

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015189.D
 Acq On : 27 Mar 2020 01:02
 Operator : SY/MD
 Sample : L1976-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 03:41:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283446	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	222422	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	72031	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83128	54.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.32%
7) Chloroethane-d5	1.58	69	107182	69.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	139.82%#
11) 1,1-Dichloroethene-d2	2.12	63	90511	26.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.20%#
21) 2-Butanone-d5	3.93	46	258216	170.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	170.53%#
24) Chloroform-d	4.38	84	223237	66.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.96%#
26) 1,2-Dichloroethane-d4	5.06	65	189429	86.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	172.20%#
32) Benzene-d6	5.08	84	348366	76.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	152.28%#
36) 1,2-Dichloropropane-d6	6.10	67	153011	92.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	185.44%#
41) Toluene-d8	7.34	98	215516	51.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.96%
43) trans-1,3-Dichloropropene-	7.65	79	55136	61.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.68%
47) 2-Hexanone-d5	8.12	63	196728	203.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	203.86%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	270124	96.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	192.76%#
64) 1,2-Dichlorobenzene-d4	11.65	152	82350	61.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.46%#

Target Compounds

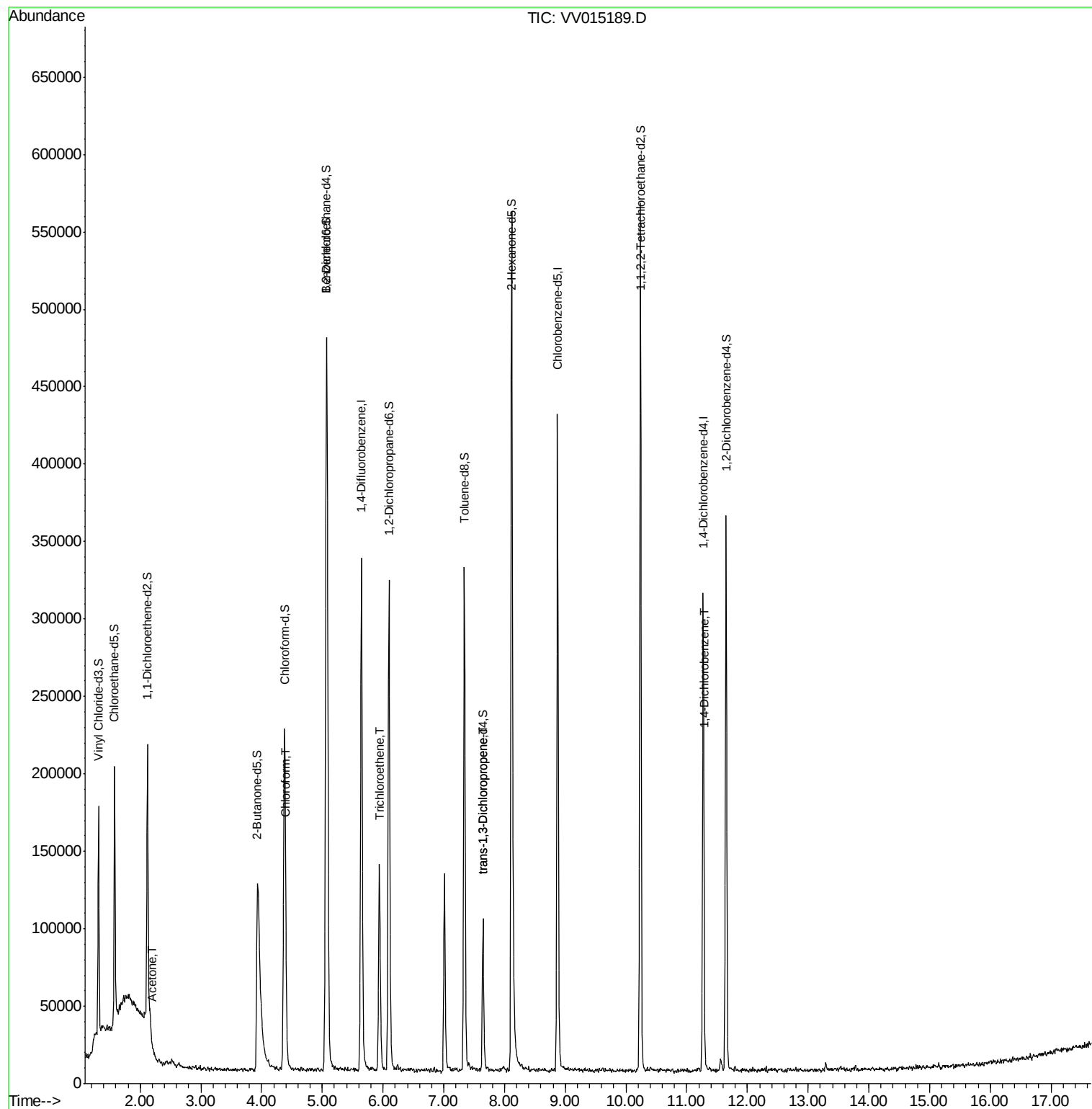
					Ovalue
13) Acetone	2.21	43	2984	2.849 ug/L #	98
25) Chloroform	4.41	83	9227	2.441 ug/L	100
34) Trichloroethene	5.94	95	46557	26.990 ug/L	98
44) trans-1,3-Dichloropropene	7.64	75	3017	1.092 ug/L	87
63) 1,4-Dichlorobenzene	11.29	146	1589	0.651 ug/L #	64

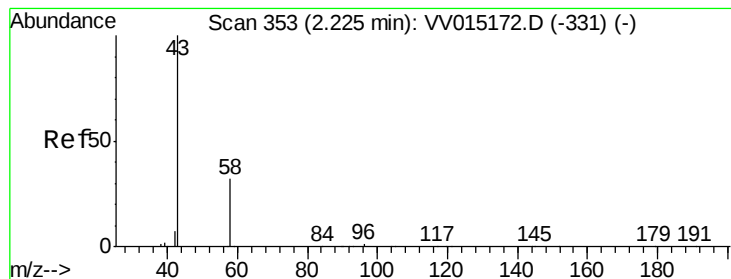
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.849 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV015189.D

Acq: 27 Mar 2020 01:02

Instrument :

MSVOA_V

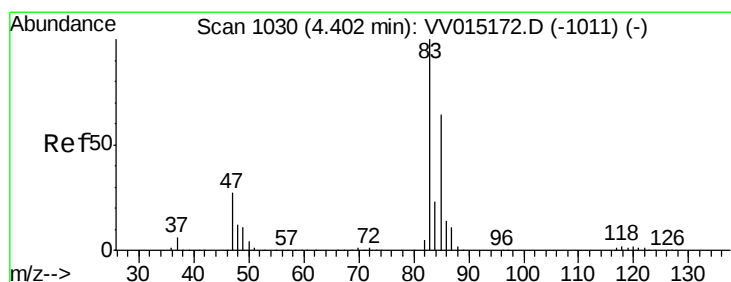
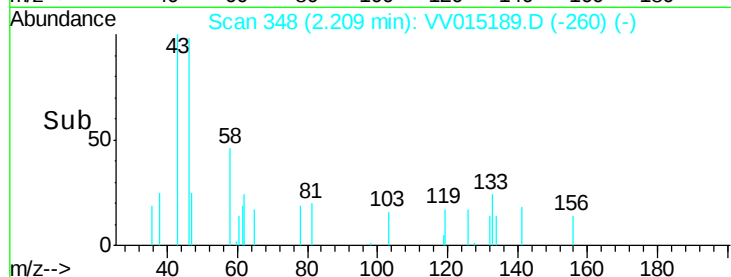
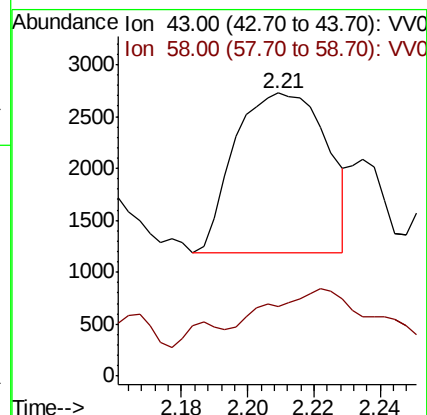
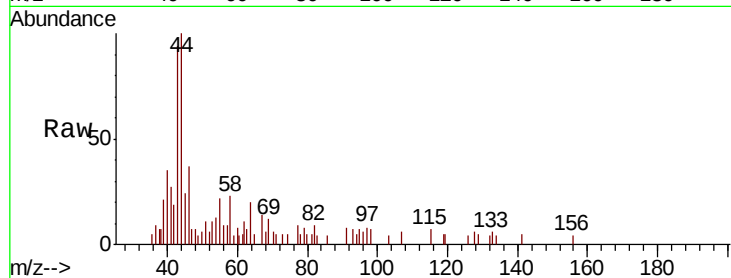
ClientSampled :

Tot Ion: 43 Resp: 2984

Ion Ratio Lower Upper

43 100

58 5.5 0.0 0.2#



#25

Chloroform

Concen: 2.441 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015189.D

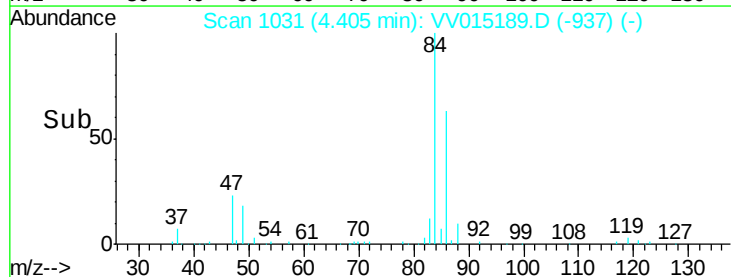
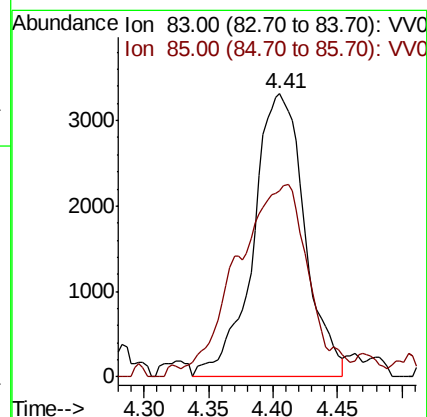
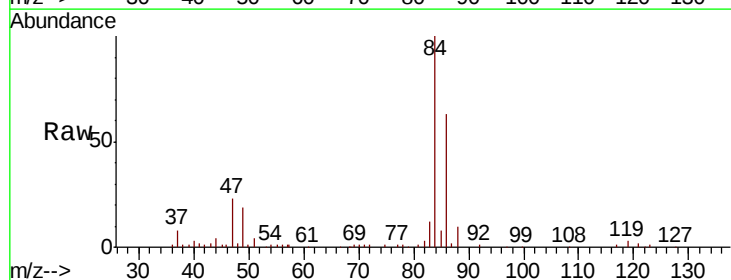
Acq: 27 Mar 2020 01:02

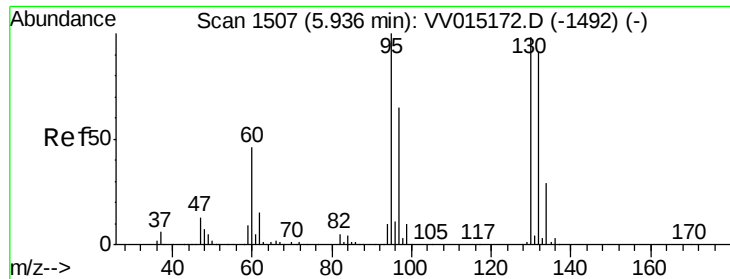
Tgt Ion: 83 Resp: 9227

Ion Ratio Lower Upper

83 100

85 65.8 46.2 85.8

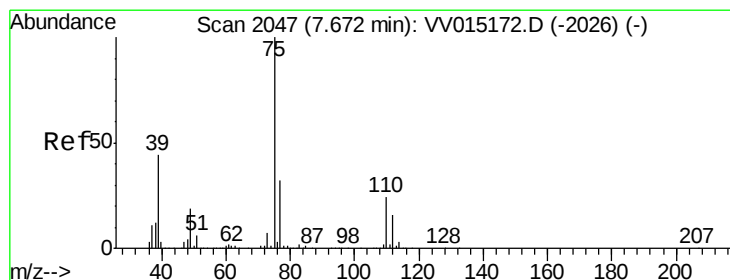
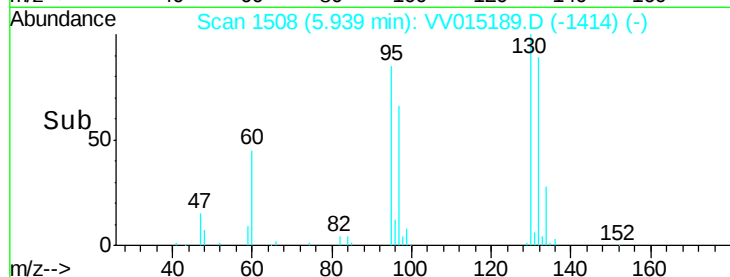
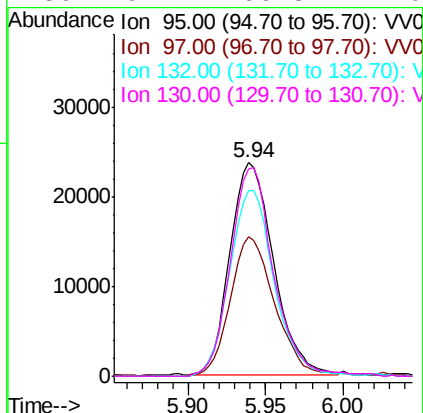
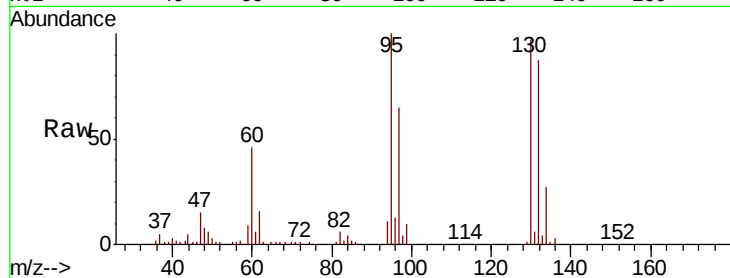




#34
 Trichloroethene
 Concen: 26.990 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015189.D
 Acq: 27 Mar 2020 01:02

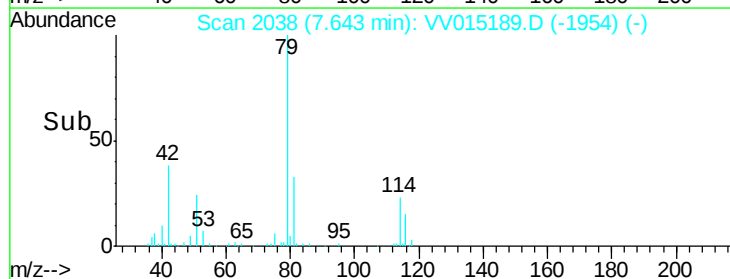
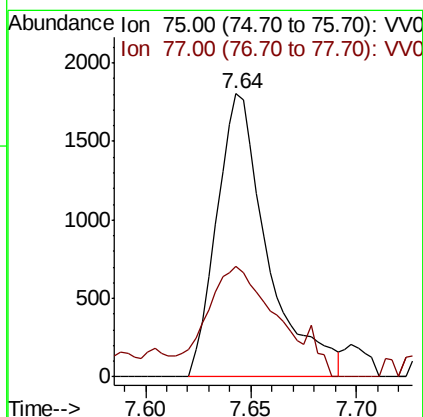
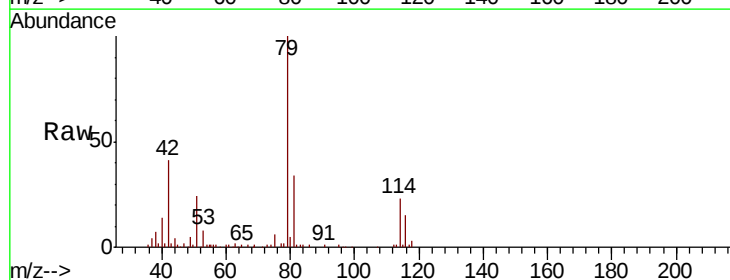
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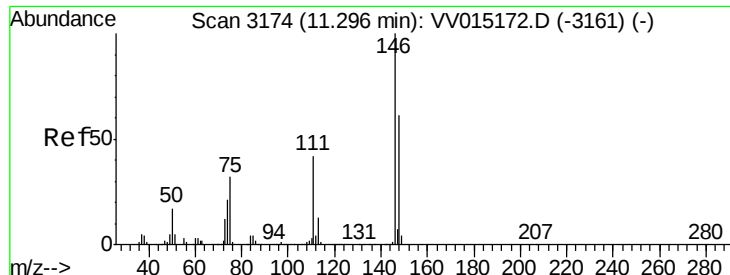
Tot Ion: 95 Resp: 46557
 Ion Ratio Lower Upper
 95 100
 97 65.1 44.8 83.2
 132 87.0 63.2 117.4
 130 97.2 66.8 124.0



#44
 trans-1,3-Dichloropropene
 Concen: 1.092 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015189.D
 Acq: 27 Mar 2020 01:02

Tgt Ion: 75 Resp: 3017
 Ion Ratio Lower Upper
 75 100
 77 39.1 22.3 41.3





#63

1,4-Dichlorobenzene

Concen: 0.651 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV015189.D

Acq: 27 Mar 2020 01:02

Instrument :

MSVOA_V

ClientSampleId :

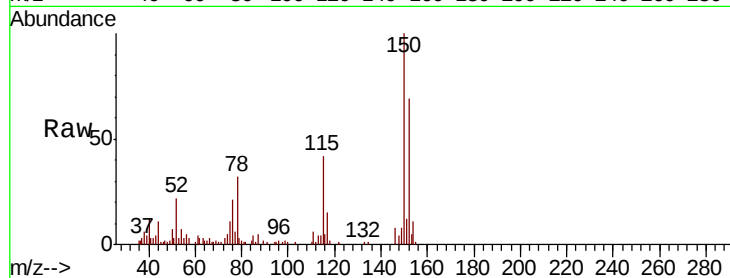
Tot Ion:146 Resp: 1589

Ion Ratio Lower Upper

146 100

111 84.6 29.2 54.2#

148 52.0 44.8 83.2



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

