

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV050318\
 Data File : VV005759.D
 Acq On : 03 May 2018 13:35
 Operator : SY/MD
 Sample : J2594-16RE
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 01:49:07 2018
 Quant Method : W:\HPCHEM1\MSVOA V\METHOD\SOMVTR043018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 04 01:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	205679	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	210019	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83739	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50379	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.58	69	52009	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.13	63	87618	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	3.96	46	188077	68.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.34%#
24) Chloroform-d	4.41	84	130126	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	75720	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.11	84	212366	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.13	67	72268	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.37	98	178388	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	7.67	79	24116	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.14	63	123208	57.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	58835	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	69311	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

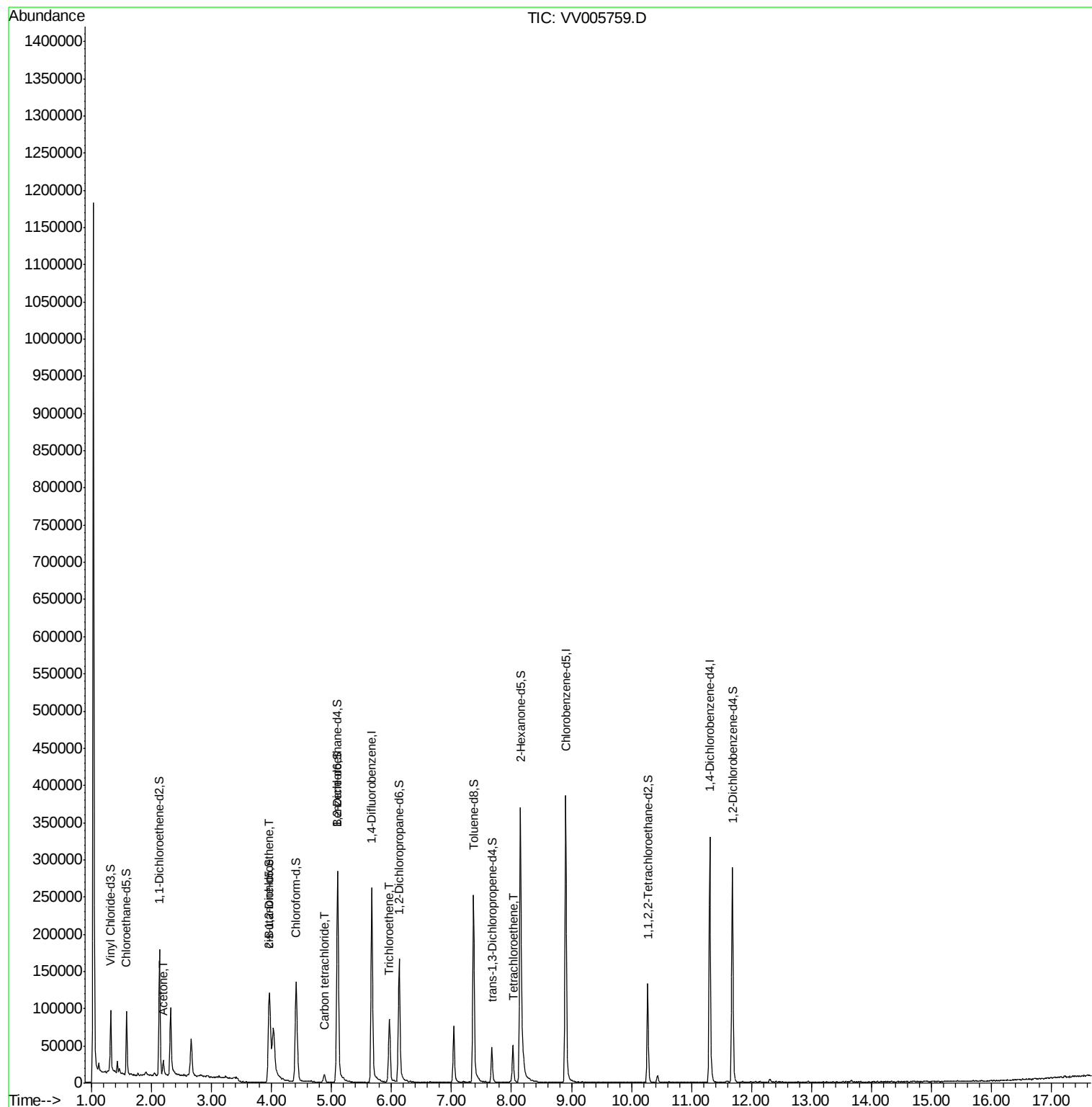
Target Compounds

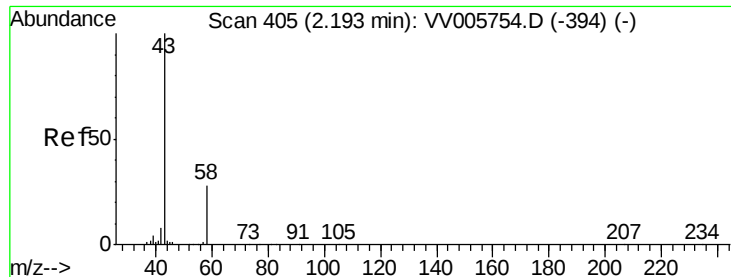
					Ovalue
13) Acetone	2.20	43	17603	8.28	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	5850	0.38	ug/L 97
31) Carbon tetrachloride	4.88	117	7211	0.30	ug/L 97
34) Trichloroethene	5.97	95	27434	1.56	ug/L 96
47) Tetrachloroethene	8.02	164	10699	0.83	ug/L 98

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

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#13

Acetone

Concen: 8.28 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV005759.D

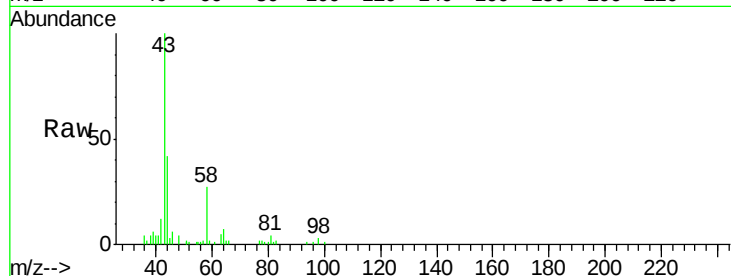
Acq: 03 May 2018 13:35

Tot Ion: 43 Resp: 17603

Ion Ratio Lower Upper

43 100

58 28.6 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

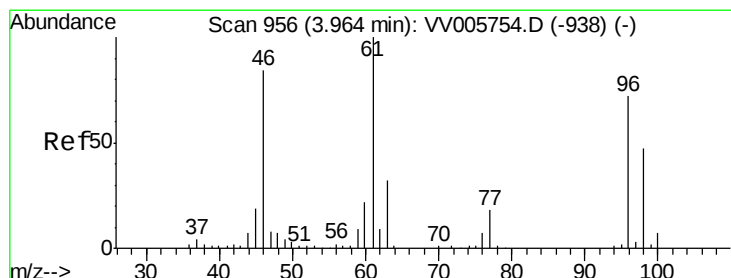
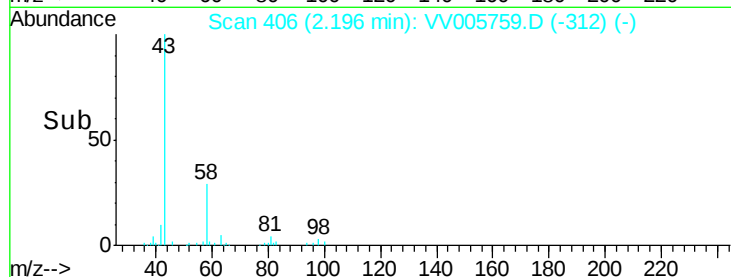
10000

5000

0

Time-->

2.15 2.20 2.25



#22

cis-1,2-Dichloroethene

Concen: 0.38 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.01 min

Lab File: VV005759.D

Acq: 03 May 2018 13:35

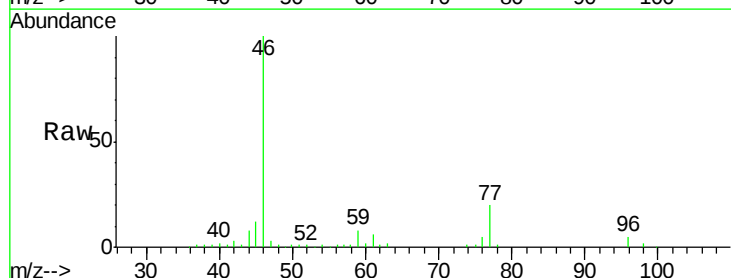
Tgt Ion: 96 Resp: 5850

Ion Ratio Lower Upper

96 100

61 132.4 95.3 177.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

3.97

5000

4000

3000

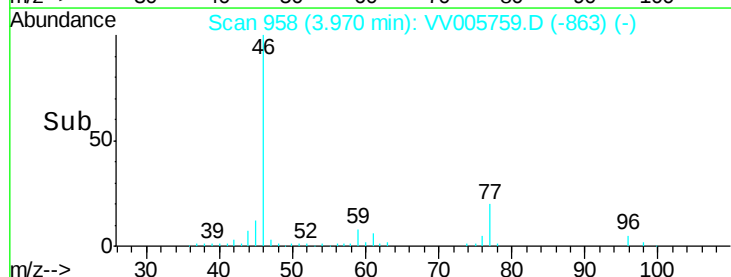
2000

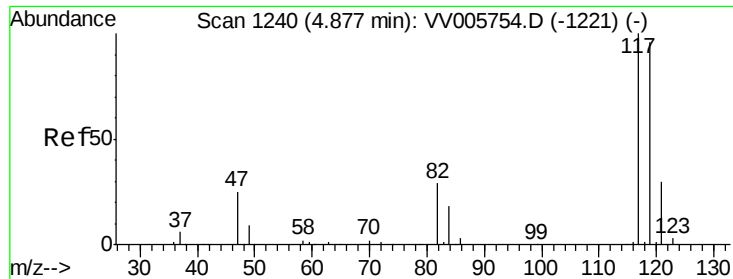
1000

0

Time-->

3.90 3.95 4.00 4.05





#31

Carbon tetrachloride

Concen: 0.30 ug/L

RT: 4.88 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VV005759.D

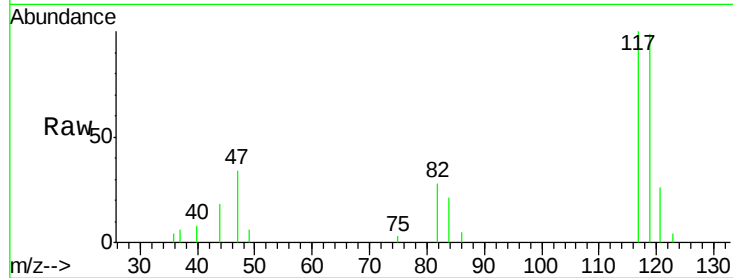
Acq: 03 May 2018 13:35

Tot Ion:117 Resp: 7211

Ion Ratio Lower Upper

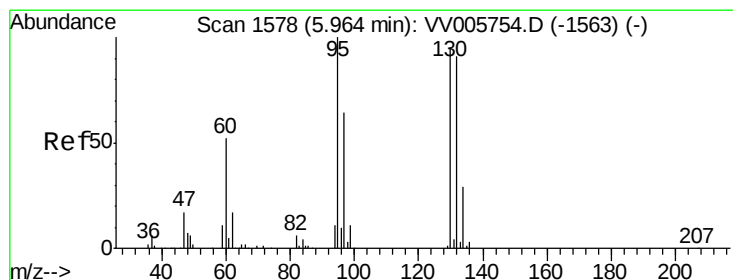
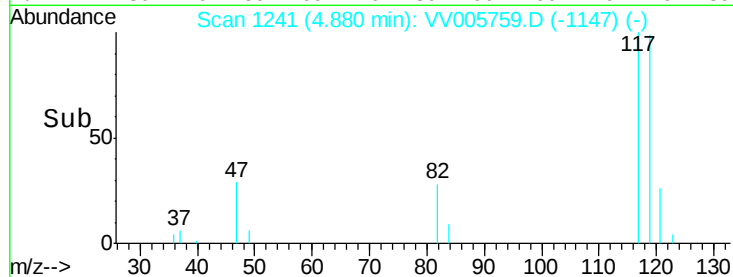
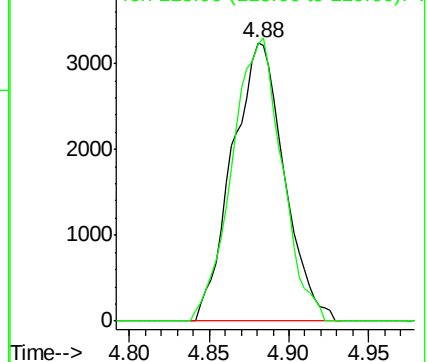
117 100

119 97.5 75.7 113.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 1.56 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VV005759.D

Acq: 03 May 2018 13:35

Tgt Ion: 95 Resp: 27434

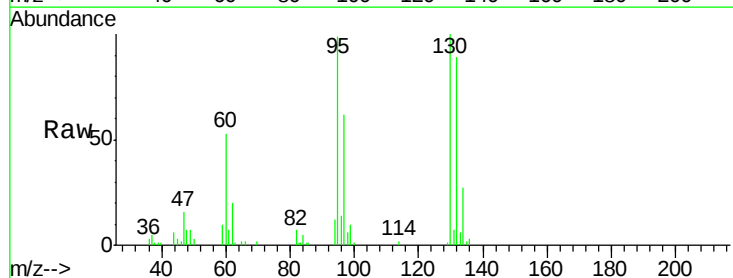
Ion Ratio Lower Upper

95 100

97 62.1 44.4 82.4

132 90.1 65.2 121.2

130 100.8 65.7 122.1

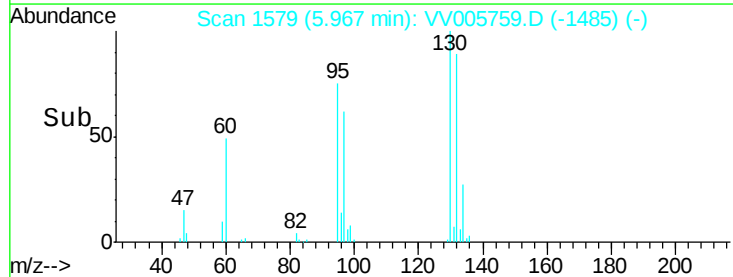
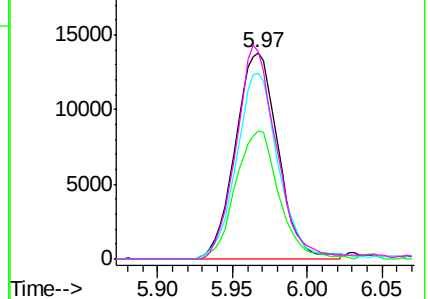


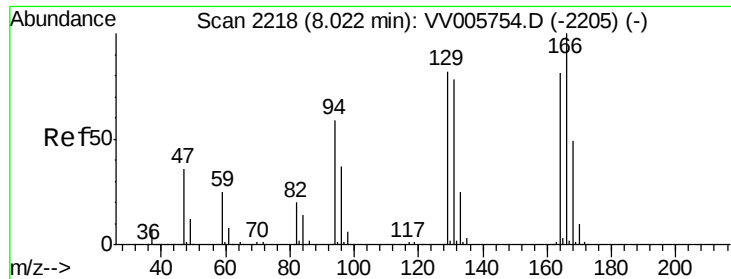
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 0.83 ug/L

RT: 8.02 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV005759.D

Acq: 03 May 2018 13:35

Tot Ion:164 Resp: 10699

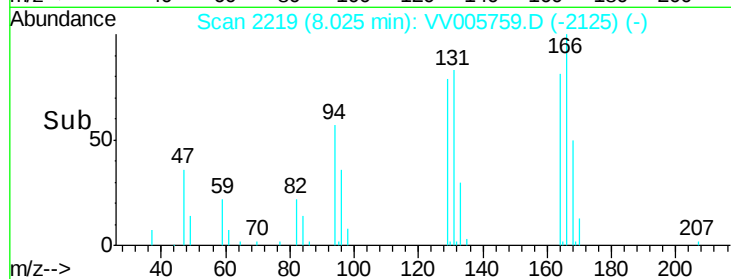
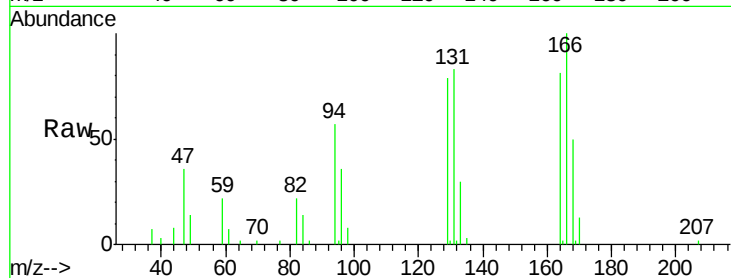
Ion Ratio Lower Upper

164 100

129 98.6 67.3 124.9

131 102.5 71.0 131.8

166 124.1 88.1 163.7



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

