

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
 Data File : VV013858.D
 Acq On : 29 Nov 2019 18:53
 Operator : SY/MD
 Sample : K6028-03MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA0MSD

Quant Time: Nov 30 00:18:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 29 22:33:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	688872	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	671517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	318498	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	196575	48.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.46%
7) Chloroethane-d5	1.58	69	177782	54.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.28%
11) 1,1-Dichloroethene-d2	2.13	63	374786	53.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.24%
21) 2-Butanone-d5	3.92	46	321925	107.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.93%
24) Chloroform-d	4.40	84	409772	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
26) 1,2-Dichloroethane-d4	5.08	65	266333	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
32) Benzene-d6	5.10	84	834205	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
36) 1,2-Dichloropropane-d6	6.11	67	258187	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.88%
41) Toluene-d8	7.36	98	723291	43.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.78%
43) trans-1,3-Dichloropropene-	7.66	79	116142	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.00%
47) 2-Hexanone-d5	8.13	63	225872	107.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.17%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	366210	50.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.34%
64) 1,2-Dichlorobenzene-d4	11.67	152	332567	52.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.76%

Target Compounds

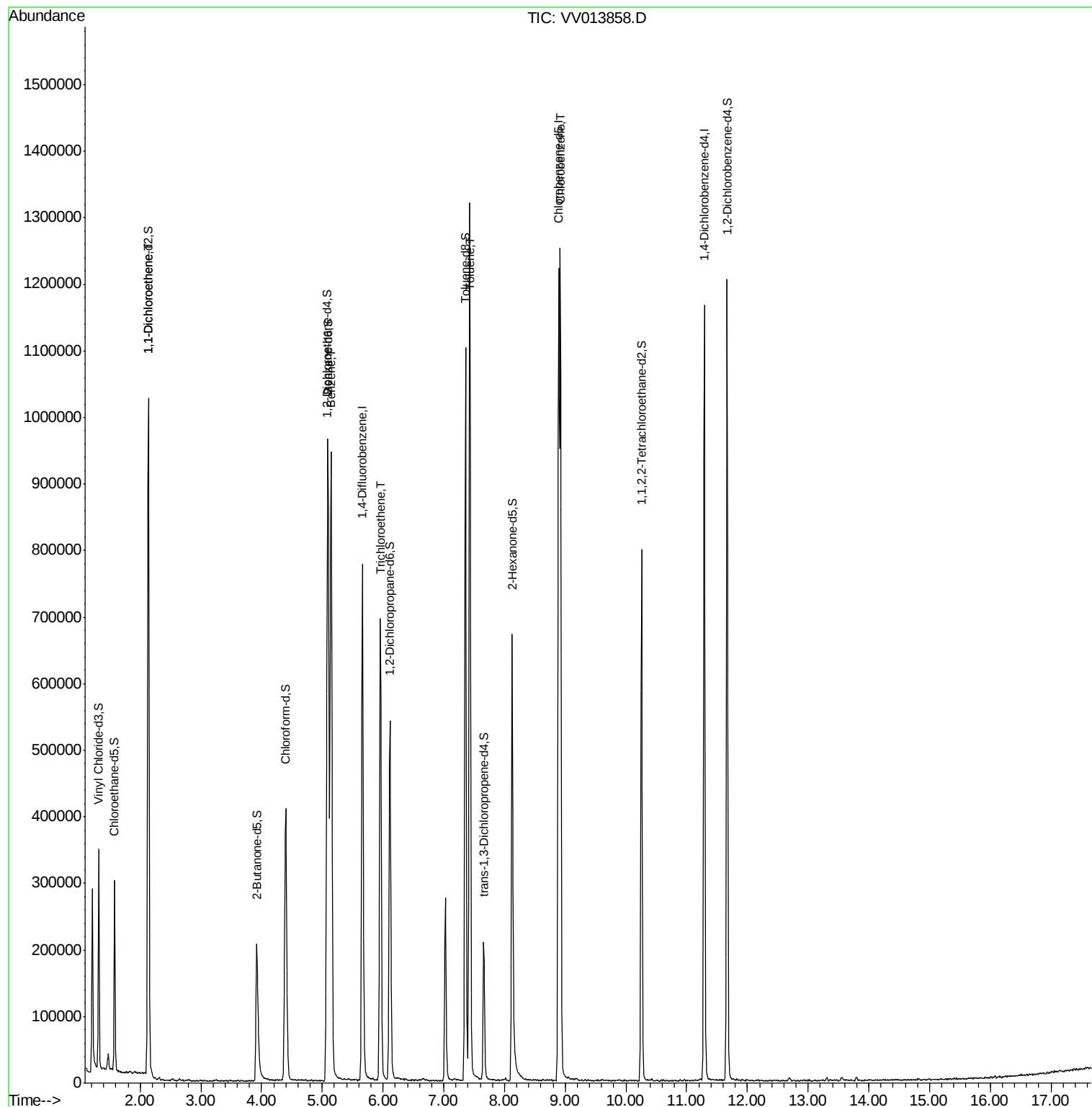
					Ovalue
12) 1,1-Dichloroethene	2.14	96	194168	53.468 ug/L	99
33) Benzene	5.14	78	928501	48.697 ug/L	100
34) Trichloroethene	5.96	95	232039	45.795 ug/L	97
42) Toluene	7.43	91	951206	47.873 ug/L	100
51) Chlorobenzene	8.92	112	658461	49.859 ug/L	98

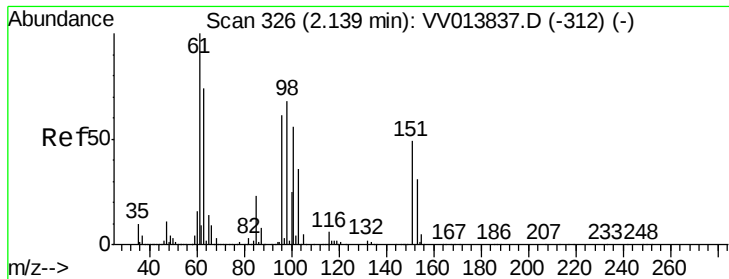
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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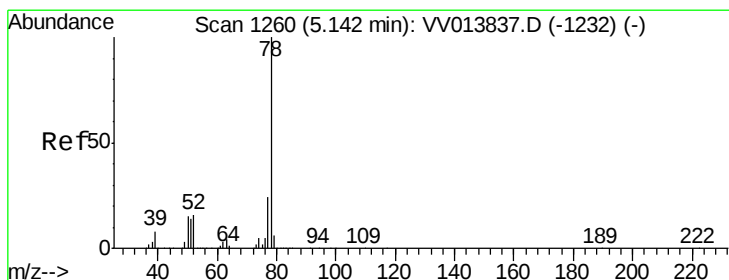
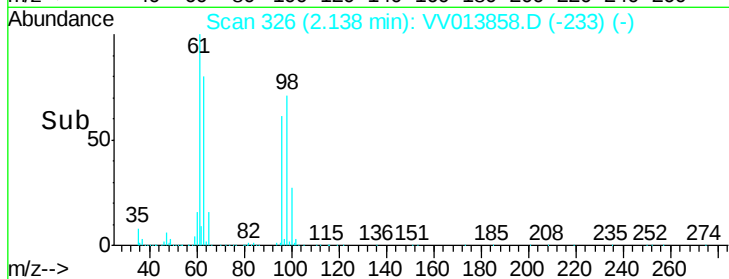
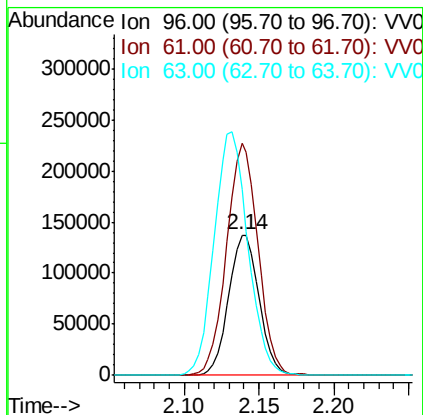
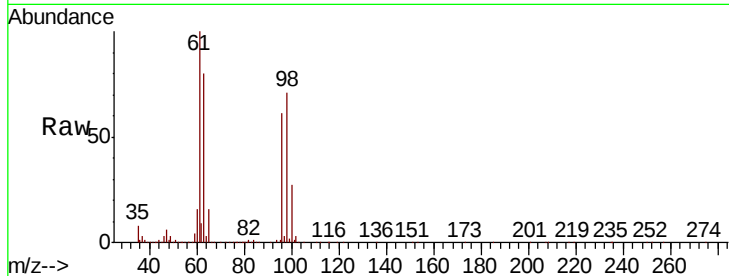




#12
 1,1-Dichloroethene
 Concen: 53.468 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV013858.D
 Acq: 29 Nov 2019 18:53

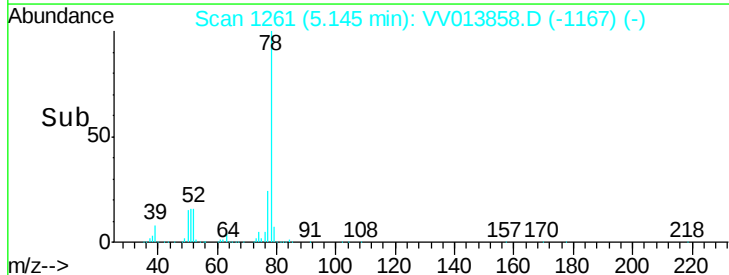
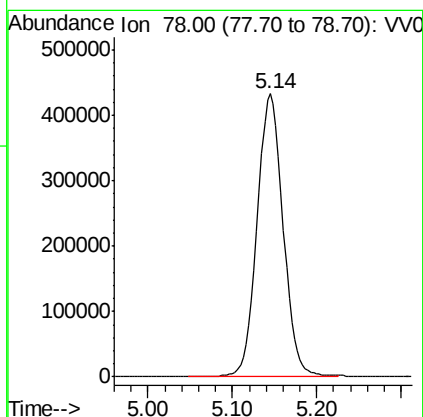
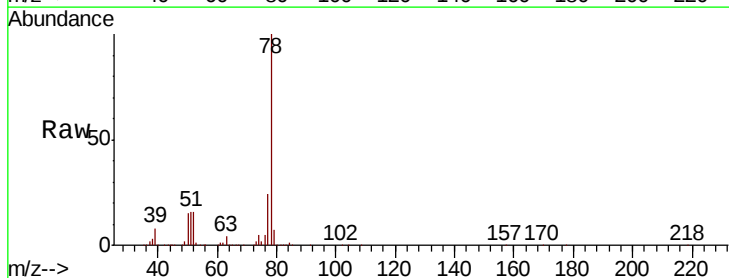
Instrument :
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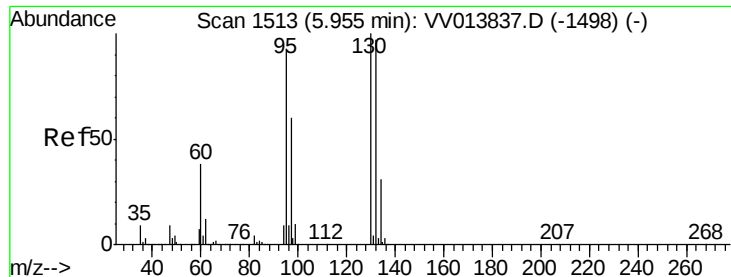
Tot Ion: 96 Resp: 194168
 Ion Ratio Lower Upper
 96 100
 61 164.9 116.9 217.1
 63 132.2 91.5 169.9



#33
 Benzene
 Concen: 48.697 ug/L
 RT: 5.14 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VV013858.D
 Acq: 29 Nov 2019 18:53

Tgt Ion: 78 Resp: 928501

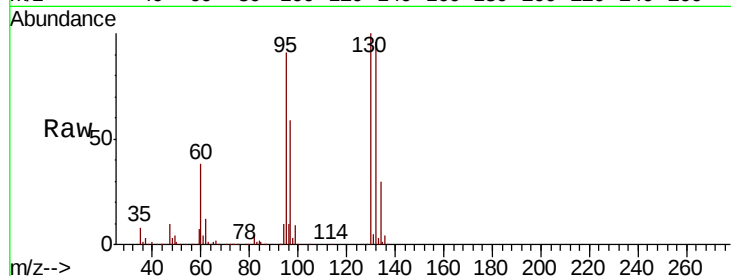




#34
 Trichloroethene
 Concen: 45.795 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VV013858.D
 Acq: 29 Nov 2019 18:53

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA0MSD

Tot Ion	Ion	Ratio	Lower	Upper
95	100			
97	64.7	45.1	83.7	
132	106.1	71.7	133.1	
130	110.2	73.8	137.2	



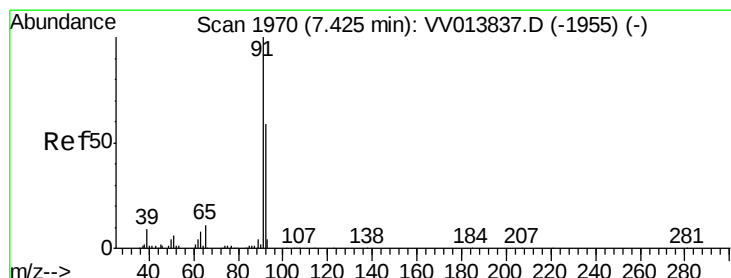
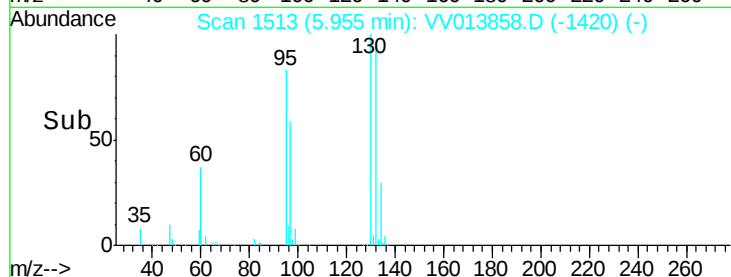
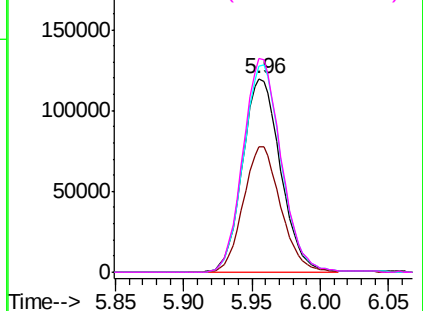
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

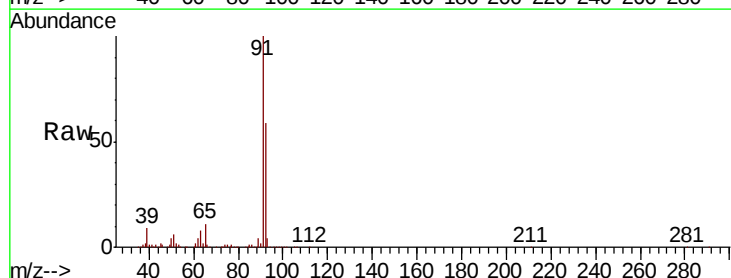
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42
 Toluene
 Concen: 47.873 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VV013858.D
 Acq: 29 Nov 2019 18:53

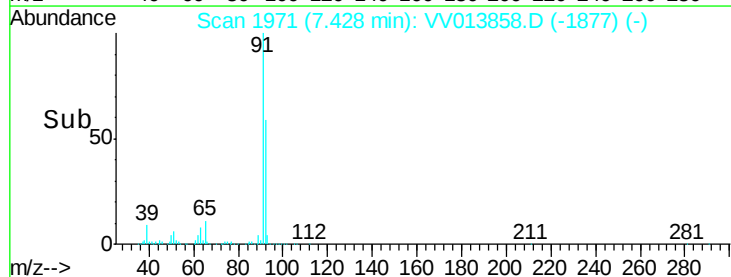
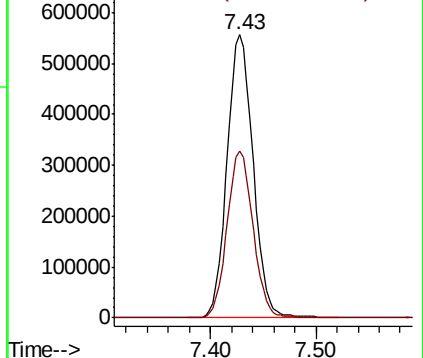
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
92	59.0	41.3	76.7	

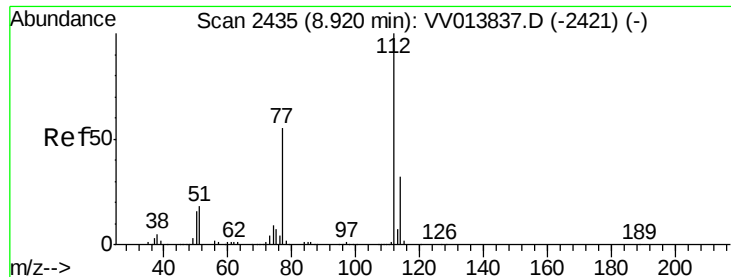


Abundance

Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#51

Chlorobenzene

Concen: 49.859 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. -0.00 min

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Acq: 29 Nov 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

H0AA0MSD

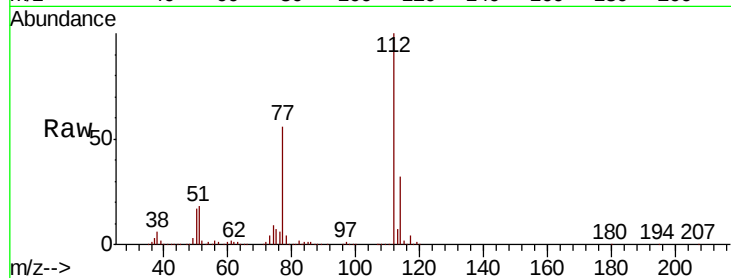
Tot Ion:112 Resp: 658461

Ion Ratio Lower Upper

112 100

114 32.3 22.8 42.4

77 55.8 46.7 70.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

