

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073120\
 Data File : VV017770.D
 Acq On : 31 Jul 2020 13:10
 Operator : SY/MD
 Sample : L3486-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y33

Quant Time: Aug 01 05:08:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 01 04:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	153229	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	147754	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81965	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31411	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	27625	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.12	63	50979	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	3.92	46	77903	44.51	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.02%
24) Chloroform-d	4.37	84	77184	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.06	65	46200	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.07	84	132816	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.09	67	37156	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	7.34	98	119460	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
45) trans-1,3-Dichloropropene-	7.64	79	17185	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
48) 2-Hexanone-d5	8.11	63	55797	43.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26141	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	56177	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

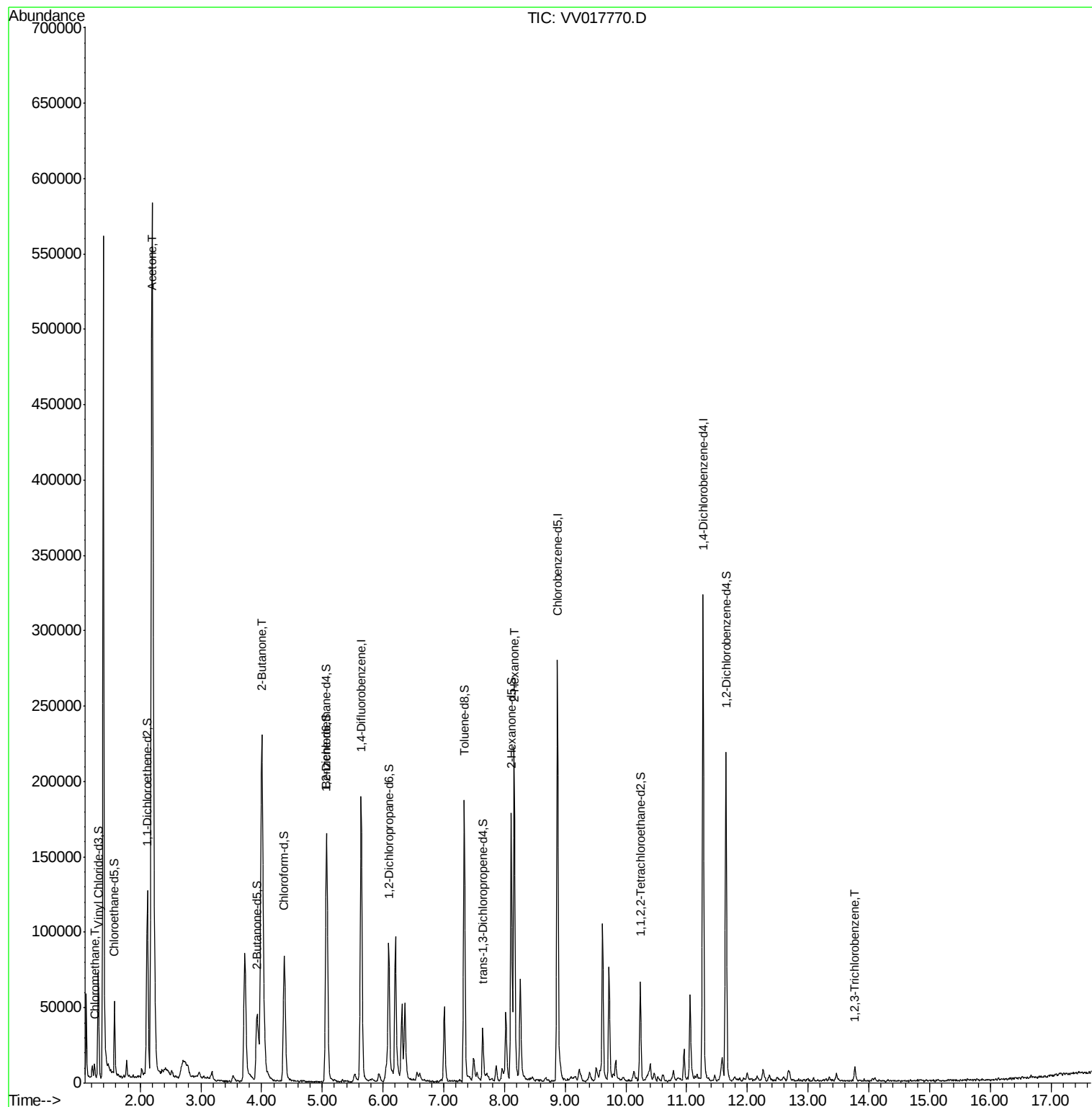
					Ovalue
3) Chloromethane	1.25	50	5322	0.487 ug/L	91
13) Acetone	2.20	43	1013648	739.766 ug/L #	55
21) 2-Butanone	4.00	43	411251	177.743 ug/L	97
50) 2-Hexanone	8.16	43	128266	33.637 ug/L	97
71) 1,2,3-Trichlorobenzene	13.77	180	3098	0.195 ug/L	90

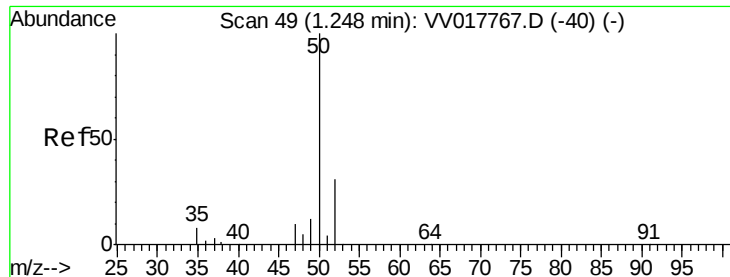
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.487 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017770.D

Acq: 31 Jul 2020 13:10

Instrument :

MSVOA_V

ClientSampleId :

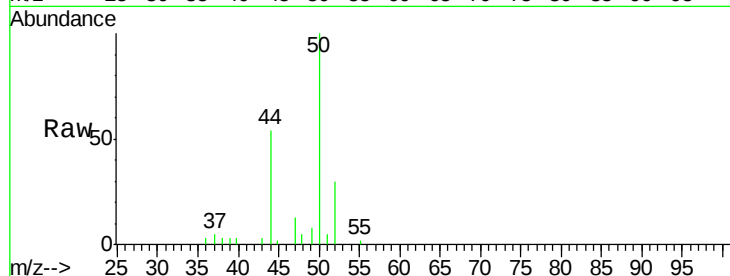
C0Y33

Tot Ion: 50 Resp: 5322

Ion Ratio Lower Upper

50 100

52 30.5 25.1 46.5

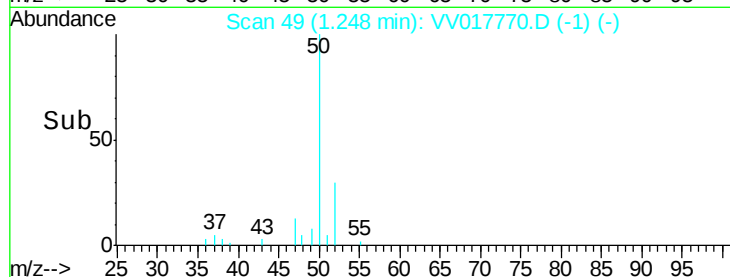


Abundance Ion 50.05 (49.75 to 50.75): VV017770.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV017770.D (-1) (-)

1.25

Time-->



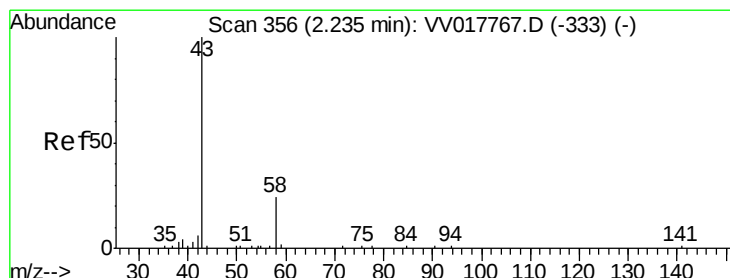
Abundance

Ion 50.05 (49.75 to 50.75): VV017770.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV017770.D (-1) (-)

1.25

Time-->



#13

Acetone

Concen: 739.766 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.04 min

Lab File: VV017770.D

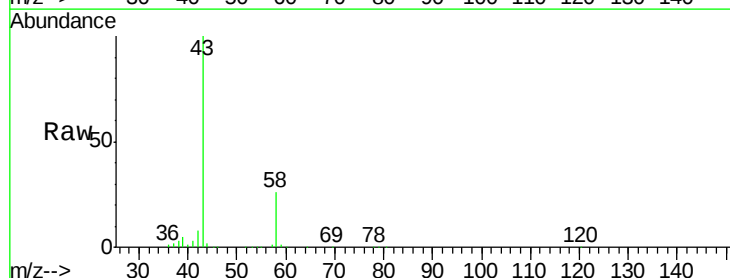
Acq: 31 Jul 2020 13:10

Tgt Ion: 43 Resp: 1013648

Ion Ratio Lower Upper

43 100

58 25.9 0.0 18.6#

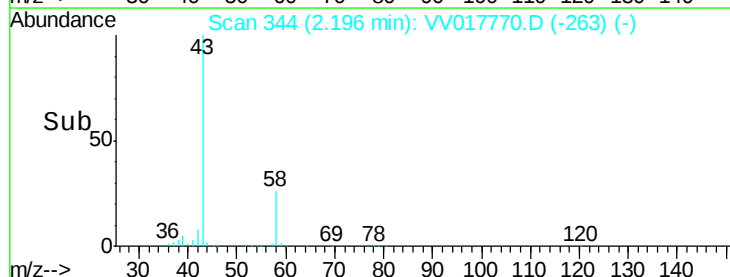


Abundance Ion 43.05 (42.75 to 43.75): VV017770.D (-263) (-)

Ion 58.05 (57.75 to 58.75): VV017770.D (-263) (-)

2.20

Time-->



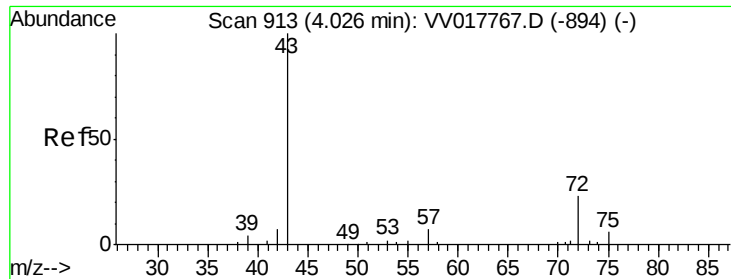
Abundance

Ion 43.05 (42.75 to 43.75): VV017770.D (-263) (-)

Ion 58.05 (57.75 to 58.75): VV017770.D (-263) (-)

2.20

Time-->



#21

2-Butanone

Concen: 177.743 ug/L

RT: 4.00 min Scan# 906

Delta R.T. -0.02 min

Lab File: VV017770.D

Acq: 31 Jul 2020 13:10

Instrument :

MSVOA_V

ClientSampleId :

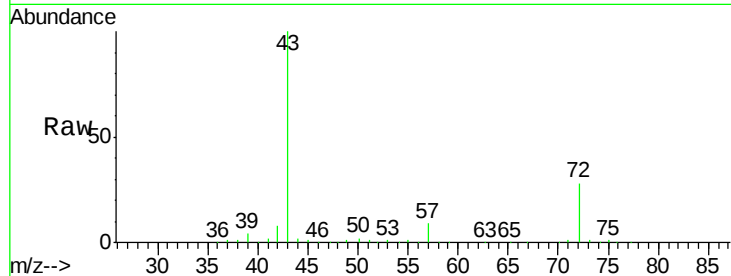
C0Y33

Tot Ion: 43 Resp: 411251

Ion Ratio Lower Upper

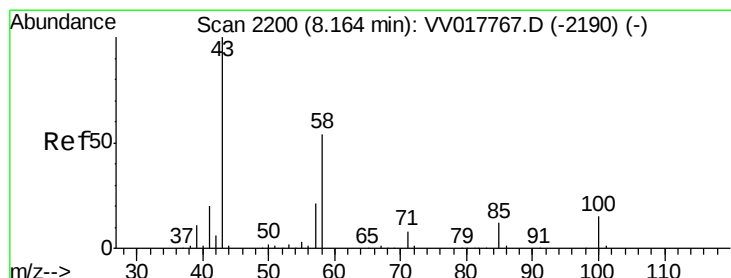
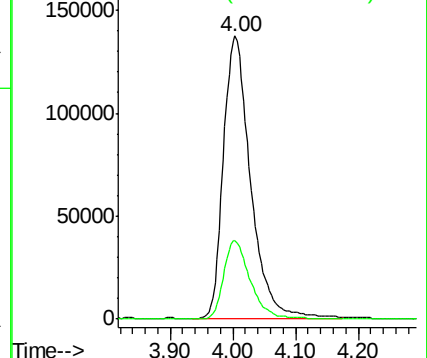
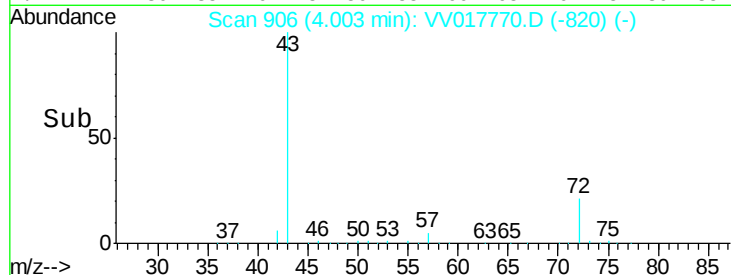
43 100

72 27.4 13.0 38.9



Abundance Ion 43.00 (42.70 to 43.70): VV017770.D (-820) (-)

Ion 72.00 (71.70 to 72.70): VV017770.D (-820) (-)



#50

2-Hexanone

Concen: 33.637 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. -0.00 min

Lab File: VV017770.D

Acq: 31 Jul 2020 13:10

Tgt Ion: 43 Resp: 128266

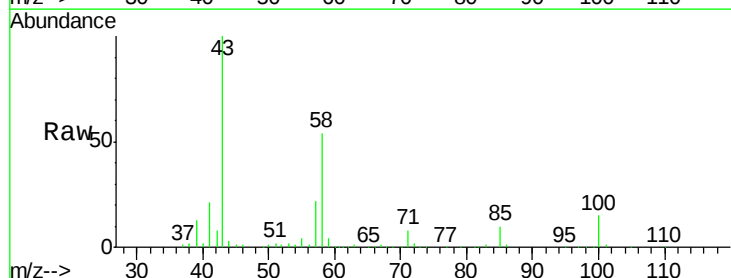
Ion Ratio Lower Upper

43 100

58 54.2 41.6 62.4

57 21.5 15.4 23.0

100 14.8 11.2 16.8

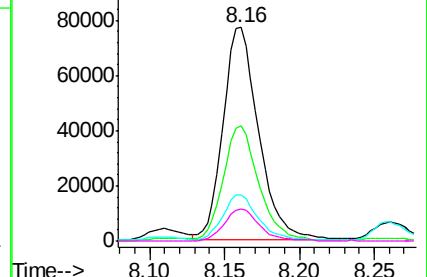
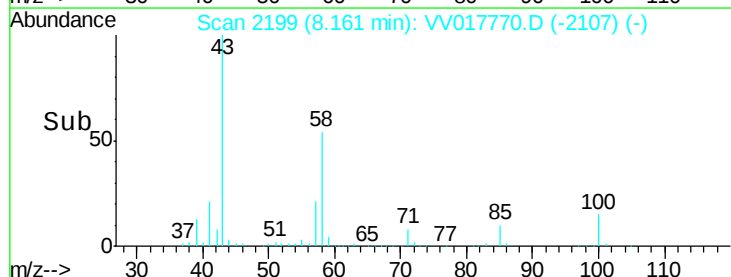


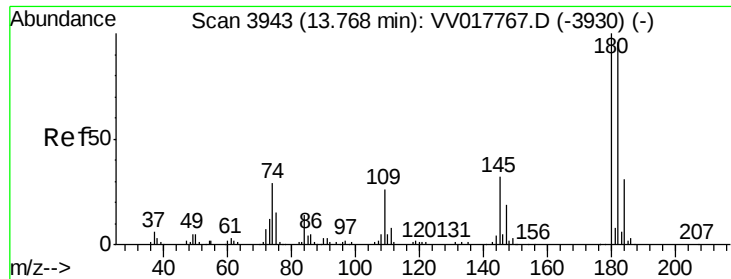
Abundance Ion 43.05 (42.75 to 43.75): VV017770.D (-2107) (-)

Ion 58.05 (57.75 to 58.75): VV017770.D (-2107) (-)

Ion 57.20 (56.90 to 57.90): VV017770.D (-2107) (-)

Ion 100.15 (99.85 to 100.85): VV017770.D (-2107) (-)

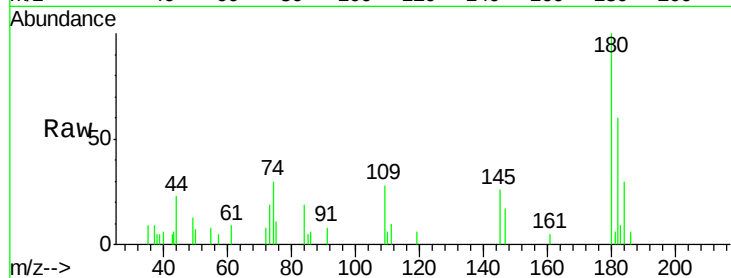




#71
 1,2,3-Trichlorobenzene
 Concen: 0.195 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV017770.D
 Acq: 31 Jul 2020 13:10

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y33

Tot Ion	Ratio	Lower	Upper
180	100		
182	81.6	74.2	111.4
145	34.6	26.0	39.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

