

Data File : VV012525.D
Acq On : 02 Sep 2019 13:37
Operator : SY/MD
Sample : K4607-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD62

Quant Time: Sep 03 05:47:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159007	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	158474	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61305	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9642	0.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	12.40%#
7) Chloroethane-d5	1.59	69	14938	0.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	19.60%#
11) 1,1-Dichloroethene-d2	2.14	63	31467	0.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	16.60%#
20) 2-Butanone-d5	3.93	46	131331	44.63	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.26%
24) Chloroform-d	4.40	84	71447	3.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.20%#
26) 1,2-Dichloroethane-d4	5.08	65	32242	2.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	52.40%#
32) Benzene-d6	5.10	84	89217	2.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	40.00%#
36) 1,2-Dichloropropane-d6	6.12	67	42717	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	61.00%
41) Toluene-d8	7.36	98	83692	2.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	41.40%#
43) trans-1,3-Dichloropropene-	7.67	79	14411	2.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.20%
46) 2-Hexanone-d5	8.14	63	67496	35.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39019	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	48951	4.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

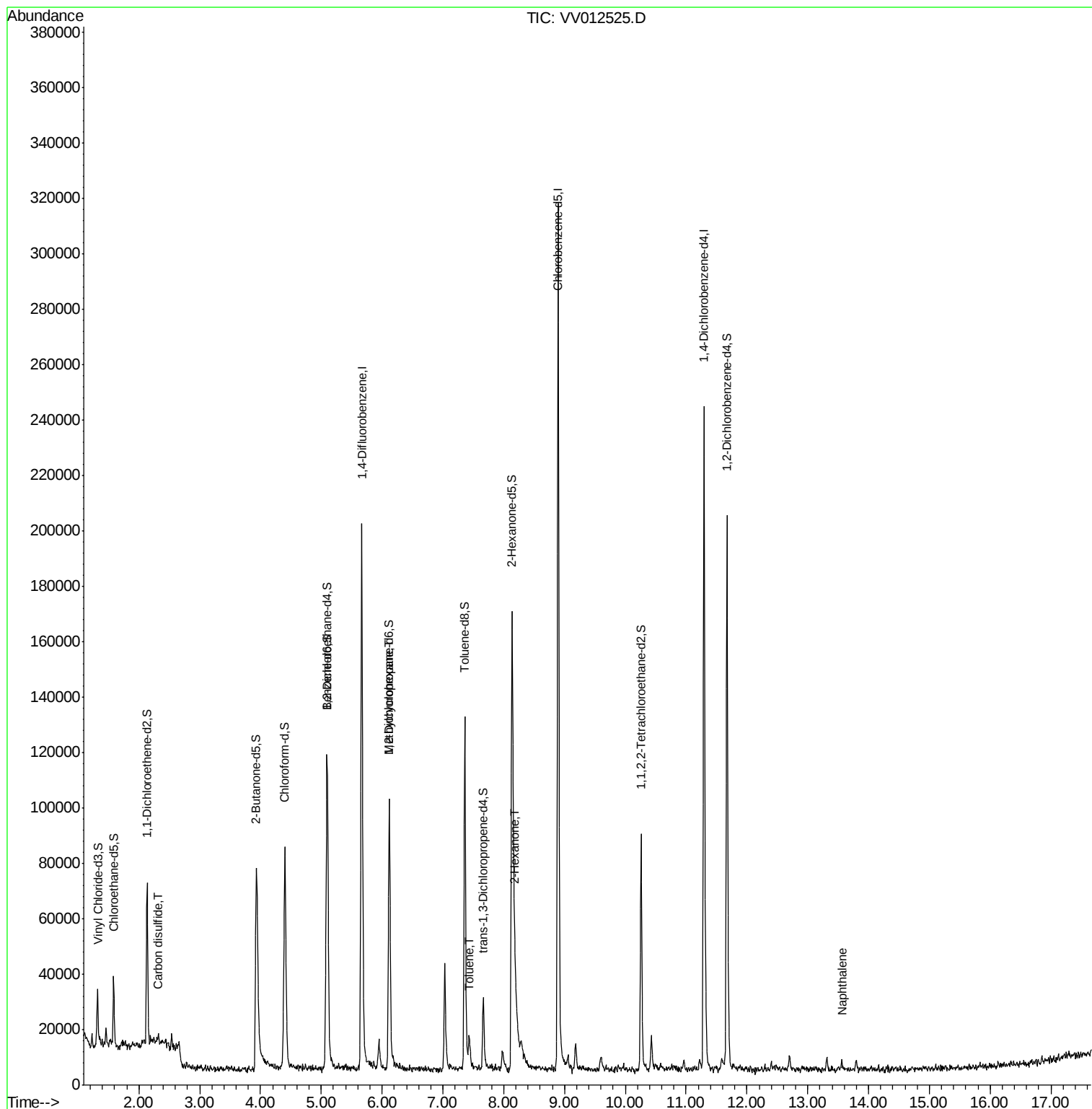
					Qvalue
14) Carbon disulfide	2.32	76	2724	0.041	ug/L # 65
35) Methylcyclohexane	6.12	83	9985	0.364	ug/L # 17
42) Toluene	7.44	91	6621	0.094	ug/L # 99
48) 2-Hexanone	8.19	43	7080	0.999	ug/L # 81
69) Naphthalene	13.56	128	2341	0.112	ug/L # 97

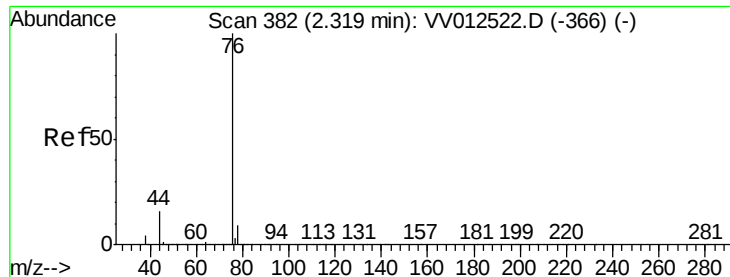
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.041 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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ClientSampleId :

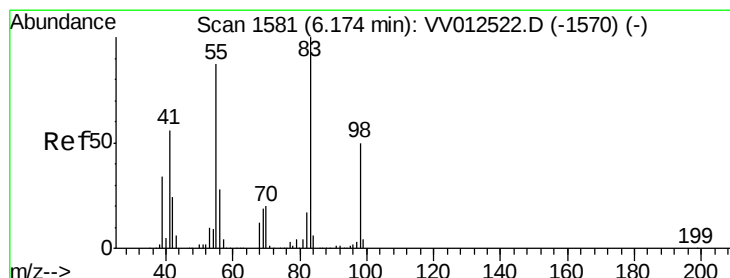
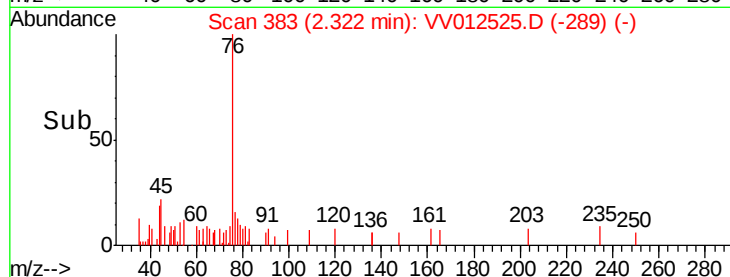
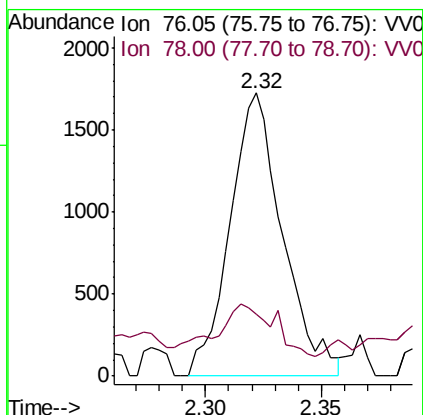
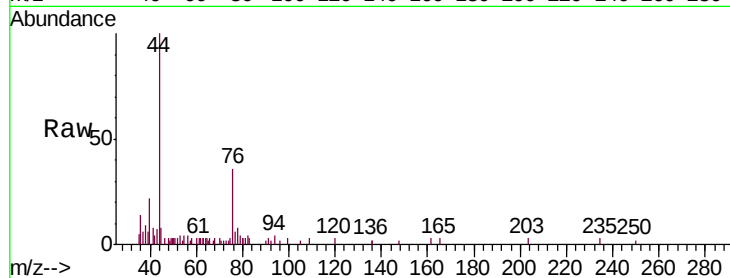
BFD62

Tgt Ion: 76 Resp: 2724

Ion Ratio Lower Upper

76 100

78 21.8 7.4 11.0#



#35

Methylcyclohexane

Concen: 0.364 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

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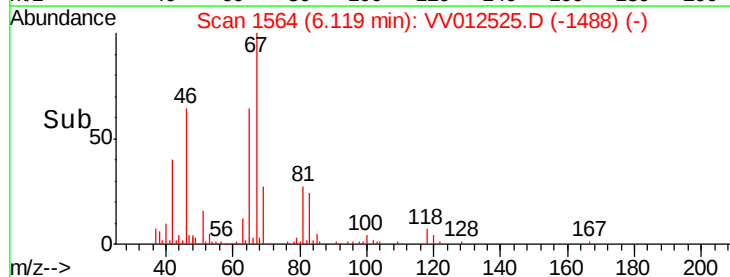
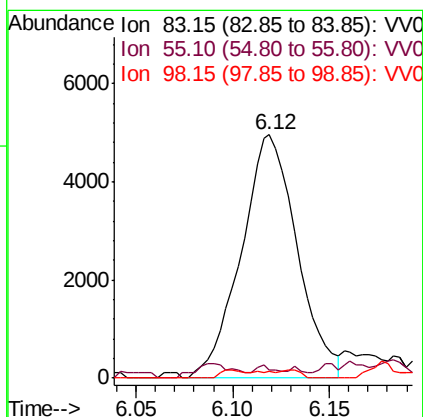
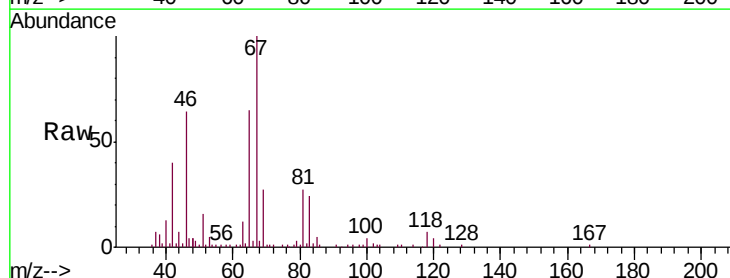
Tgt Ion: 83 Resp: 9985

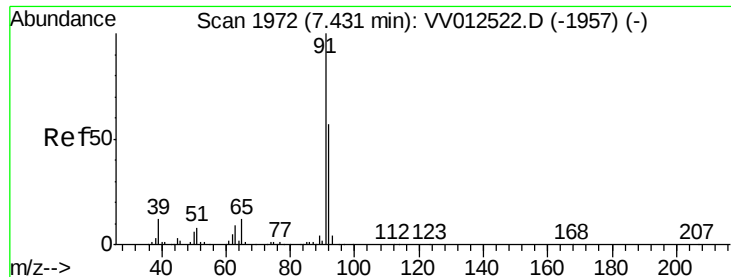
Ion Ratio Lower Upper

83 100

55 1.9 67.3 100.9#

98 0.0 37.4 56.2#





#42

Toluene

Concen: 0.094 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.01 min

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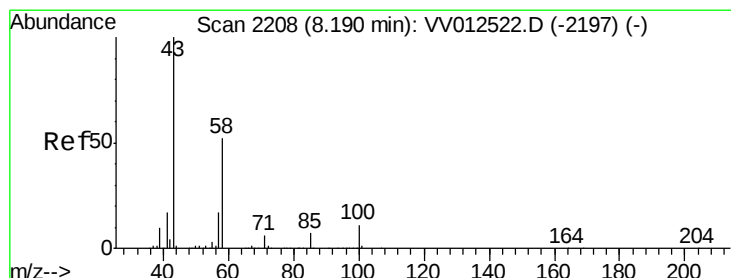
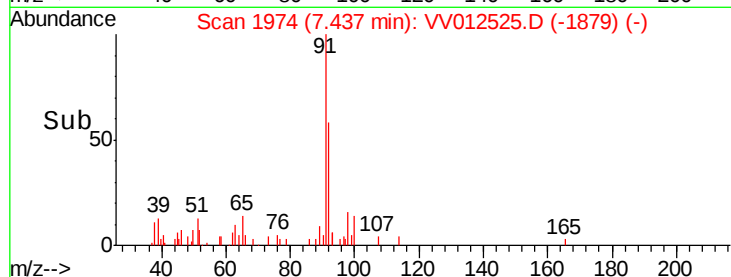
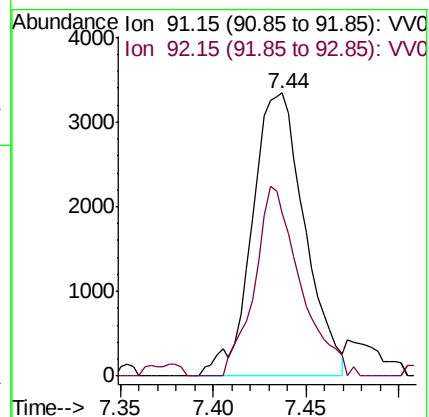
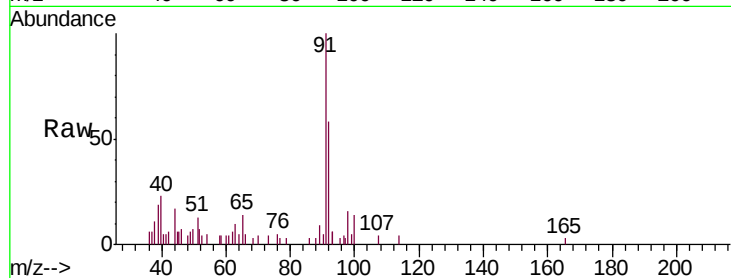
BFD62

Tgt Ion: 91 Resp: 6621

Ion Ratio Lower Upper

91 100

92 57.6 39.6 73.6



#48

2-Hexanone

Concen: 0.999 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

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Tgt Ion: 43 Resp: 7080

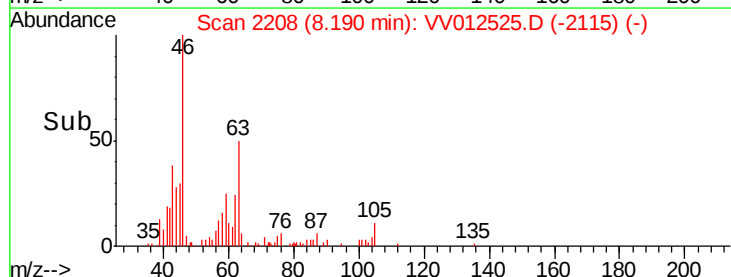
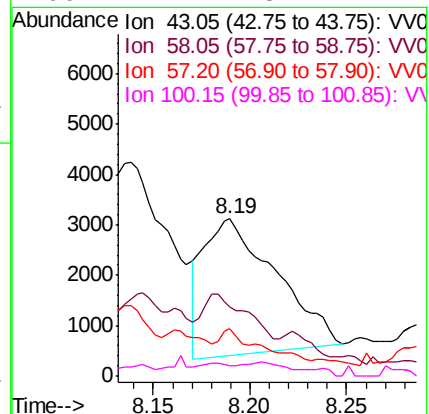
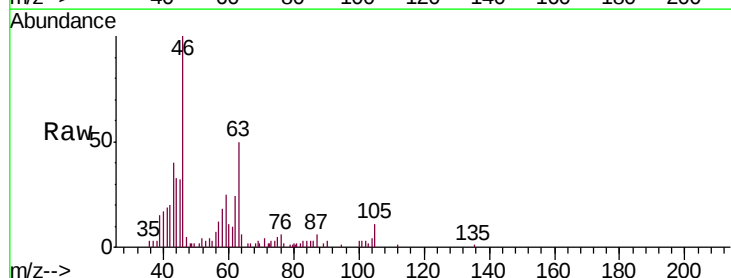
Ion Ratio Lower Upper

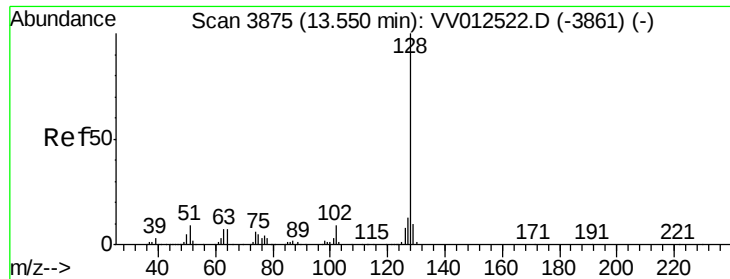
43 100

58 34.7 40.0 60.0#

57 13.7 13.4 20.2

100 2.4 8.2 12.2#





#69

Naphthalene

Concen: 0.112 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.01 min

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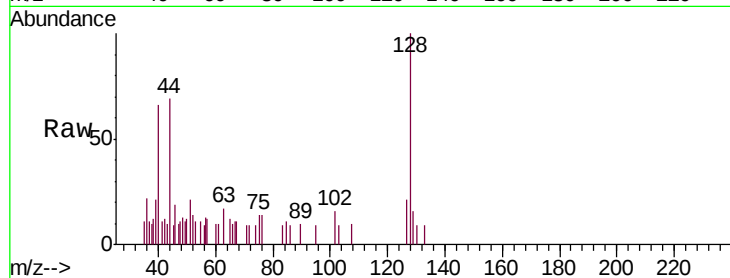
Tgt Ion:128 Resp: 2341

Ion Ratio Lower Upper

128 100

129 9.3 8.8 13.2

127 14.2 11.0 16.4



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

