 25.1
 100 0.3 11.5 17.3#



#59
 1,2,3-Trichloropropane
 Concen: 6.239 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV015376.D
 Acq: 02 Apr 2020 16:01

Tgt Ion: 75 Resp: 37244
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.4 38.0





#63

1,4-Dichlorobenzene

Concen: 0.715 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.00 min

Lab File: VV015376.D

Acq: 02 Apr 2020 16:01

Instrument :

MSVOA_V

ClientSampleId :

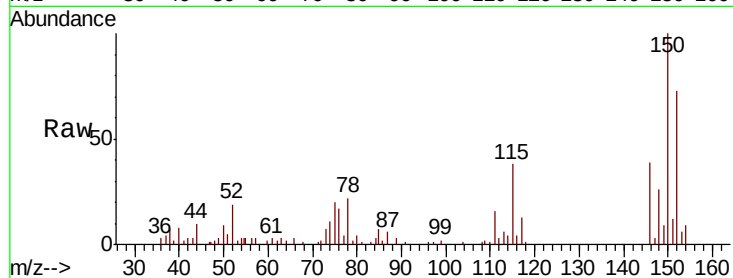
Tot Ion:146 Resp: 6704

Ion Ratio Lower Upper

146 100

111 40.6 29.3 54.5

148 65.7 44.7 82.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

