

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
 Data File : VU028203.D
 Acq On : 16 Nov 2018 22:56
 Operator : MD/SY
 Sample : J5960-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK7MSD

Quant Time: Nov 17 03:42:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 23:59:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155788	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	149149	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43651	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.68	69	40804	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.28	63	93754	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.20	46	200962	53.60	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.20%
24) Chloroform-d	4.65	84	91062	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.31	65	55111	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.34	84	176505	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.33	67	68251	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.57	98	142491	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.85	79	18799	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.31	63	144034	46.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	51527	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	51961	4.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.60%

Target Compounds

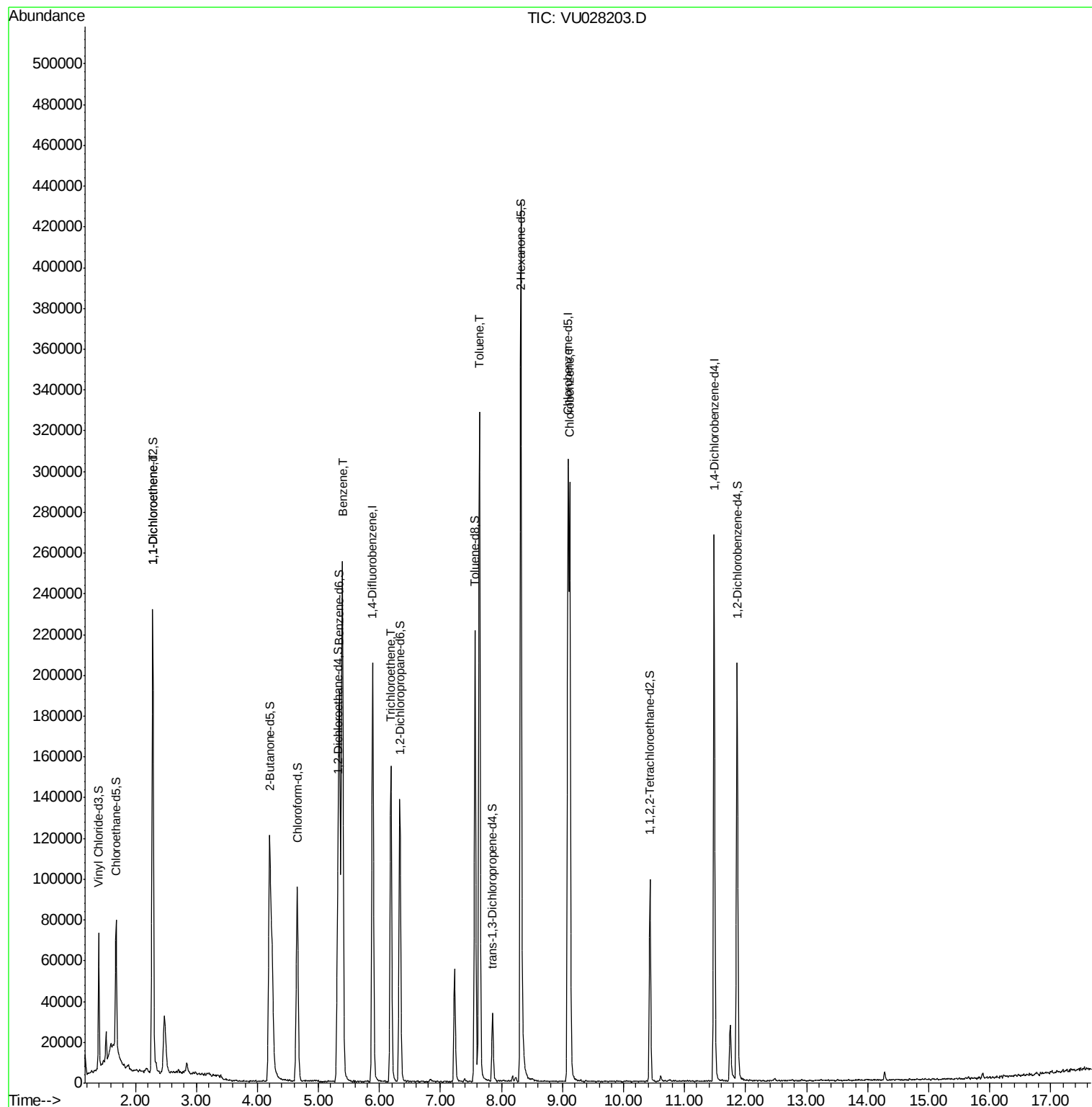
					Qvalue
12) 1,1-Dichloroethene	2.29	96	45632	4.405 ug/L	90
33) Benzene	5.39	78	237778	4.732 ug/L	100
34) Trichloroethene	6.19	95	55207	4.446 ug/L	94
42) Toluene	7.64	91	233769	4.512 ug/L	98
51) Chlorobenzene	9.12	112	136975	4.522 ug/L	97

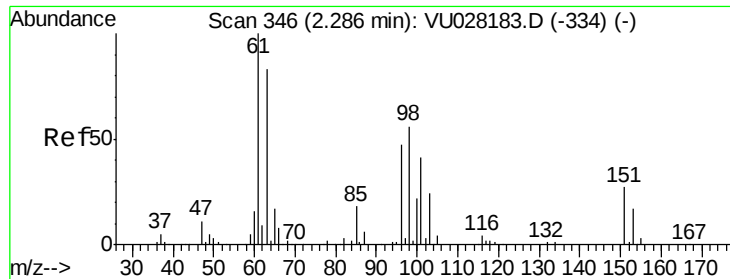
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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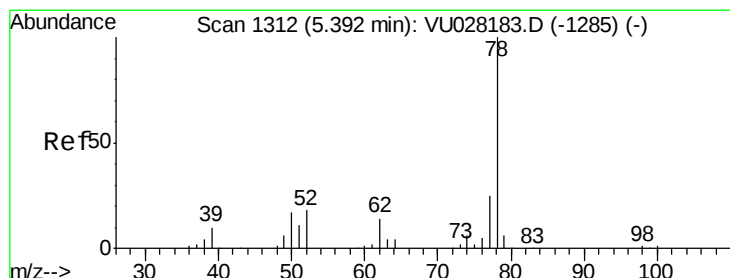
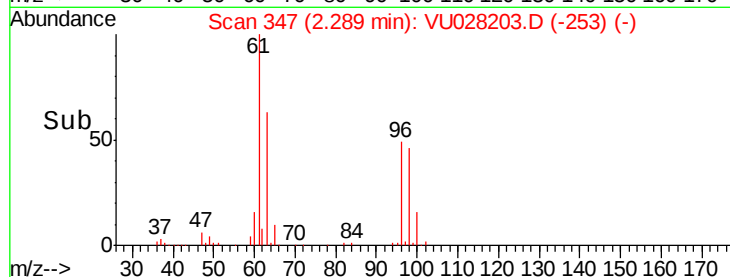
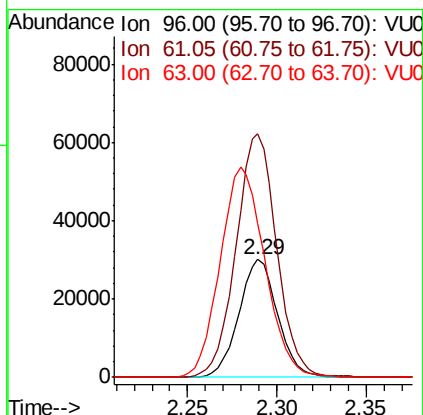
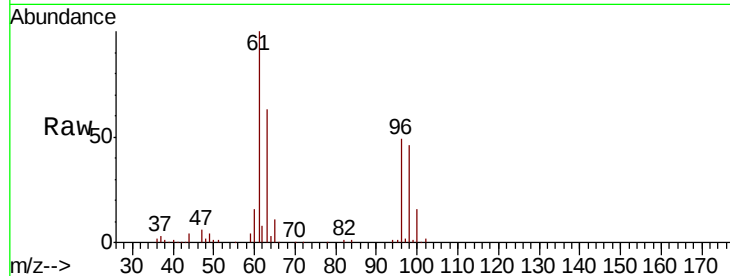




#12
 1,1-Dichloroethene
 Concen: 4.405 ug/L
 RT: 2.29 min Scan# 347
 Delta R.T. 0.00 min
 Lab File: VU028203.D
 Acq: 16 Nov 2018 22:56

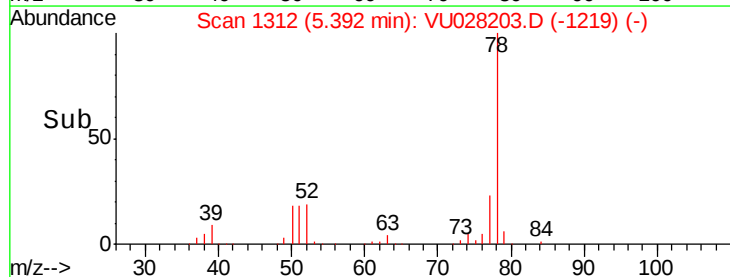
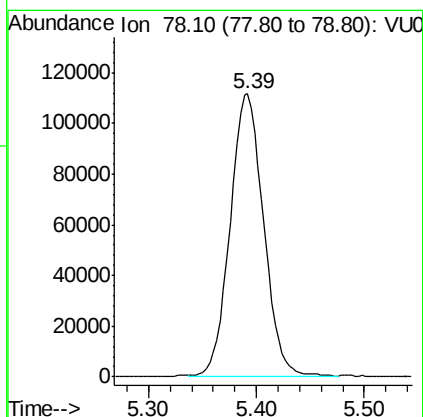
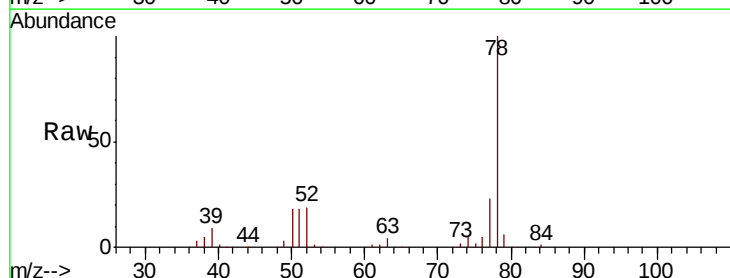
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK7MSD

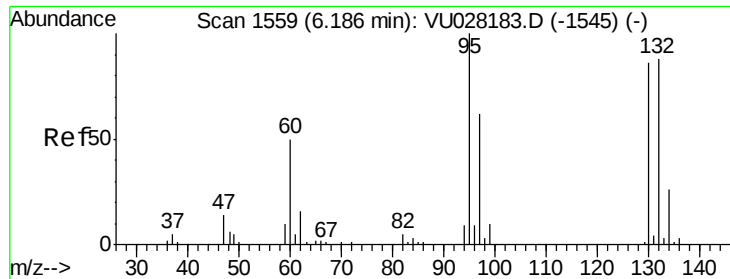
Tgt Ion: 96 Resp: 45632
 Ion Ratio Lower Upper
 96 100
 61 206.2 134.8 250.3
 63 130.6 100.1 185.9



#33
 Benzene
 Concen: 4.732 ug/L
 RT: 5.39 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: VU028203.D
 Acq: 16 Nov 2018 22:56

Tgt Ion: 78 Resp: 237778





#34

Trichloroethene

Concen: 4.446 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028203.D

Acq: 16 Nov 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

C0AK7MSD

Tgt Ion: 95 Resp: 55207

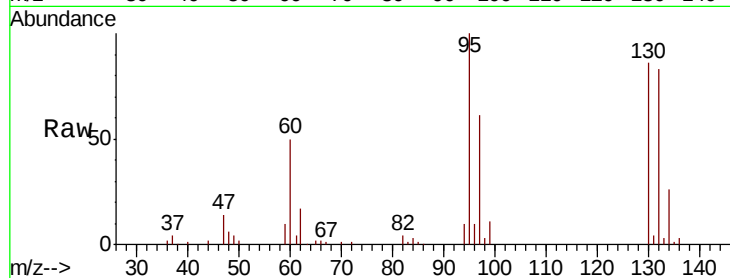
Ion Ratio Lower Upper

95 100

97 61.0 45.3 84.1

132 82.8 63.0 117.0

130 85.9 63.6 118.2

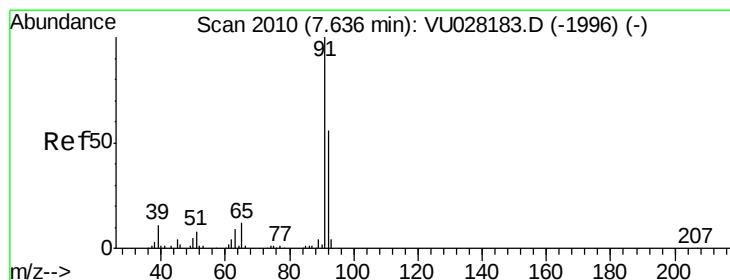
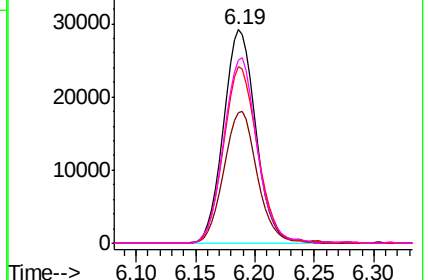
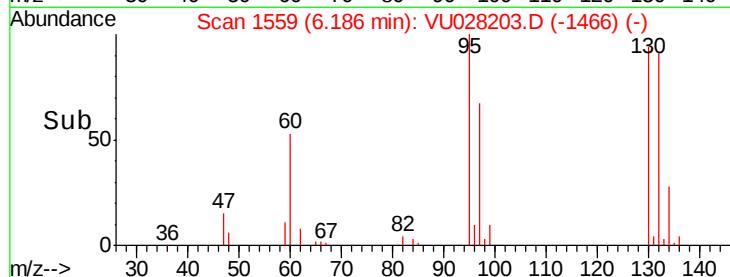


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 4.512 ug/L

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028203.D

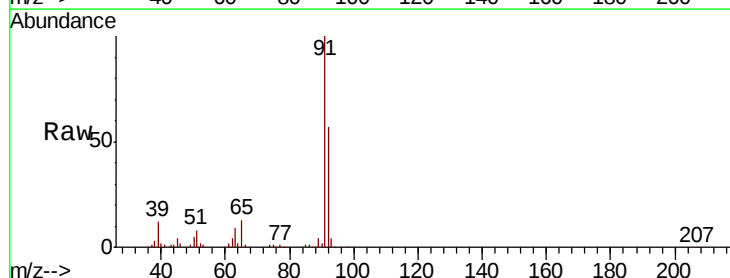
Acq: 16 Nov 2018 22:56

Tgt Ion: 91 Resp: 233769

Ion Ratio Lower Upper

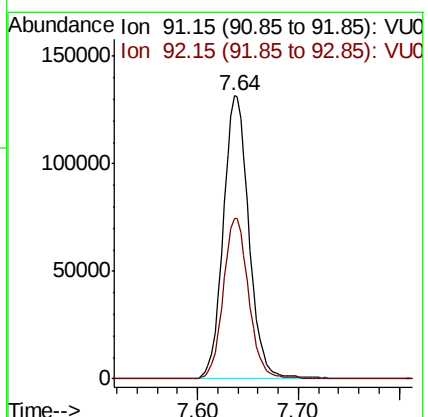
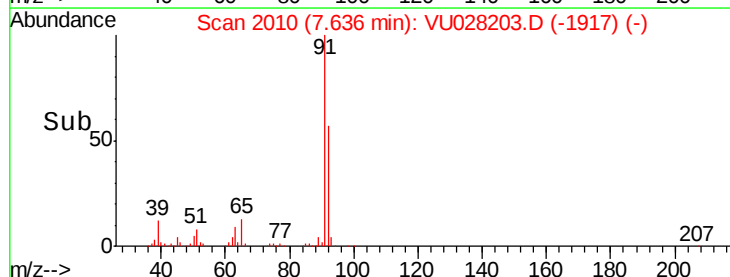
91 100

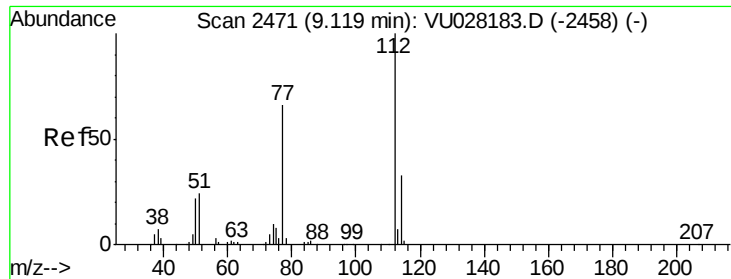
92 56.8 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51

Chlorobenzene

Concen: 4.522 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU028203.D

Acq: 16 Nov 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

C0AK7MSD

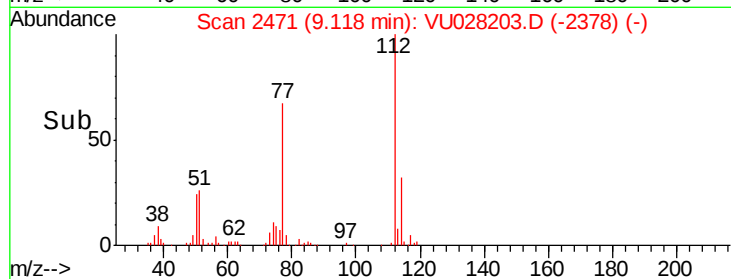
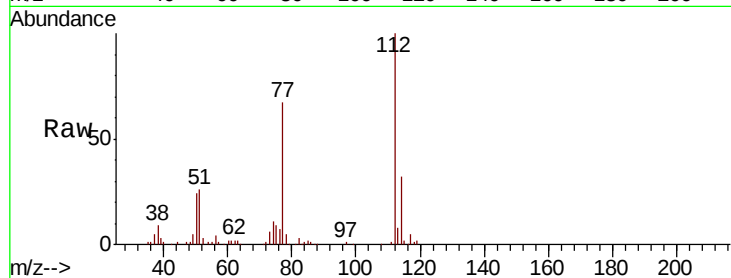
Tgt Ion:112 Resp: 136975

Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 67.2 51.3 76.9



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): VU0

