

Data File : VU030552.D
Acq On : 29 Mar 2019 19:20
Operator : JC/SP
Sample : K2166-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1G1

Quant Time: Mar 30 02:15:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	414630	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	399637	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	151567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145726	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.34%
7) Chloroethane-d5	1.67	69	125302	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.76%
11) 1,1-Dichloroethene-d2	2.27	63	213029	33.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.30%
21) 2-Butanone-d5	4.18	46	314648	100.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.31%
24) Chloroform-d	4.65	84	275067	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	5.31	65	187657	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
32) Benzene-d6	5.34	84	535316	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
36) 1,2-Dichloropropane-d6	6.33	67	194642	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.28%
41) Toluene-d8	7.56	98	443595	43.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.85	79	79090	42.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.80%
47) 2-Hexanone-d5	8.31	63	205270	96.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272678	48.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	151210	49.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.58%

Target Compounds

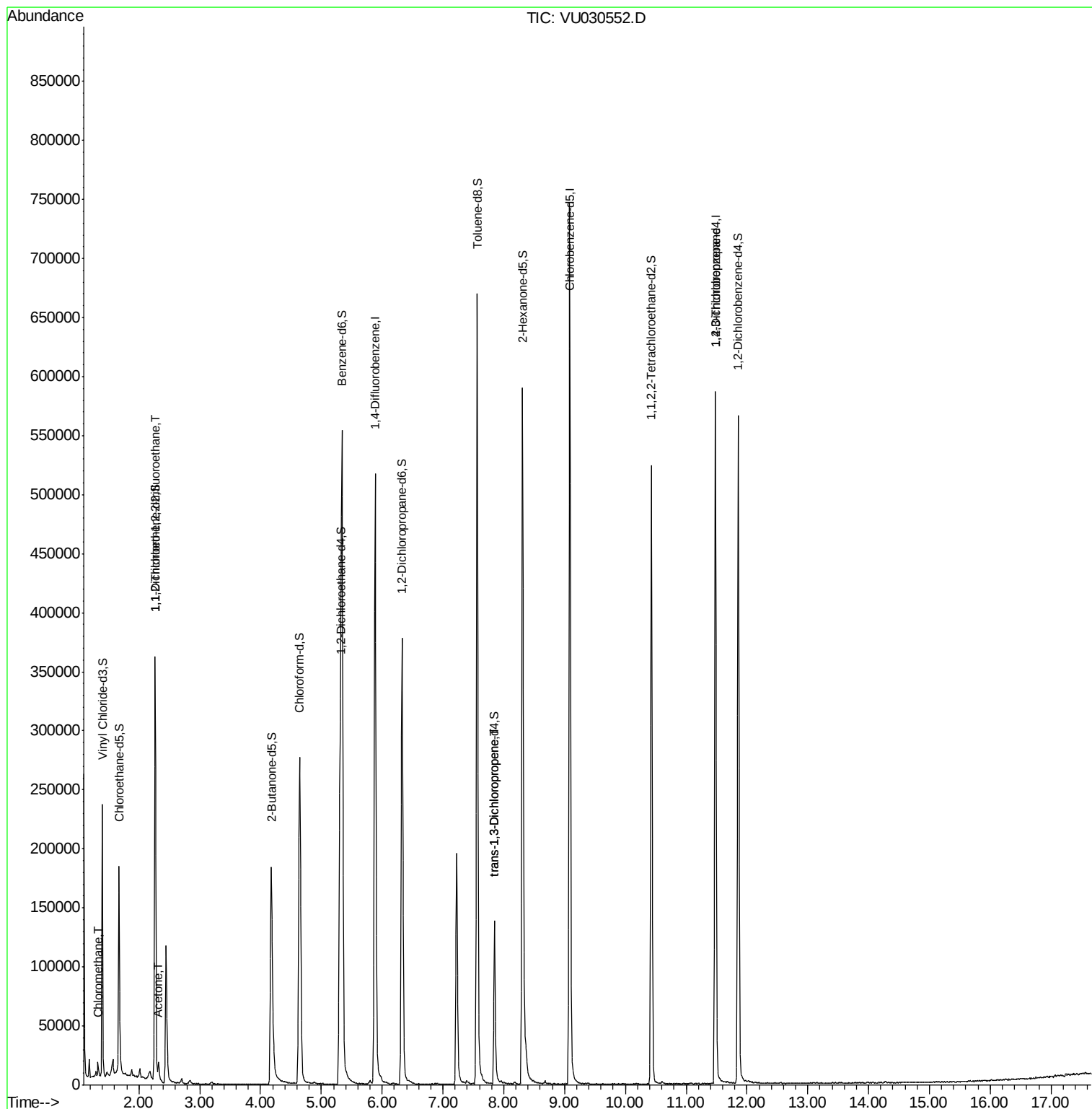
					Qvalue
3) Chloromethane	1.33	50	7410	1.448 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1915	0.633 ug/L #	21
13) Acetone	2.32	43	13990	4.410 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3091	0.633 ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	20686	4.402 ug/L	92

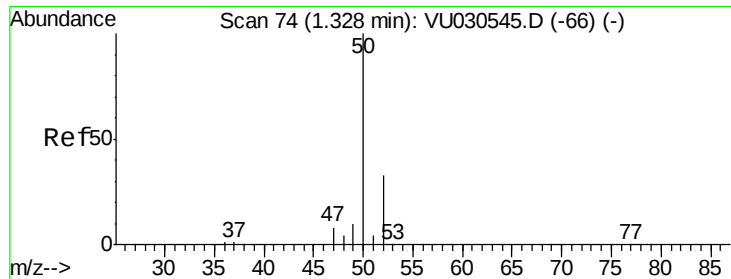
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.448 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030552.D

Acq: 29 Mar 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

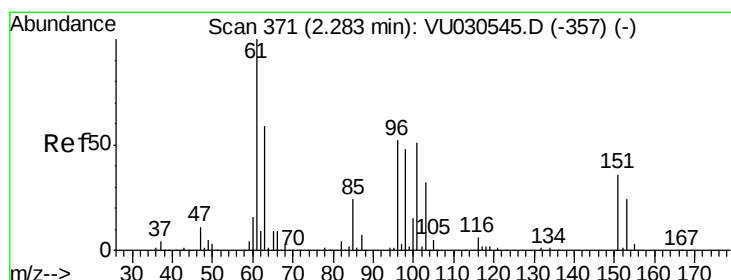
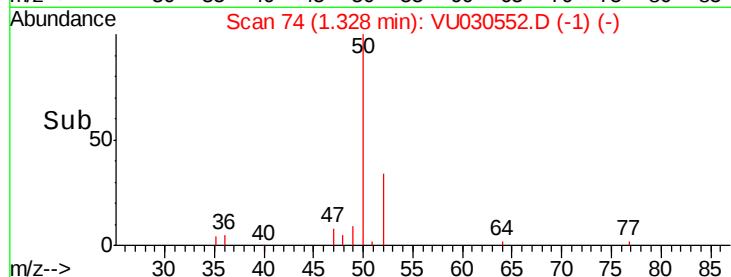
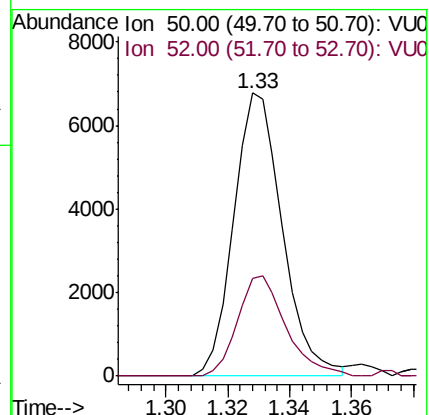
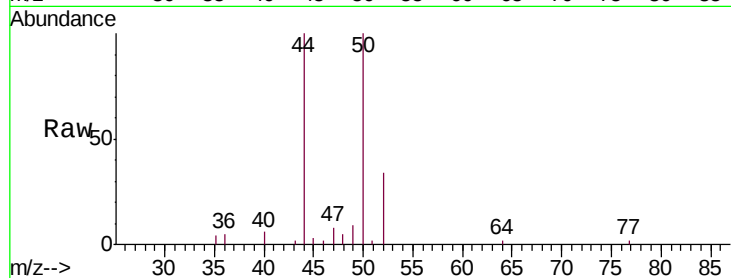
BF1G1

Tgt Ion: 50 Resp: 7410

Ion Ratio Lower Upper

50 100

52 34.5 23.0 42.6



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.633 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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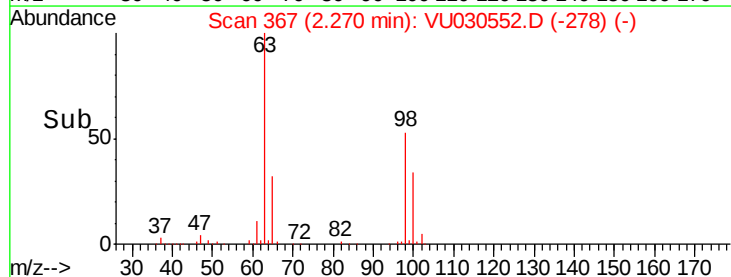
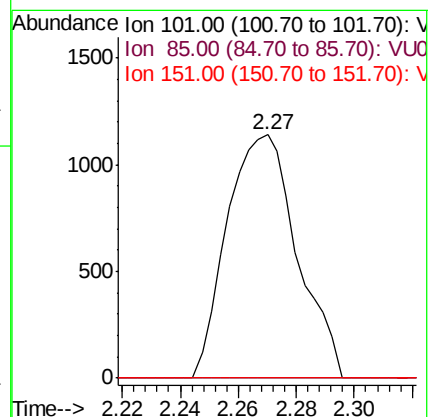
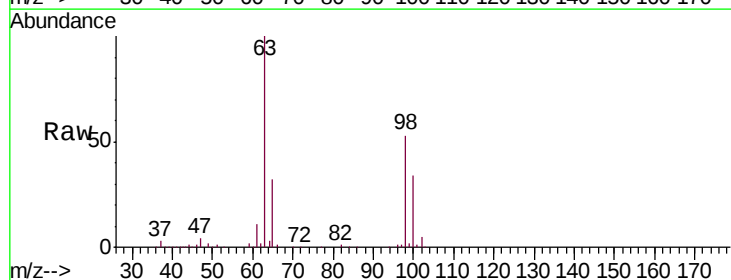
Tgt Ion: 101 Resp: 1915

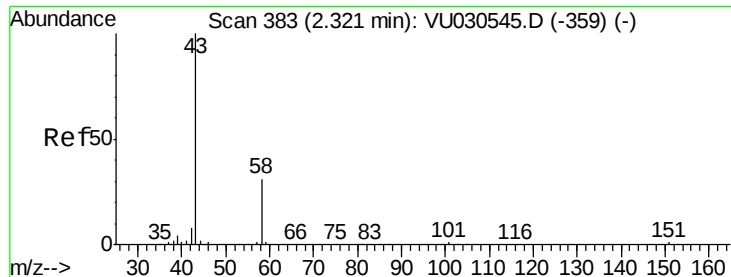
Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 56.6 85.0#





#13

Acetone

Concen: 4.410 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

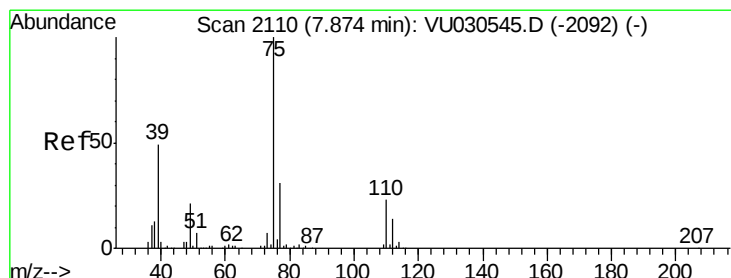
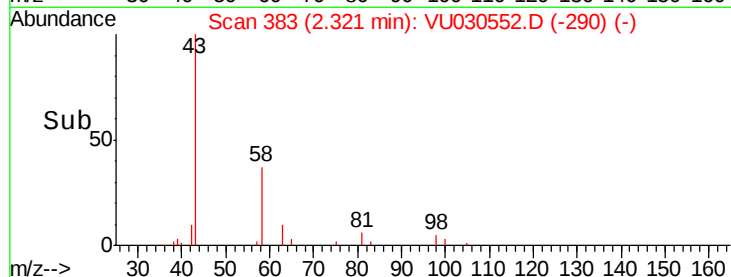
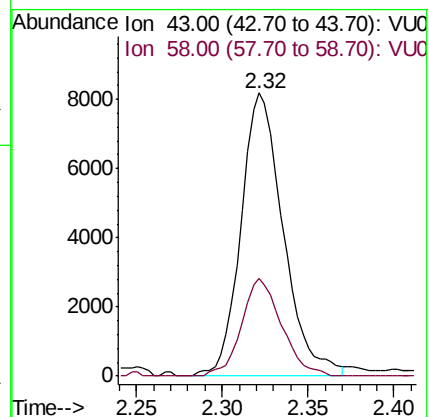
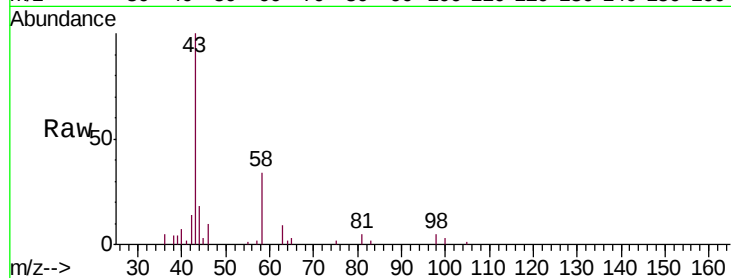
BF1G1

Tgt Ion: 43 Resp: 13990

Ion Ratio Lower Upper

43 100

58 32.5 0.0 62.8



#44

trans-1,3-Dichloropropene

Concen: 0.633 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030552.D

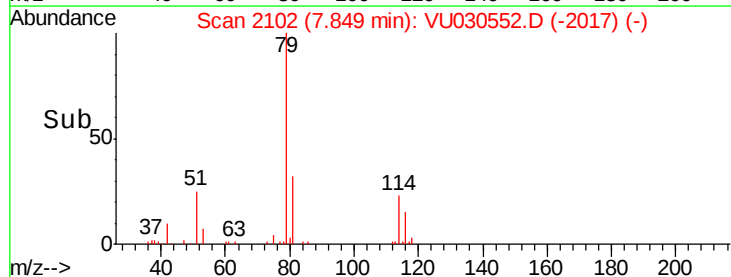
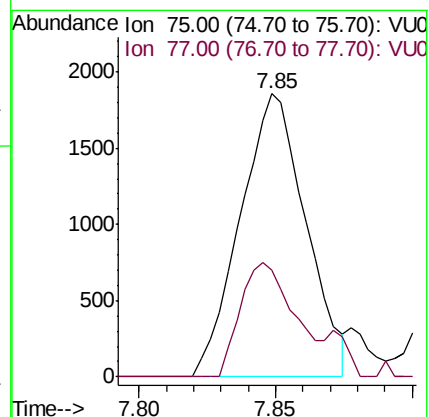
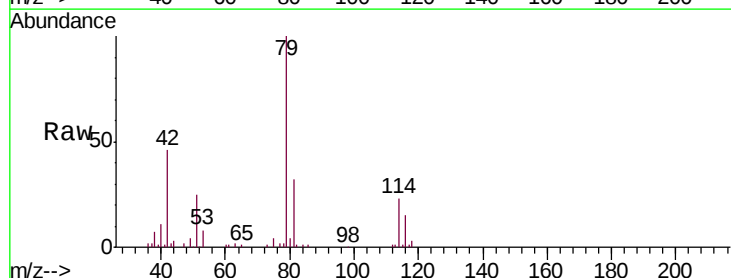
Acq: 29 Mar 2019 19:20

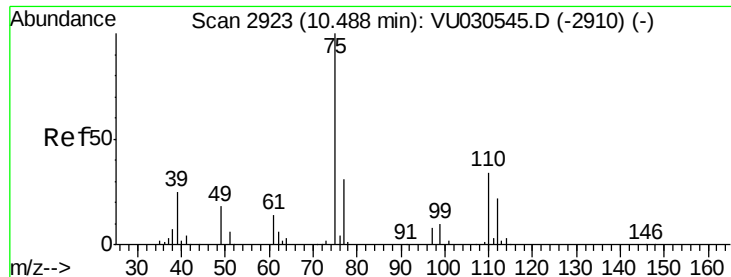
Tgt Ion: 75 Resp: 3091

Ion Ratio Lower Upper

75 100

77 37.9 22.0 40.8





#59

1,2,3-Trichloropropane

Concen: 4.402 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030552.D

Acq: 29 Mar 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

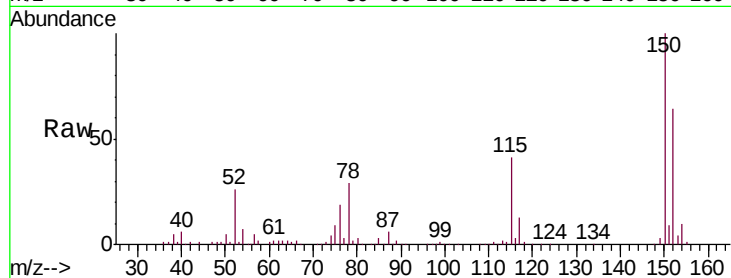
BF1G1

Tgt Ion: 75 Resp: 20686

Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

