

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
 Data File : VU023735.D
 Acq On : 08 May 2018 14:20
 Operator : MD/SY
 Sample : J2717-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 10 15:03:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 09 03:02:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	235388	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	230281	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	109481	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109493	59.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.94%
7) Chloroethane-d5	1.68	69	85665	62.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.60%
11) 1,1-Dichloroethene-d2	2.27	63	197325	57.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.68%
21) 2-Butanone-d5	4.18	46	179419	132.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.41%#
24) Chloroform-d	4.65	84	186254	60.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.66%
26) 1,2-Dichloroethane-d4	5.31	65	128553	64.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.80%#
32) Benzene-d6	5.35	84	405281	61.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.86%
36) 1,2-Dichloropropane-d6	6.34	67	137651	63.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	127.58%#
41) Toluene-d8	7.57	98	368833	60.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.50%#
43) trans-1,3-Dichloropropene-	7.85	79	57605	61.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.40%
47) 2-Hexanone-d5	8.31	63	129504	134.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	134.34%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	181840	62.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	124.40%#
64) 1,2-Dichlorobenzene-d4	11.87	152	146793	64.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.46%#

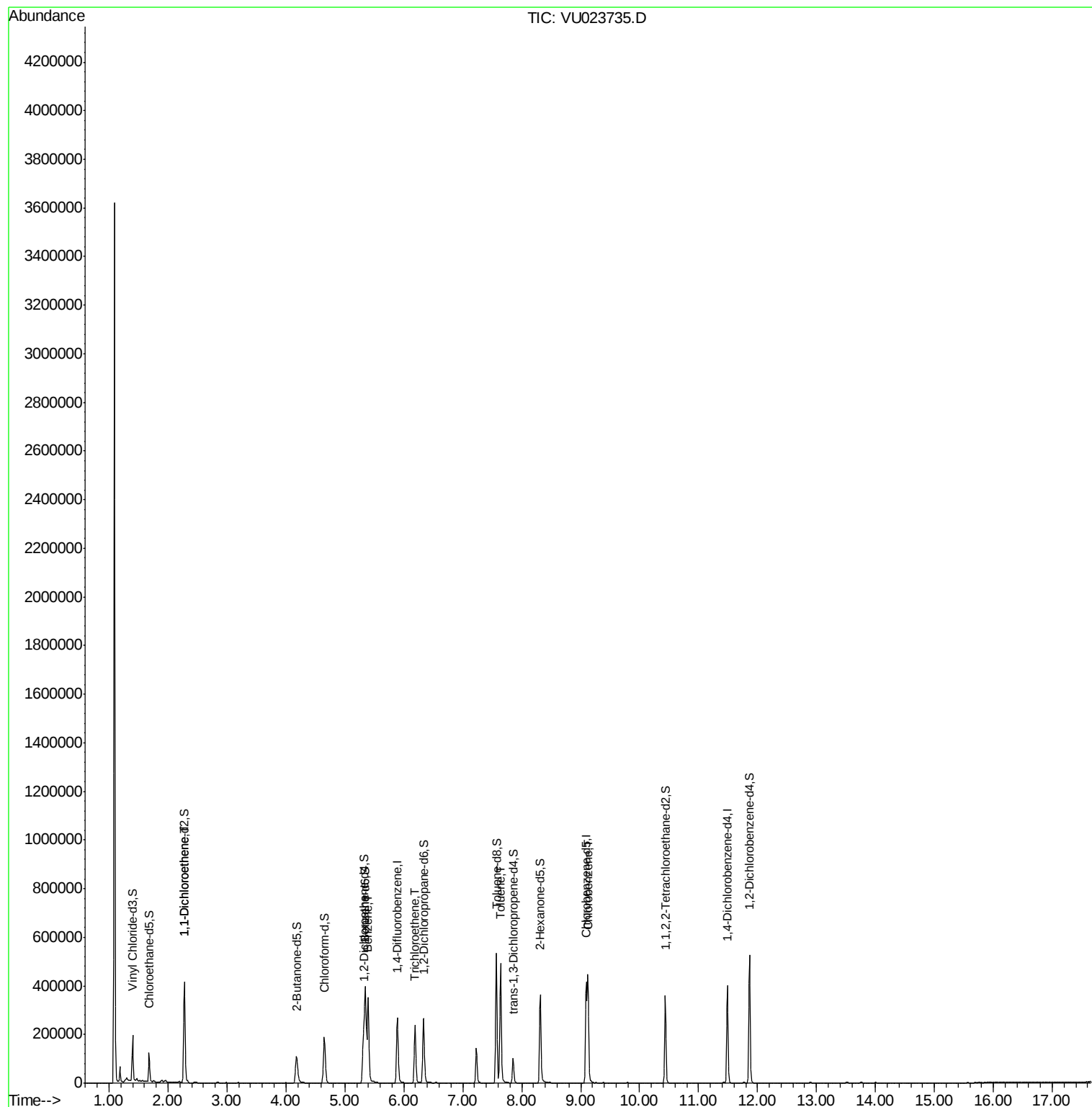
Target Compounds

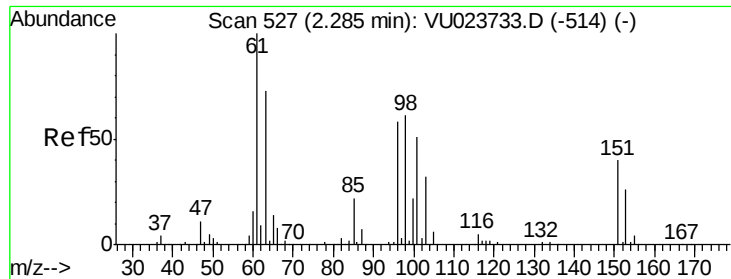
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	73859	45.42	ug/L	94
33) Benzene	5.39	78	354153	45.64	ug/L	100
34) Trichloroethene	6.19	95	86631	43.73	ug/L	98
42) Toluene	7.64	91	363871	44.88	ug/L	98
51) Chlorobenzene	9.12	112	237043	43.60	ug/L	100

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

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#12

1,1-Dichloroethene

Concen: 45.42 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023735.D

Acq: 08 May 2018 14:20

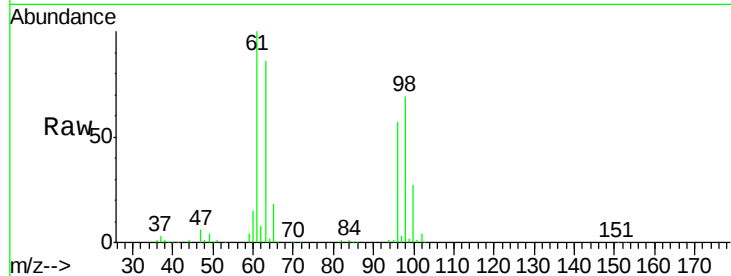
Tot Ion: 96 Resp: 73859

Ion Ratio Lower Upper

96 100

61 176.1 126.4 234.8

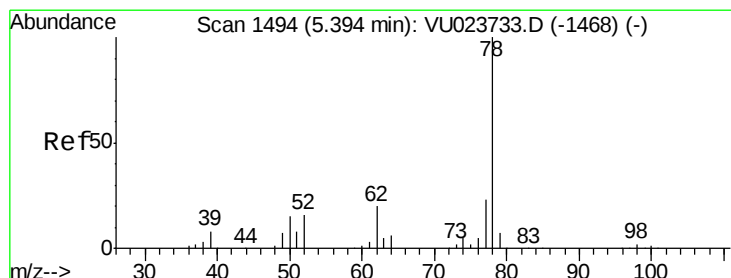
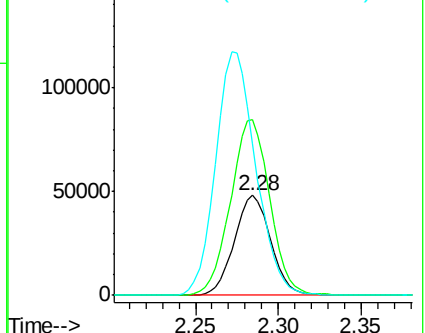
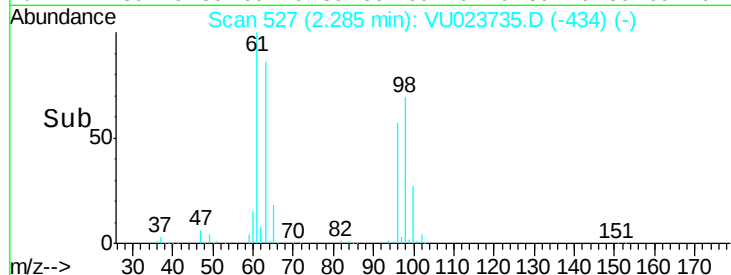
63 151.5 97.3 180.7



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: 45.64 ug/L

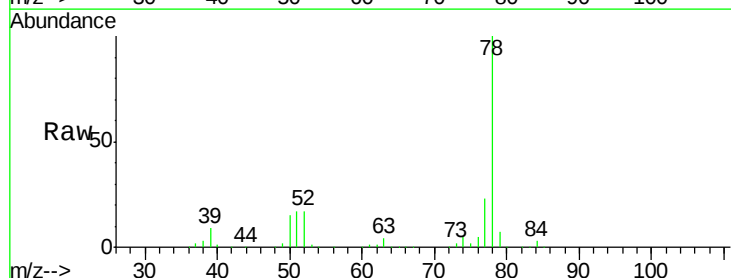
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

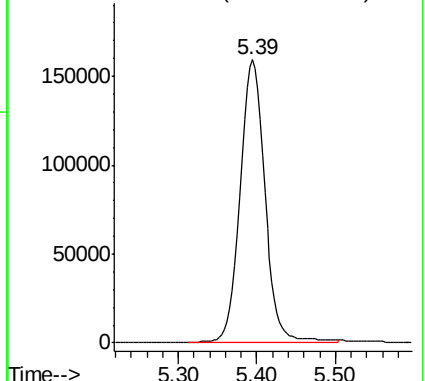
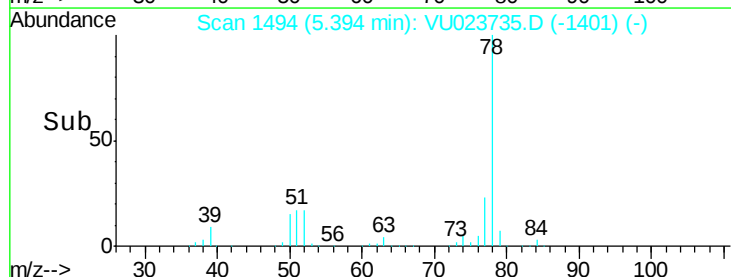
Lab File: VU023735.D

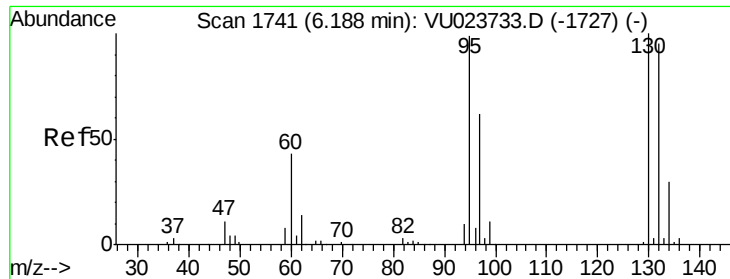
Acq: 08 May 2018 14:20

Tgt Ion: 78 Resp: 354153



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 43.73 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023735.D

Acq: 08 May 2018 14:20

Tot Ion: 95 Resp: 86631

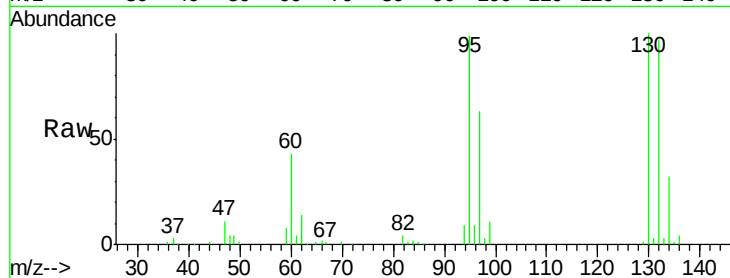
Ion Ratio Lower Upper

95 100

97 64.1 44.2 82.2

132 98.3 67.8 125.8

130 101.5 69.6 129.2

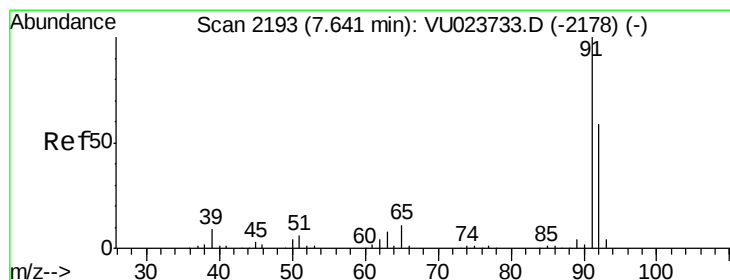
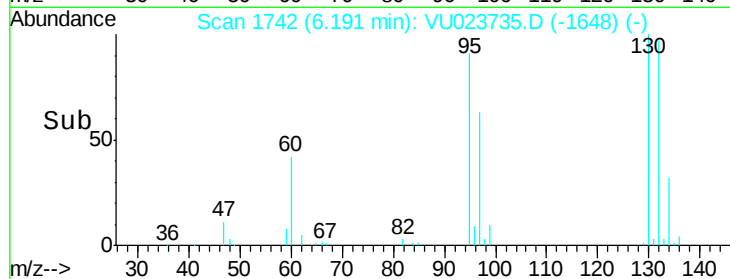
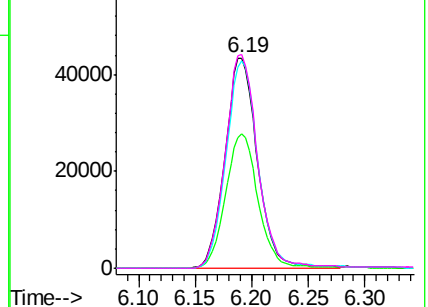


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 44.88 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023735.D

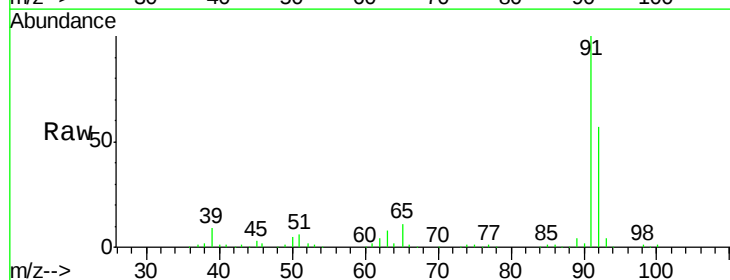
Acq: 08 May 2018 14:20

Tgt Ion: 91 Resp: 363871

Ion Ratio Lower Upper

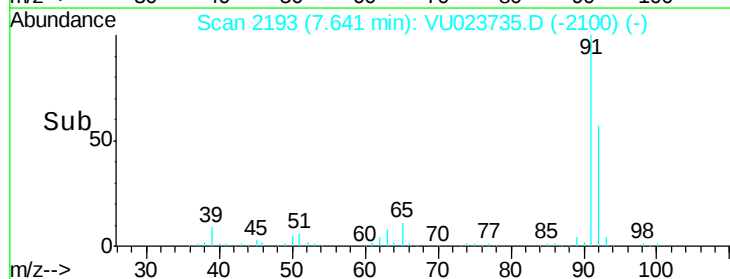
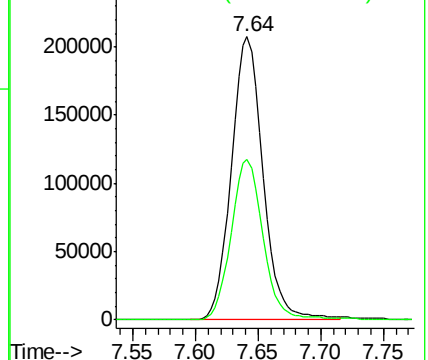
91 100

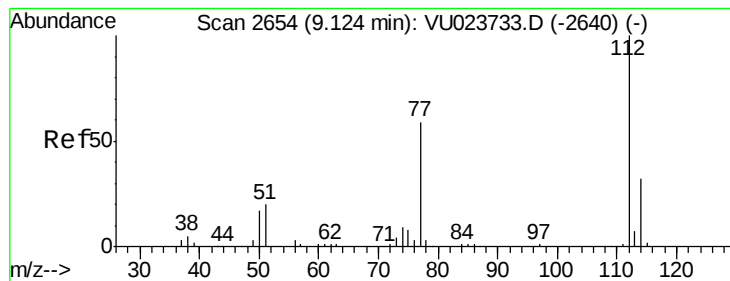
92 56.8 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#51

Chlorobenzene

Concen: 43.60 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU023735.D

Acq: 08 May 2018 14:20

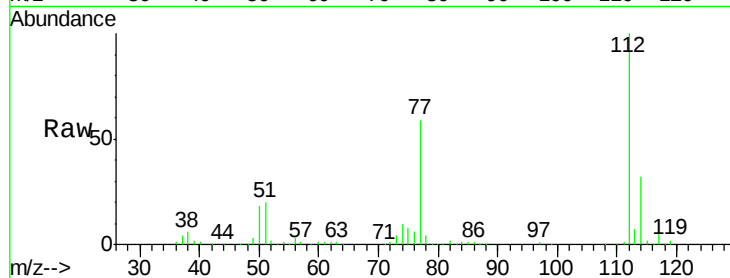
Tot Ion:112 Resp: 237043

Ion Ratio Lower Upper

112 100

114 32.1 22.6 42.0

77 58.6 46.9 70.3



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

