

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008012.D
 Acq On : 01 Oct 2018 23:16
 Operator : SY/MD
 Sample : J5159-16MSD
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GACA0MSD

Quant Time: Oct 02 05:12:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91951	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87005	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41907	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24337	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.59	69	20767	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	50734	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	3.98	46	67388	45.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.90%
24) Chloroform-d	4.41	84	51759	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	28954	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	101708	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	31862	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	95114	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.67	79	10580	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.14	63	49109	43.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22317	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	38980	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

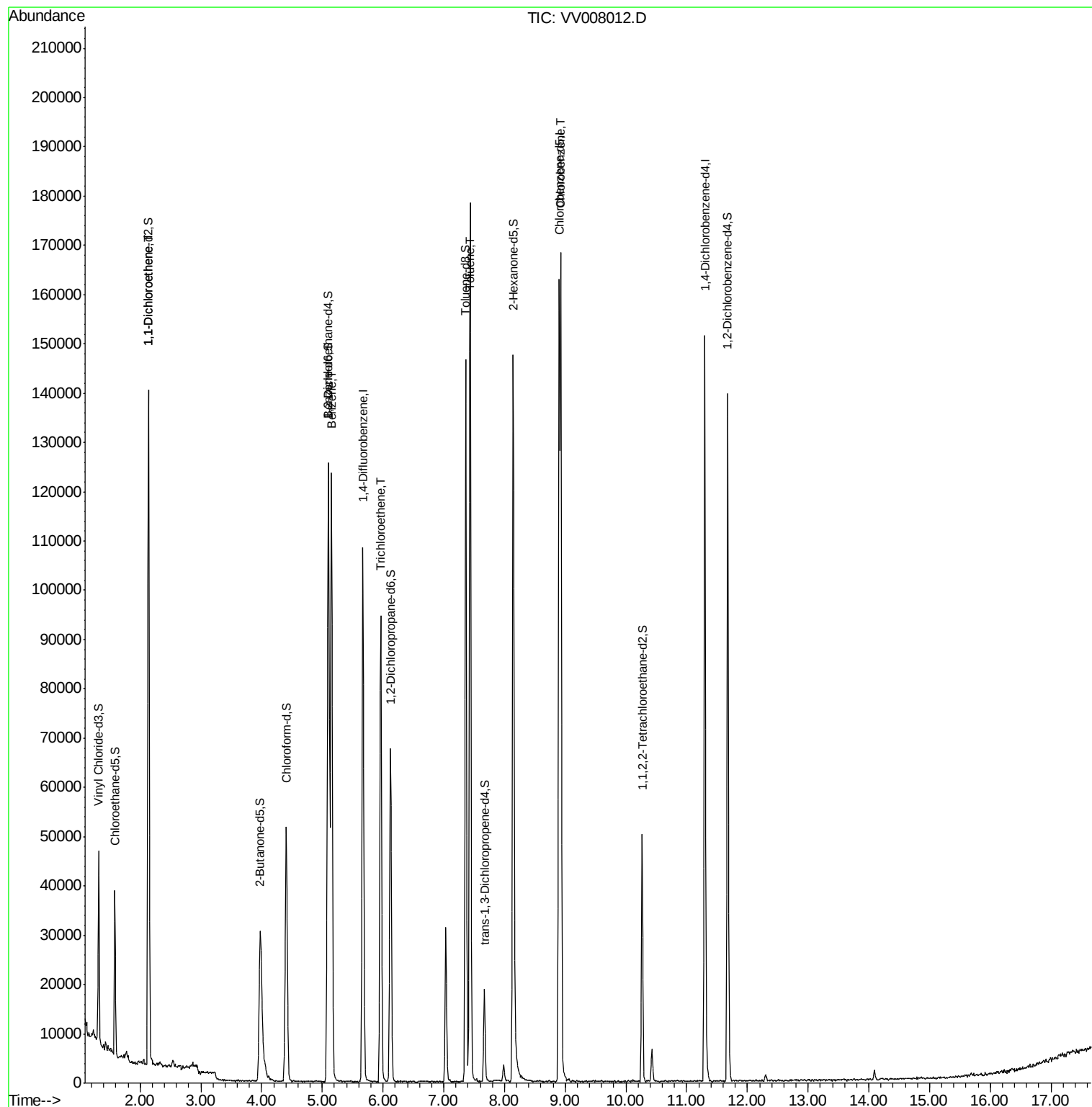
					Ovalue
12) 1,1-Dichloroethene	2.14	96	27567	4.536 ug/L	96
33) Benzene	5.15	78	118595	4.760 ug/L	100
34) Trichloroethene	5.96	95	31433	4.406 ug/L	99
42) Toluene	7.43	91	127148	4.686 ug/L	97
51) Chlorobenzene	8.93	112	86571	4.619 ug/L	99

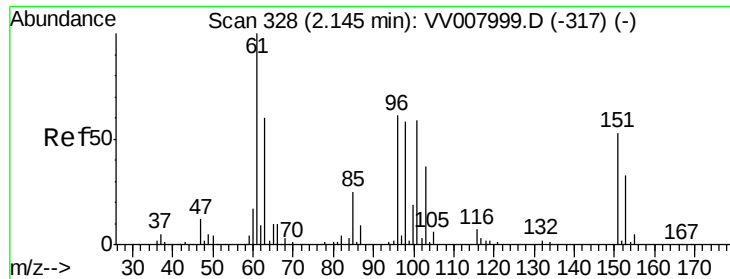
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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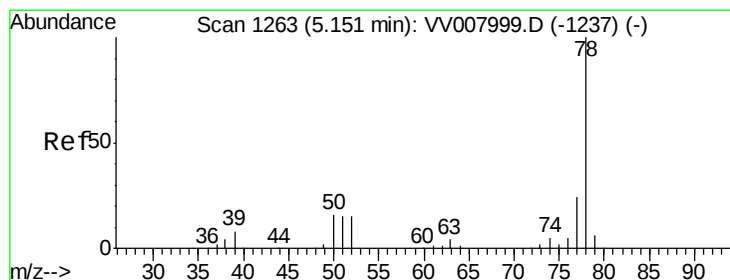
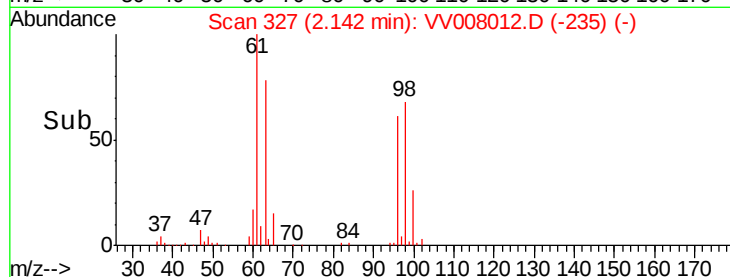
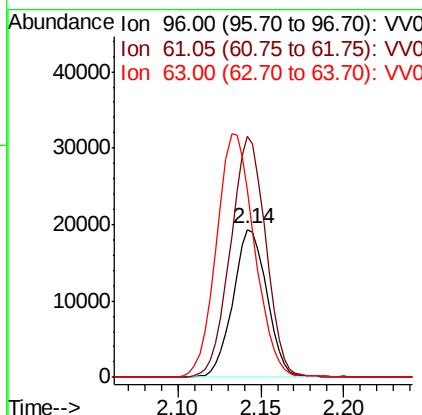
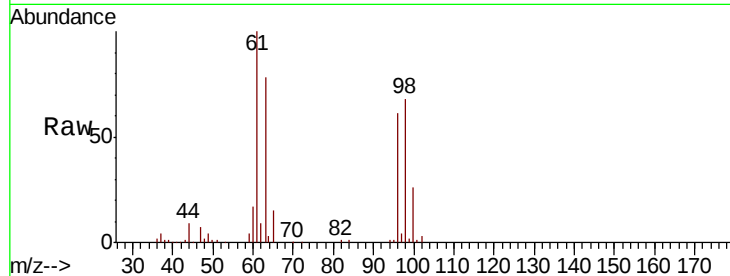




#12
 1,1-Dichloroethene
 Concen: 4.536 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VV008012.D
 Acq: 01 Oct 2018 23:16

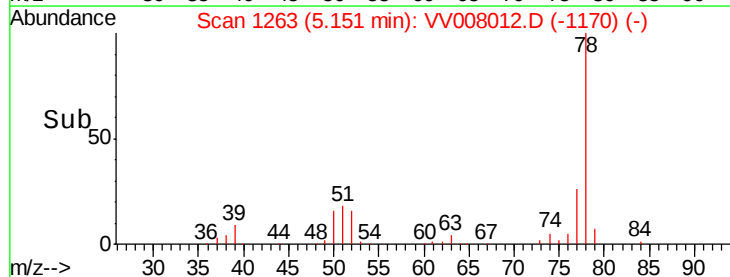
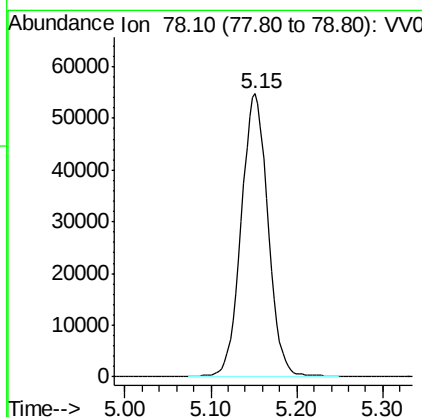
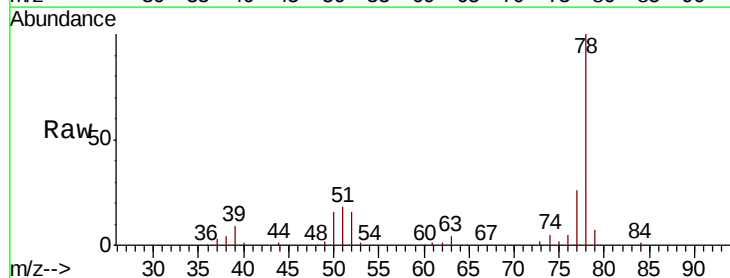
Instrument :
 MSVOA_V
 ClientSampleId :
 GACA0MSD

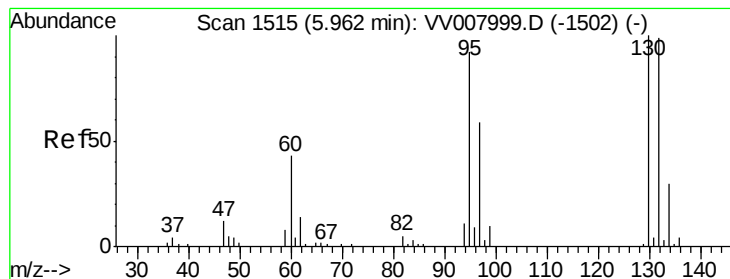
Tot Ion: 96 Resp: 27567
 Ion Ratio Lower Upper
 96 100
 61 162.8 114.1 211.9
 63 126.3 81.5 151.3



#33
 Benzene
 Concen: 4.760 ug/L
 RT: 5.15 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VV008012.D
 Acq: 01 Oct 2018 23:16

Tgt Ion: 78 Resp: 118595





#34

Trichloroethene

Concen: 4.406 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008012.D

Acq: 01 Oct 2018 23:16

Instrument :

MSVOA_V

ClientSampleId :

GACA0MSD

Tot Ion: 95 Resp: 31433

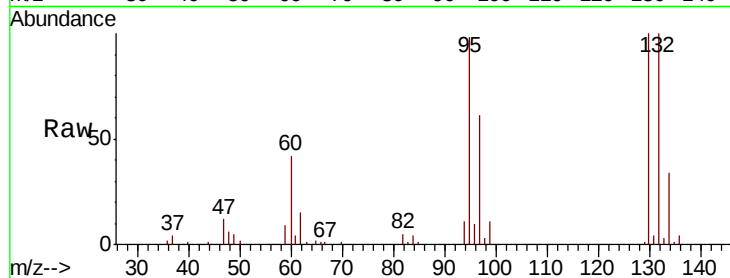
Ion Ratio Lower Upper

95 100

97 62.0 43.6 81.0

132 101.4 69.9 129.9

130 101.9 71.7 133.3

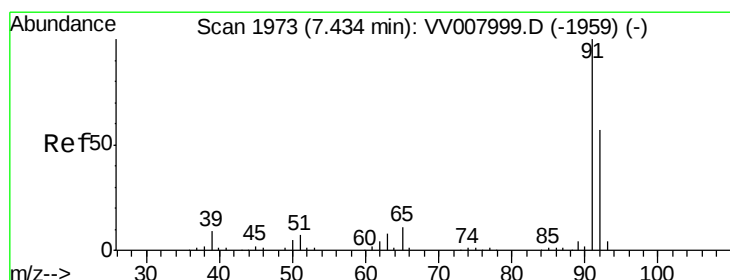
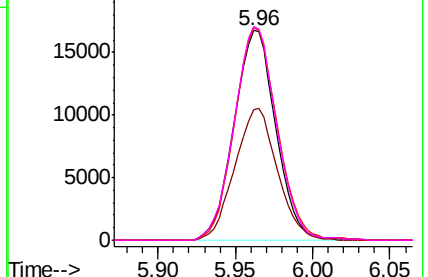
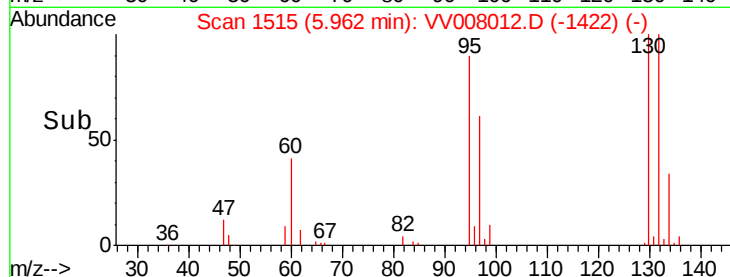


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 4.686 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008012.D

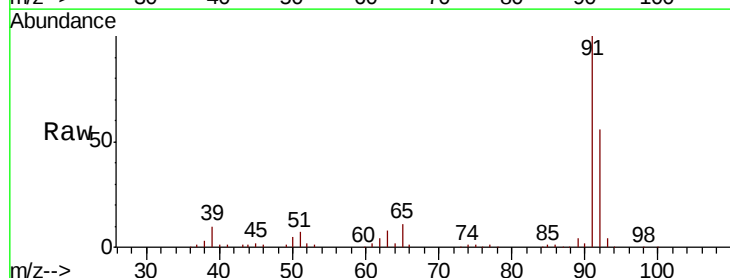
Acq: 01 Oct 2018 23:16

Tgt Ion: 91 Resp: 127148

Ion Ratio Lower Upper

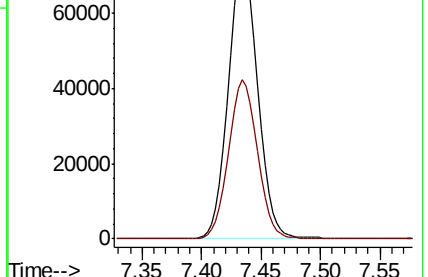
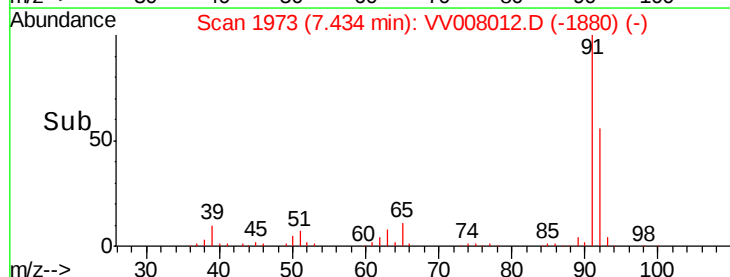
91 100

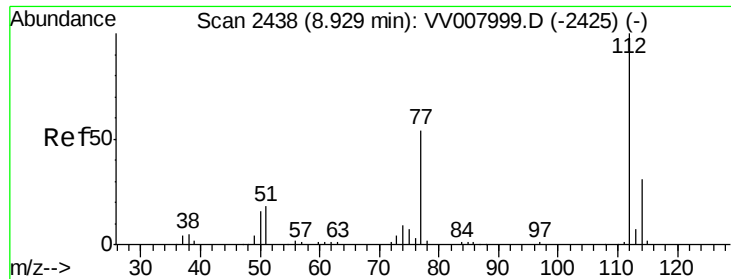
92 56.1 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#51

Chlorobenzene

Concen: 4.619 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008012.D

Acq: 01 Oct 2018 23:16

Instrument :

MSVOA_V

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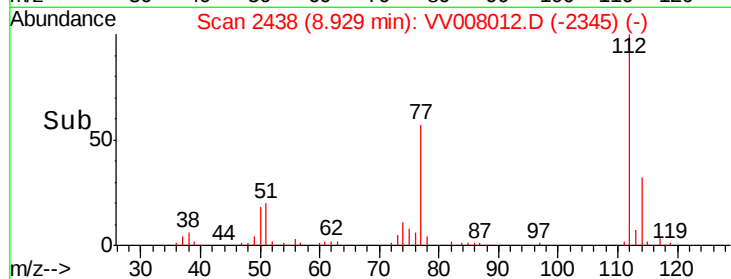
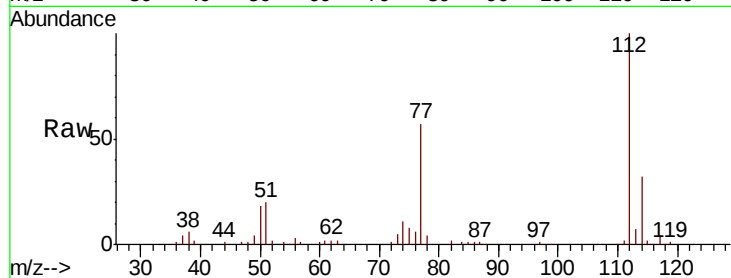
Tot Ion:112 Resp: 86571

Ion Ratio Lower Upper

112 100

114 32.2 22.4 41.6

77 57.2 45.0 67.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

