

Data File : VU036898.D
Acq On : 25 Feb 2020 11:02
Operator : JC/MD
Sample : VU0225WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK58

Quant Time: Feb 26 01:30:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 26 01:28:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	266702	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	249044	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	95855	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104294	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.14%
7) Chloroethane-d5	1.93	69	89467	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.56%
11) 1,1-Dichloroethene-d2	2.59	63	135133	36.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.06%
21) 2-Butanone-d5	4.67	46	153128	101.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.93%
24) Chloroform-d	5.11	84	165953	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
26) 1,2-Dichloroethane-d4	5.74	65	114710	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
32) Benzene-d6	5.76	84	365459	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
36) 1,2-Dichloropropane-d6	6.73	67	119938	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.80%
41) Toluene-d8	7.92	98	332980	49.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.68%
43) trans-1,3-Dichloropropene-	8.20	79	52063	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.02%
47) 2-Hexanone-d5	8.66	63	114109	100.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	161684	49.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	99427	53.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.12%

Target Compounds

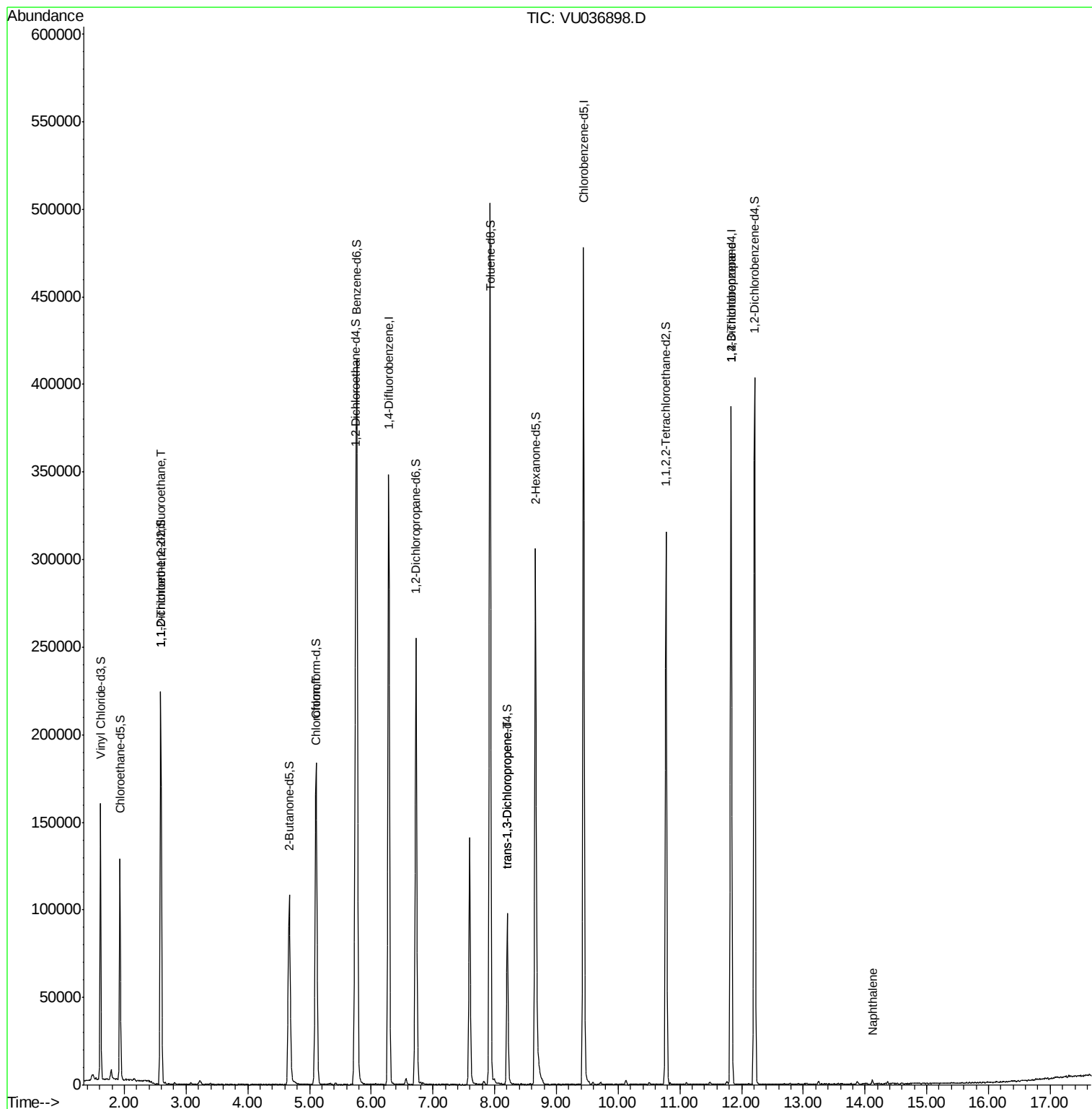
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1334	0.783	ug/L #	25
25) Chloroform	5.12	83	2905	0.837	ug/L #	69
44) trans-1,3-Dichloropropene	8.20	75	3020	1.067	ug/L	89
59) 1,2,3-Trichloropropane	11.83	75	14439	5.298	ug/L	96
69) Naphthalene	14.12	128	2401	0.920	ug/L #	86

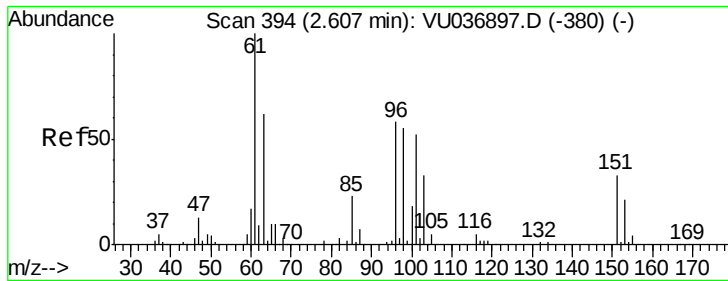
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.783 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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ClientSampleId :

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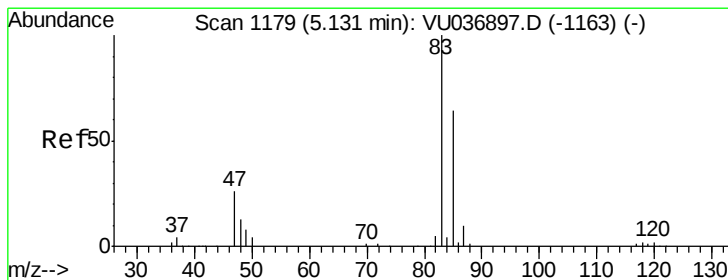
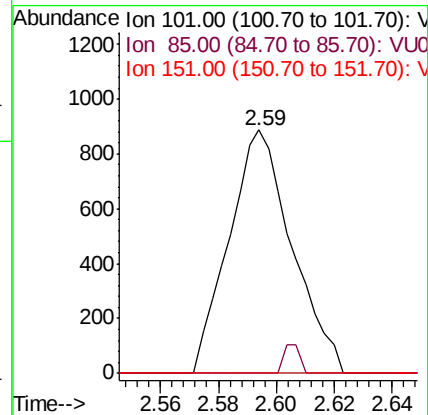
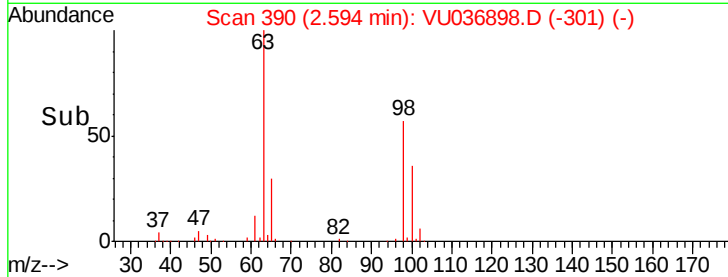
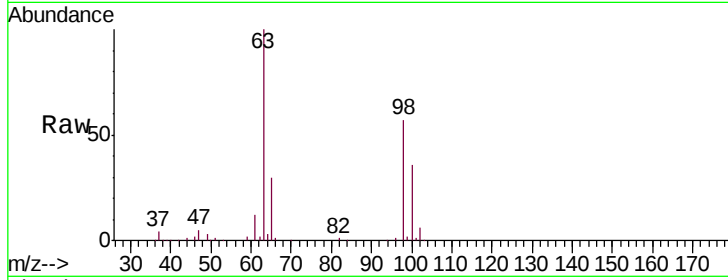
Tgt Ion:101 Resp: 1334

Ion Ratio Lower Upper

101 100

85 3.1 36.4 54.6#

151 0.0 52.4 78.6#



#25

Chloroform

Concen: 0.837 ug/L

RT: 5.12 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VU036898.D

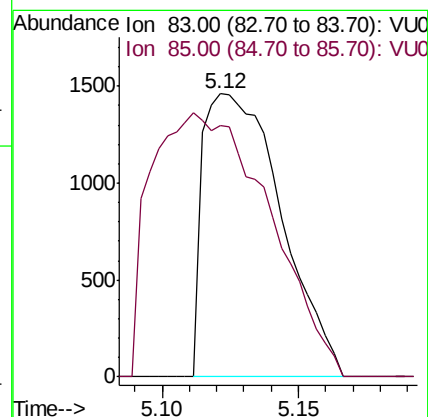
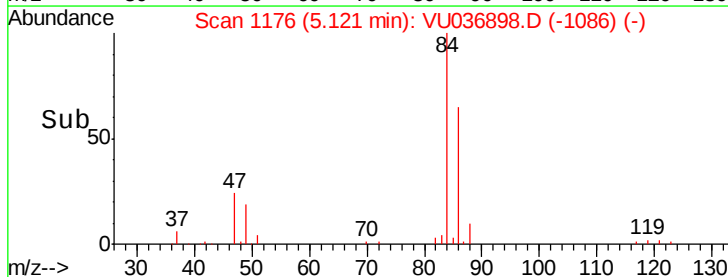
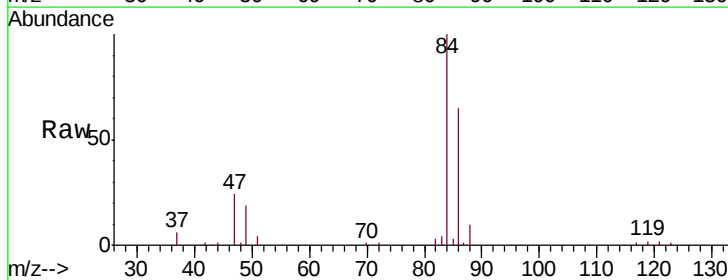
Acq: 25 Feb 2020 11:02

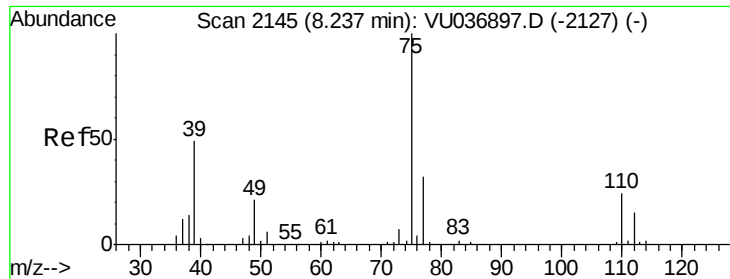
Tgt Ion: 83 Resp: 2905

Ion Ratio Lower Upper

83 100

85 88.8 45.1 83.9#





#44

trans-1,3-Dichloropropene

Concen: 1.067 ug/L

RT: 8.20 min Scan# 2135

Delta R.T. -0.03 min

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MSVOA_U

ClientSampleId :

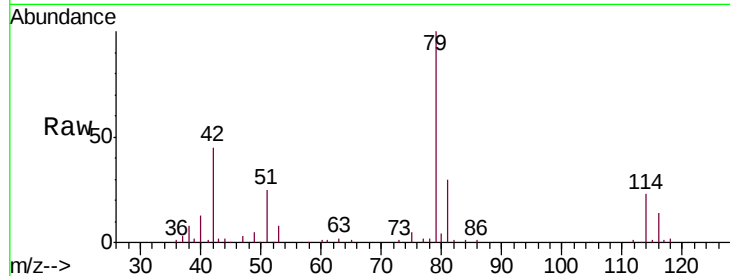
VBLK58

Tgt Ion: 75 Resp: 3020

Ion Ratio Lower Upper

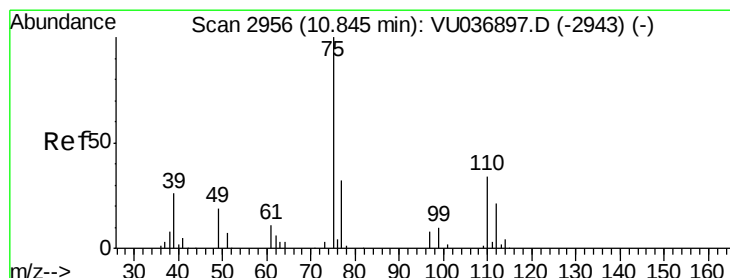
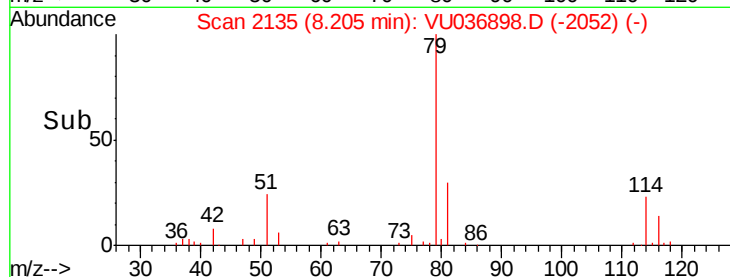
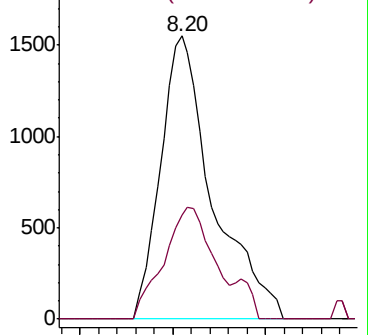
75 100

77 36.8 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU036897.D (-2127) (-)

Ion 77.00 (76.70 to 77.70): VU036897.D (-2127) (-)



#59

1,2,3-Trichloropropane

Concen: 5.298 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036898.D

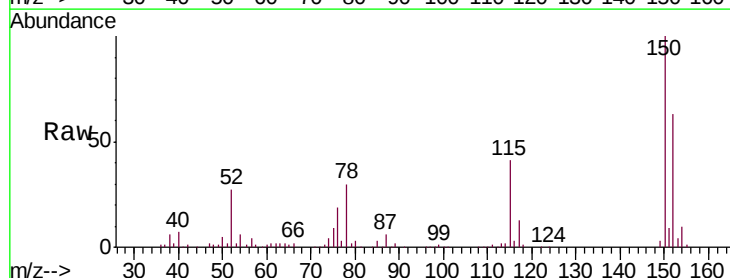
Acq: 25 Feb 2020 11:02

Tgt Ion: 75 Resp: 14439

Ion Ratio Lower Upper

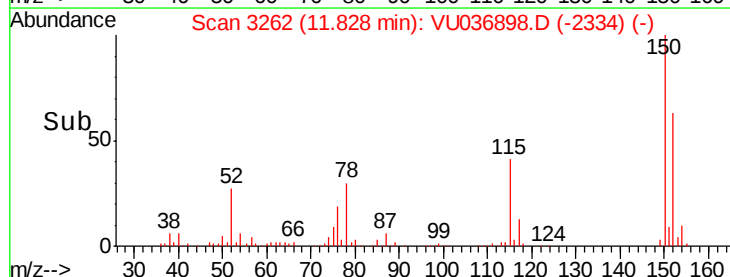
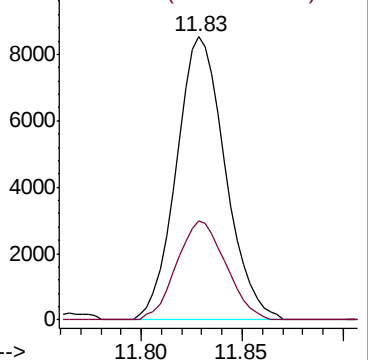
75 100

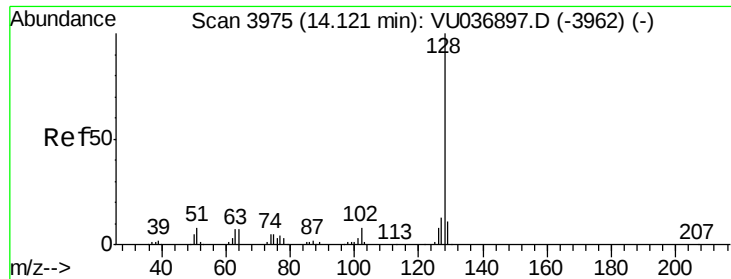
77 35.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU036897.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU036897.D (-2943) (-)





#69

Naphthalene

Concen: 0.920 ug/L

RT: 14.12 min Scan# 3974

Delta R.T. -0.00 min

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VBLK58

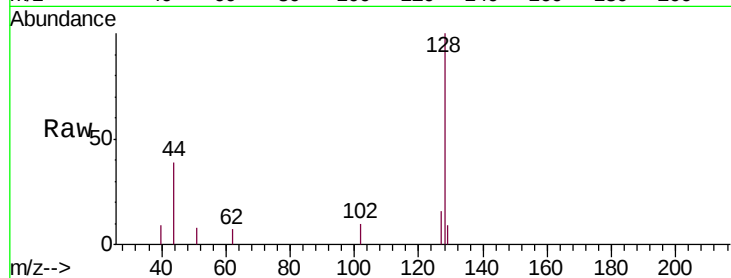
Tgt Ion:128 Resp: 2401

Ion Ratio Lower Upper

128 100

127 10.5 11.0 16.4#

129 2.7 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

