

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038721.D
 Acq On : 09 Jun 2020 13:59
 Operator : SY/MD
 Sample : L2896-08MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9MS

Quant Time: Jun 10 02:31:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	567956	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	553677	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	264570	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	167285	52.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.44%
7) Chloroethane-d5	1.93	69	136697	55.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.06%
11) 1,1-Dichloroethene-d2	2.59	63	345748	49.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.98%
21) 2-Butanone-d5	4.66	46	335051	108.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.53%
24) Chloroform-d	5.10	84	344240	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	5.74	65	234127	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
32) Benzene-d6	5.76	84	720179	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.72	67	219623	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.86%
41) Toluene-d8	7.92	98	627977	52.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	8.20	79	107488	51.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.88%
47) 2-Hexanone-d5	8.65	63	251695	115.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	308662	50.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.68%
64) 1,2-Dichlorobenzene-d4	12.20	152	250569	54.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.10%

Target Compounds

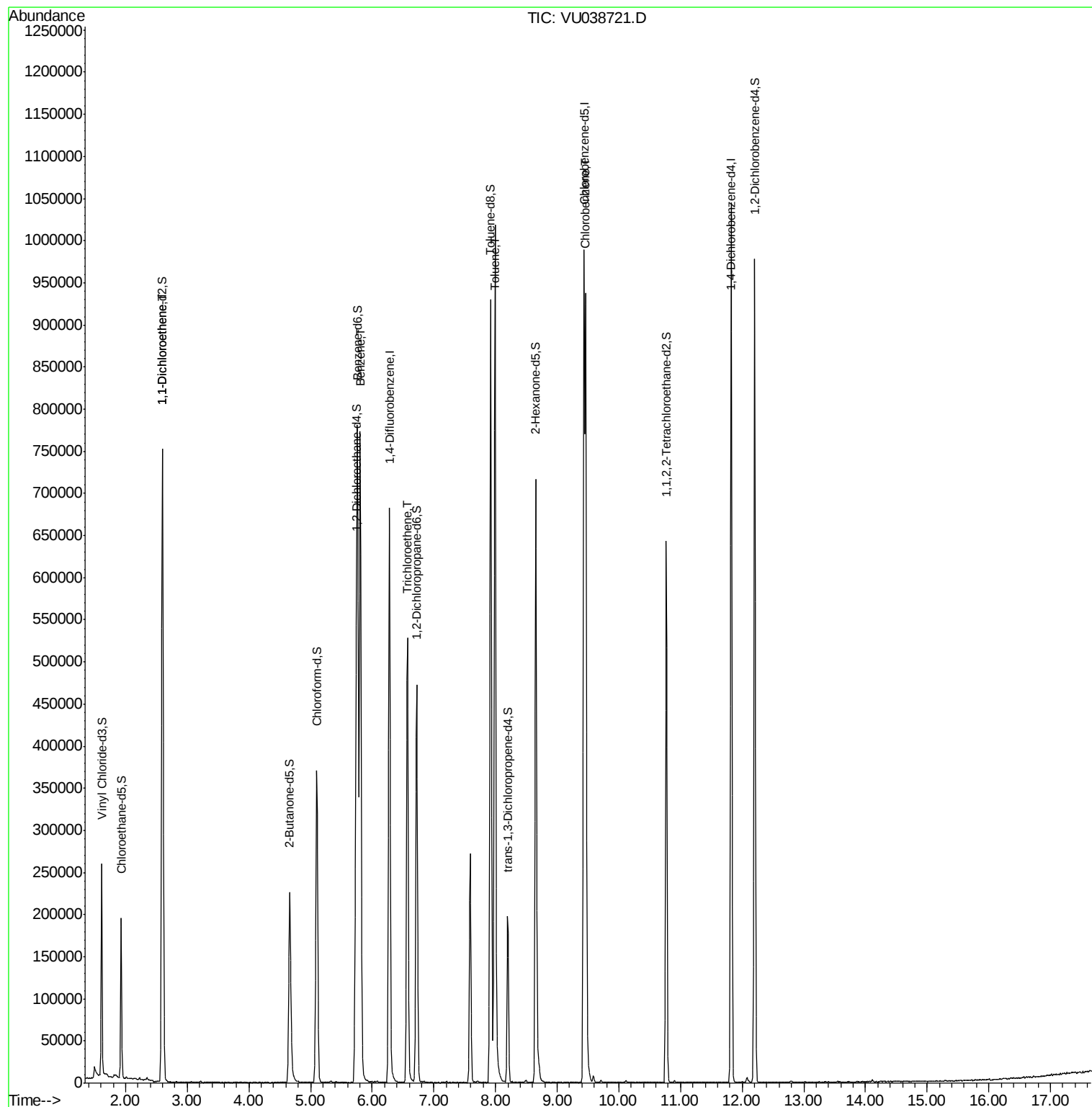
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	154138	42.876	ug/L	# 86
33) Benzene	5.81	78	725738	44.140	ug/L	100
34) Trichloroethene	6.57	95	177835	42.527	ug/L	98
42) Toluene	7.99	91	762840	44.373	ug/L	99
51) Chlorobenzene	9.47	112	484542	43.872	ug/L	99

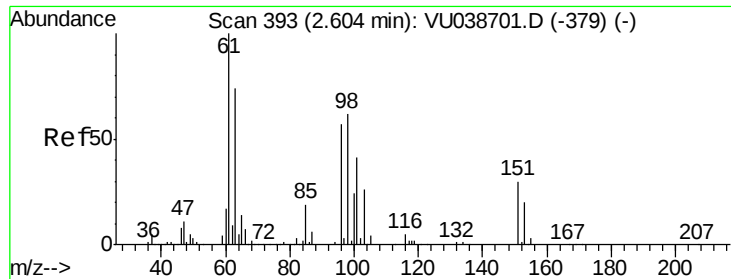
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 42.876 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

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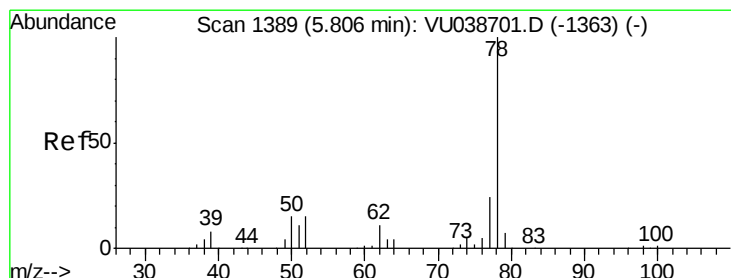
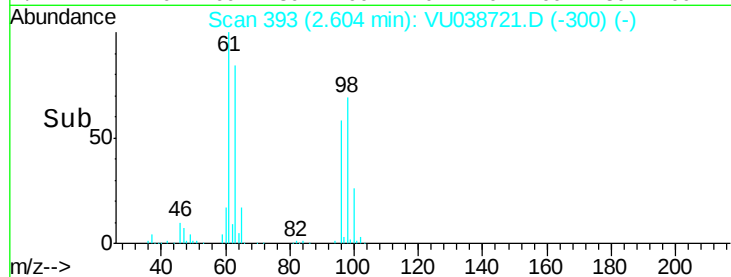
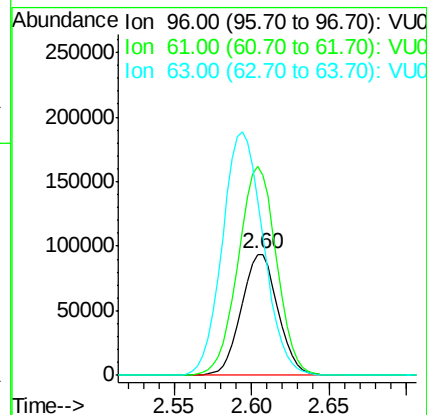
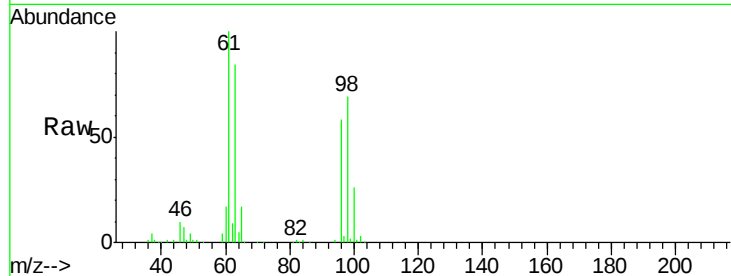
Tot Ion: 96 Resp: 154138

Ion Ratio Lower Upper

96 100

61 172.4 120.0 223.0

63 144.1 75.8 140.8#



#33

Benzene

Concen: 44.140 ug/L

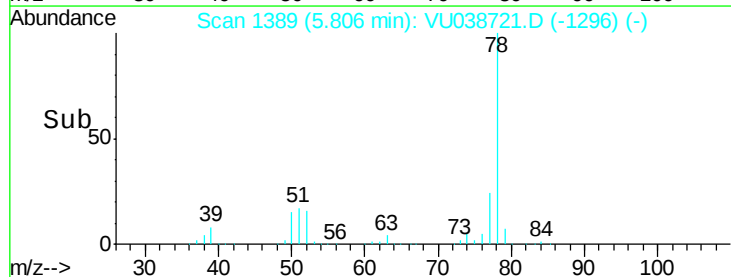
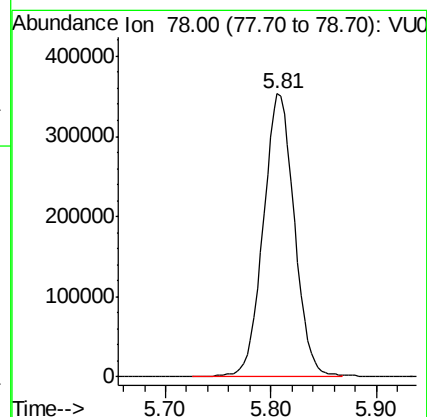
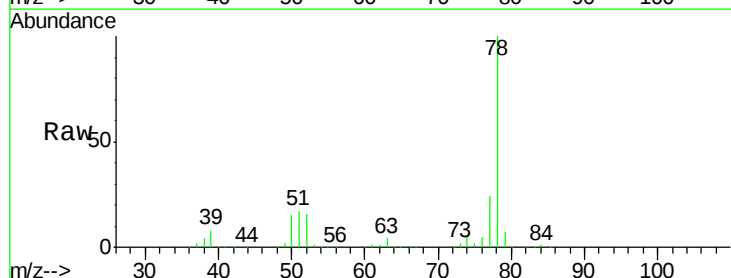
RT: 5.81 min Scan# 1389

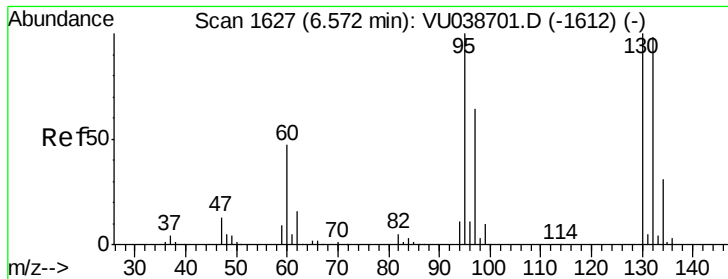
Delta R.T. -0.00 min

Lab File: VU038721.D

Acq: 09 Jun 2020 13:59

Tgt Ion: 78 Resp: 725738

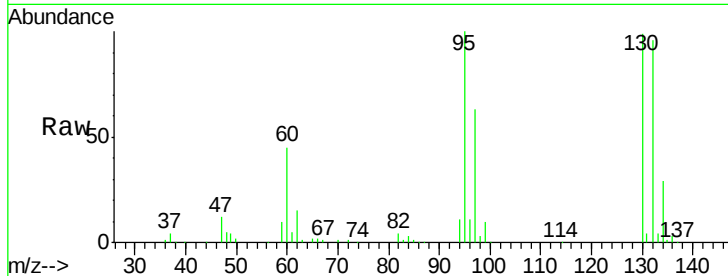




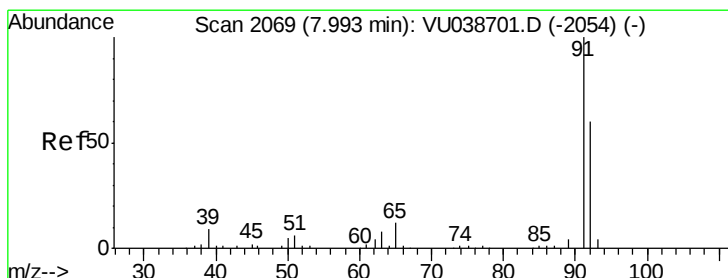
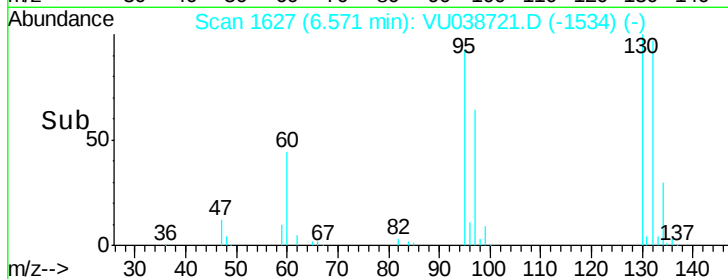
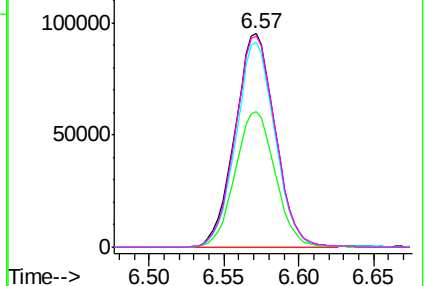
#34
 Trichloroethene
 Concen: 42.527 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038721.D
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Tot Ion:	95	Resp:	177835
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.4	82.4
132	96.2	64.9	120.5
130	99.2	68.6	127.4

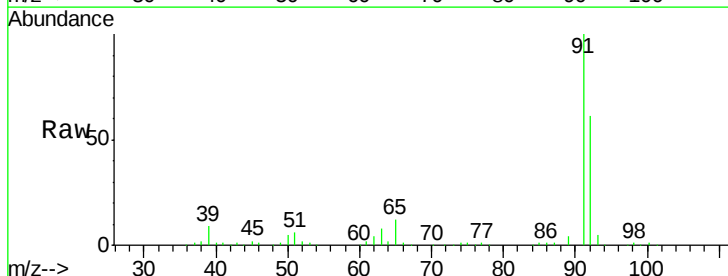


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

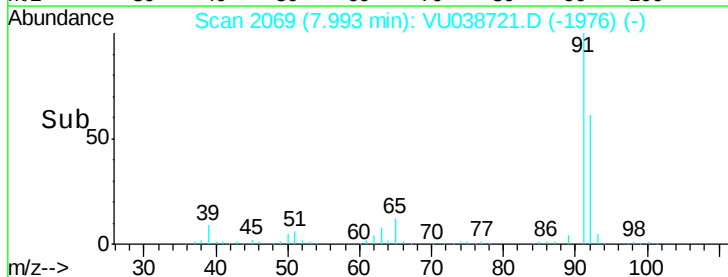
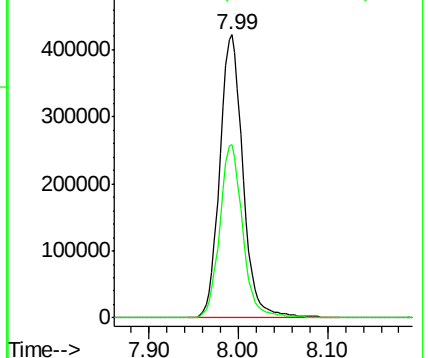


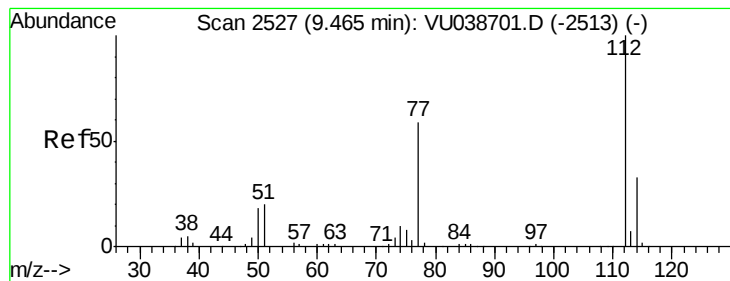
#42
 Toluene
 Concen: 44.373 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU038721.D
 Acq: 09 Jun 2020 13:59

Tgt Ion:	91	Resp:	762840
Ion	Ratio	Lower	Upper
91	100		
92	61.3	42.2	78.4



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





#51

Chlorobenzene

Concen: 43.872 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038721.D

Acq: 09 Jun 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

EW0G9MS

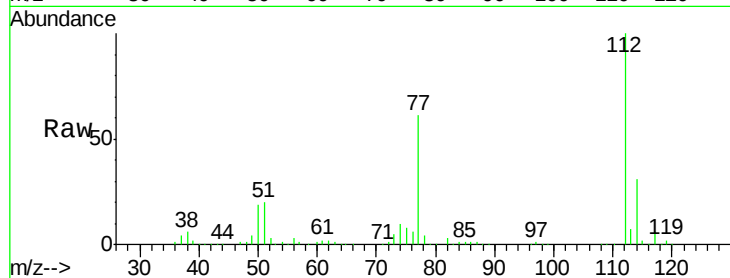
Tot Ion:112 Resp: 484542

Ion Ratio Lower Upper

112 100

114 31.3 22.2 41.2

77 60.5 47.9 71.9



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

