

Data File : VU035978.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6105-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE30

Quant Time: Dec 05 03:59:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	289105	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	312100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98588	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	138145	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.93	69	119069	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.59	63	152029	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.70	46	305794	52.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.80%
24) Chloroform-d	5.11	84	210458	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.75	65	117376	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.77	84	404186	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.73	67	133626	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.93	98	322089	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	8.22	79	48837	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.68	63	223259	46.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.92%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	122901	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	105028	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

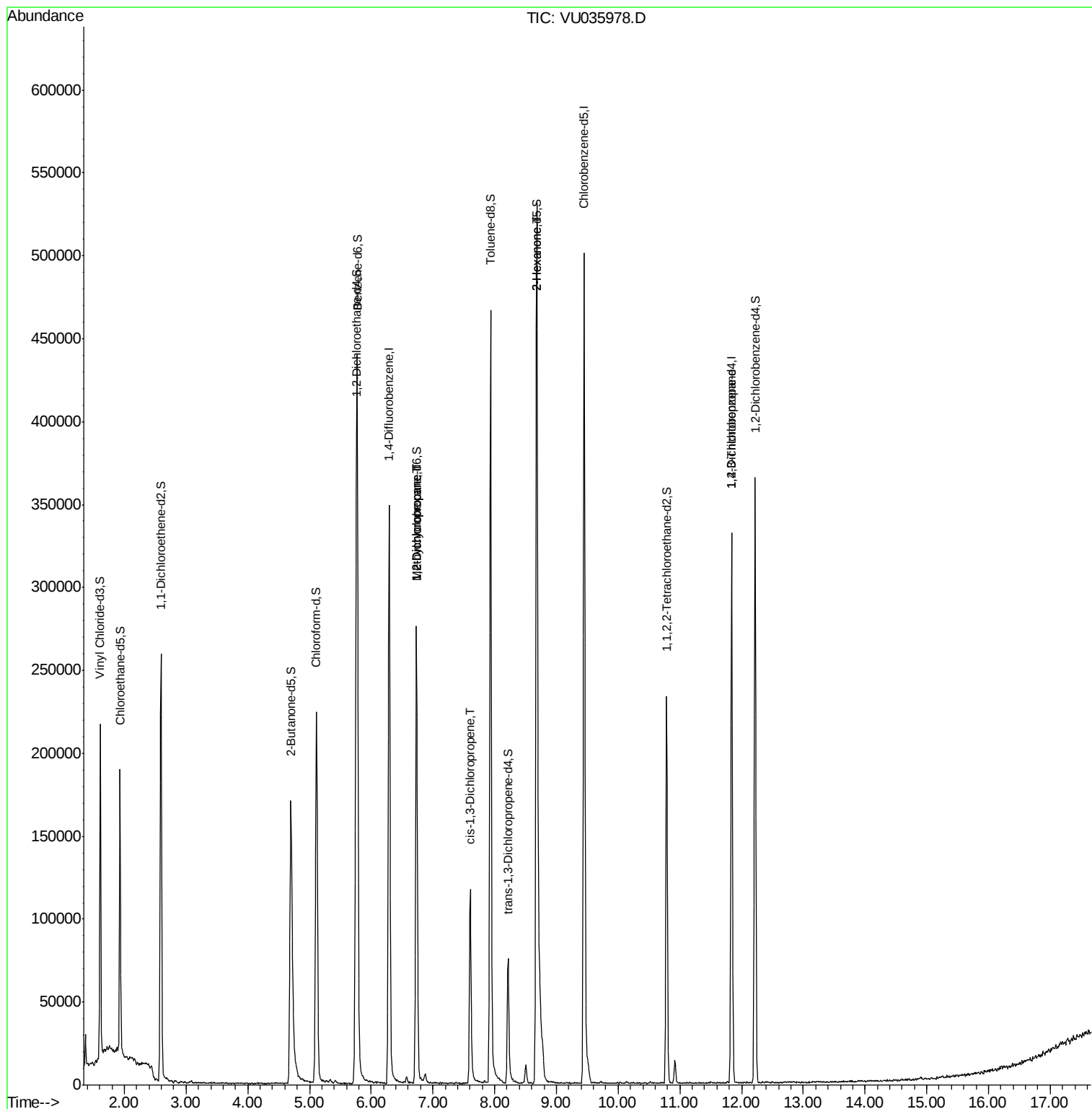
					Qvalue
35) Methylcyclohexane	6.73	83	30832	0.828 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	13922	0.524 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3261	0.092 ug/L #	3
48) 2-Hexanone	8.68	43	24689	2.140 ug/L #	65
59) 1,2,3-Trichloropropane	11.84	75	11751	0.680 ug/L	96

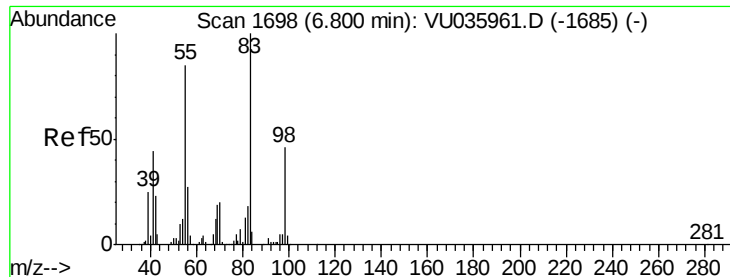
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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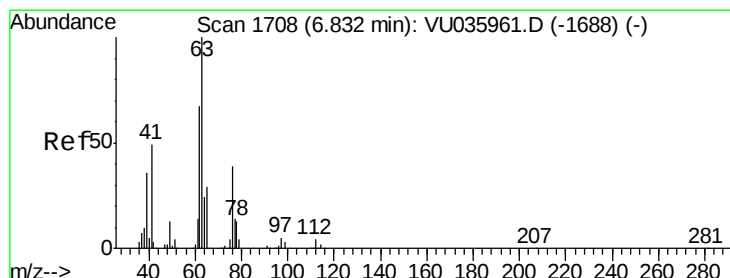
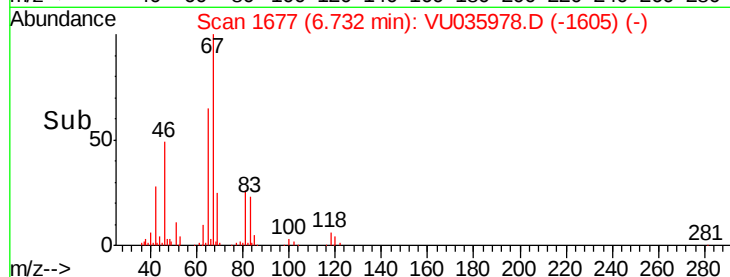
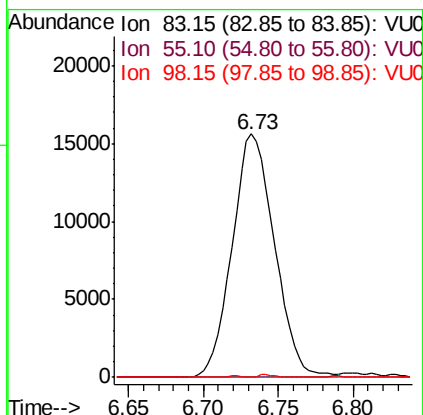
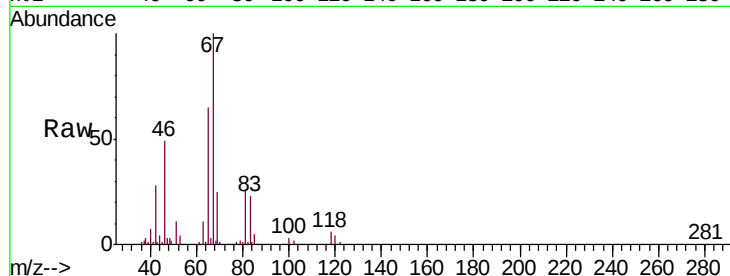




#35
Methylcyclohexane
Concen: 0.828 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035978.D
Acq: 04 Dec 2019 18:14

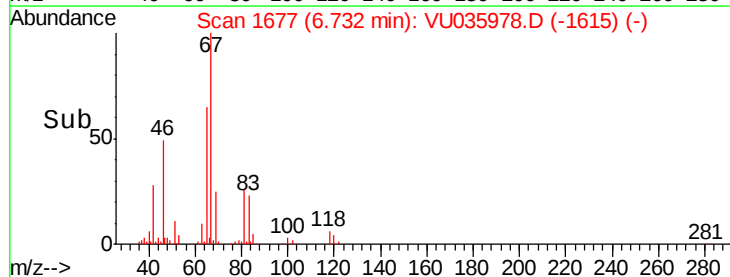
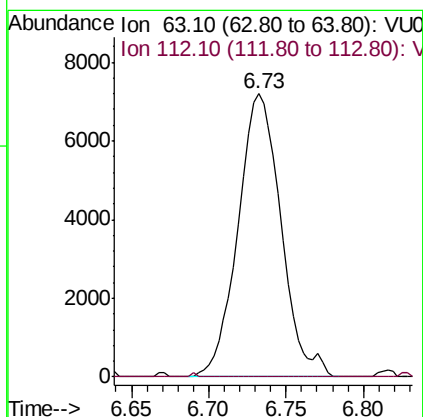
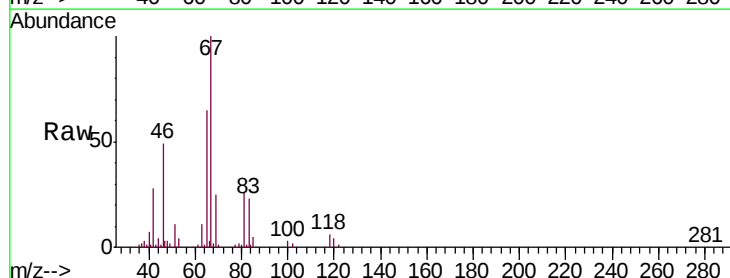
Instrument :
MSVOA_U
ClientSampleId :
BFE30

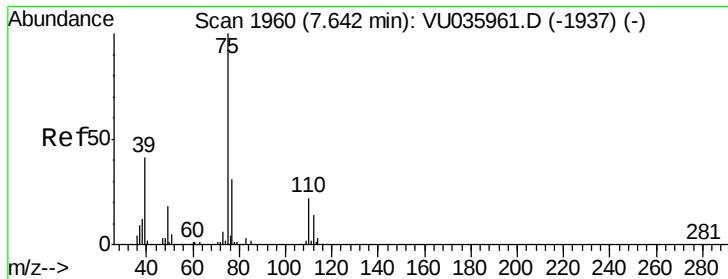
Tgt Ion: 83 Resp: 30832
Ion Ratio Lower Upper
83 100
55 0.1 67.4 101.0#
98 0.4 34.6 52.0#



#37
1,2-Dichloropropane
Concen: 0.524 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035978.D
Acq: 04 Dec 2019 18:14

Tgt Ion: 63 Resp: 13922
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035978.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

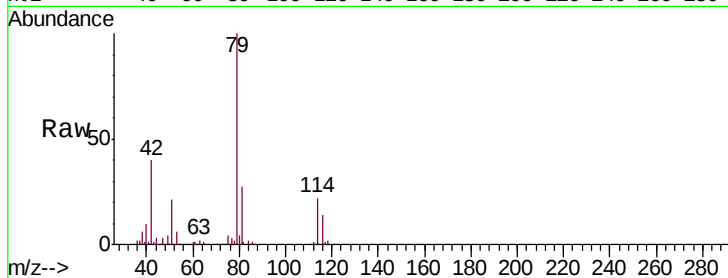
BFE30

Tgt Ion: 75 Resp: 3261

Ion Ratio Lower Upper

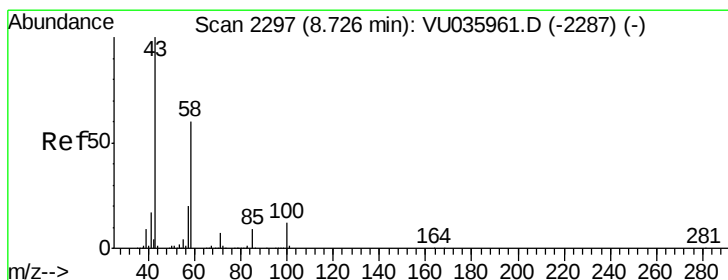
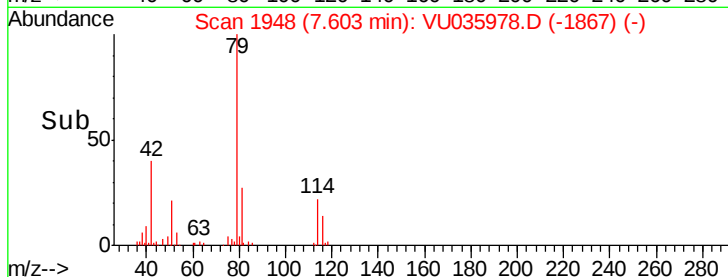
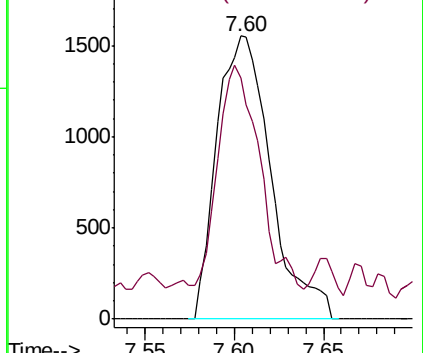
75 100

77 85.0 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.140 ug/L

RT: 8.68 min Scan# 2283

Delta R.T. -0.05 min

Lab File: VU035978.D

Acq: 04 Dec 2019 18:14

Tgt Ion: 43 Resp: 24689

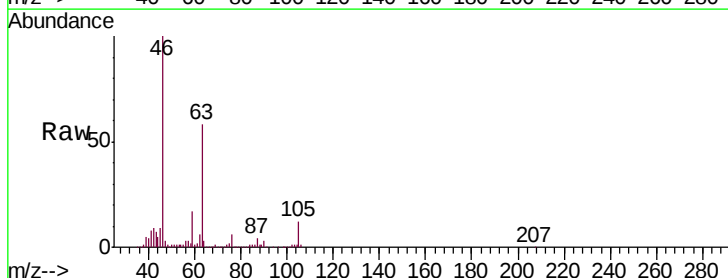
Ion Ratio Lower Upper

43 100

58 37.7 45.4 68.2#

57 49.8 14.9 22.3#

100 2.0 8.6 13.0#

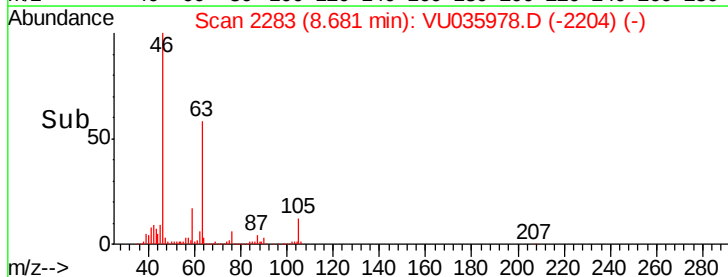
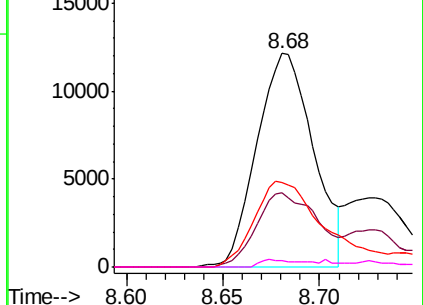


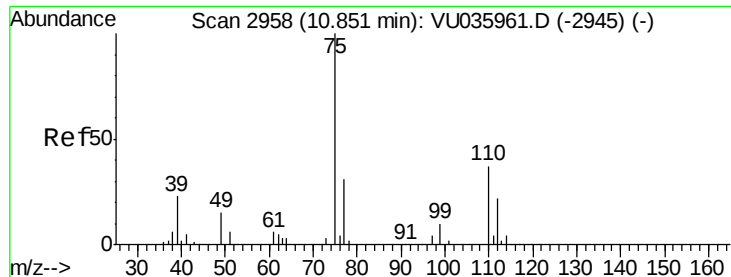
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.680 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035978.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

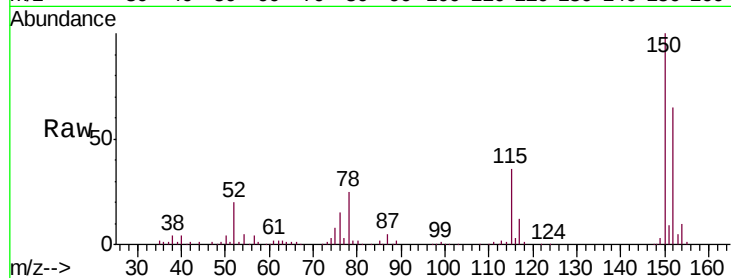
BFE30

Tgt Ion: 75 Resp: 11751

Ion Ratio Lower Upper

75 100

77 35.6 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

