

Data File : VU034601.D
Acq On : 17 Sep 2019 06:15
Operator : JC/SP
Sample : K4894-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMQ5

Quant Time: Sep 17 06:44:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 05:01:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	251044	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	229477	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	92625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54688	45.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.30%
7) Chloroethane-d5	1.67	69	47804	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.64%
11) 1,1-Dichloroethene-d2	2.26	63	91153	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.56%
21) 2-Butanone-d5	4.15	46	148940	109.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.06%
24) Chloroform-d	4.62	84	140947	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
26) 1,2-Dichloroethane-d4	5.29	65	91992	54.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.66%
32) Benzene-d6	5.32	84	265402	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.31	67	102241	54.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.86%
41) Toluene-d8	7.54	98	250934	51.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.44%
43) trans-1,3-Dichloropropene-	7.83	79	44002	49.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.22%
47) 2-Hexanone-d5	8.29	63	103252	101.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.33%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	152699	52.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.06%
64) 1,2-Dichlorobenzene-d4	11.84	152	91515	55.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.78%

Target Compounds

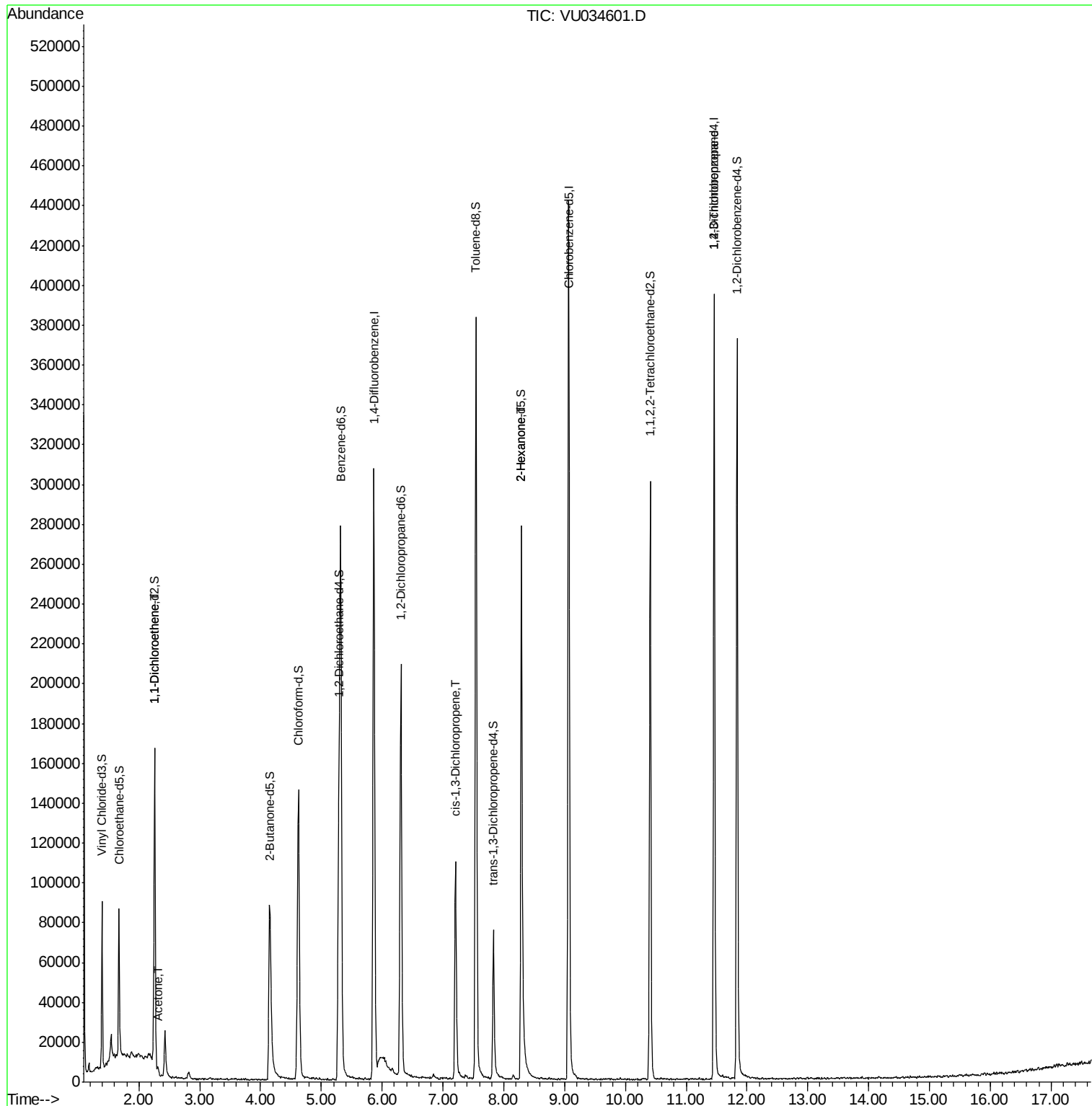
					Qvalue
12) 1,1-Dichloroethene	2.26	96	946	0.793 ug/L #	1
13) Acetone	2.31	43	2728	2.223 ug/L	96
39) cis-1,3-Dichloropropene	7.20	75	3094	1.166 ug/L	89
48) 2-Hexanone	8.29	43	12153	5.264 ug/L #	68
59) 1,2,3-Trichloropropane	11.46	75	15568	6.451 ug/L	91

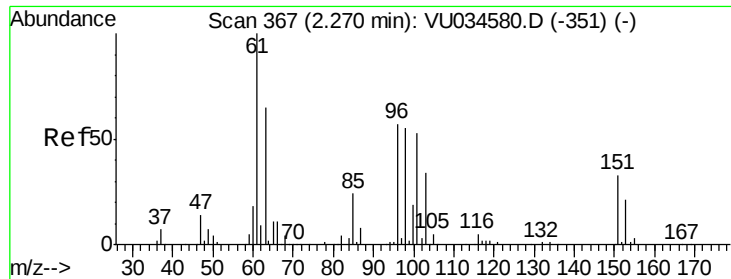
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.793 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU034601.D

Acq: 17 Sep 2019 06:15

Instrument :

MSVOA_U

ClientSampleId :

COMQ5

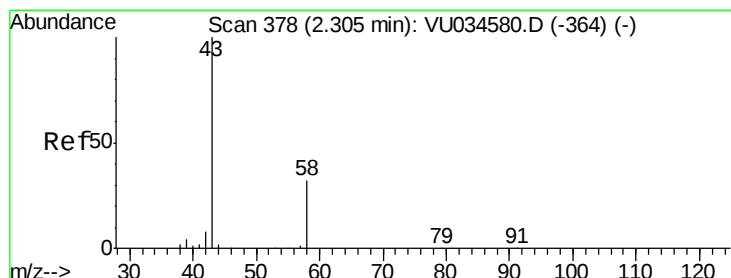
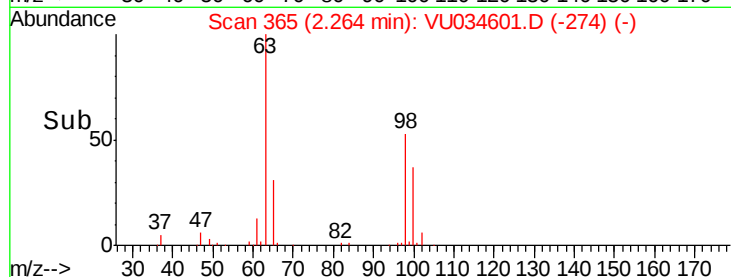
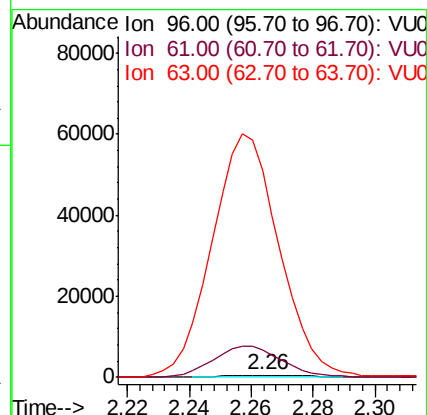
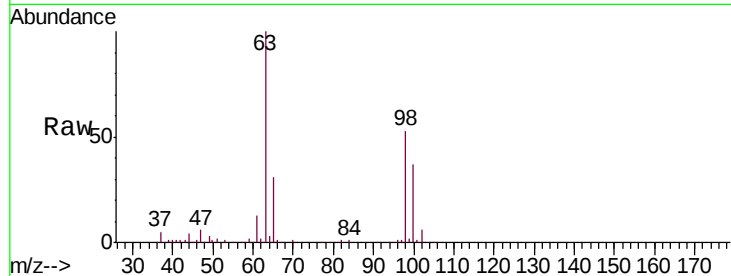
Tgt Ion: 96 Resp: 946

Ion Ratio Lower Upper

96 100

61 1305.2 117.8 218.8#

63 9874.4 83.8 155.6#



#13

Acetone

Concen: 2.223 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU034601.D

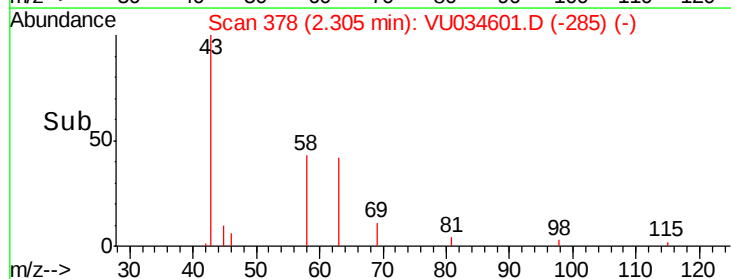
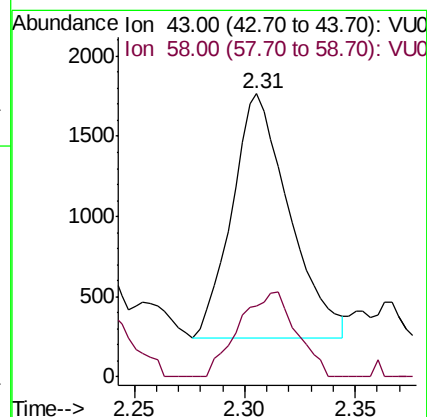
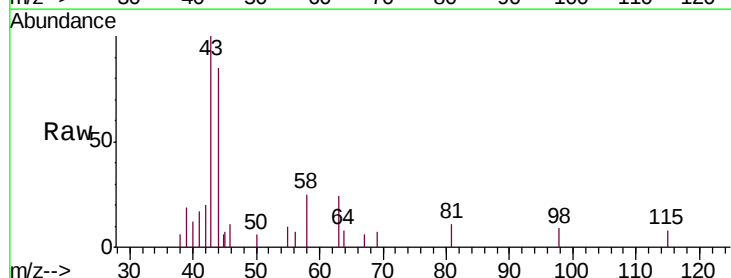
Acq: 17 Sep 2019 06:15

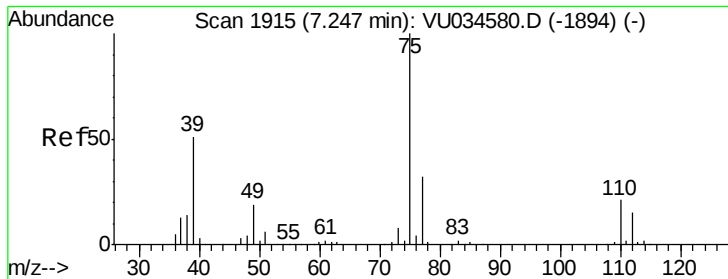
Tgt Ion: 43 Resp: 2728

Ion Ratio Lower Upper

43 100

58 34.9 0.0 65.0

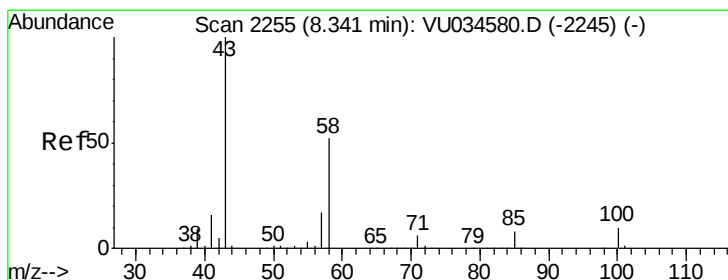
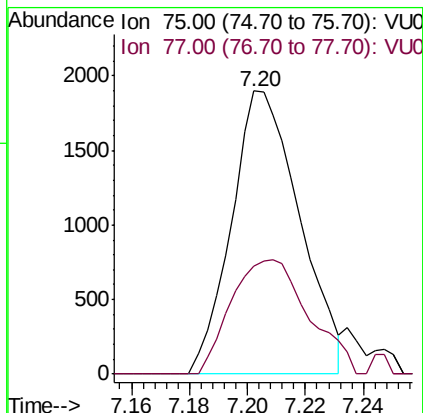
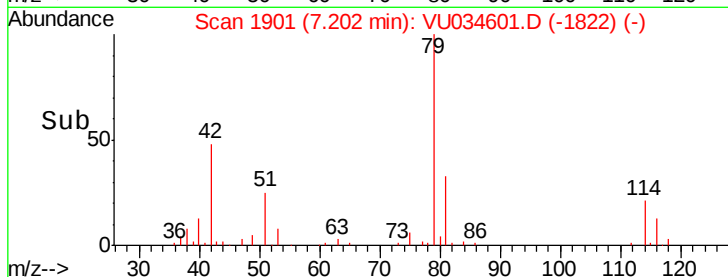
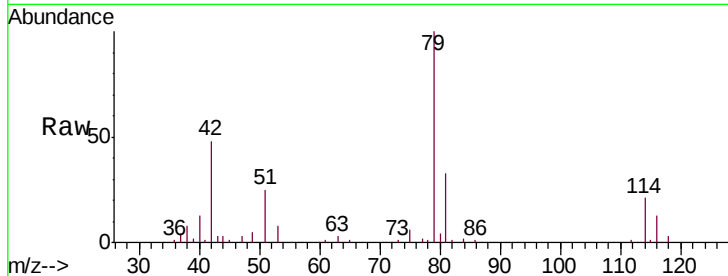




#39
 cis-1,3-Dichloropropene
 Concen: 1.166 ug/L
 RT: 7.20 min Scan# 1901
 Delta R.T. -0.05 min
 Lab File: VU034601.D
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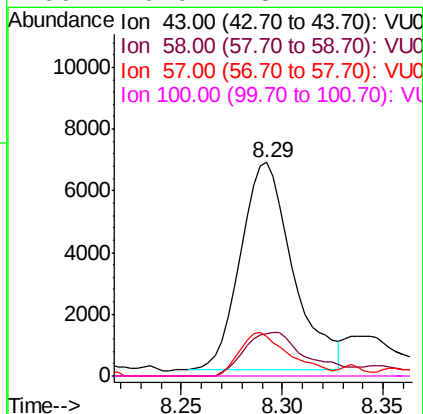
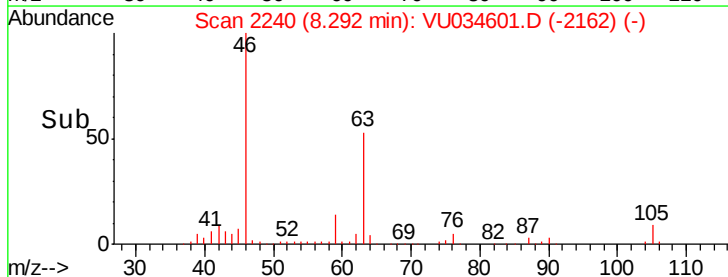
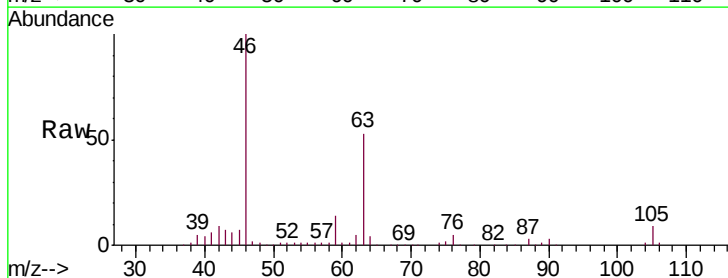
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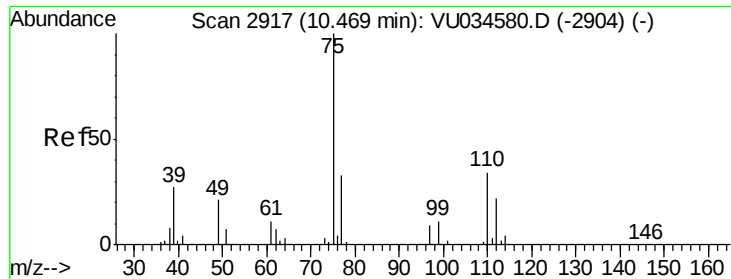
Tgt Ion: 75 Resp: 3094
 Ion Ratio Lower Upper
 75 100
 77 38.1 22.3 41.3



#48
 2-Hexanone
 Concen: 5.264 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU034601.D
 Acq: 17 Sep 2019 06:15

Tgt Ion: 43 Resp: 12153
 Ion Ratio Lower Upper
 43 100
 58 25.0 43.3 64.9#
 57 20.0 13.1 19.7#
 100 0.0 8.2 12.4#





#59

1,2,3-Trichloropropane

Concen: 6.451 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034601.D

Acq: 17 Sep 2019 06:15

Instrument :

MSVOA_U

ClientSampleId :

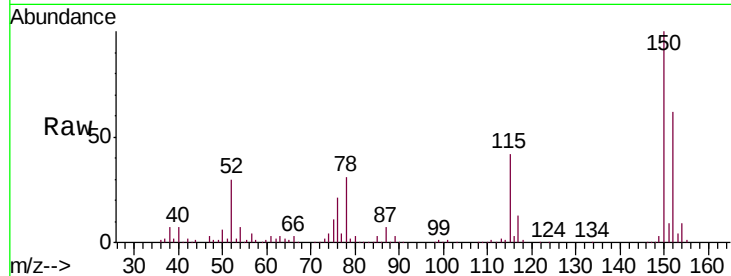
COMQ5

Tgt Ion: 75 Resp: 15568

Ion Ratio Lower Upper

75 100

77 37.5 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

