

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092418\
 Data File : VR025836.D
 Acq On : 25 Sep 2018 00:42
 Operator : SY/MD
 Sample : J5045-10MSD
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ETO21MSD

Quant Time: Sep 25 09:17:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 25 08:50:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	338420	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	277252	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	87519	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	131518	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	2.62	69	112335	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.00%
11) 1,1-Dichloroethene-d2	3.62	63	320025	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.20%
20) 2-Butanone-d5	6.59	46	183510	56.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.62%
24) Chloroform-d	7.20	84	239567	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.90	65	115062	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	7.85	84	508631	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	8.90	67	141590	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	9.97	98	438887	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	10.24	79	25124	3.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.60%
46) 2-Hexanone-d5	10.59	63	132614	51.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.24%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	54918	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	72683	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

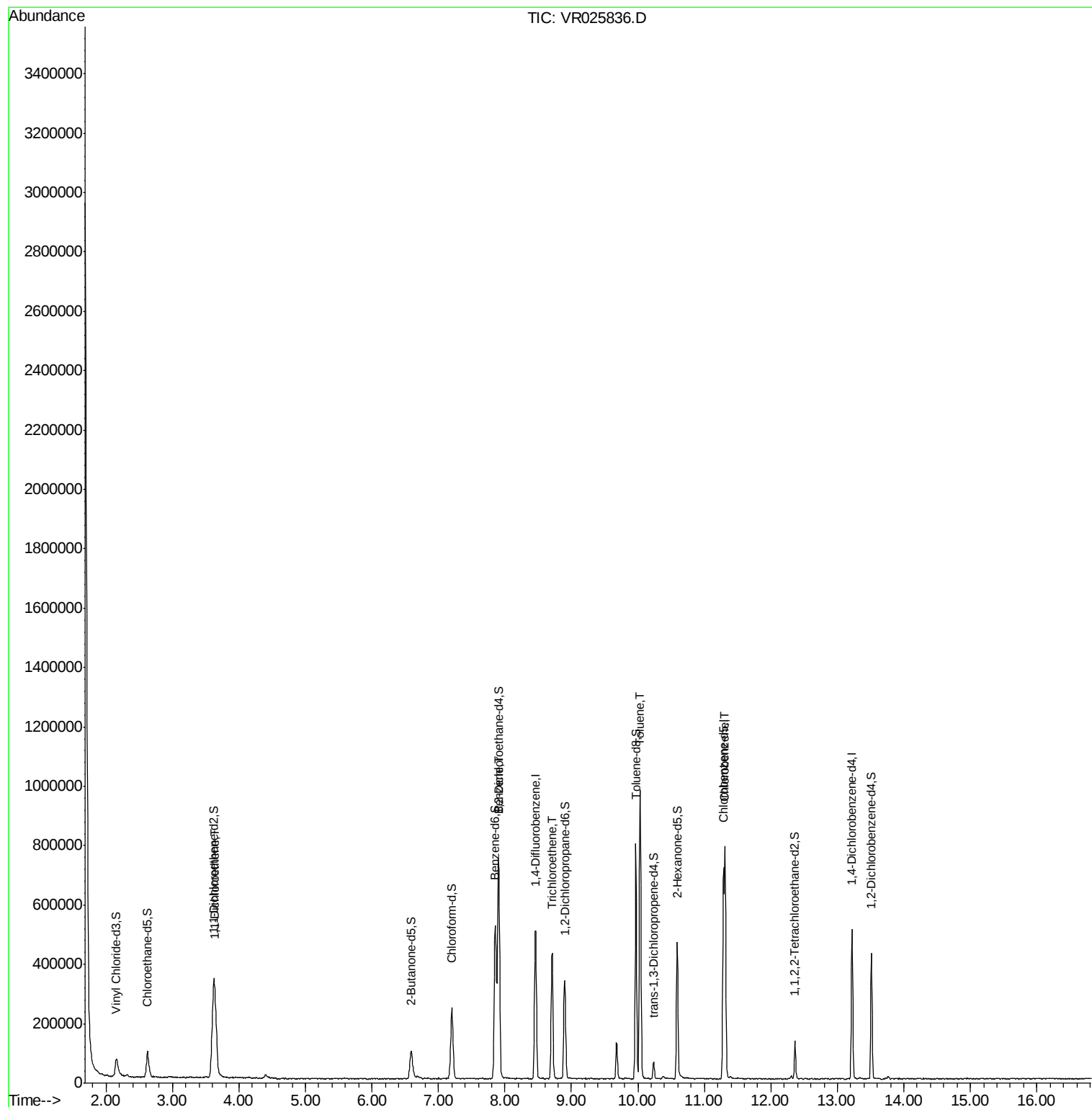
					Qvalue
12) 1,1-Dichloroethene	3.64	96	138587	4.747 ug/L	88
33) Benzene	7.91	78	597321	4.104 ug/L	100
34) Trichloroethene	8.71	95	143998	3.728 ug/L	98
42) Toluene	10.03	91	608791	4.104 ug/L	99
51) Chlorobenzene	11.32	112	299700	3.851 ug/L	97

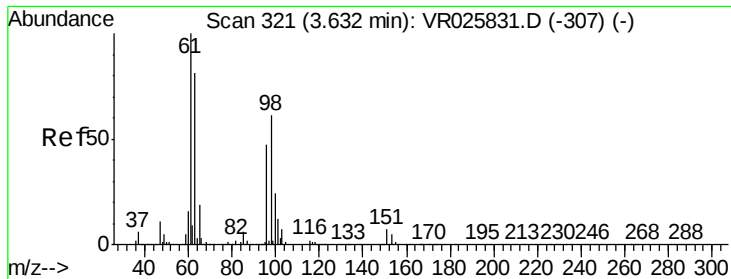
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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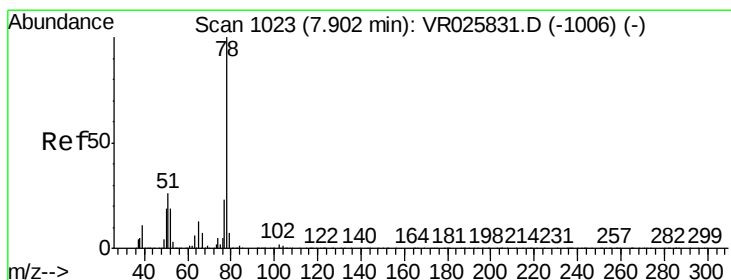
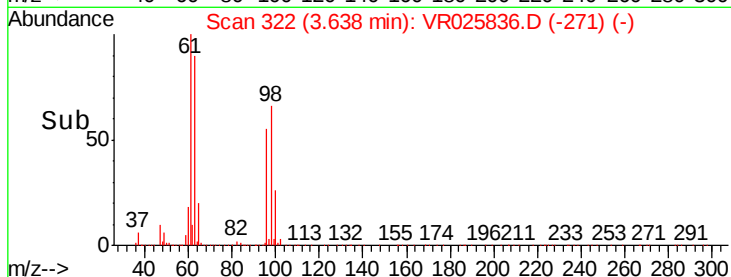
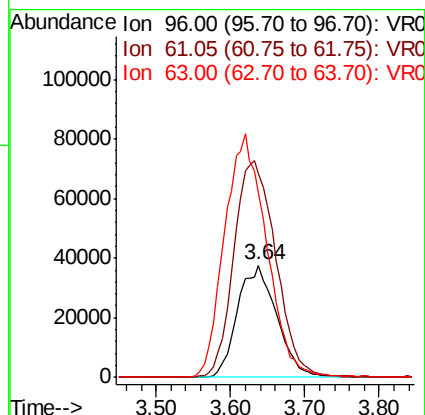
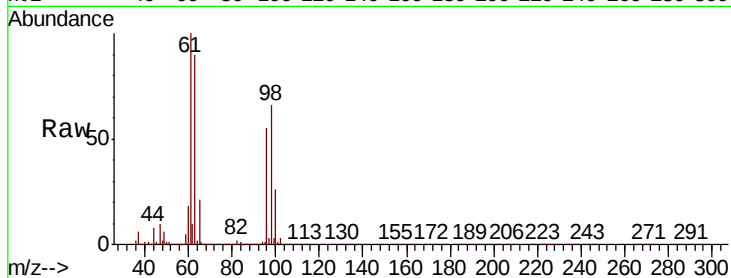




#12
 1,1-Dichloroethene
 Concen: 4.747 ug/L
 RT: 3.64 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VR025836.D
 Acq: 25 Sep 2018 00:42

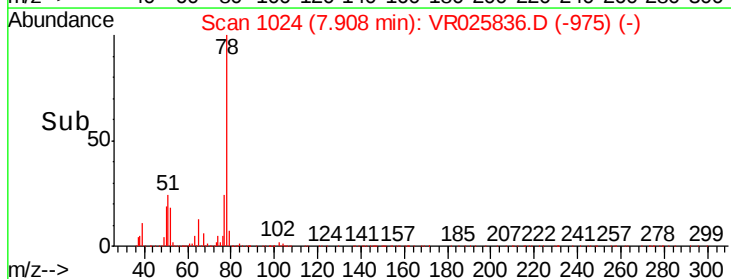
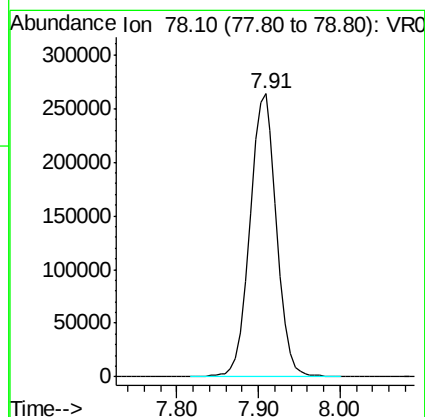
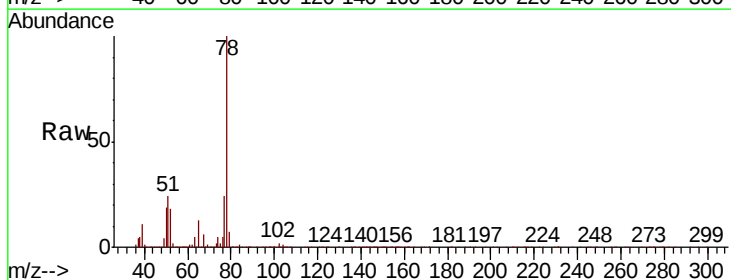
Instrument :
 MSVOA_R
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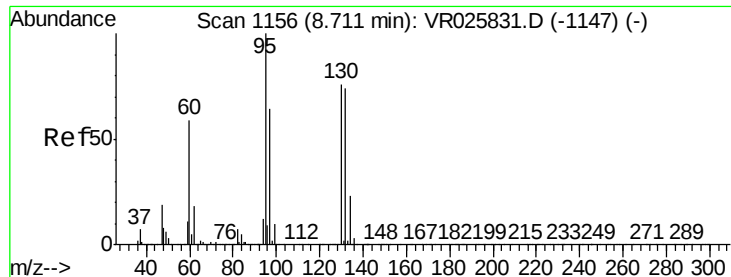
Tgt Ion: 96 Resp: 138587
 Ion Ratio Lower Upper
 96 100
 61 182.6 145.0 269.4
 63 165.0 123.8 230.0



#33
 Benzene
 Concen: 4.104 ug/L
 RT: 7.91 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: VR025836.D
 Acq: 25 Sep 2018 00:42

Tgt Ion: 78 Resp: 597321

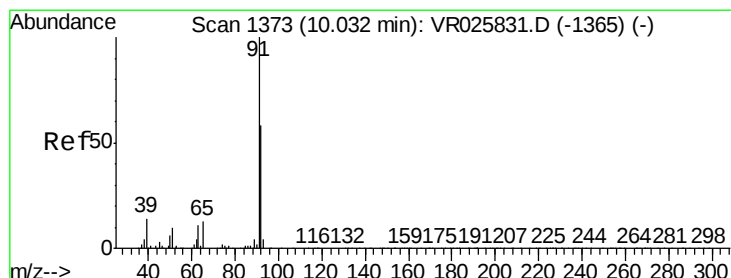
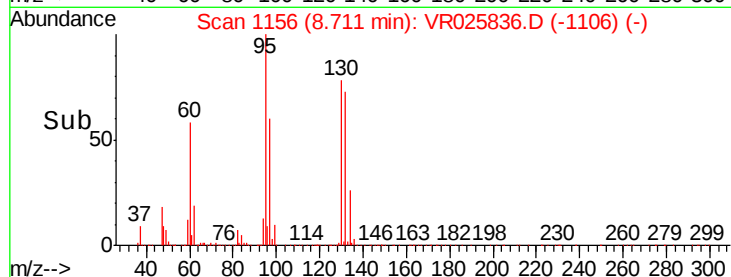
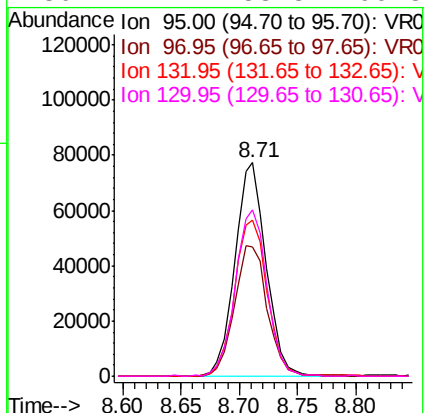
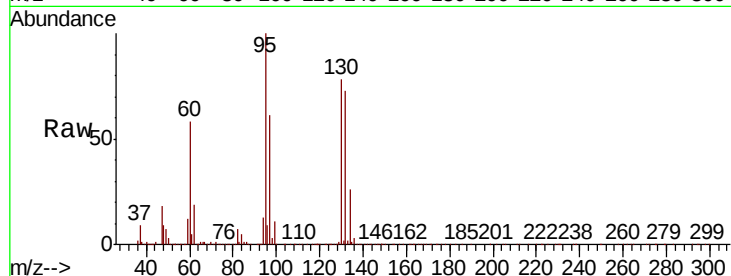




#34
 Trichloroethene
 Concen: 3.728 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: VR025836.D
 Acq: 25 Sep 2018 00:42

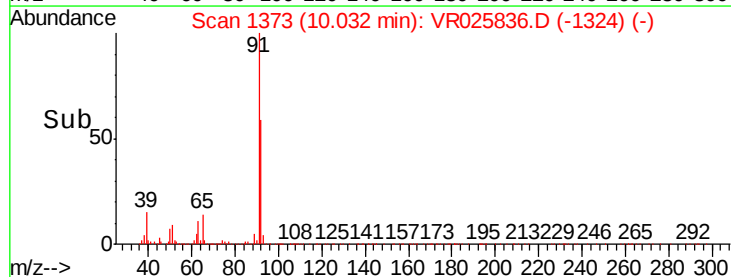
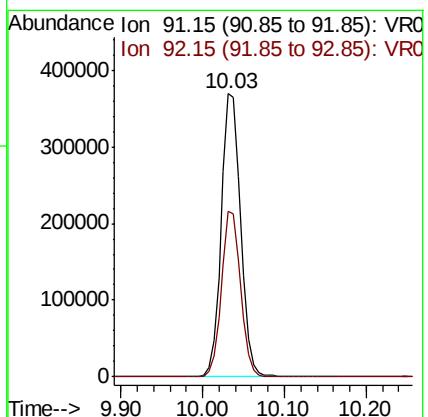
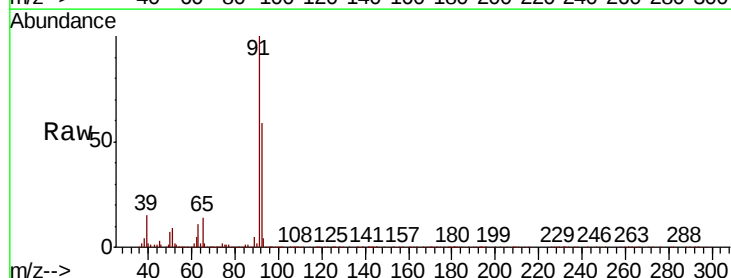
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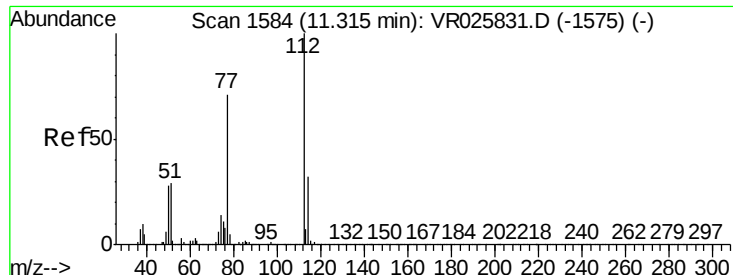
Tgt Ion:	95	Resp:	143998
Ion	Ratio	Lower	Upper
95	100		
97	60.5	43.9	81.5
132	73.2	53.3	98.9
130	77.7	53.8	99.8



#42
 Toluene
 Concen: 4.104 ug/L
 RT: 10.03 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: VR025836.D
 Acq: 25 Sep 2018 00:42

Tgt Ion:	91	Resp:	608791
Ion	Ratio	Lower	Upper
91	100		
92	58.6	41.8	77.6





#51

Chlorobenzene

Concen: 3.851 ug/L

RT: 11.32 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VR025836.D

Acq: 25 Sep 2018 00:42

Instrument :

MSVOA_R

ClientSampleId :

ETO21MSD

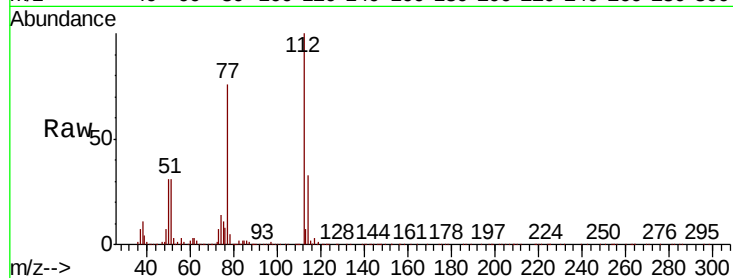
Tgt Ion:112 Resp: 299700

Ion Ratio Lower Upper

112 100

114 33.2 22.7 42.3

77 75.9 58.5 87.7



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): VR0

