

Data File : VV010733.D
Acq On : 08 May 2019 18:24
Operator : SY/MD
Sample : K2633-09RE
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJAIRE

Quant Time: May 09 02:59:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	31122	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	29841	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	11581	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11184	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
7) Chloroethane-d5	1.58	69	9581	24.08	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
10) 1,1-Dichloroethene-d2	2.13	63	18460	17.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.40%
20) 2-Butanone-d5	3.94	46	4755	32.78	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.56%
24) Chloroform-d	4.40	84	20360	24.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	11801	22.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.08%
29) Benzene-d6	5.10	84	38535	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	6.12	67	12149	24.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.08%
37) Toluene-d8	7.36	98	35100	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.36%
38) trans-1,3-Dichloropropene-	7.67	79	4430	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.68%
39) 2-Hexanone-d5	8.14	63	3000	28.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	10372	22.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	11924	26.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.36%

Target Compounds

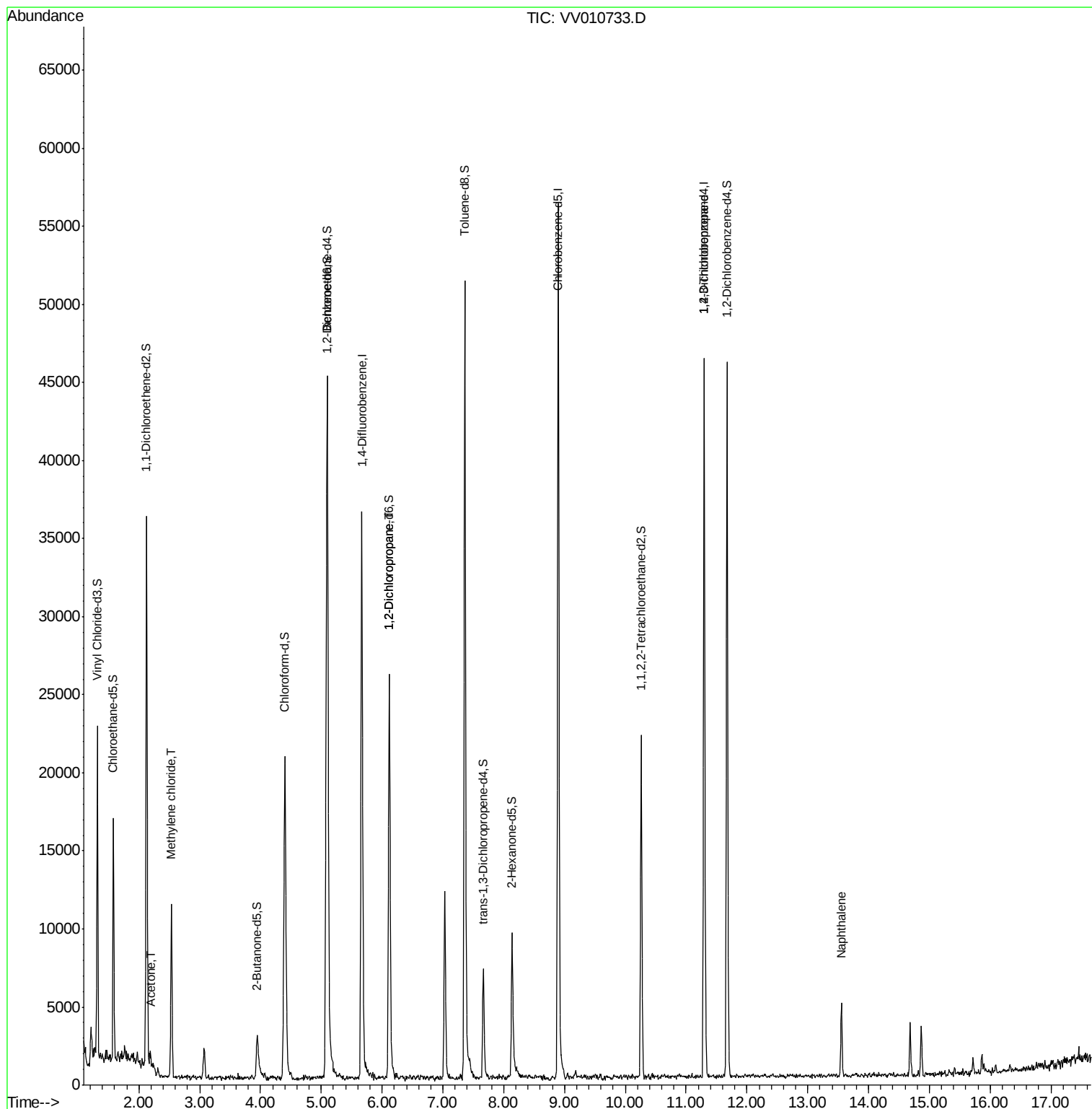
					Qvalue
13) Acetone	2.19	43	682	3.036 ug/L	60
16) Methylene chloride	2.53	84	4347	9.034 ug/L	91
40) 1,2-Dichloropropane	6.12	63	1462	3.137 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	1626	4.154 ug/L #	78
69) Naphthalene	13.55	128	3651	3.796 ug/L #	87

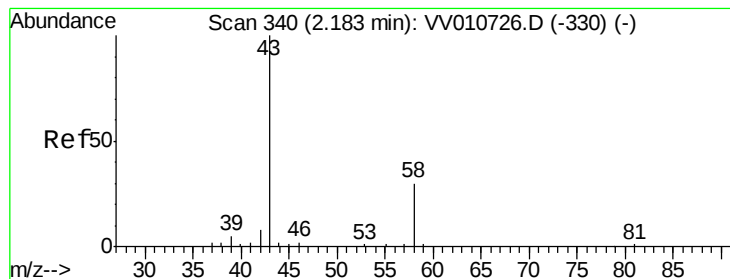
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.036 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV010733.D

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Instrument :

MSVOA_V

ClientSampleId :

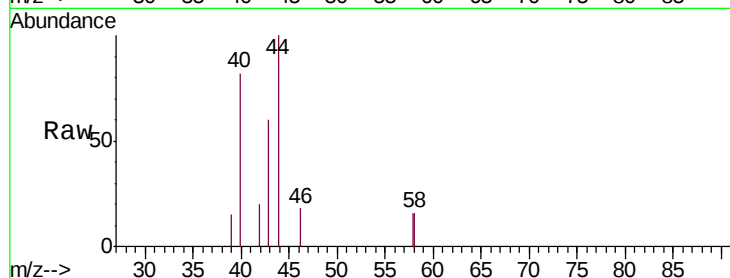
GAJA1RE

Tgt Ion: 43 Resp: 682

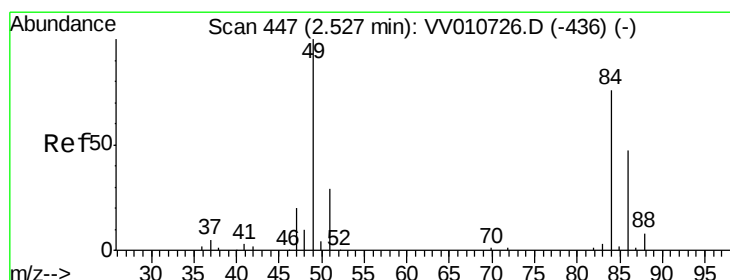
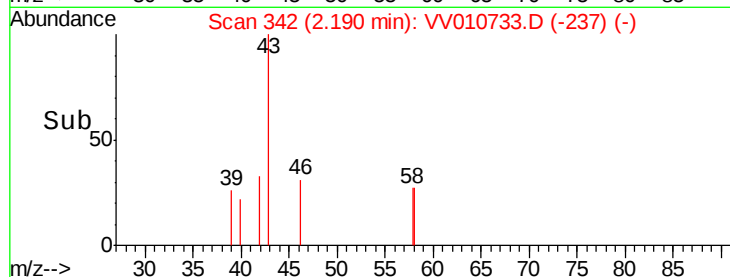
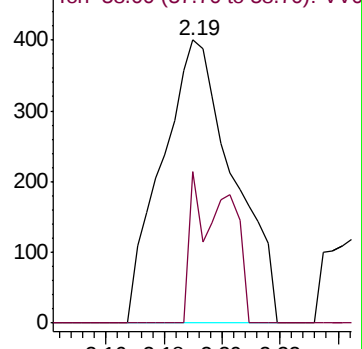
Ion Ratio Lower Upper

43 100

58 9.2 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010733.D (-237) (-)



#16

Methylene chloride

Concen: 9.034 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.01 min

Lab File: VV010733.D

Acq: 08 May 2019 18:24

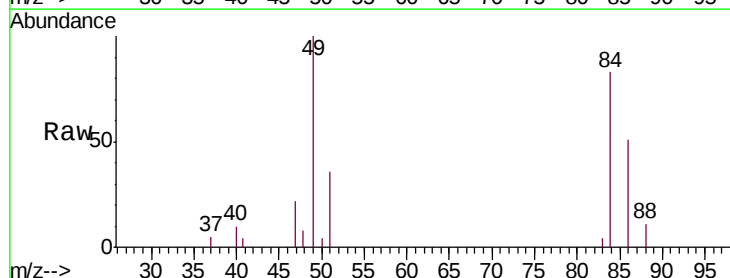
Tgt Ion: 84 Resp: 4347

Ion Ratio Lower Upper

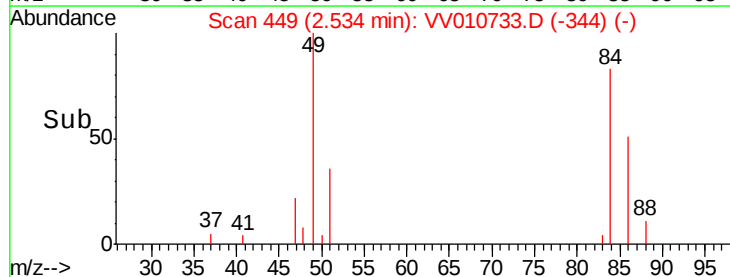
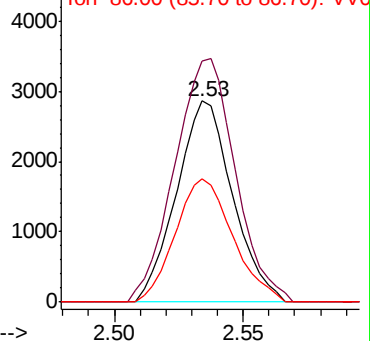
84 100

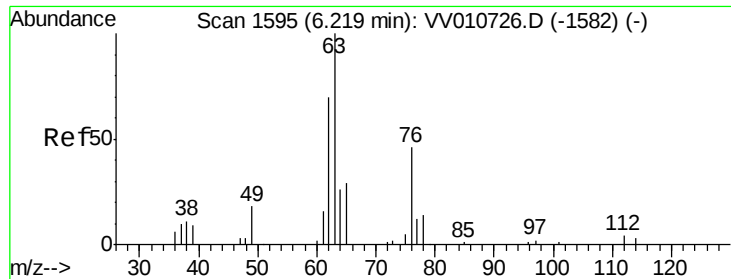
49 120.0 92.9 172.5

86 61.1 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010733.D (-344) (-)

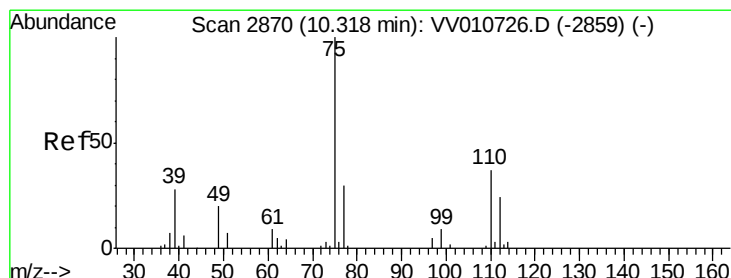
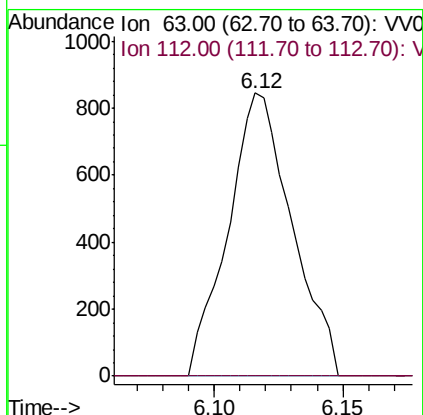
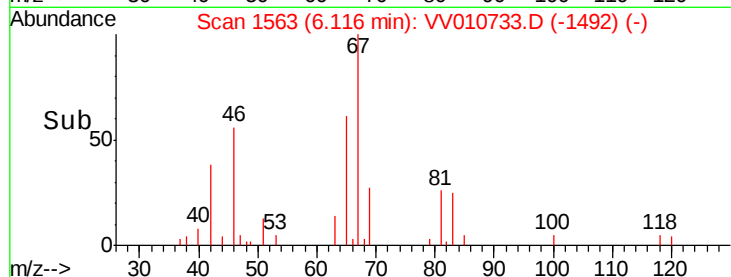
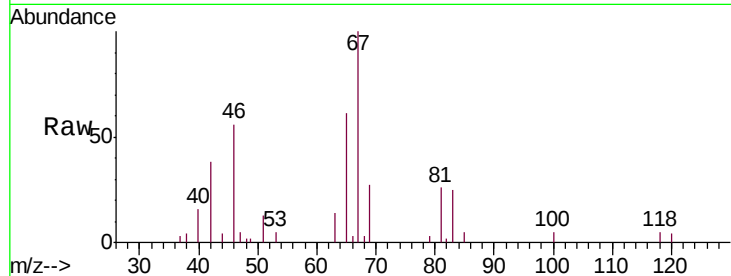




#40
 1,2-Dichloropropane
 Concen: 3.137 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010733.D
 Acq: 08 May 2019 18:24

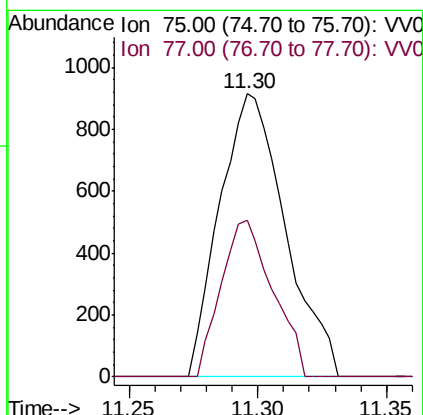
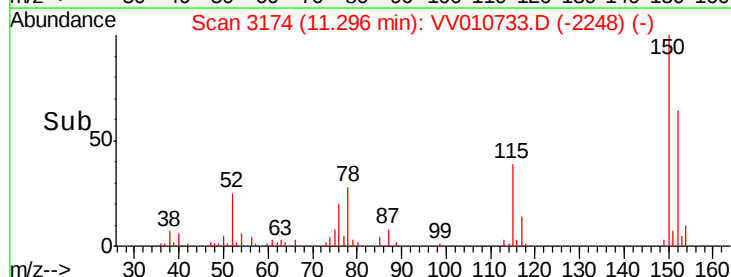
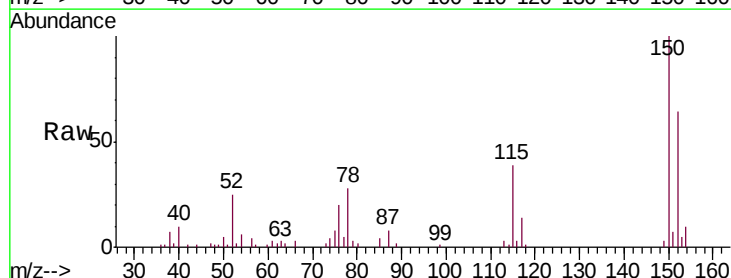
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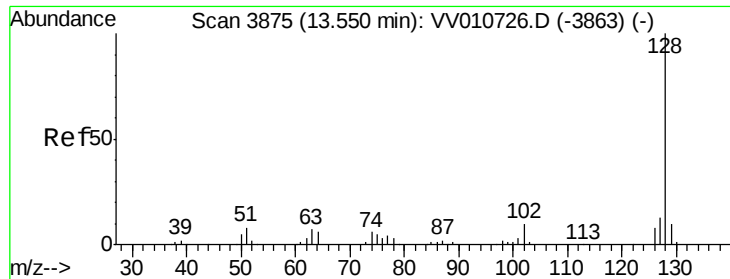
Tgt Ion: 63 Resp: 1462
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.154 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010733.D
 Acq: 08 May 2019 18:24

Tgt Ion: 75 Resp: 1626
 Ion Ratio Lower Upper
 75 100
 77 43.6 25.0 37.6#





#69

Naphthalene

Concen: 3.796 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010733.D

Acq: 08 May 2019 18:24

Instrument :

MSVOA_V

ClientSampleId :

GAJA1RE

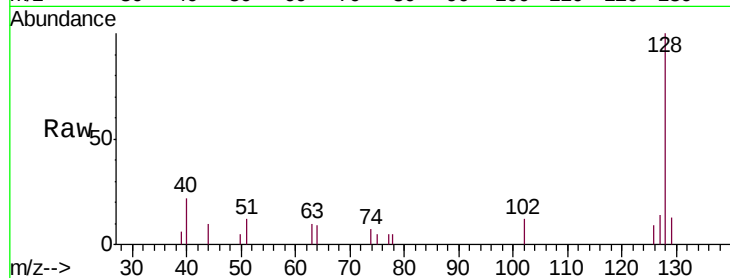
Tgt Ion:128 Resp: 3651

Ion Ratio Lower Upper

128 100

129 4.7 8.3 12.5#

127 8.9 10.8 16.2#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

