

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025672.D
 Acq On : 5 Sep 2018 16:34
 Operator : SY/MD
 Sample : J4749-05MS
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E5FA8MS

Quant Time: Sep 06 04:18:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 06 03:24:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	498309	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	404586	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	120326	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	126071	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	2.62	69	115119	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	3.63	63	324616	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	6.60	46	124994	50.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.14%
24) Chloroform-d	7.20	84	242383	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	7.90	65	91304	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	7.86	84	569448	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	8.90	67	166359	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	9.97	98	529076	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	10.24	79	32940	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	10.59	63	147132	56.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65029	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	114831	5.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.40%

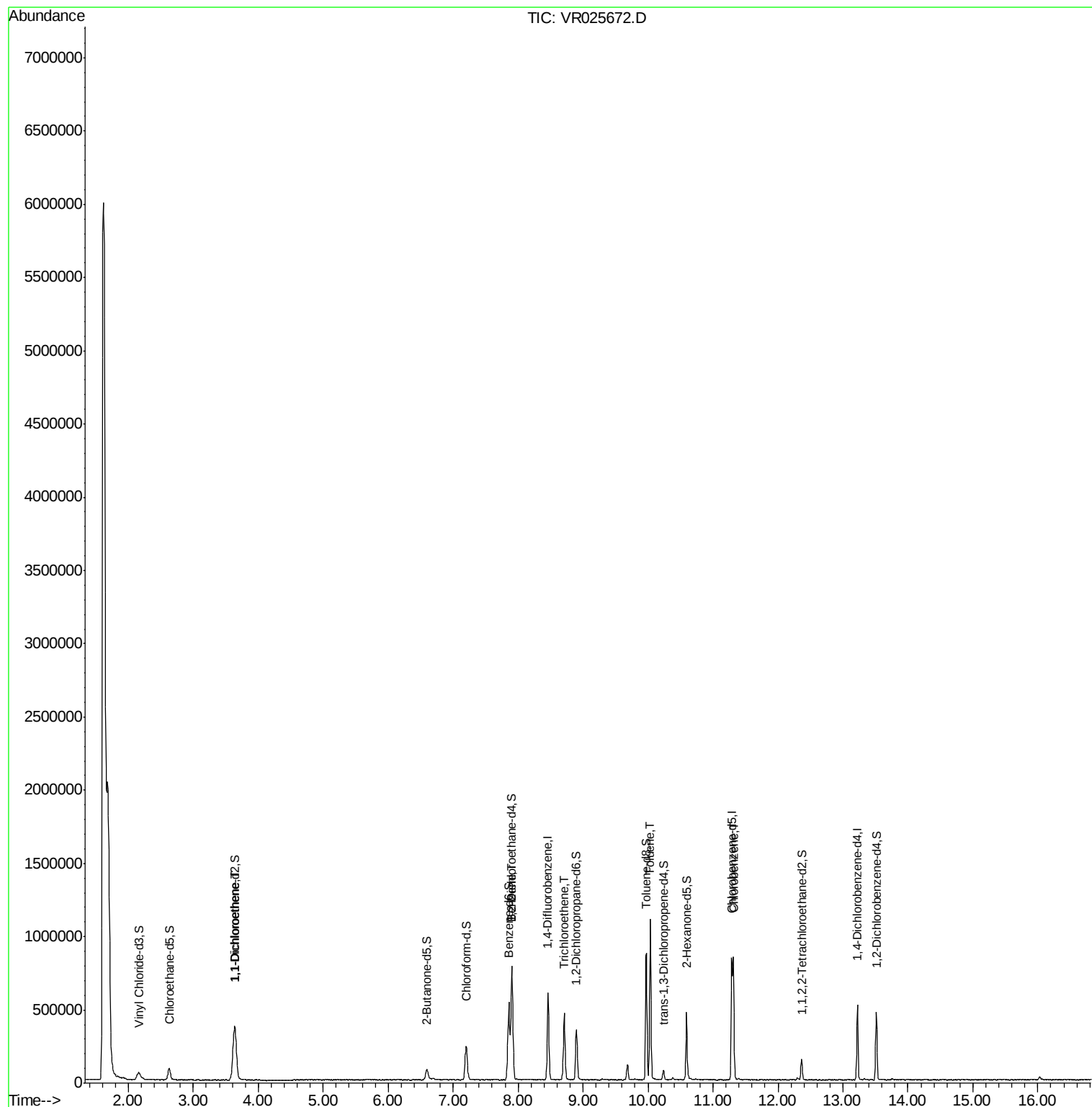
Target Compounds					Ovalue
12) 1,1-Dichloroethene	3.65	96	154037	3.94 ug/L	83
33) Benzene	7.91	78	686339	4.65 ug/L	100
34) Trichloroethene	8.71	95	149820	4.43 ug/L	96
42) Toluene	10.03	91	728103	5.02 ug/L	100
51) Chlorobenzene	11.31	112	423582	4.69 ug/L	98

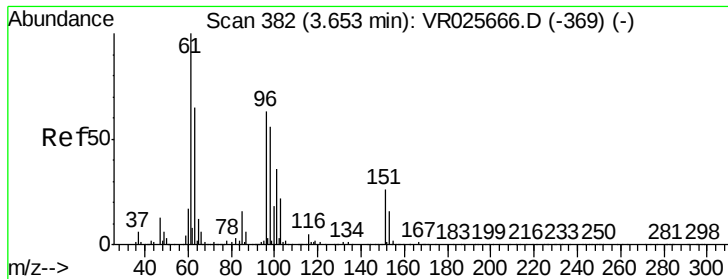
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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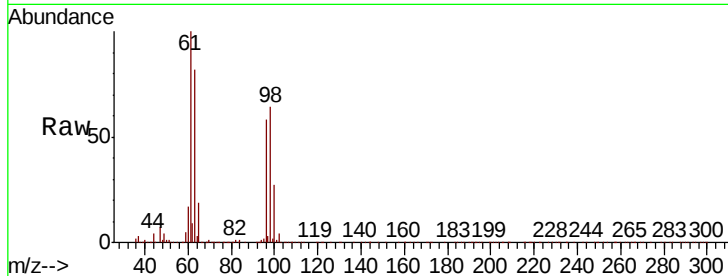




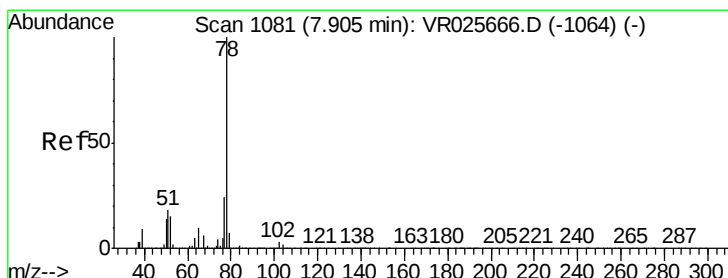
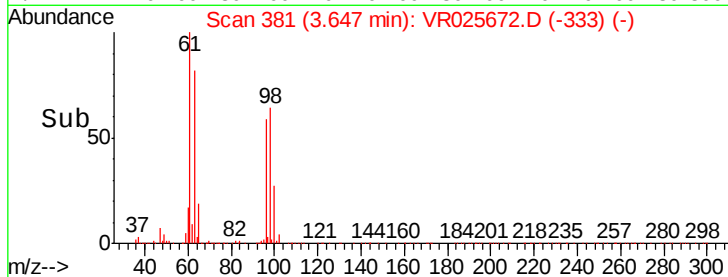
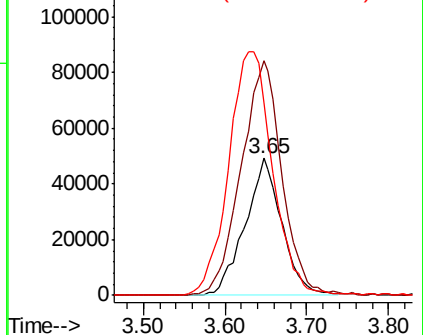
#12
 1,1-Dichloroethene
 Concen: 3.94 ug/L
 RT: 3.65 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VR025672.D
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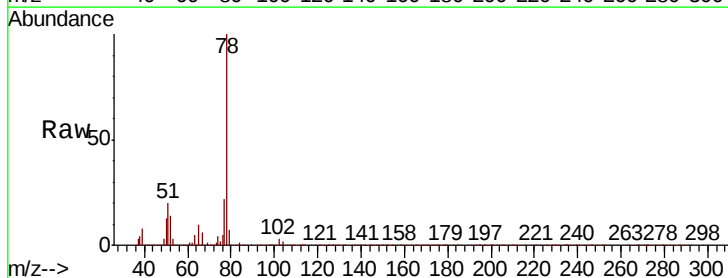
Tot Ion: 96 Resp: 154037
 Ion Ratio Lower Upper
 96 100
 61 171.1 119.8 222.6
 63 140.1 131.1 243.5



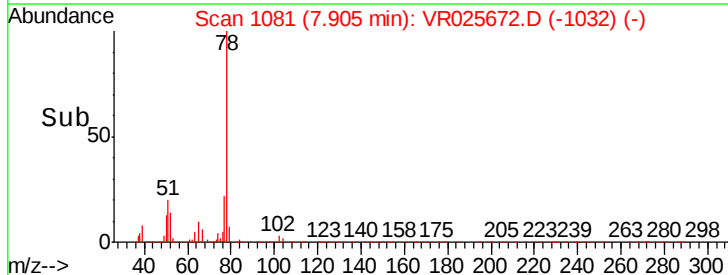
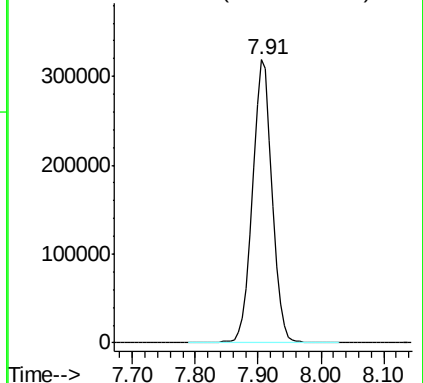
Abundance Ion 96.00 (95.70 to 96.70): VR0
 Ion 61.05 (60.75 to 61.75): VR0
 Ion 63.00 (62.70 to 63.70): VR0

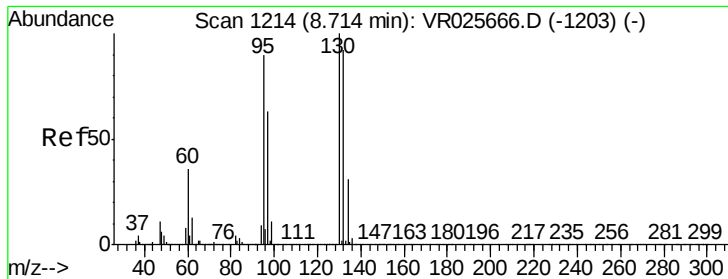


#33
 Benzene
 Concen: 4.65 ug/L
 RT: 7.91 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: VR025672.D
 Acq: 5 Sep 2018 16:34
 Tgt Ion: 78 Resp: 686339



Abundance Ion 78.10 (77.80 to 78.80): VR0

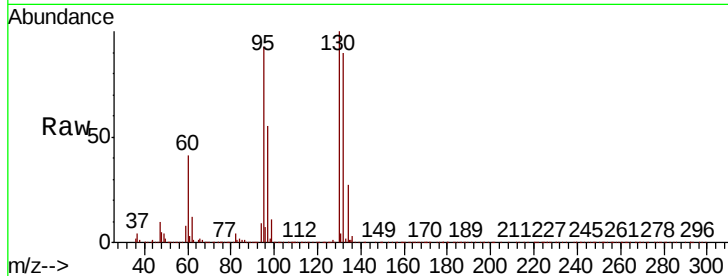




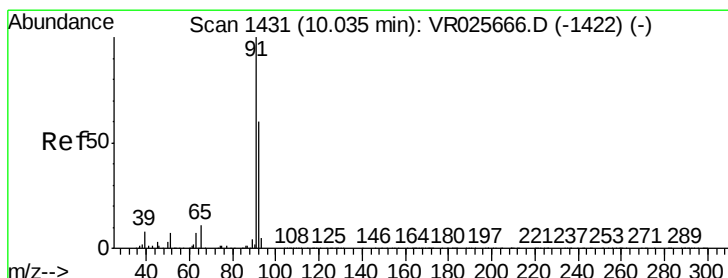
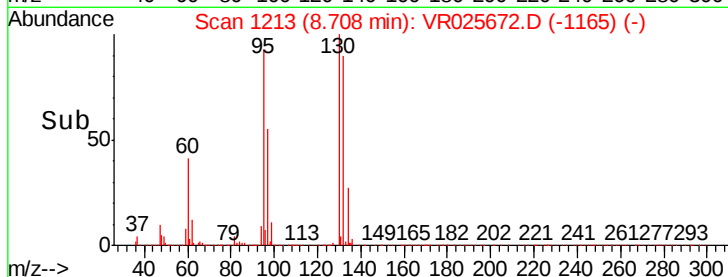
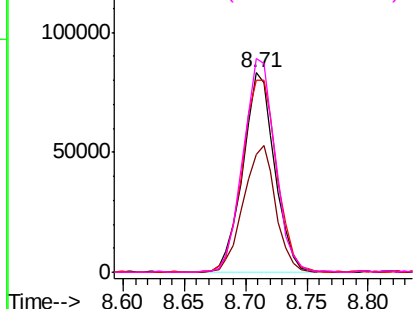
#34
 Trichloroethene
 Concen: 4.43 ug/L
 RT: 8.71 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: VR025672.D
 Acq: 5 Sep 2018 16:34

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Tot Ion:	95	Resp:	149820
Ion	Ratio	Lower	Upper
95	100		
97	59.1	45.7	84.9
132	96.1	66.6	123.6
130	107.2	72.2	134.0

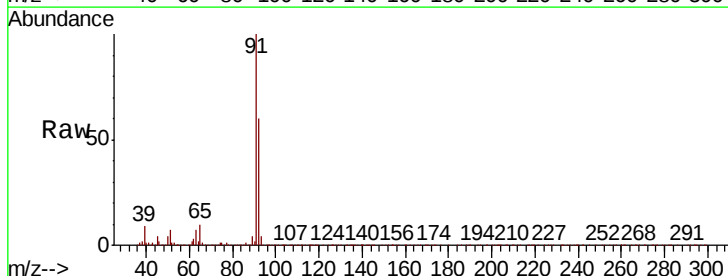


Abundance Ion 95.00 (94.70 to 95.70): VR0
 Ion 96.95 (96.65 to 97.65): VR0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

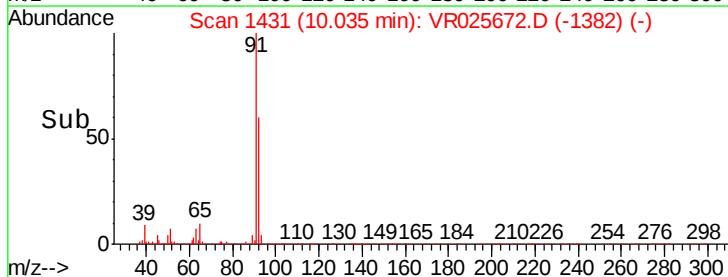
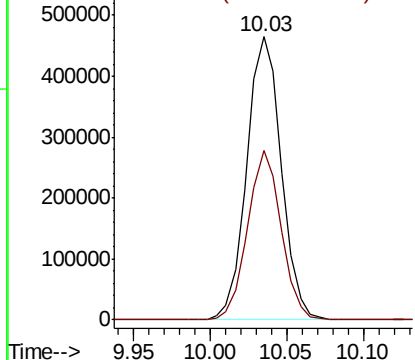


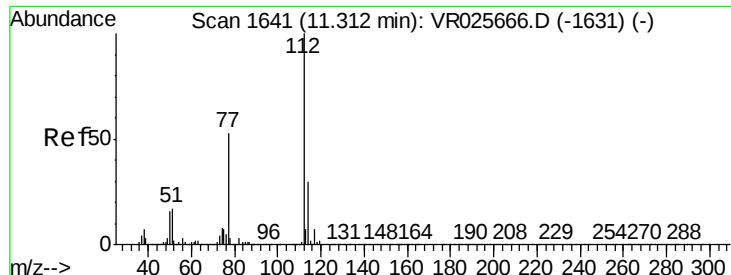
#42
 Toluene
 Concen: 5.02 ug/L
 RT: 10.03 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VR025672.D
 Acq: 5 Sep 2018 16:34

Tgt Ion:	91	Resp:	728103
Ion	Ratio	Lower	Upper
91	100		
92	59.8	42.0	78.0



Abundance Ion 91.15 (90.85 to 91.85): VR0
 Ion 92.15 (91.85 to 92.85): VR0

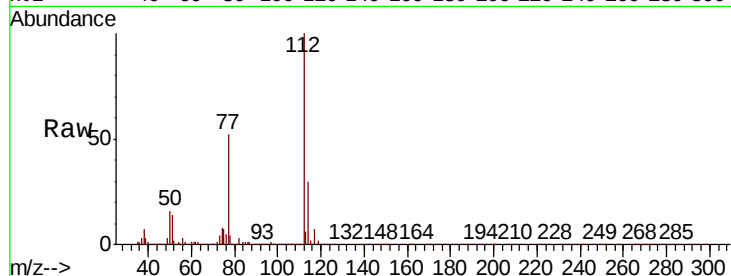




#51
 Chlorobenzene
 Concen: 4.69 ug/L
 RT: 11.31 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: VR025672.D
 Acq: 5 Sep 2018 16:34

Instrument :
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Tot Ion	Ratio	Lower	Upper
112	100		
114	30.1	21.8	40.4
77	52.3	43.0	64.4



Abundance

Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VR0

