

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050218\
 Data File : VU023588.D
 Acq On : 02 May 2018 19:38
 Operator : MD/SY
 Sample : J2627-15MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 03 07:04:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 03 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	325120	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310739	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	146848	50.00	ug/L	0.00

System Monitoring Compounds

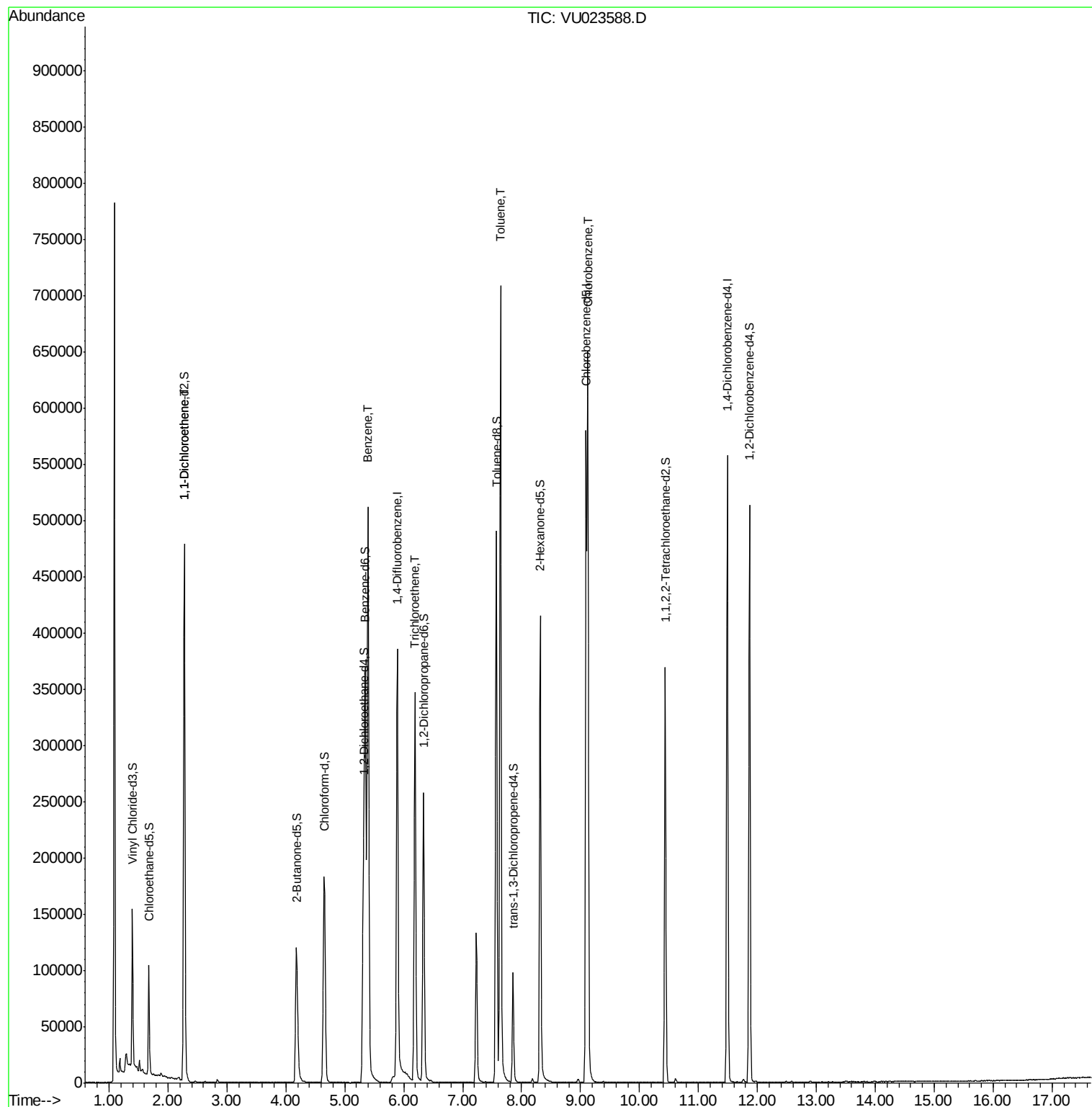
4) Vinyl Chloride-d3	1.40	65	85938	37.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.58%
7) Chloroethane-d5	1.67	69	71483	40.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.27	63	192889	42.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.88%
21) 2-Butanone-d5	4.18	46	194544	122.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.20%
24) Chloroform-d	4.65	84	183645	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
26) 1,2-Dichloroethane-d4	5.31	65	124261	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.35	84	366575	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
36) 1,2-Dichloropropane-d6	6.34	67	131717	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.34%
41) Toluene-d8	7.57	98	329998	42.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.86%
43) trans-1,3-Dichloropropene-	7.85	79	54565	45.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.78%
47) 2-Hexanone-d5	8.31	63	139060	131.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.13%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	184751	51.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.30%
64) 1,2-Dichlorobenzene-d4	11.87	152	137208	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%

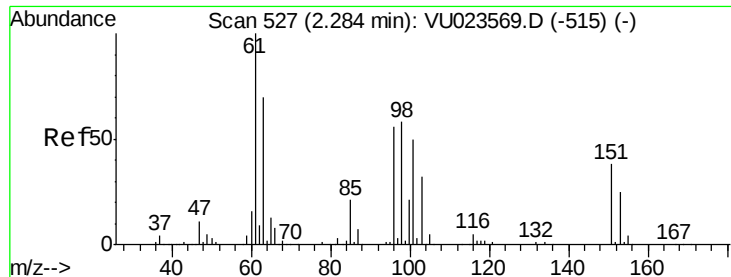
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	106236	44.77	ug/L	95
33) Benzene	5.39	78	500137	45.67	ug/L	100
34) Trichloroethene	6.19	95	122340	43.61	ug/L	98
42) Toluene	7.64	91	515270	45.40	ug/L	100
51) Chlorobenzene	9.12	112	330157	43.66	ug/L	99

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

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#12

1,1-Dichloroethene

Concen: 44.77 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

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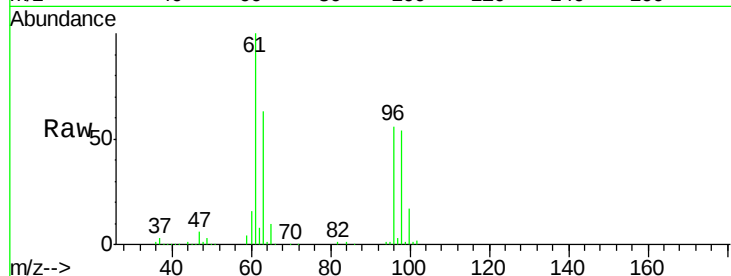
Tot Ion: 96 Resp: 106236

Ion Ratio Lower Upper

96 100

61 177.4 125.9 233.7

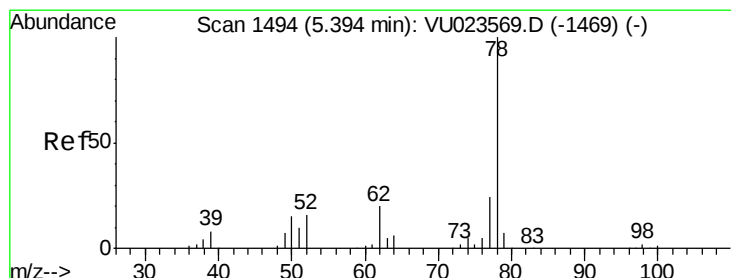
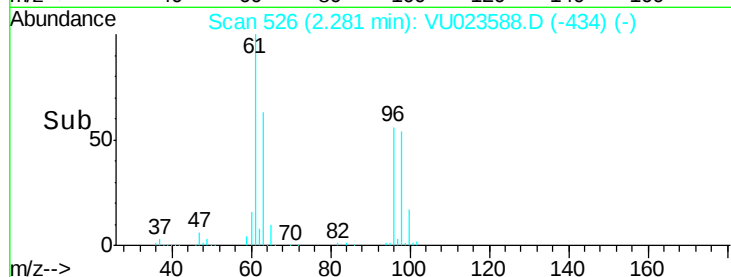
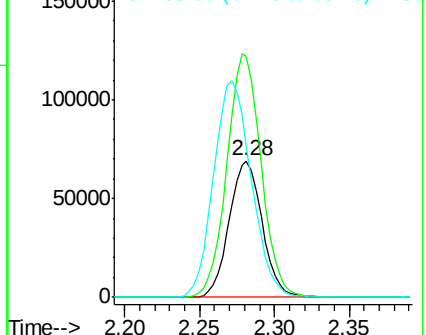
63 110.9 84.8 157.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#33

Benzene

Concen: 45.67 ug/L

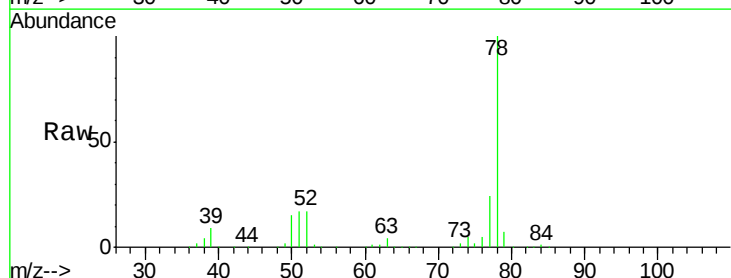
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

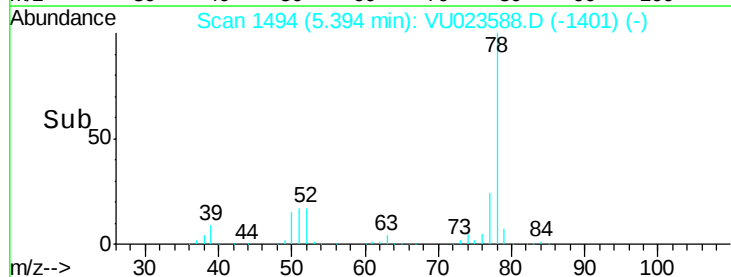
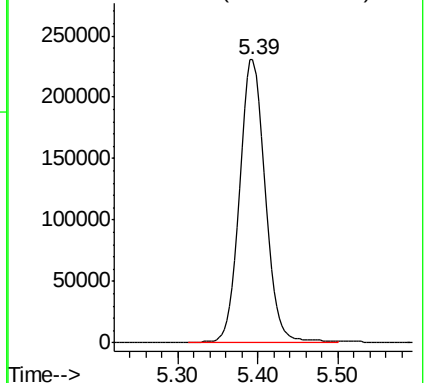
Lab File: VU023588.D

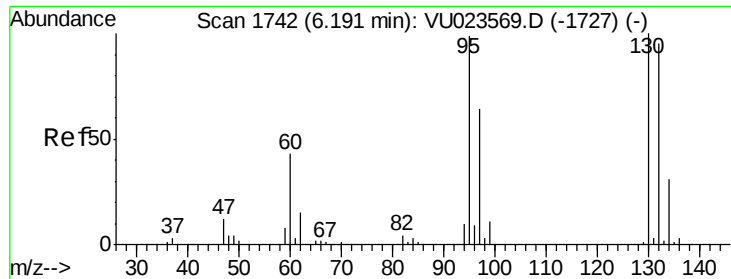
Acq: 02 May 2018 19:38

Tgt Ion: 78 Resp: 500137



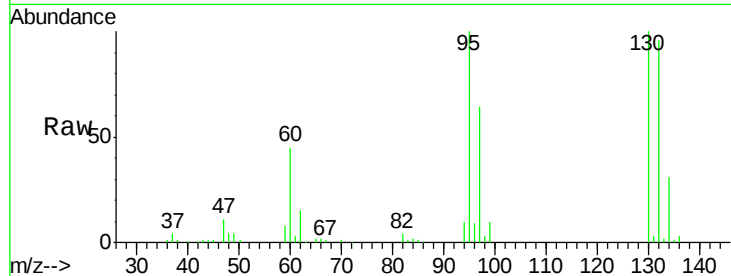
Abundance Ion 78.00 (77.70 to 78.70): VU0



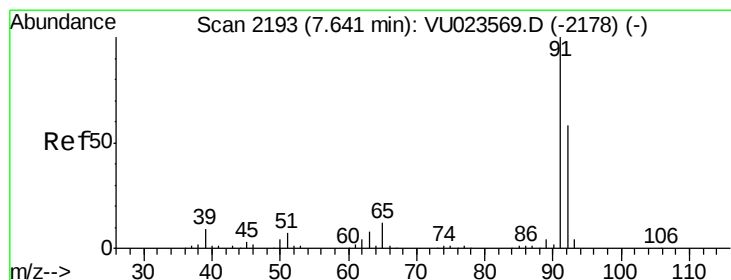
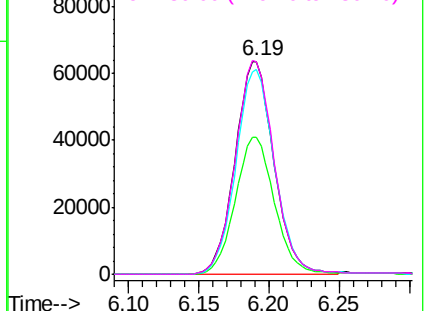
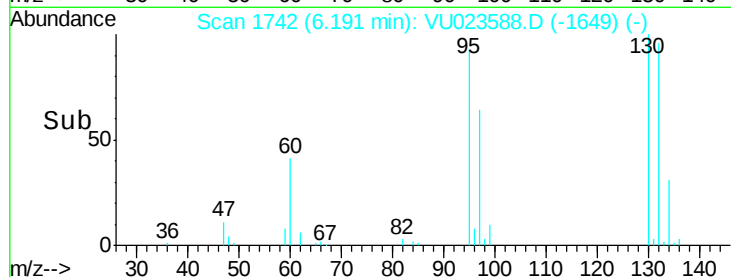


#34
 Trichloroethene
 Concen: 43.61 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU023588.D
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Tot Ion: 95 Resp: 122340
 Ion Ratio Lower Upper
 95 100
 97 64.3 46.3 85.9
 132 96.1 68.5 127.1
 130 99.8 70.8 131.4

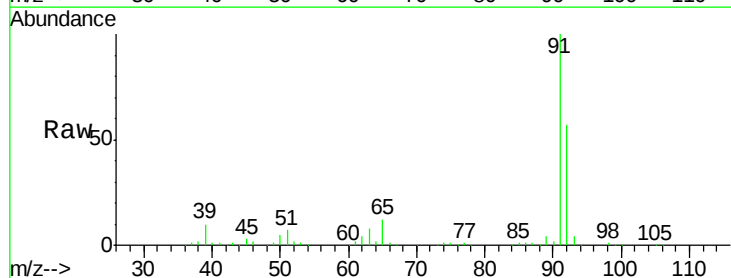


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

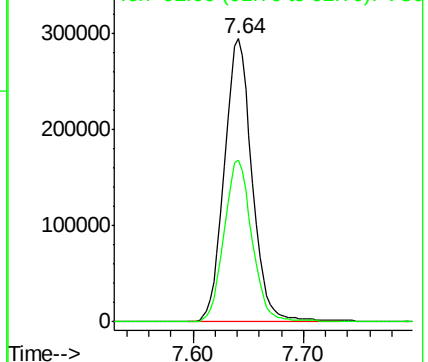
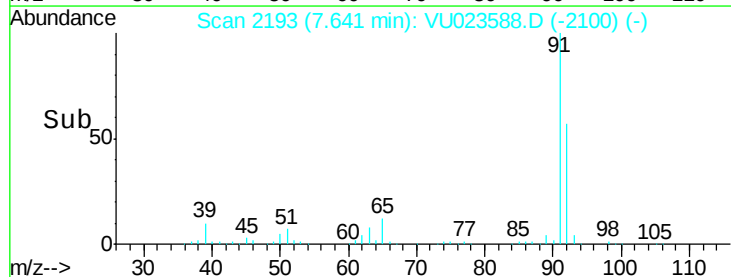


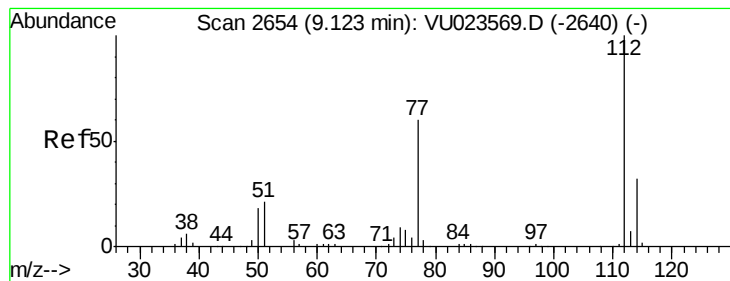
#42
 Toluene
 Concen: 45.40 ug/L
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU023588.D
 Acq: 02 May 2018 19:38

Tgt Ion: 91 Resp: 515270
 Ion Ratio Lower Upper
 91 100
 92 57.3 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0





#51

Chlorobenzene

Concen: 43.66 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU023588.D

Acq: 02 May 2018 19:38

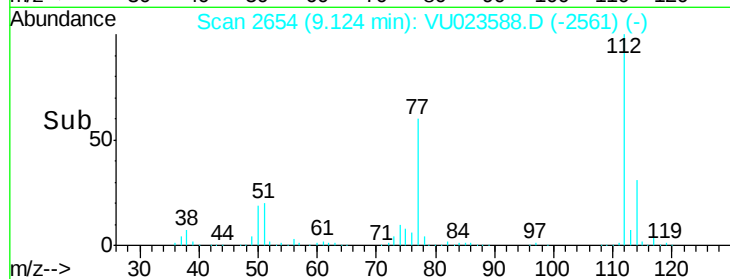
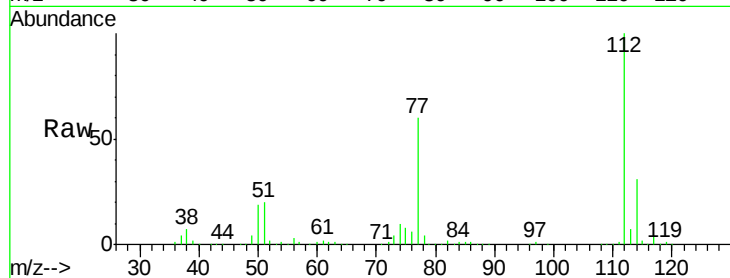
Tot Ion:112 Resp: 330157

Ion Ratio Lower Upper

112 100

114 31.3 22.7 42.3

77 60.0 47.5 71.3



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): VU0

