

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090718\
 Data File : VV007458.D
 Acq On : 07 Sep 2018 13:58
 Operator : SY/MD
 Sample : J4719-09DL 5X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE5DL

Quant Time: Sep 08 05:22:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 08 05:06:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	639104	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	633250	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	243533	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	203372	44.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.10%
7) Chloroethane-d5	1.56	69	161124	53.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.76%
11) 1,1-Dichloroethene-d2	2.13	63	274307	34.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.22%
21) 2-Butanone-d5	3.96	46	256175	68.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.99%
24) Chloroform-d	4.41	84	415151	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	5.09	65	261824	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
32) Benzene-d6	5.10	84	854931	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
36) 1,2-Dichloropropane-d6	6.12	67	280704	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.78%
41) Toluene-d8	7.36	98	716349	43.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.67	79	115829	42.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.04%
47) 2-Hexanone-d5	8.14	63	190077	75.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.81%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	385577	44.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.28%
64) 1,2-Dichlorobenzene-d4	11.68	152	266883	50.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.98%

Target Compounds

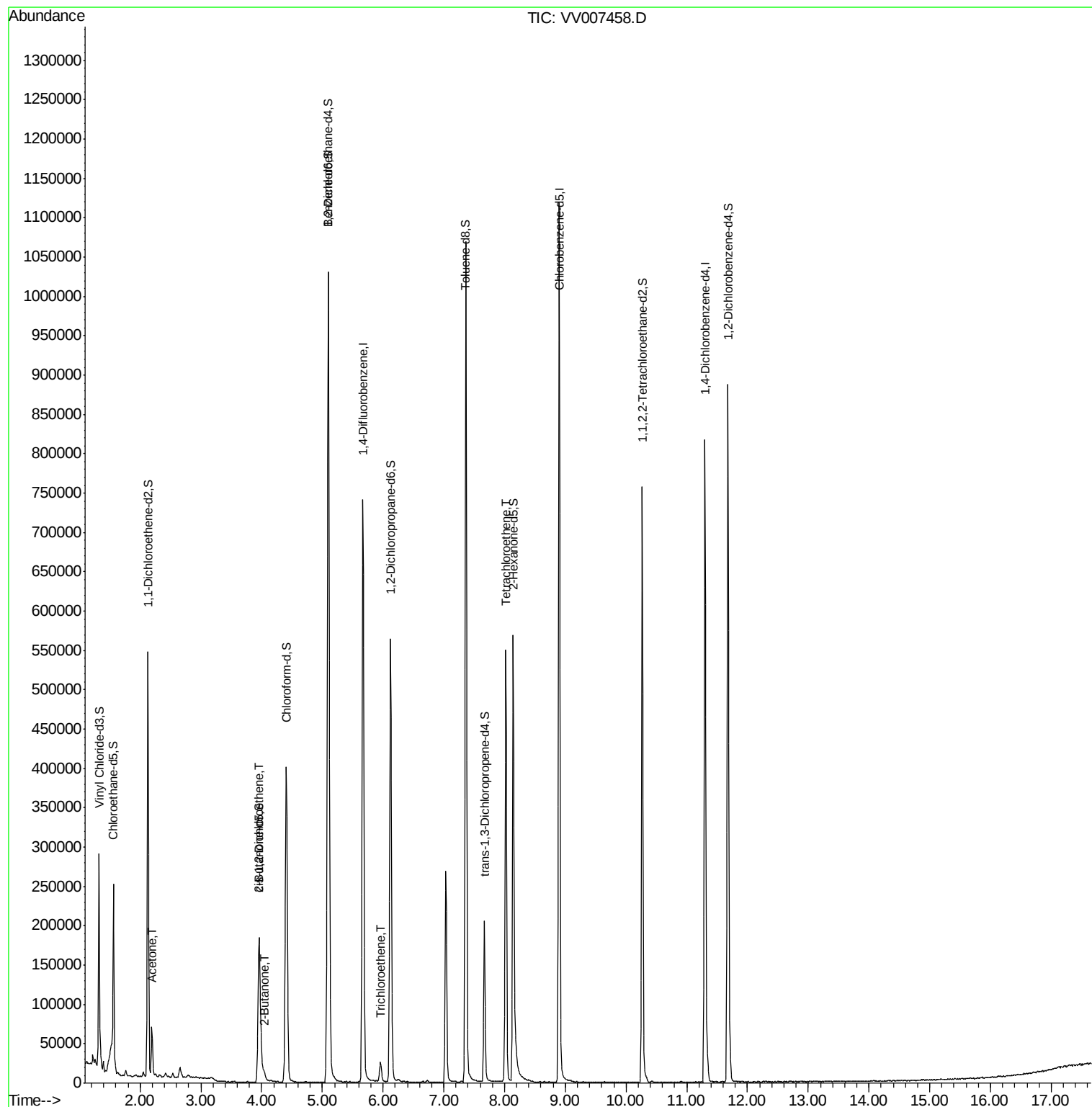
					Ovalue
13) Acetone	2.20	43	55646	25.17	ug/L 97
20) cis-1,2-Dichloroethene	3.96	96	8131	1.60	ug/L 96
22) 2-Butanone	4.05	43	11562	3.12	ug/L 97
34) Trichloroethene	5.96	95	5967	1.21	ug/L 90
46) Tetrachloroethene	8.02	164	131244	33.01	ug/L 97

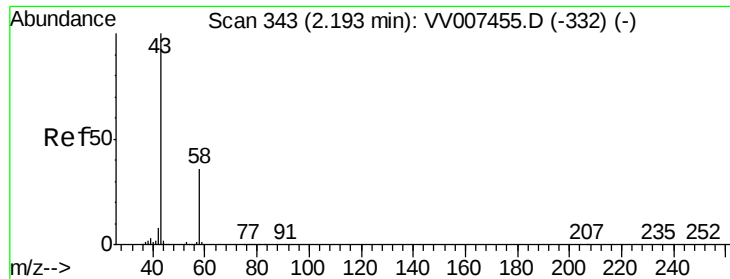
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 08 05:06:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 25.17 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007458.D

Acq: 07 Sep 2018 13:58

Instrument :

MSVOA_V

ClientSampleId :

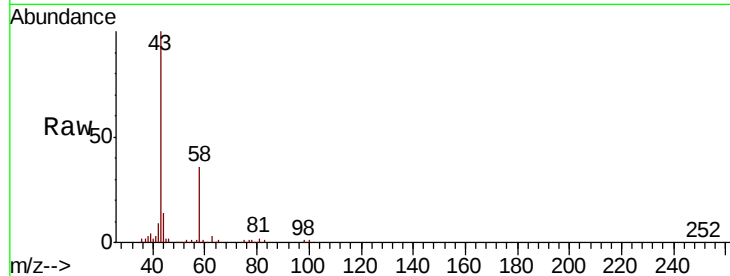
BEGE5DL

Tot Ion: 43 Resp: 55646

Ion Ratio Lower Upper

43 100

58 37.2 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV007455.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007455.D (-332) (-)

2.20

40000

30000

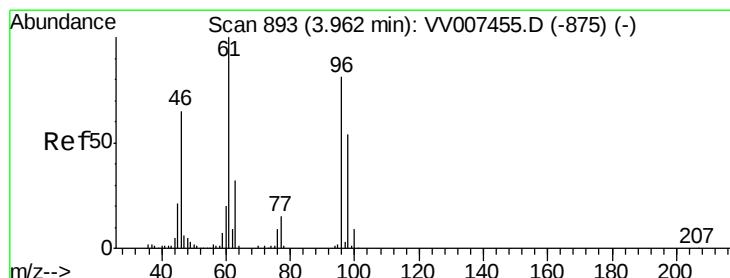
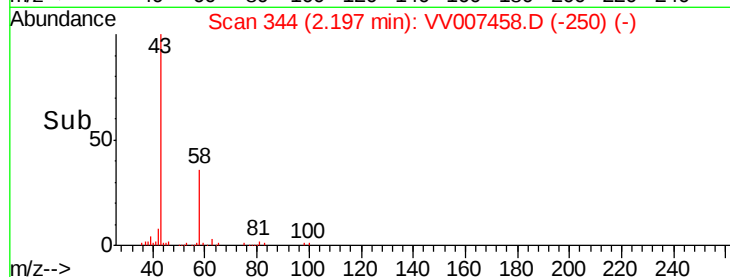
20000

10000

0

Time-->

2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 1.60 ug/L

RT: 3.96 min Scan# 893

Delta R.T. -0.00 min

Lab File: VV007458.D

Acq: 07 Sep 2018 13:58

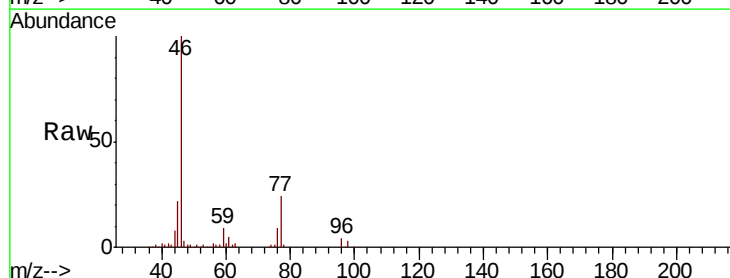
Tgt Ion: 96 Resp: 8131

Ion Ratio Lower Upper

96 100

61 119.6 86.8 161.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV007455.D (-875) (-)

Ion 61.00 (60.70 to 61.70): VV007455.D (-875) (-)

Ion 68.00 (67.70 to 68.70): VV007455.D (-875) (-)

5000

4000

3000

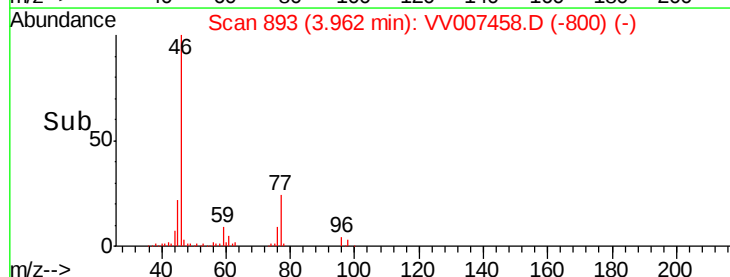
2000

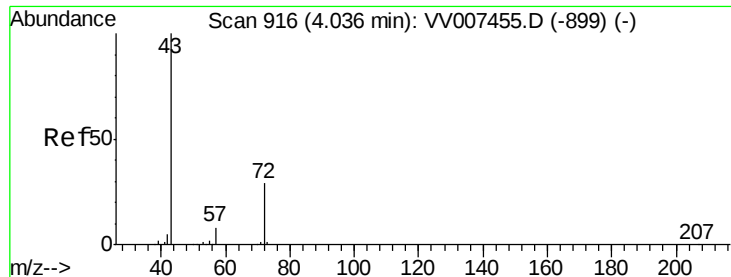
1000

0

Time-->

3.90 3.95 4.00





#22

2-Butanone

Concen: 3.12 ug/L

RT: 4.05 min Scan# 920

Delta R.T. 0.01 min

Lab File: VV007458.D

Acq: 07 Sep 2018 13:58

Instrument :

MSVOA_V

ClientSampleId :

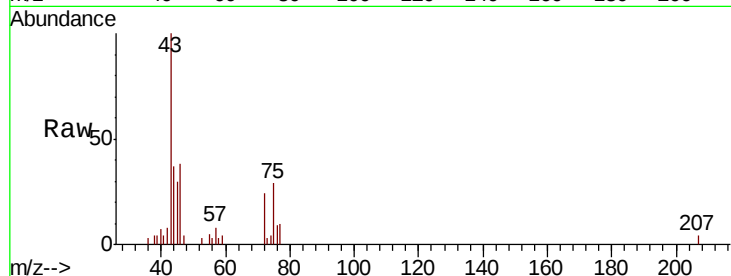
BEGE5DL

Tot Ion: 43 Resp: 11562

Ion Ratio Lower Upper

43 100

72 25.7 13.8 41.3

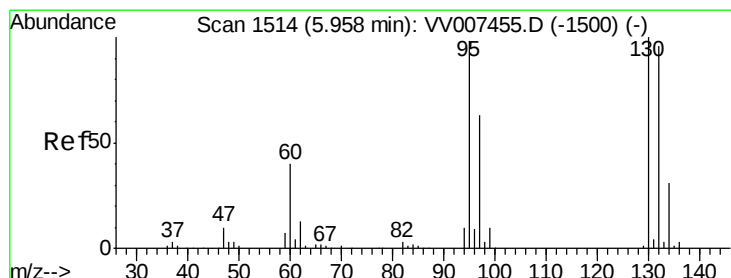
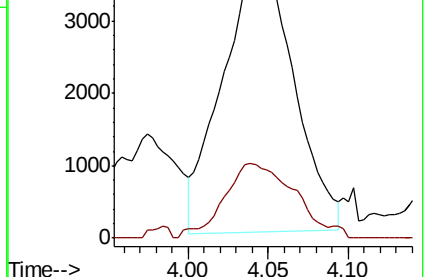
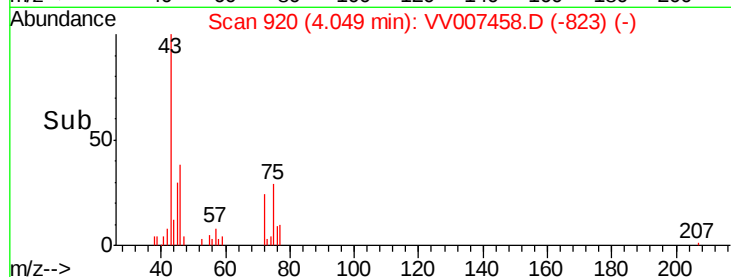


Abundance Ion 43.00 (42.70 to 43.70): VV007455.D (-899) (-)

Ion 72.00 (71.70 to 72.70): VV007455.D (-899) (-)

4.05

4.00 4.05 4.10



#34

Trichloroethene

Concen: 1.21 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV007458.D

Acq: 07 Sep 2018 13:58

Tgt Ion: 95 Resp: 5967

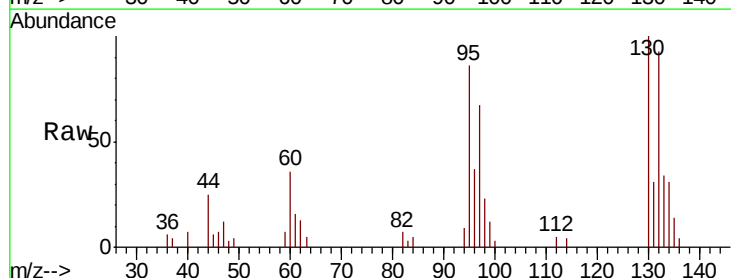
Ion Ratio Lower Upper

95 100

97 77.5 46.1 85.7

132 107.8 70.8 131.6

130 116.1 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VV007455.D (-1500) (-)

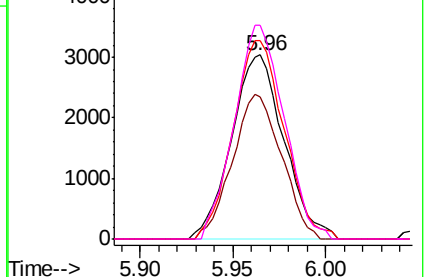
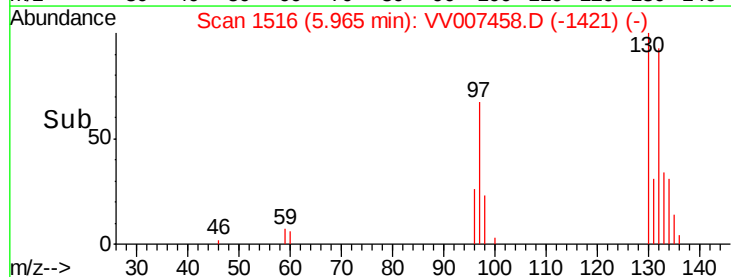
Ion 97.00 (96.70 to 97.70): VV007455.D (-1500) (-)

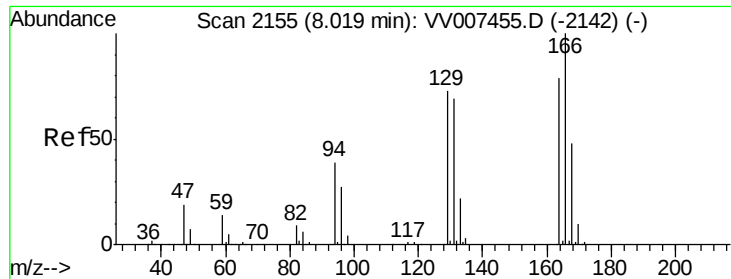
Ion 132.00 (131.70 to 132.70): VV007455.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV007455.D (-1500) (-)

5.96

5.90 5.95 6.00





#46

Tetrachloroethene

Concen: 33.01 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007458.D

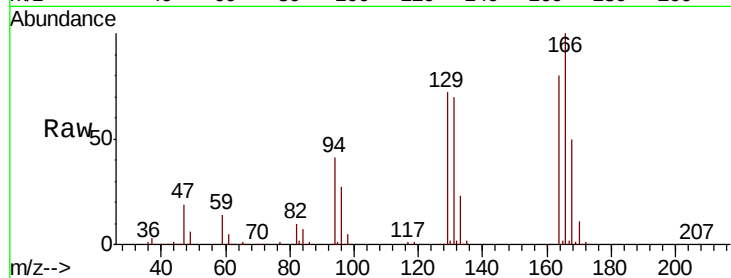
Acq: 07 Sep 2018 13:58

Instrument :

MSVOA_V

ClientSampleId :

BEGE5DL



Tot Ion:164 Resp: 131244

Ion Ratio Lower Upper

164 100

129 90.5 63.9 118.7

131 87.5 62.6 116.2

166 125.3 91.6 170.2

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

