

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
 Data File : VU023709.D
 Acq On : 07 May 2018 12:24
 Operator : MD/SY
 Sample : J2717-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 08 04:38:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 07 00:51:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	284086	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273099	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129598	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	97604	48.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.96%
7) Chloroethane-d5	1.68	69	82186	53.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.10%
11) 1,1-Dichloroethene-d2	2.27	63	181775	46.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.62%
21) 2-Butanone-d5	4.18	46	184628	132.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.72%#
24) Chloroform-d	4.65	84	195888	58.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.66%
26) 1,2-Dichloroethane-d4	5.31	65	132627	57.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.54%
32) Benzene-d6	5.35	84	407382	55.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.34	67	142459	58.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.08%
41) Toluene-d8	7.57	98	364398	53.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.88%
43) trans-1,3-Dichloropropene-	7.85	79	57685	54.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.20%
47) 2-Hexanone-d5	8.31	63	135229	145.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	145.09%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	191090	60.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.38%#
64) 1,2-Dichlorobenzene-d4	11.86	152	152654	60.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.76%#

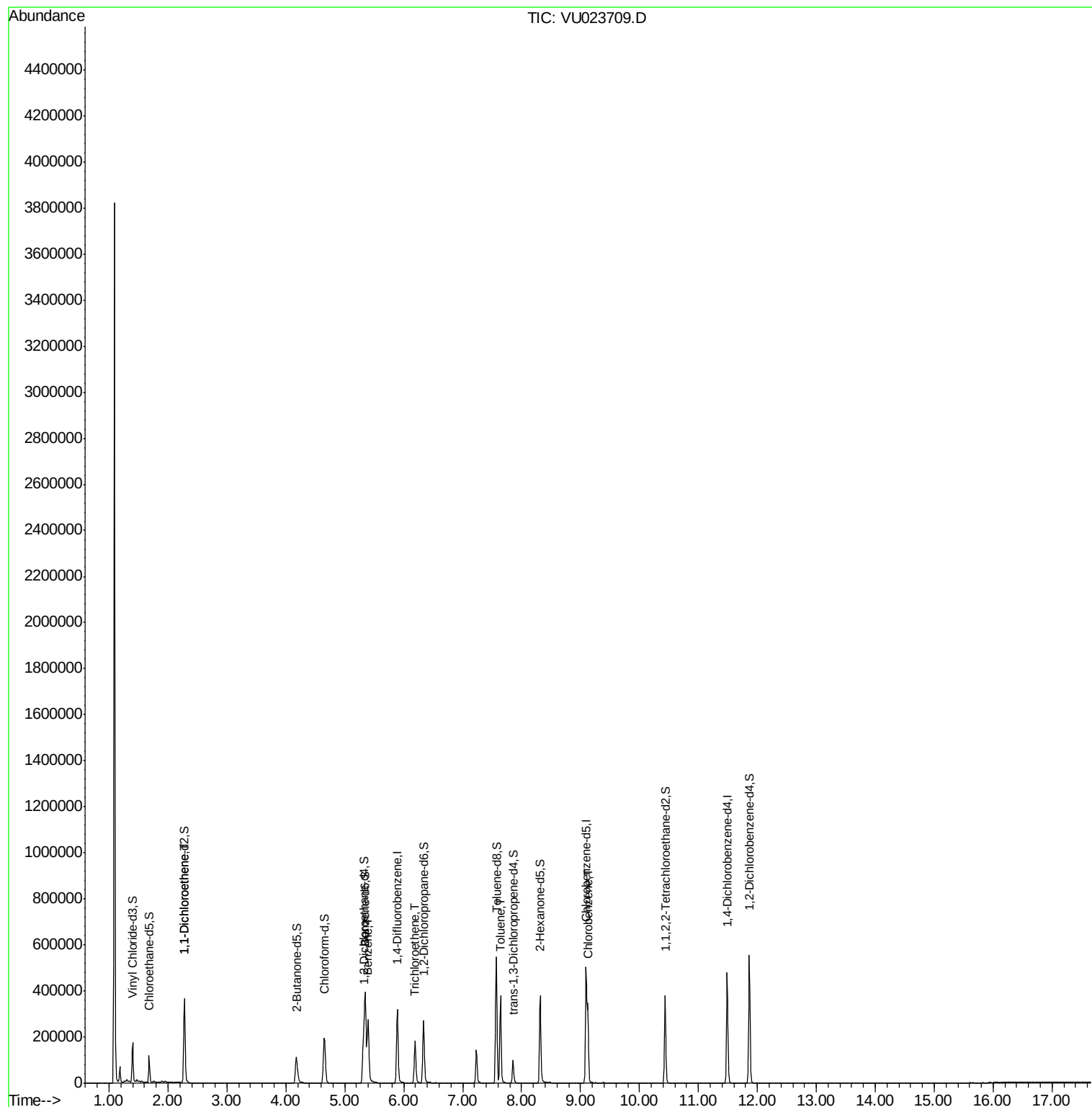
Target Compounds

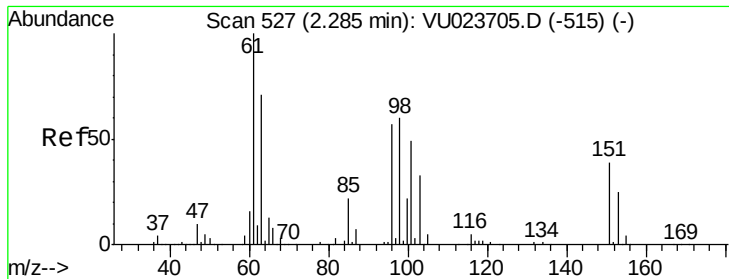
					Ovalue
12) 1,1-Dichloroethene	2.28	96	57563	27.76	ug/L # 71
33) Benzene	5.39	78	270748	28.13	ug/L 100
34) Trichloroethene	6.19	95	65816	26.69	ug/L 97
42) Toluene	7.64	91	276200	27.69	ug/L 100
51) Chlorobenzene	9.12	112	178276	26.82	ug/L 99

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

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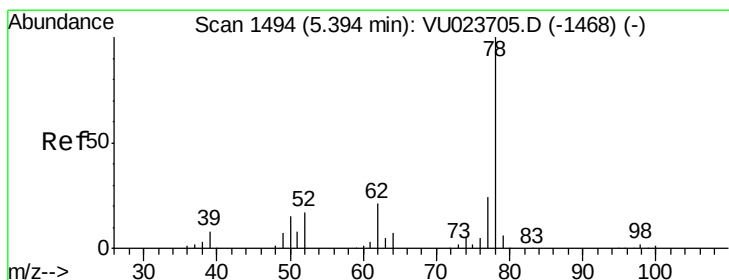
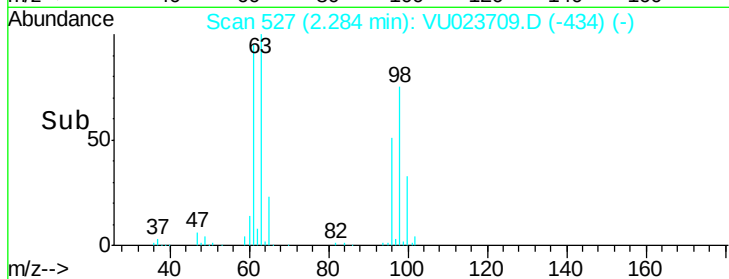
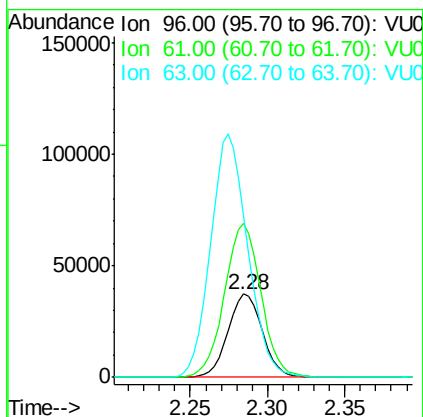
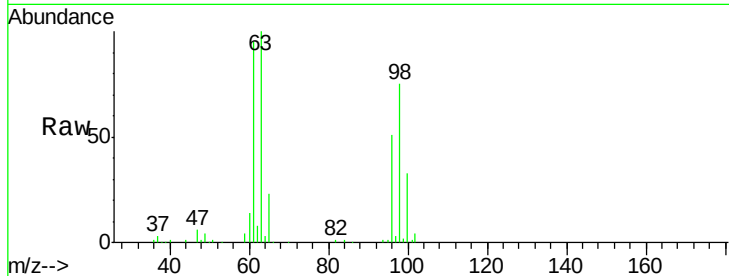
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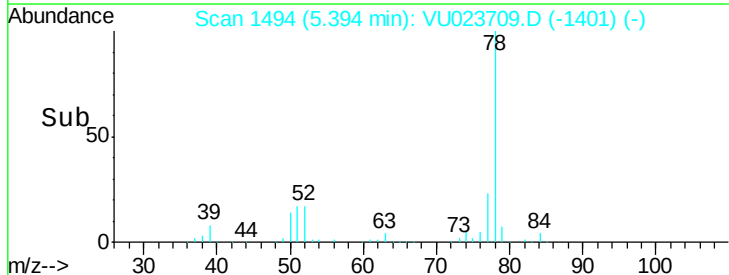
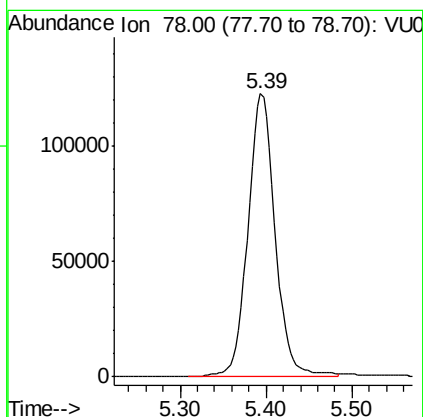
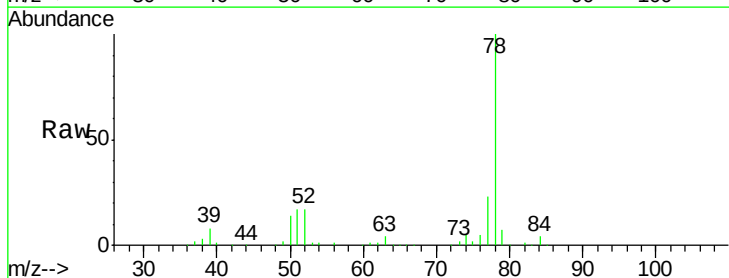


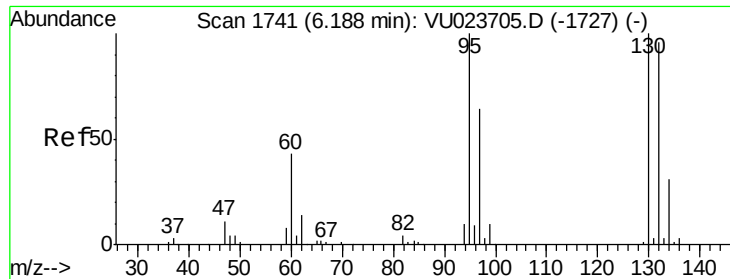
#12
 1,1-Dichloroethene
 Concen: 27.76 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU023709.D
 Acq: 07 May 2018 12:24

Tot Ion: 96 Resp: 57563
 Ion Ratio Lower Upper
 96 100
 61 184.6 125.9 233.7
 63 195.0 84.8 157.6#



#33
 Benzene
 Concen: 28.13 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: VU023709.D
 Acq: 07 May 2018 12:24
 Tgt Ion: 78 Resp: 270748





#34

Trichloroethene

Concen: 26.69 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023709.D

Acq: 07 May 2018 12:24

Tot Ion: 95 Resp: 65816

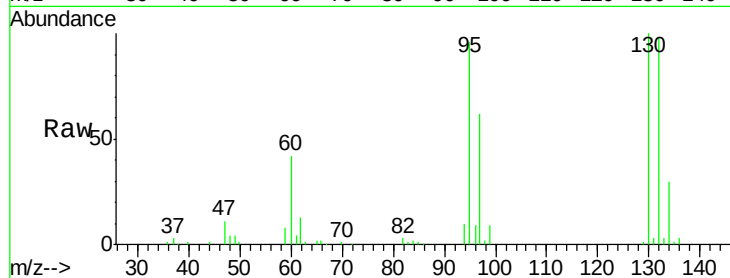
Ion Ratio Lower Upper

95 100

97 65.2 46.3 85.9

132 101.9 68.5 127.1

130 104.5 70.8 131.4

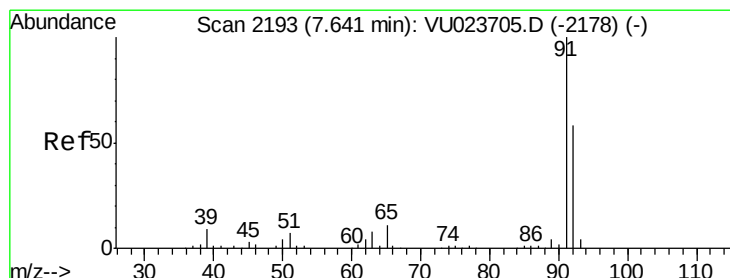
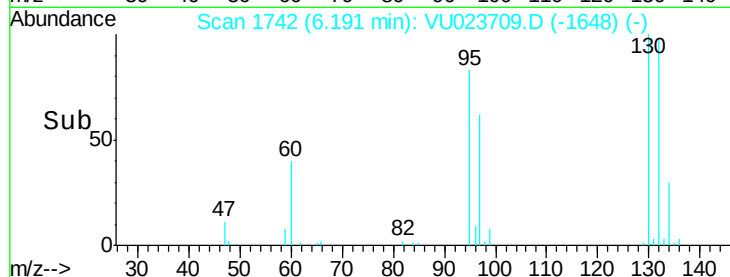
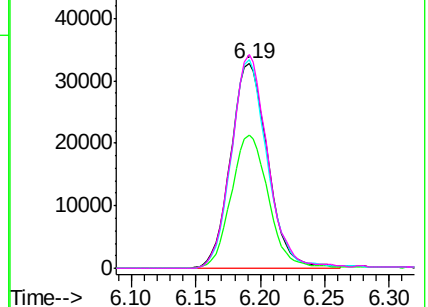


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

Toluene

Concen: 27.69 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023709.D

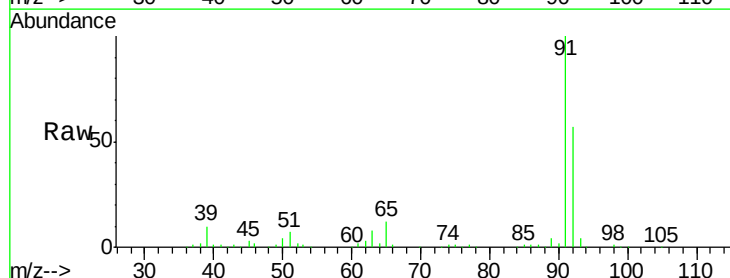
Acq: 07 May 2018 12:24

Tgt Ion: 91 Resp: 276200

Ion Ratio Lower Upper

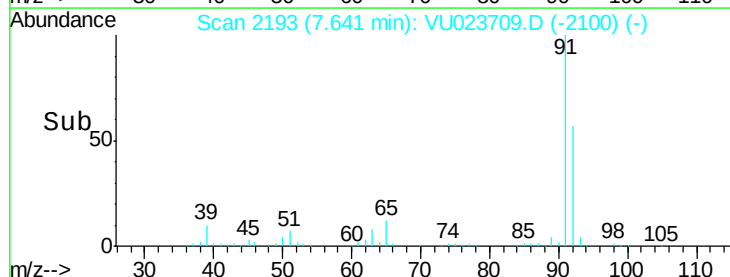
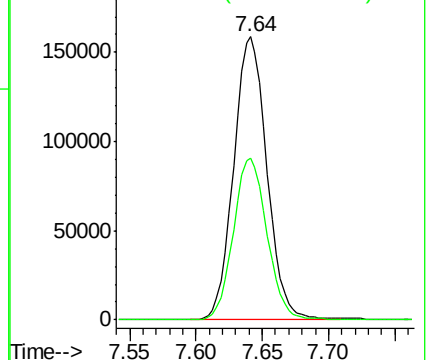
91 100

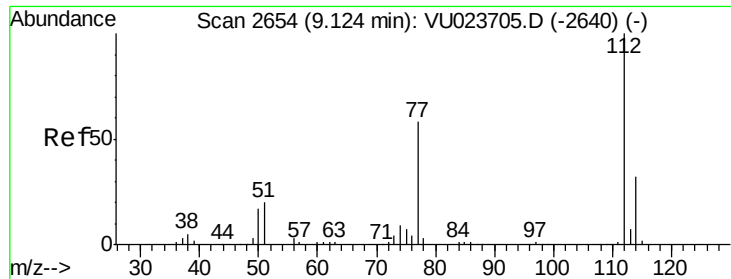
92 57.3 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

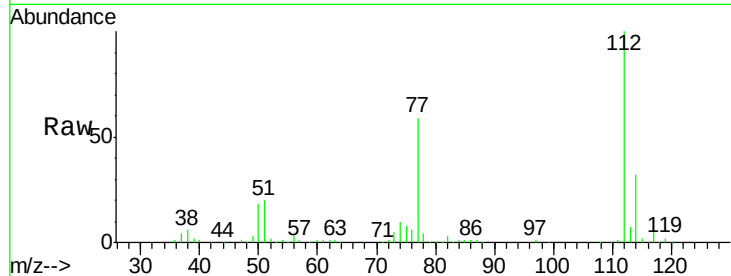
Ion 92.00 (91.70 to 92.70): VU0





#51
 Chlorobenzene
 Concen: 26.82 ug/L
 RT: 9.12 min Scan# 2654
 Delta R.T. -0.00 min
 Lab File: VU023709.D
 Acq: 07 May 2018 12:24

Tot Ion:	112	Resp:	178276
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.7	42.3
77	58.9	47.5	71.3



Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 114.00 (113.70 to 114.70): V
 Ion 77.00 (76.70 to 77.70): V

