

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101720\
 Data File : VU040783.D
 Acq On : 17 Oct 2020 23:55
 Operator : SY/MD
 Sample : L4354-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ35

Quant Time: Oct 19 05:13:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 19 03:08:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120521	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50287	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37418	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.93	69	34697	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.58	63	58153	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.66	46	190613	59.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.30%
24) Chloroform-d	5.08	84	84672	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	56354	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.75	84	151032	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	55324	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	115088	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	8.19	79	19006	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.64	63	120630	50.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52018	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	51472	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

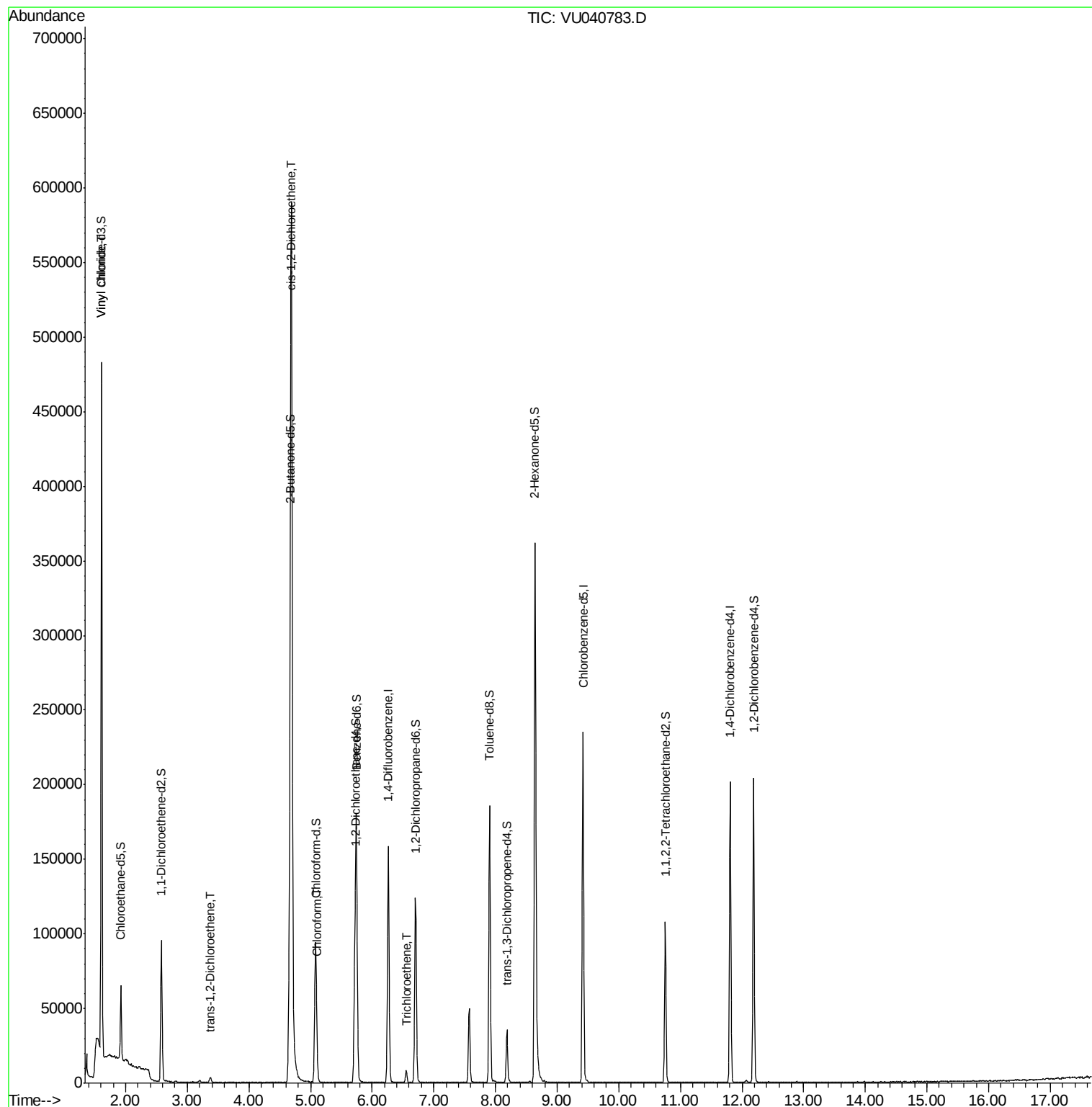
					Ovalue
5) Vinyl chloride	1.61	62	271768	25.271 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	1322	0.147 ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	267635	27.570 ug/L	96
25) Chloroform	5.11	83	4995	0.263 ug/L	98
34) Trichloroethene	6.56	95	2688	0.263 ug/L	87

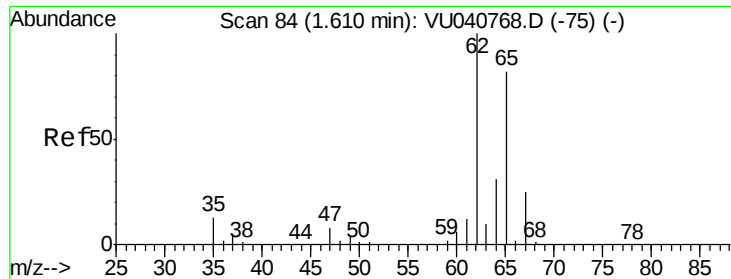
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 25.271 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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Acq: 17 Oct 2020 23:55

Instrument :

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ClientSampleId :

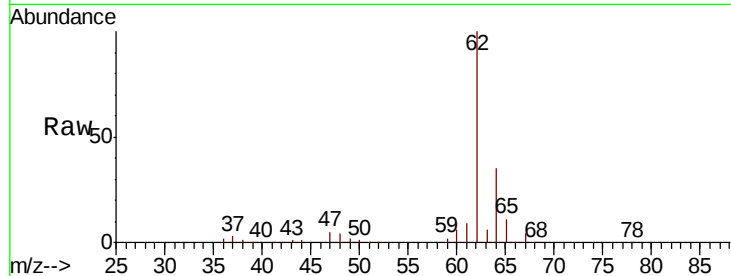
ETZ35

Tot Ion: 62 Resp: 271768

Ion Ratio Lower Upper

62 100

64 35.3 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU040783.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU040783.D (-75) (-)

1.61

250000

200000

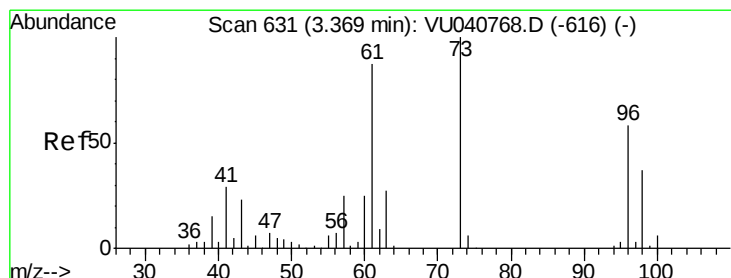
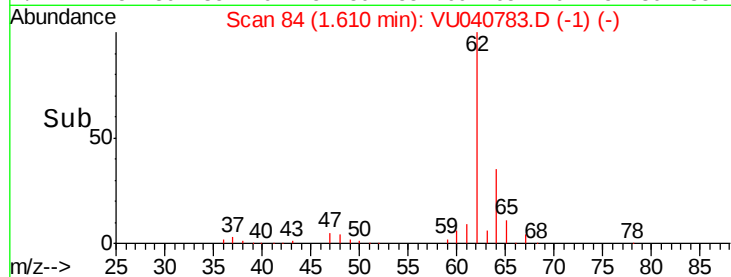
150000

100000

50000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.147 ug/L

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU040783.D

Acq: 17 Oct 2020 23:55

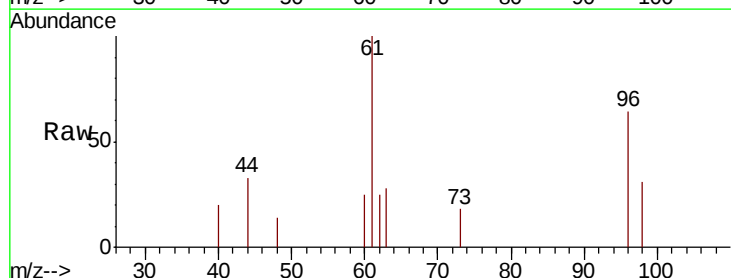
Tgt Ion: 96 Resp: 1322

Ion Ratio Lower Upper

96 100

61 157.1 105.9 196.7

98 49.4 43.8 81.3



Abundance Ion 96.00 (95.70 to 96.70): VU040783.D (-616) (-)

Ion 61.05 (60.75 to 61.75): VU040783.D (-616) (-)

Ion 97.95 (97.65 to 98.65): VU040783.D (-616) (-)

3.37

1200

1000

800

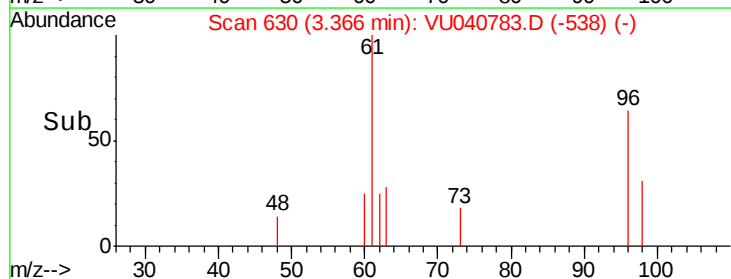
600

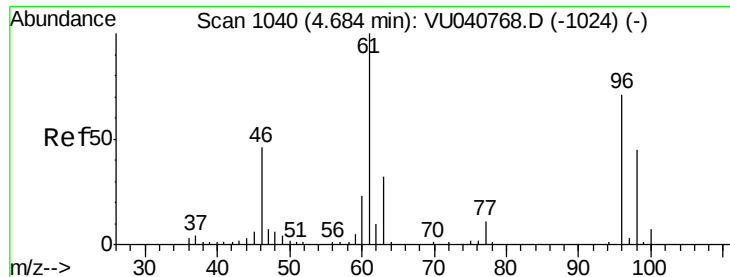
400

200

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 27.570 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040783.D

Acq: 17 Oct 2020 23:55

Instrument :

MSVOA_U

ClientSampleId :

ETZ35

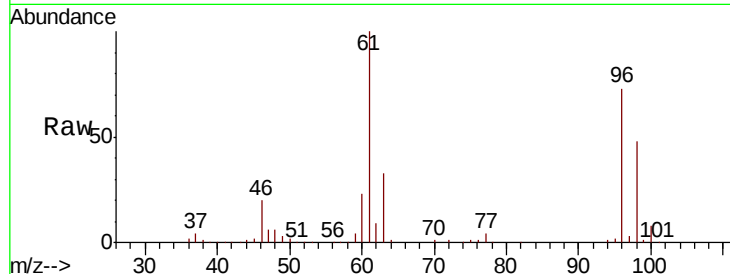
Tot Ion: 96 Resp: 267635

Ion Ratio Lower Upper

96 100

61 137.5 99.8 185.4

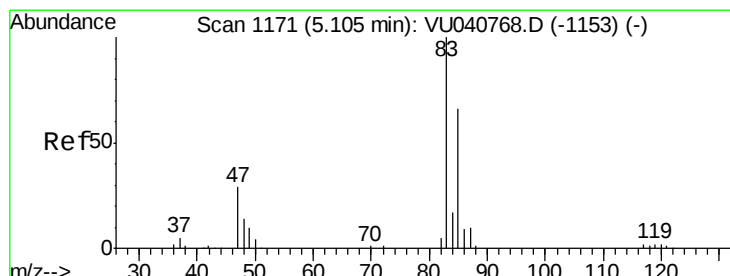
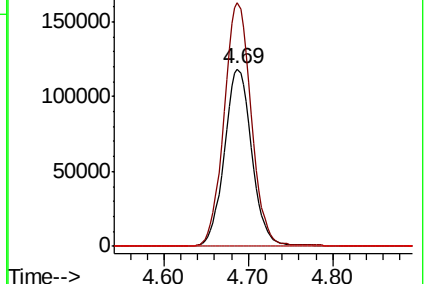
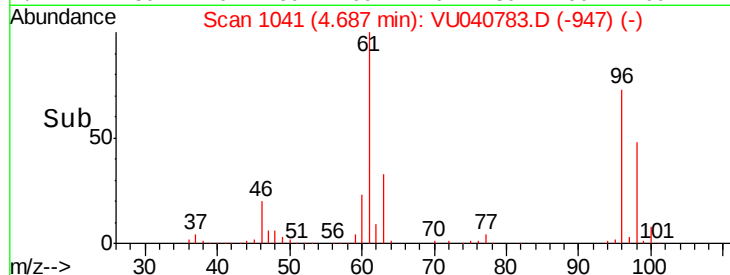
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040783.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU040783.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU040783.D (-947) (-)



#25

Chloroform

Concen: 0.263 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040783.D

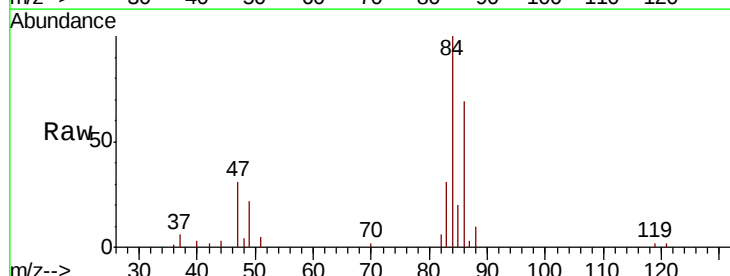
Acq: 17 Oct 2020 23:55

Tgt Ion: 83 Resp: 4995

Ion Ratio Lower Upper

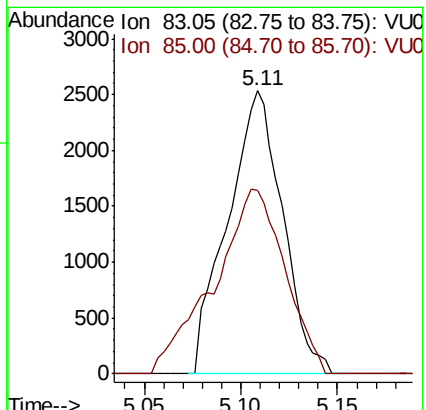
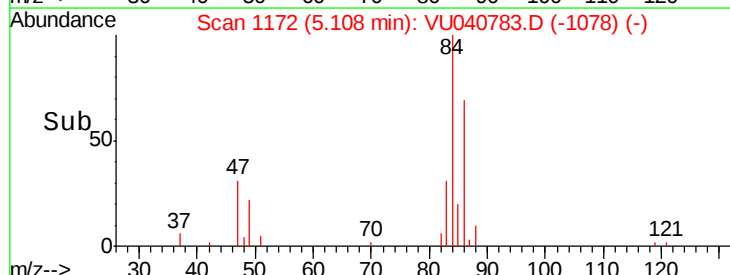
83 100

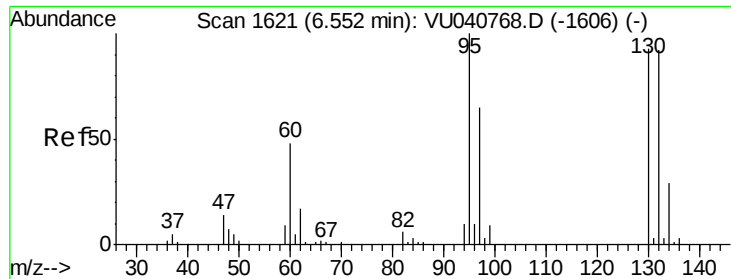
85 64.9 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040783.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040783.D (-1078) (-)





#34

Trichloroethene

Concen: 0.263 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040783.D

Acq: 17 Oct 2020 23:55

Instrument :

MSVOA_U

ClientSampleId :

ETZ35

Tot Ion: 95 Resp: 2688

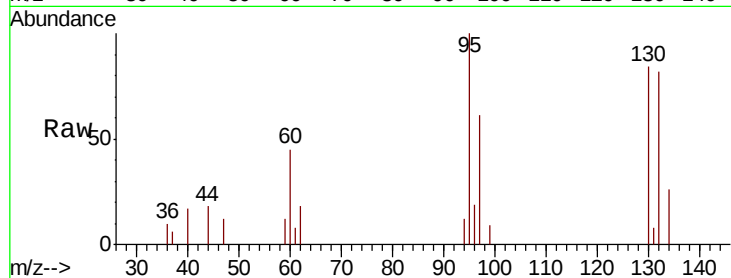
Ion Ratio Lower Upper

95 100

97 61.5 45.5 84.5

132 81.5 67.5 125.4

130 83.8 69.9 129.9



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

