

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016819.D
 Acq On : 11 Jun 2020 12:10
 Operator : SY/MD
 Sample : L2929-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTY1

Quant Time: Jun 12 02:28:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342952	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	179314	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93401	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.20%
7) Chloroethane-d5	1.55	69	67629	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.14%
11) 1,1-Dichloroethene-d2	2.11	63	131513	32.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.72%
21) 2-Butanone-d5	3.89	46	165787	92.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.56%
24) Chloroform-d	4.37	84	212968	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	5.05	65	155098	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
32) Benzene-d6	5.07	84	414036	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
36) 1,2-Dichloropropane-d6	6.09	67	127473	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.56%
41) Toluene-d8	7.33	98	378556	43.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.32%
43) trans-1,3-Dichloropropene-	7.64	79	63389	40.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.70%
47) 2-Hexanone-d5	8.11	63	112747	86.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181608	46.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	179125	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%

Target Compounds

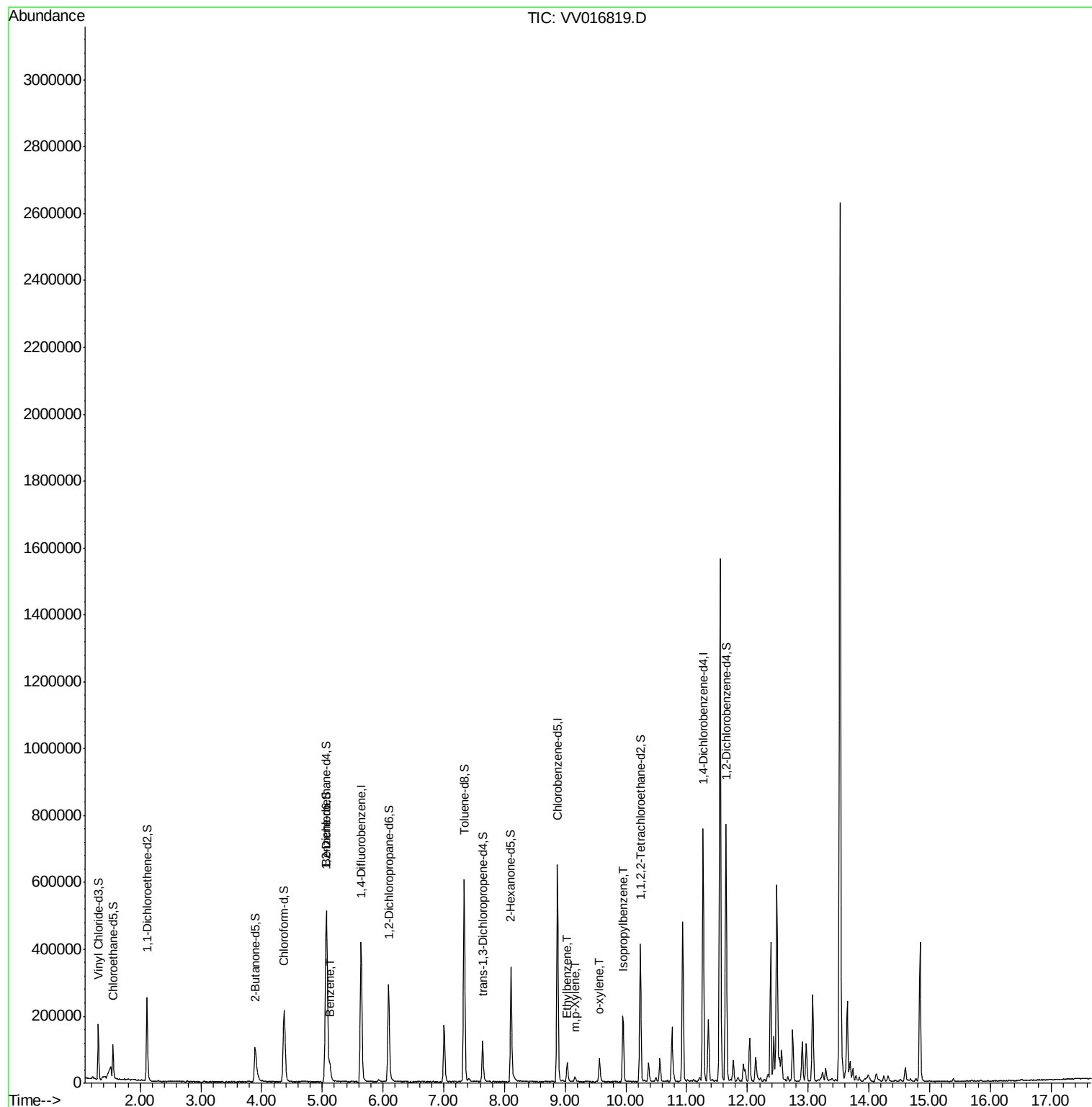
					Qvalue
33) Benzene	5.12	78	54538	5.559 ug/L	100
52) Ethylbenzene	9.03	91	37226	3.250 ug/L	99
53) m,p-Xylene	9.16	106	3687	0.864 ug/L	90
54) o-xylene	9.56	106	17705	4.209 ug/L	90
56) Isopropylbenzene	9.95	105	118620	10.494 ug/L	99

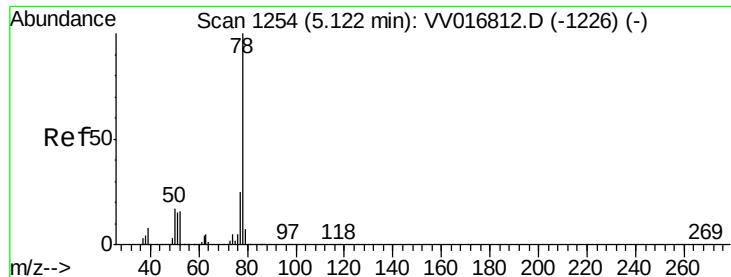
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 5.559 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016819.D

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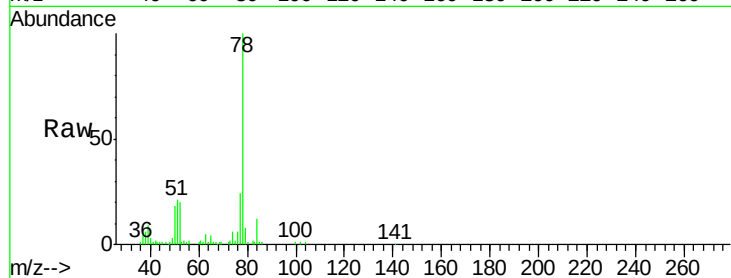
Instrument :

MSVOA_V

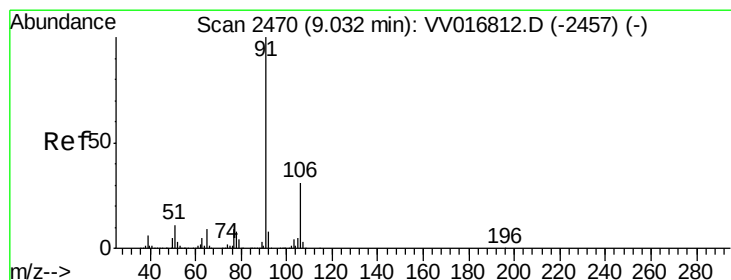
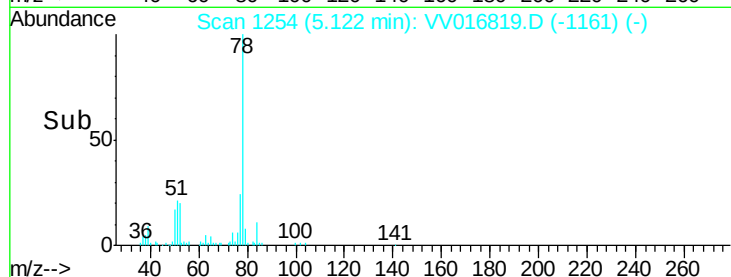
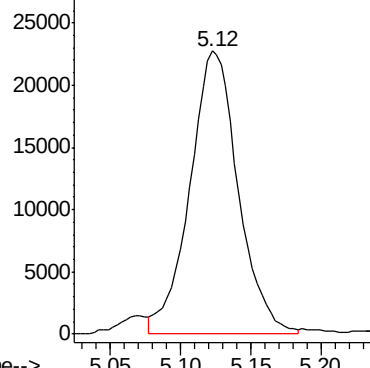
ClientSampleId :

ETTY1

Tgt Ion: 78 Resp: 54538



Abundance Ion 78.00 (77.70 to 78.70): VV0



#52

Ethylbenzene

Concen: 3.250 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016819.D

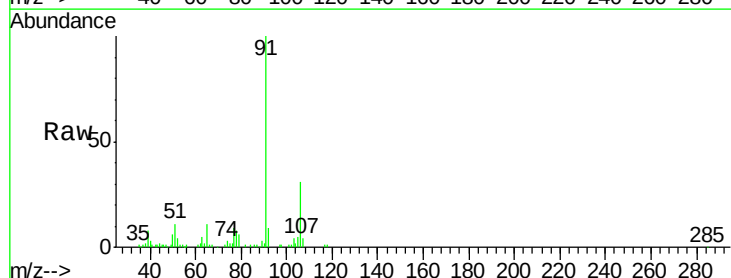
Acq: 11 Jun 2020 12:10

Tgt Ion: 91 Resp: 37226

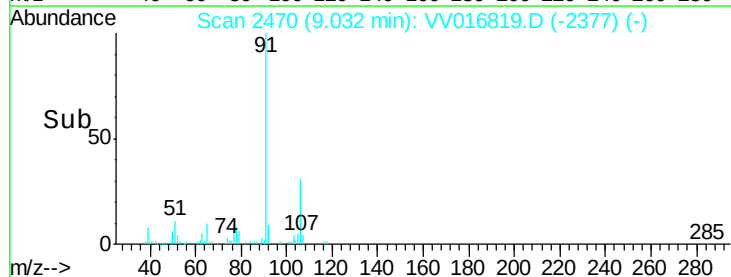
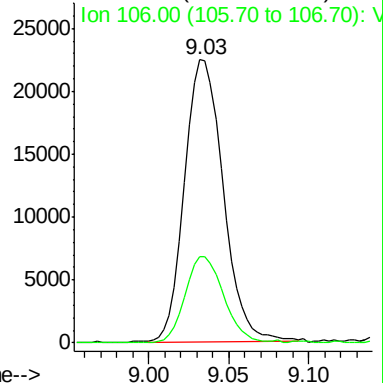
Ion Ratio Lower Upper

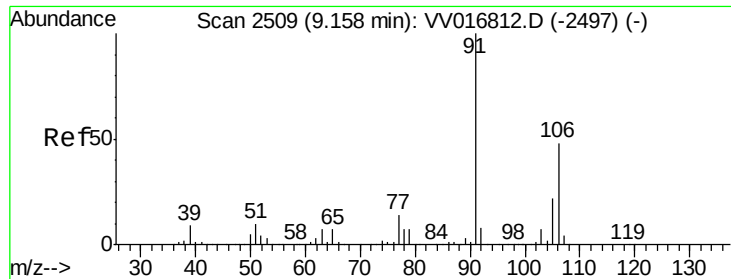
91 100

106 30.6 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV0





#53

m,p-Xylene

Concen: 0.864 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016819.D

Acq: 11 Jun 2020 12:10

Instrument :

MSVOA_V

ClientSampleId :

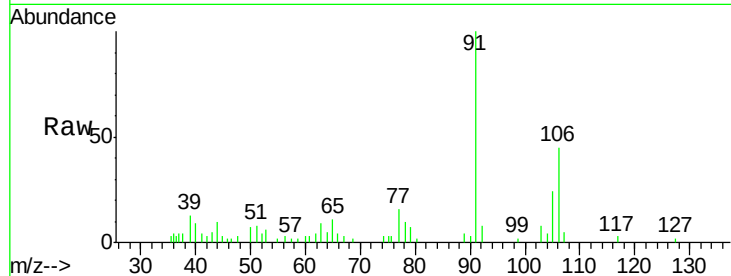
ETTY1

Tgt Ion:106 Resp: 3687

Ion Ratio Lower Upper

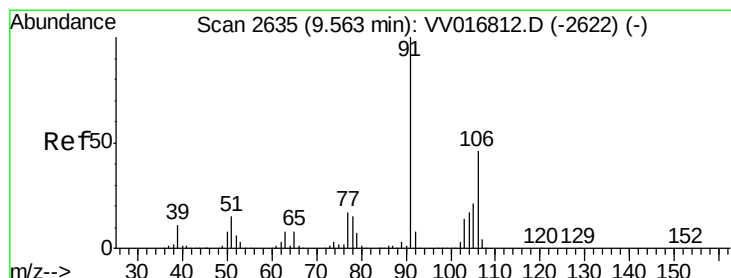
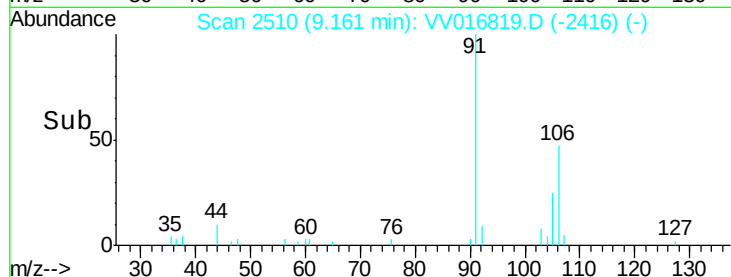
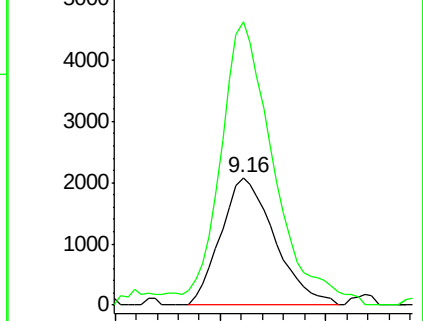
106 100

91 222.5 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 4.209 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. -0.00 min

Lab File: VV016819.D

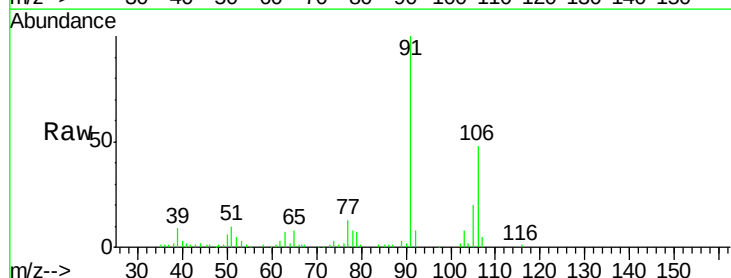
Acq: 11 Jun 2020 12:10

Tgt Ion:106 Resp: 17705

Ion Ratio Lower Upper

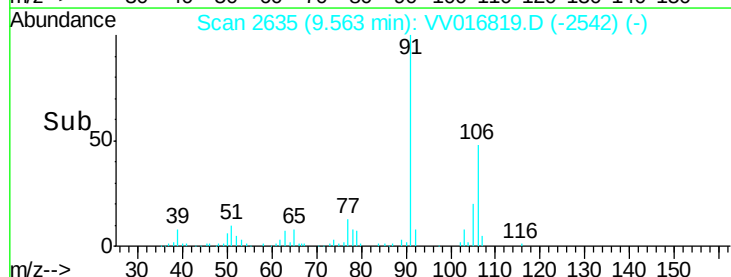
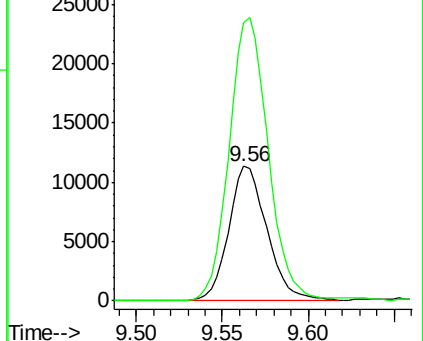
106 100

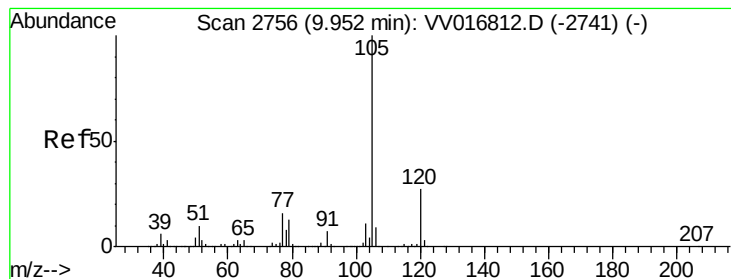
91 206.7 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

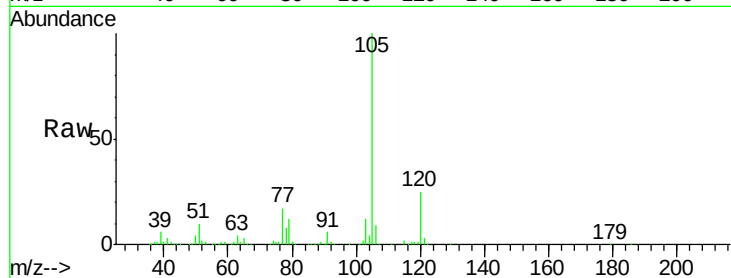




#56
Isopropylbenzene
Concen: 10.494 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV016819.D
Acq: 11 Jun 2020 12:10

Instrument :
MSVOA_V
ClientSampleId :
ETTY1

Tgt Ion:	105	Resp:	118620
Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.2	31.8
77	16.8	13.0	19.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V

