

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082718\
 Data File : VU026393.D
 Acq On : 27 Aug 2018 12:50
 Operator : MD/SY
 Sample : J4622-03DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBJ3DL

Quant Time: Aug 27 15:15:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 13:46:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	319880	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	311187	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	149146	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92178	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.48%
7) Chloroethane-d5	1.68	69	78426	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.58%
11) 1,1-Dichloroethene-d2	2.27	63	144513	37.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.36%
21) 2-Butanone-d5	4.18	46	161745	103.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.87%
24) Chloroform-d	4.65	84	212717	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
26) 1,2-Dichloroethane-d4	5.31	65	141291	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
32) Benzene-d6	5.35	84	414650	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
36) 1,2-Dichloropropane-d6	6.33	67	134695	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.78%
41) Toluene-d8	7.57	98	376680	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%
43) trans-1,3-Dichloropropene-	7.85	79	64471	46.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.36%
47) 2-Hexanone-d5	8.31	63	122695	107.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	188175	47.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	162222	51.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.52%

Target Compounds

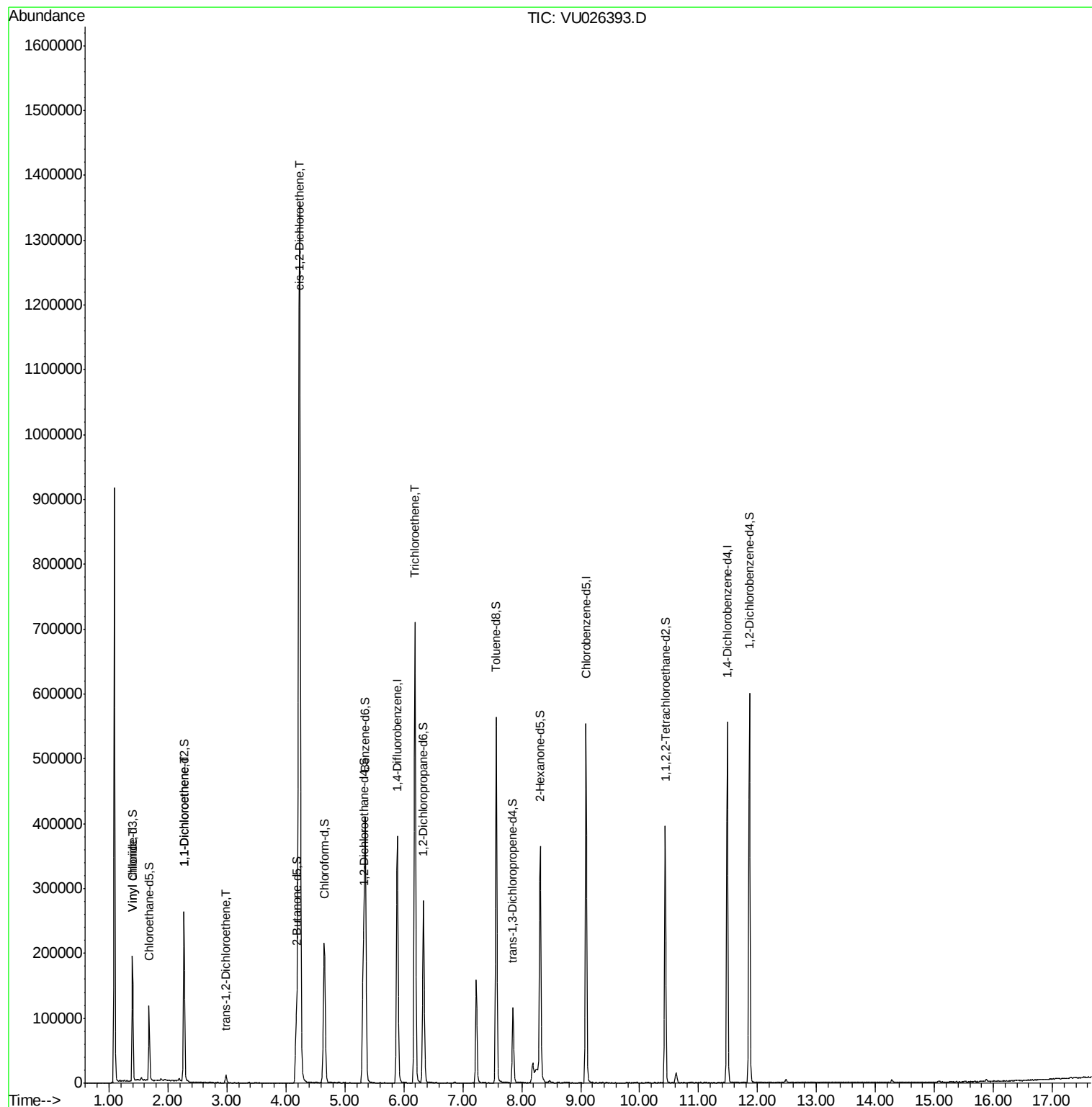
						Ovalue
5) Vinyl chloride	1.40	62	37095	15.90	ug/L	97
12) 1,1-Dichloroethene	2.28	96	3545	2.11	ug/L	# 1
17) trans-1,2-Dichloroethene	2.99	96	4878	2.35	ug/L	95
20) cis-1,2-Dichloroethene	4.23	96	780812	340.87	ug/L	96
34) Trichloroethene	6.19	95	241737	107.76	ug/L	98

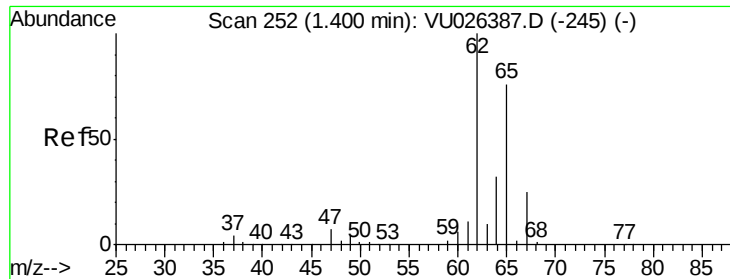
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 27 13:46:46 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 15.90 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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ClientSampleId :

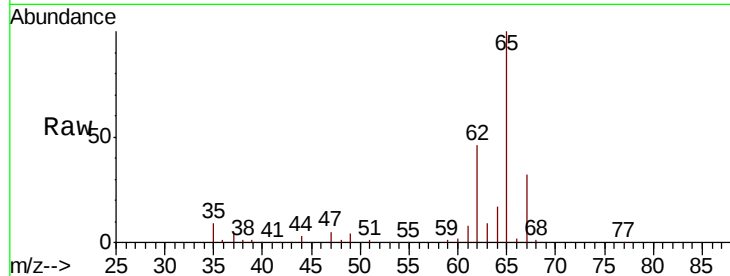
ETBJ3DL

Tot Ion: 62 Resp: 37095

Ion Ratio Lower Upper

62 100

64 36.1 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

40000

30000

20000

10000

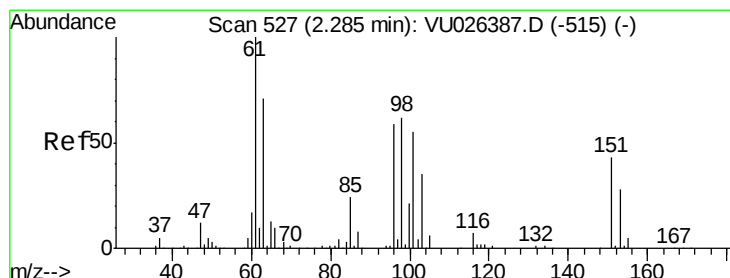
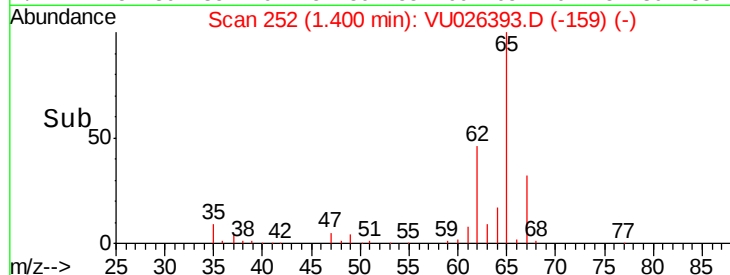
0

Time-->

1.35

1.40

1.45



#12

1,1-Dichloroethene

Concen: 2.11 ug/L

RT: 2.28 min Scan# 525

Delta R.T. -0.01 min

Lab File: VU026393.D

Acq: 27 Aug 2018 12:50

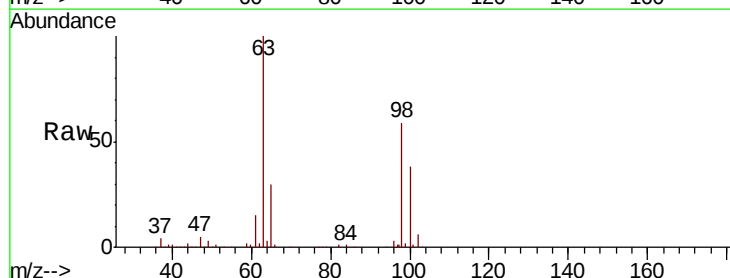
Tgt Ion: 96 Resp: 3545

Ion Ratio Lower Upper

96 100

61 555.6 124.7 231.5#

63 3779.5 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

120000

100000

80000

60000

40000

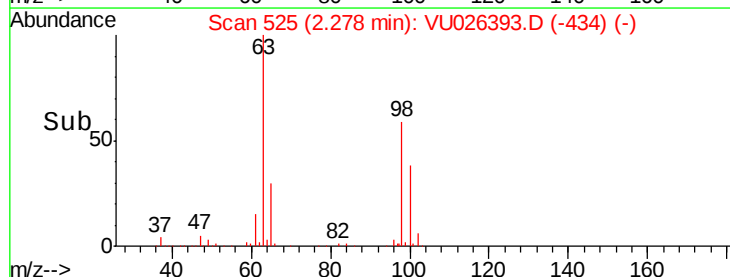
20000

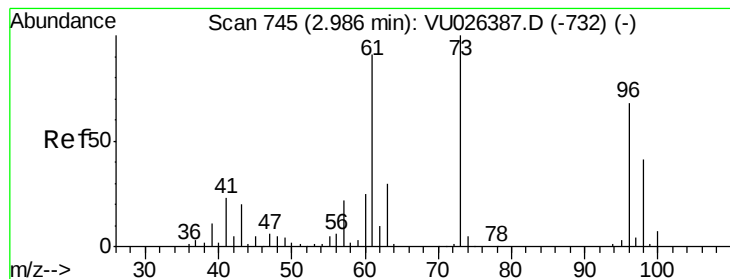
0

Time-->

2.25

2.30





#17

trans-1,2-Dichloroethene

Concen: 2.35 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026393.D

Acq: 27 Aug 2018 12:50

Instrument :

MSVOA_U

ClientSampleId :

ETBJ3DL

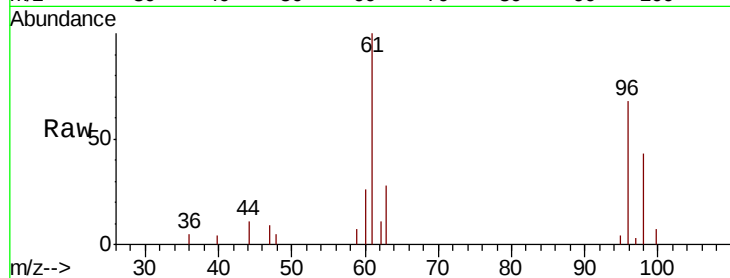
Tot Ion: 96 Resp: 4878

Ion Ratio Lower Upper

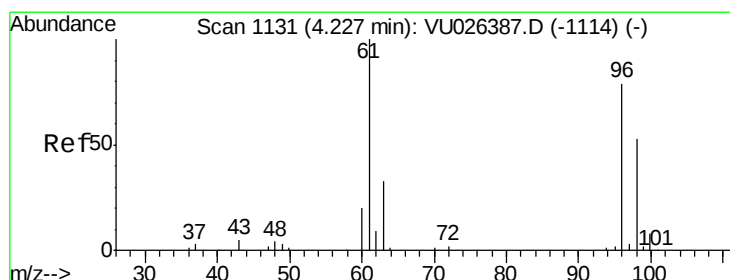
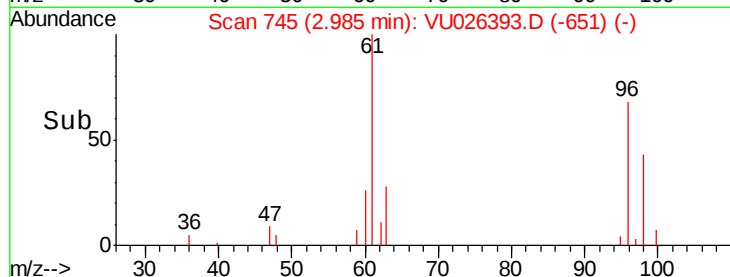
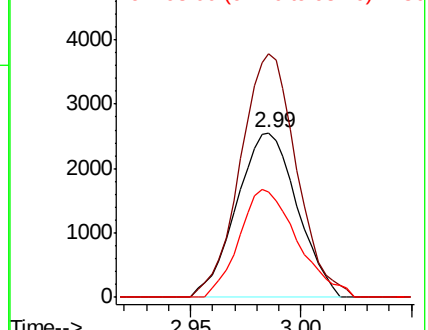
96 100

61 147.7 97.9 181.9

98 63.7 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 340.87 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU026393.D

Acq: 27 Aug 2018 12:50

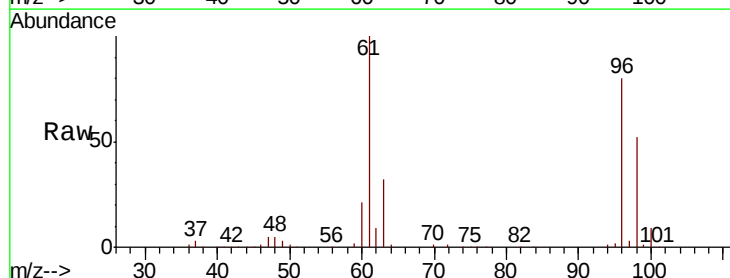
Tgt Ion: 96 Resp: 780812

Ion Ratio Lower Upper

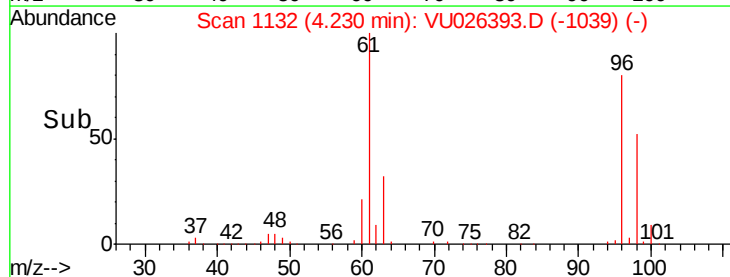
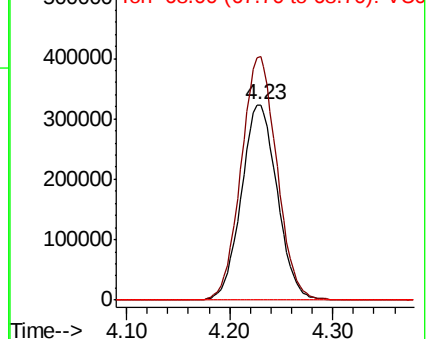
96 100

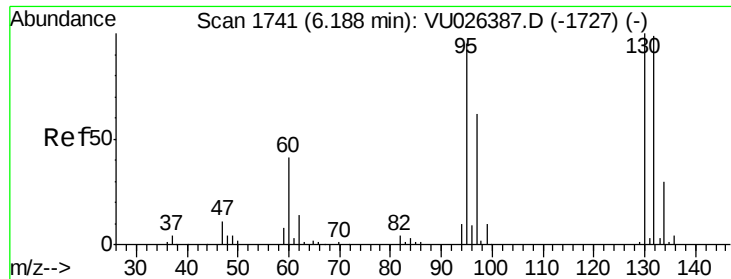
61 124.5 90.3 167.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

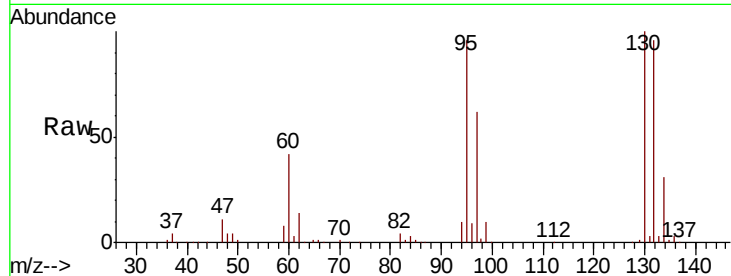




#34
 Trichloroethene
 Concen: 107.76 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026393.D
 Acq: 27 Aug 2018 12:50

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion:	95	Resp:	241737
Ion	Ratio	Lower	Upper
95	100		
97	63.9	47.2	87.6
132	99.6	70.2	130.4
130	103.8	73.4	136.4



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

