

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050318\
 Data File : VV005770.D
 Acq On : 03 May 2018 18:44
 Operator : SY/MD
 Sample : J2551-08
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 01:36:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR043018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 04 01:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	217954	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	218617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92122	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73917	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	62100	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.13	63	124301	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.97	46	133164	45.88	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.76%
24) Chloroform-d	4.41	84	137535	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.09	65	80820	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.11	84	257755	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.13	67	77253	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.37	98	238428	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.67	79	28831	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.14	63	105582	47.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	54125	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	82080	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

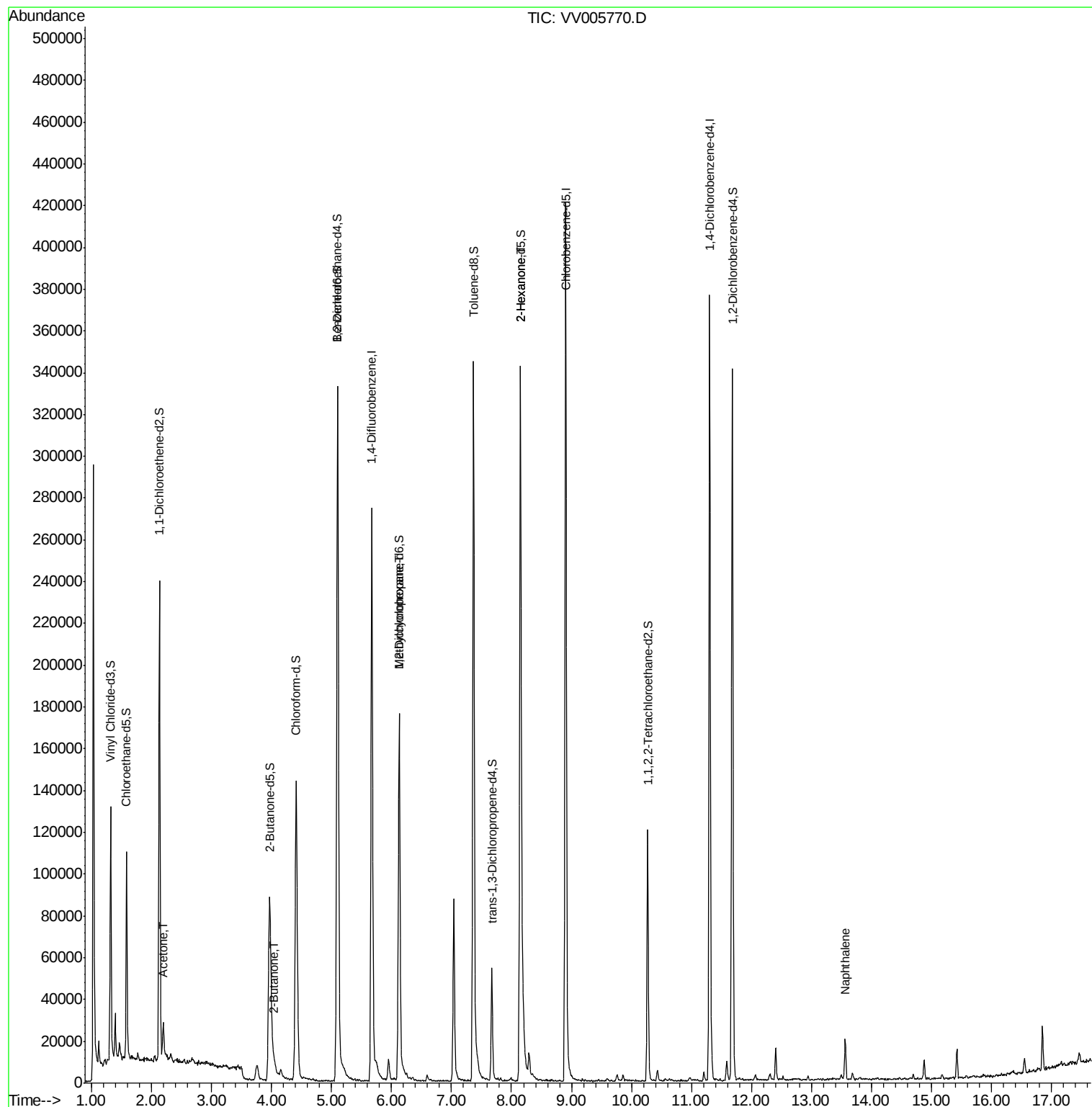
Target Compounds

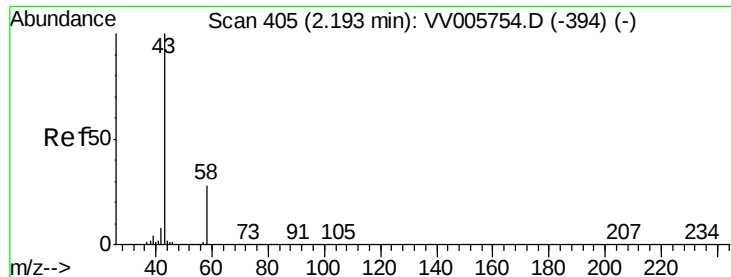
					Qvalue
13) Acetone	2.20	43	15854	7.04 ug/L	93
21) 2-Butanone	4.05	43	4432	1.41 ug/L	84
35) Methylcyclohexane	6.12	83	19214	0.71 ug/L #	18
48) 2-Hexanone	8.15	43	18671	3.21 ug/L #	81
69) Naphthalene	13.56	128	13886	0.58 ug/L	96

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

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#13

Acetone

Concen: 7.04 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.01 min

Lab File: VV005770.D

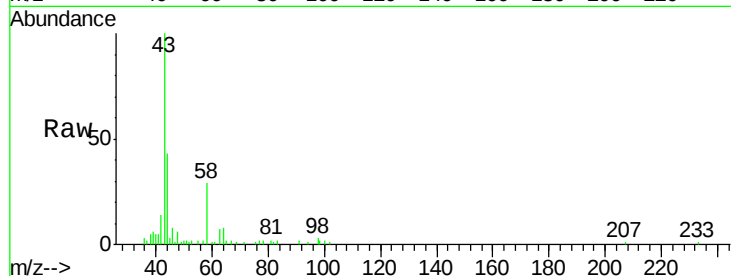
Acq: 03 May 2018 18:44

Tgt Ion: 43 Resp: 15854

Ion Ratio Lower Upper

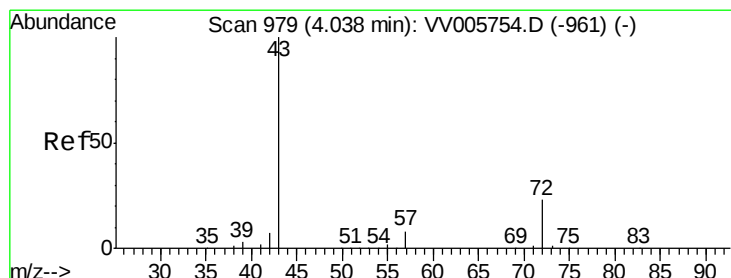
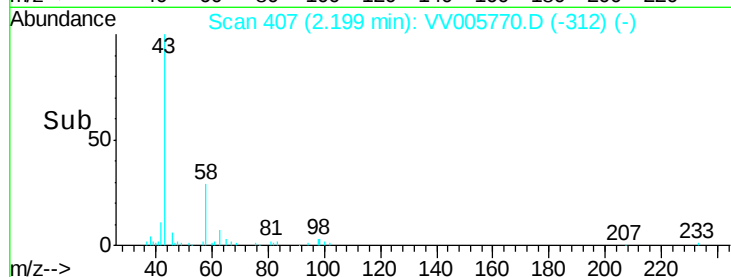
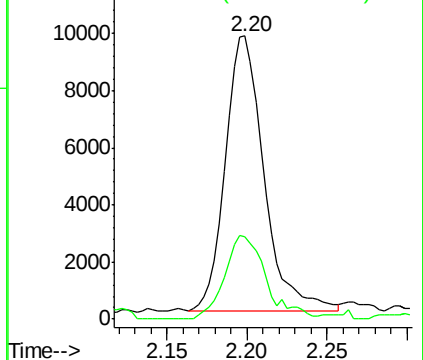
43 100

58 32.6 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 1.41 ug/L

RT: 4.05 min Scan# 983

Delta R.T. 0.01 min

Lab File: VV005770.D

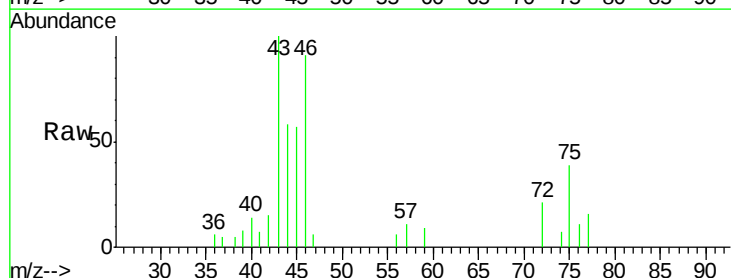
Acq: 03 May 2018 18:44

Tgt Ion: 43 Resp: 4432

Ion Ratio Lower Upper

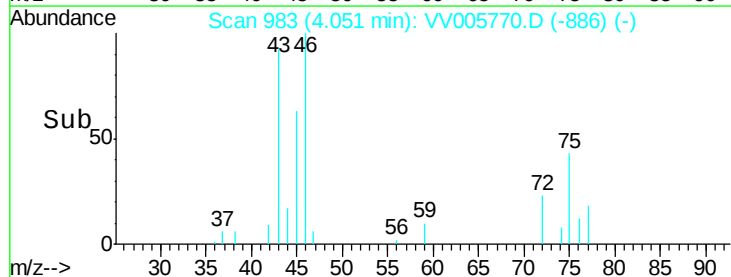
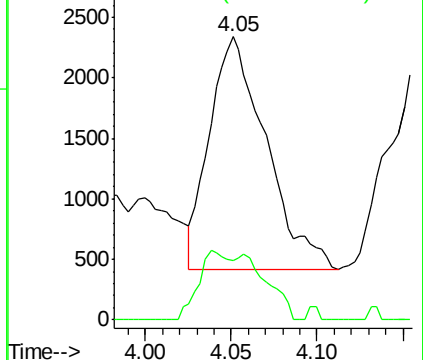
43 100

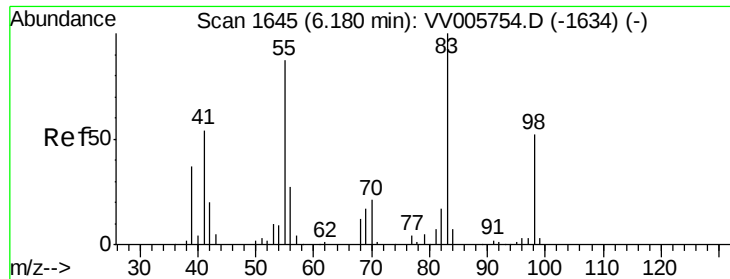
72 17.0 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0





#35

Methylcyclohexane

Concen: 0.71 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV005770.D

Acq: 03 May 2018 18:44

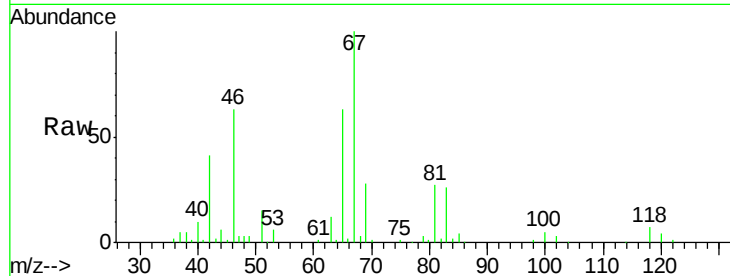
Tgt Ion: 83 Resp: 19214

Ion Ratio Lower Upper

83 100

55 0.8 63.4 95.0#

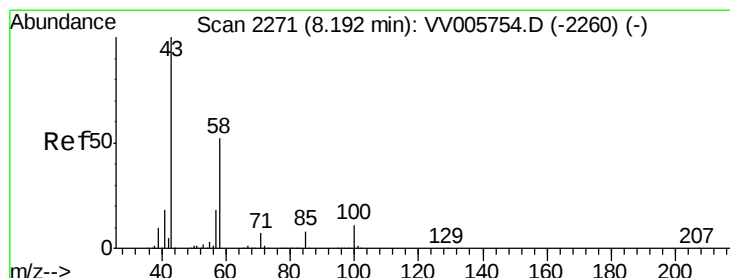
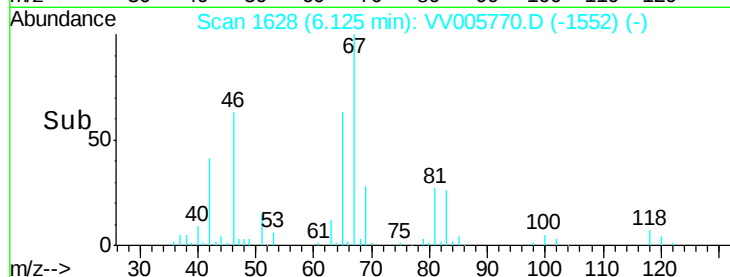
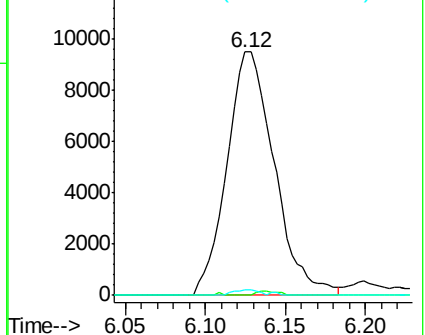
98 1.2 37.1 55.7#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#48

2-Hexanone

Concen: 3.21 ug/L

RT: 8.15 min Scan# 2257

Delta R.T. -0.04 min

Lab File: VV005770.D

Acq: 03 May 2018 18:44

Tgt Ion: 43 Resp: 18671

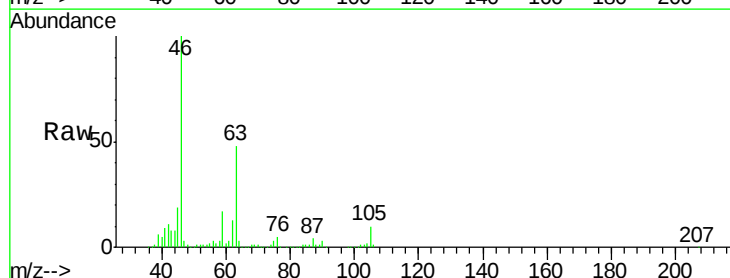
Ion Ratio Lower Upper

43 100

58 40.0 40.2 60.2#

57 31.0 14.7 22.1#

100 1.4 8.8 13.2#

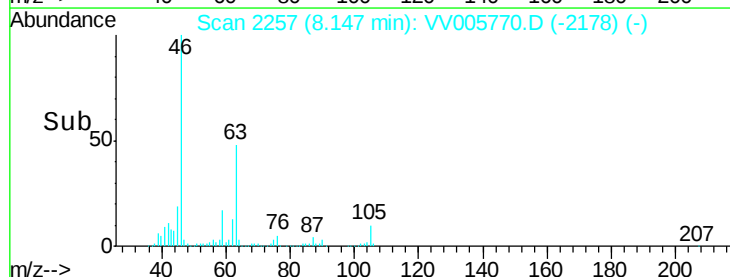
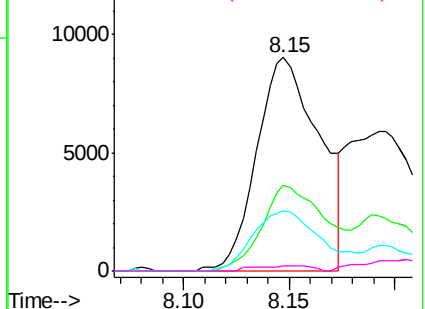


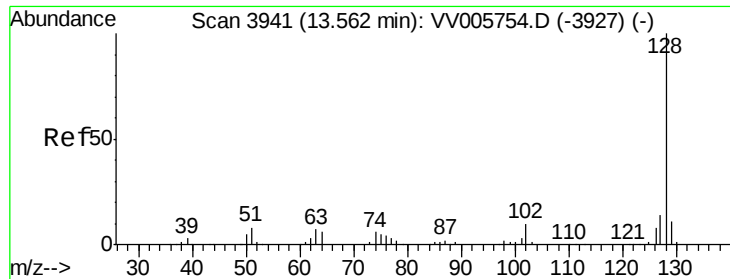
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#69

Naphthalene

Concen: 0.58 ug/L

RT: 13.56 min Scan# 3941

Delta R.T. 0.00 min

Lab File: VV005770.D

Acq: 03 May 2018 18:44

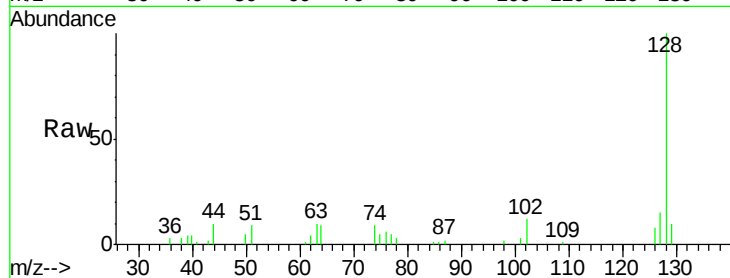
Tgt Ion:128 Resp: 13886

Ion Ratio Lower Upper

128 100

129 10.0 8.8 13.2

127 15.3 10.6 15.8



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

