

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040519\
 Data File : VR026458.D
 Acq On : 5 Apr 2019 12:07
 Operator : SY/MD
 Sample : K2271-07MSD
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DB7C8MSD

Quant Time: Apr 06 06:31:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 06 05:54:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	502466	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	403673	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	128032	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	158142	4.14	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	2.62	69	139491	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	3.60	63	457473	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.60%
20) 2-Butanone-d5	6.58	46	167155	49.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.22%
24) Chloroform-d	7.20	84	312240	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	7.90	65	136636	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	7.85	84	574599	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	8.89	67	158017	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	9.97	98	505228	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	10.23	79	37217	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	10.59	63	126654	53.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	56905	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	95402	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

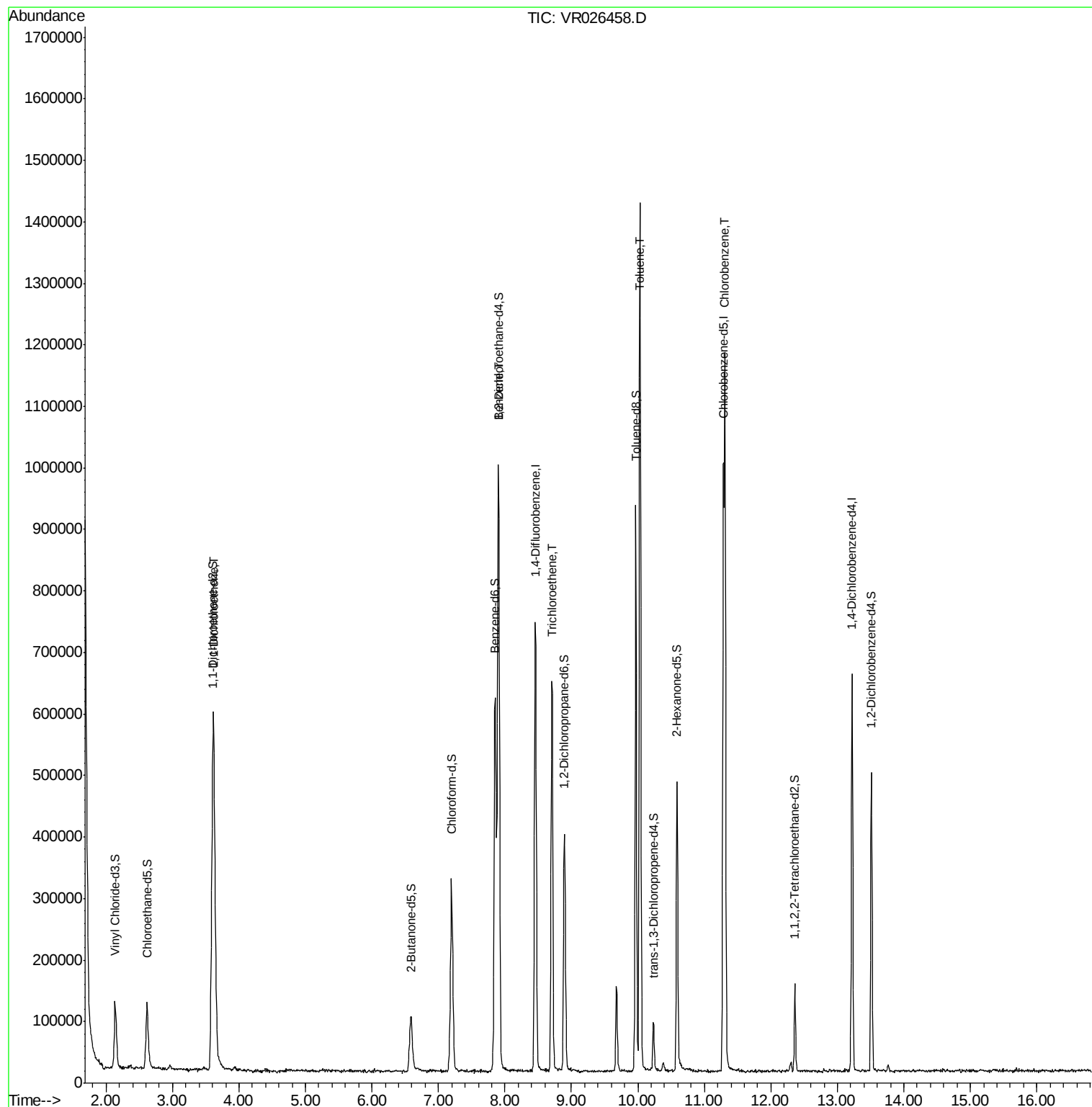
Target Compounds					Ovalue
12) 1,1-Dichloroethene	3.62	96	213418	4.789 ug/L	91
33) Benzene	7.90	78	799301	5.067 ug/L	100
34) Trichloroethene	8.71	95	204385	4.837 ug/L	94
42) Toluene	10.03	91	850612	5.261 ug/L	99
51) Chlorobenzene	11.32	112	447799	4.936 ug/L	97

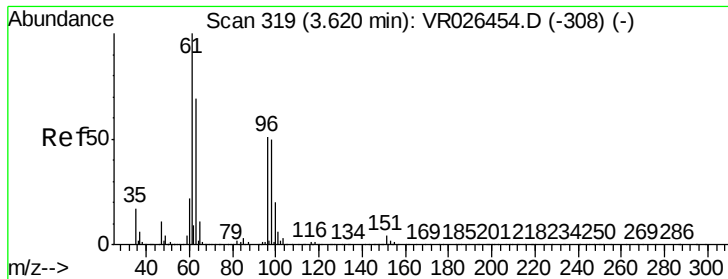
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.789 ug/L

RT: 3.62 min Scan# 319

Delta R.T. -0.00 min

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Acq: 5 Apr 2019 12:07

Instrument :

MSVOA_R

ClientSampleId :

DB7C8MSD

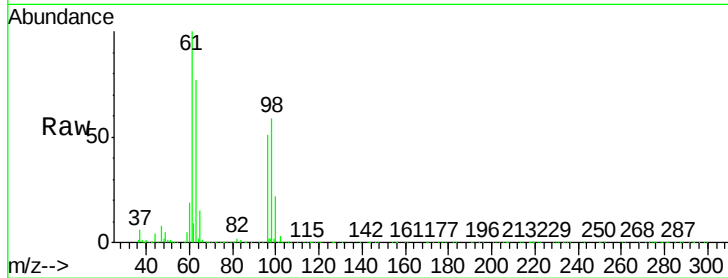
Tot Ion: 96 Resp: 213418

Ion Ratio Lower Upper

96 100

61 195.0 142.7 264.9

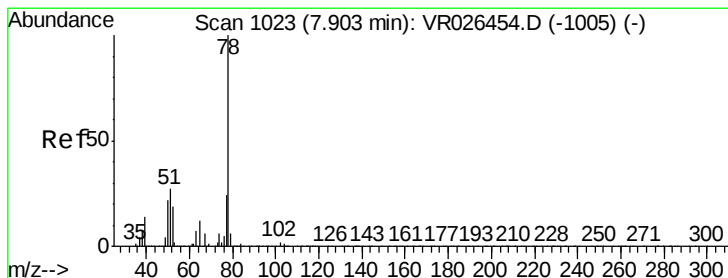
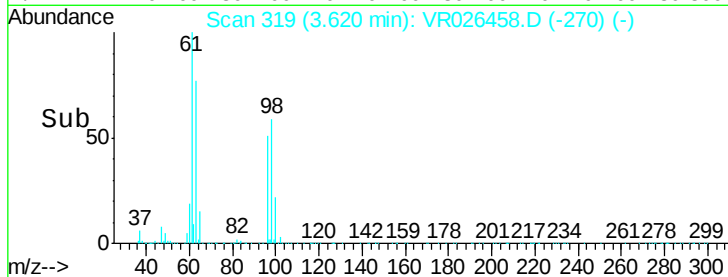
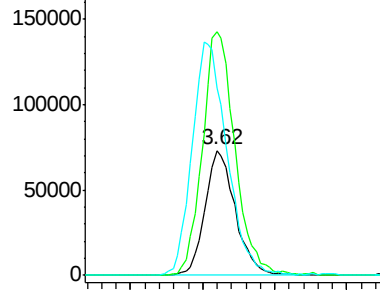
63 149.9 116.9 217.1



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#33

Benzene

Concen: 5.067 ug/L

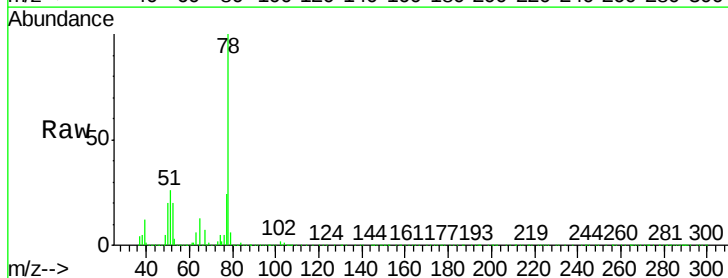
RT: 7.90 min Scan# 1023

Delta R.T. -0.00 min

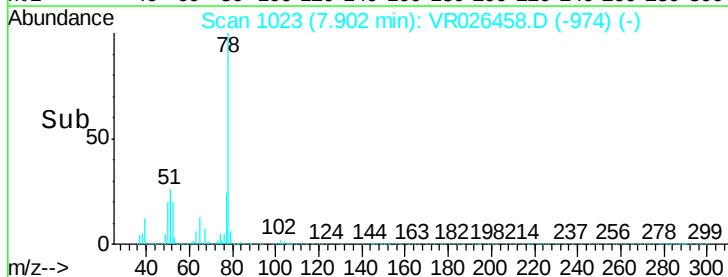
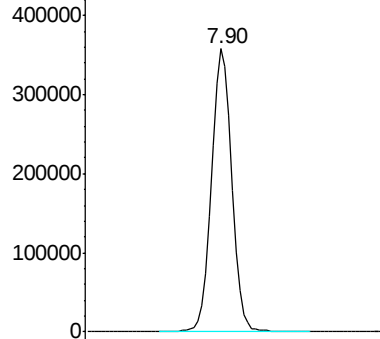
Lab File: VR026458.D

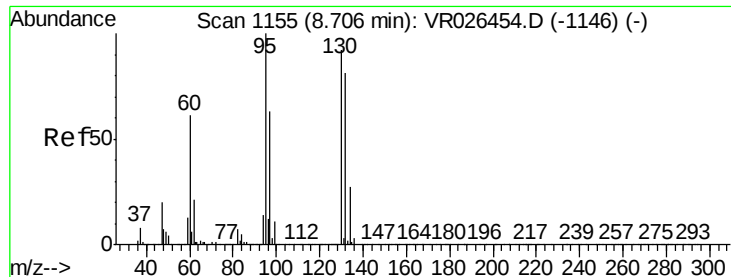
Acq: 5 Apr 2019 12:07

Tgt Ion: 78 Resp: 799301



Abundance Ion 78.10 (77.80 to 78.80): VR0

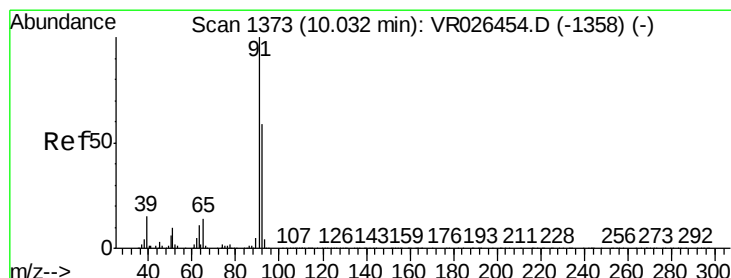
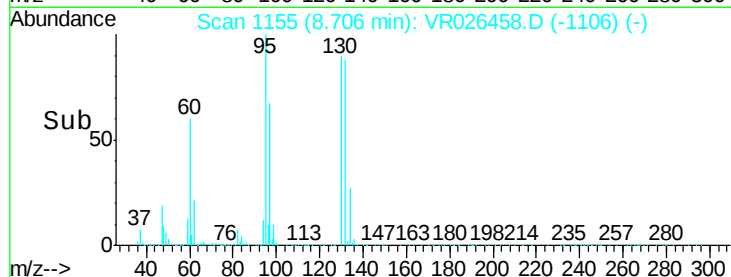
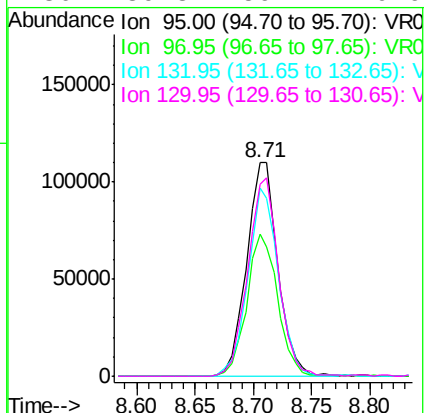
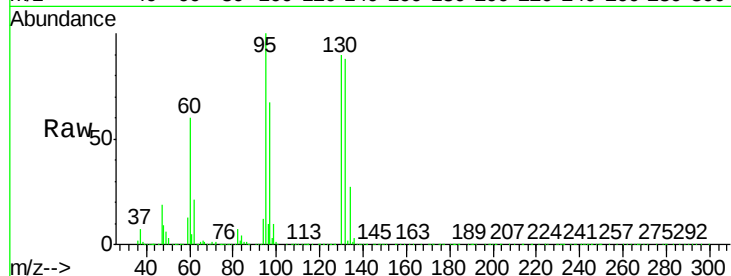




#34
 Trichloroethene
 Concen: 4.837 ug/L
 RT: 8.71 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: VR026458.D
 Acq: 5 Apr 2019 12:07

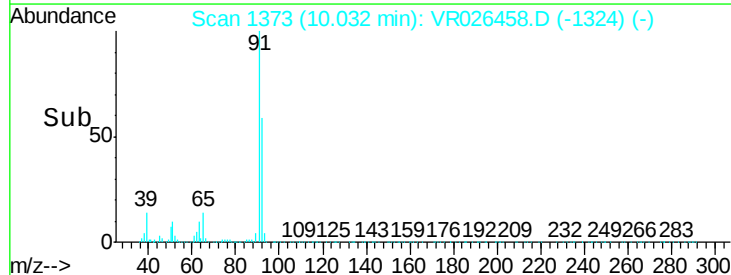
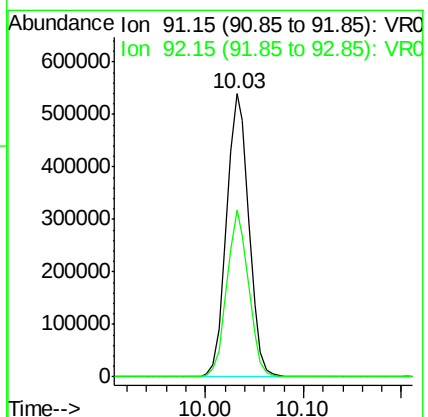
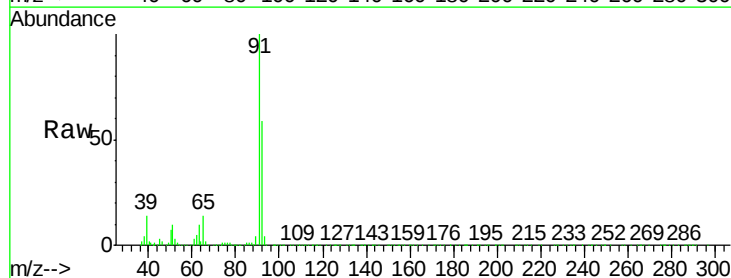
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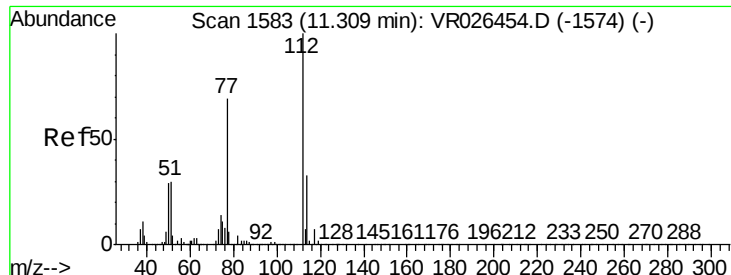
Tot Ion	95	Resp	204385
Ion Ratio	Lower	Upper	
95	100		
97	66.5	43.8	81.3
132	87.8	57.2	106.2
130	89.8	59.7	110.9



#42
 Toluene
 Concen: 5.261 ug/L
 RT: 10.03 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: VR026458.D
 Acq: 5 Apr 2019 12:07

Tgt Ion	91	Resp	850612
Ion Ratio	Lower	Upper	
91	100		
92	59.1	40.9	75.9





#51

Chlorobenzene

Concen: 4.936 ug/L

RT: 11.32 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VR026458.D

Acq: 5 Apr 2019 12:07

Instrument :

MSVOA_R

ClientSampleId :

DB7C8MSD

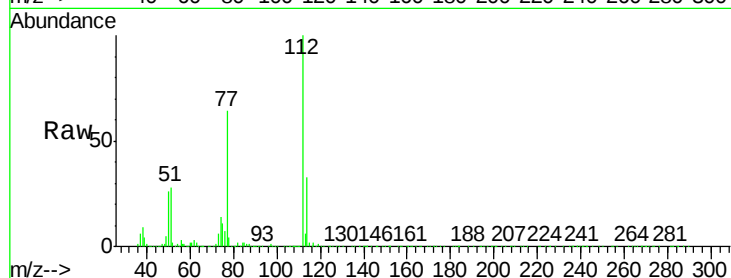
Tot Ion:112 Resp: 447799

Ion Ratio Lower Upper

112 100

114 33.1 23.1 42.9

77 64.1 53.8 80.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VR0

