

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091718\
 Data File : VR025748.D
 Acq On : 17 Sep 2018 17:53
 Operator : SY/MD
 Sample : J4890-05
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 18 07:51:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 16:10:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	715192	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	600572	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	192777	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	172016	4.40	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	2.62	69	133922	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	3.62	63	297870	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	6.59	46	163335	52.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.74%
24) Chloroform-d	7.20	84	334769	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
26) 1,2-Dichloroethane-d4	7.90	65	119840	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
32) Benzene-d6	7.85	84	766290	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	8.90	67	214185	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	9.97	98	683123	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	10.24	79	40116	3.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.80%
46) 2-Hexanone-d5	10.59	63	146399	45.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.06%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	87976	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	152241	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

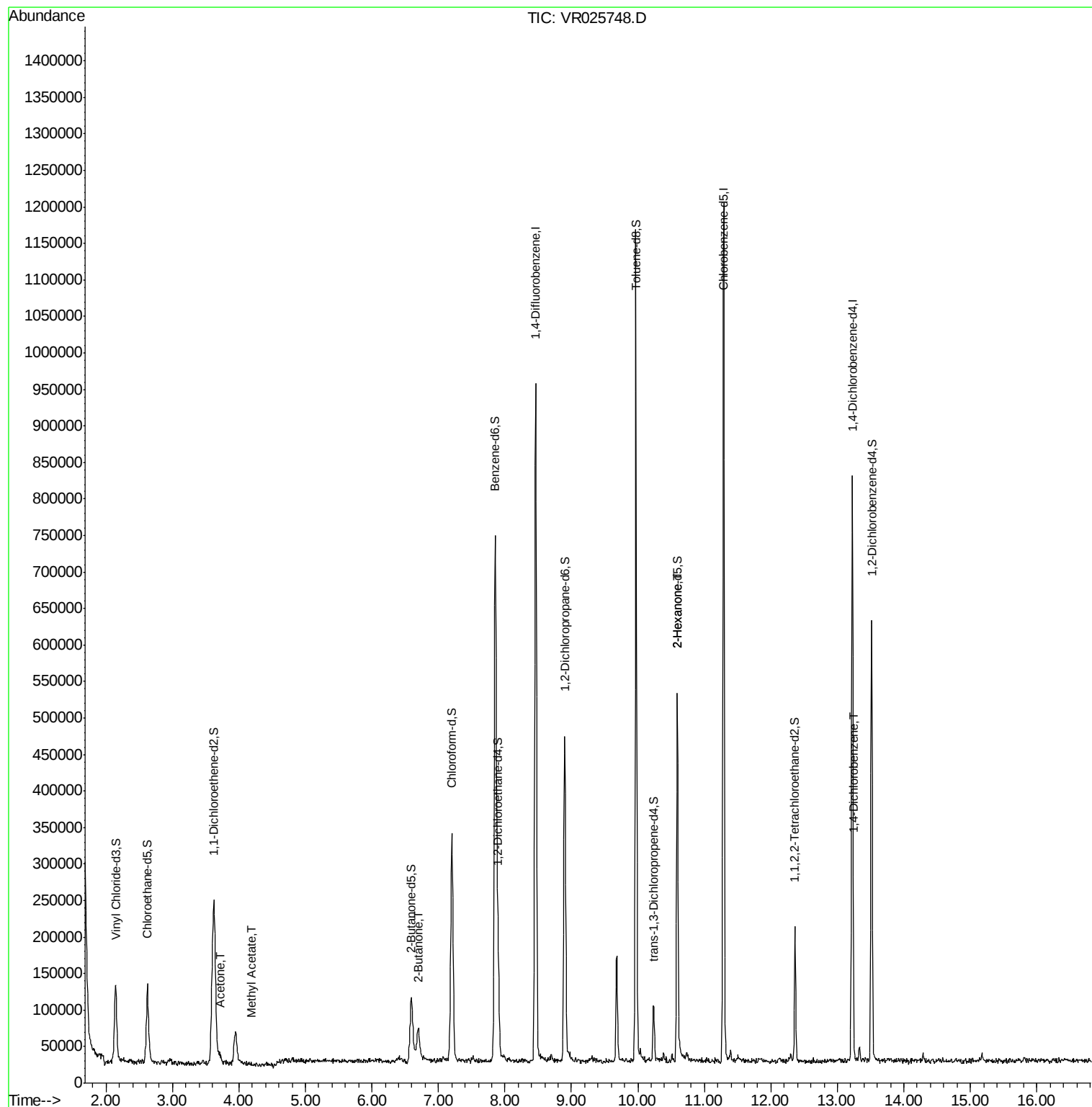
Target Compounds					Ovalue
13) Acetone	3.71	43	17752	9.59 ug/L	77
15) Methyl Acetate	4.18	43	817	0.11 ug/L	89
21) 2-Butanone	6.70	43	5672	1.30 ug/L	91
48) 2-Hexanone	10.59	43	19345	2.21 ug/L #	66
63) 1,4-Dichlorobenzene	13.24	146	3461	0.05 ug/L	90

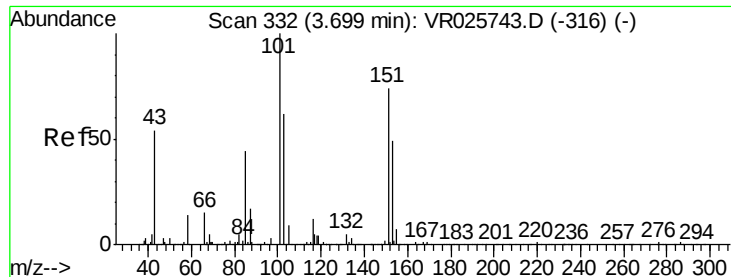
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.59 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

Lab File: VR025748.D

Acq: 17 Sep 2018 17:53

Instrument :

MSVOA_R

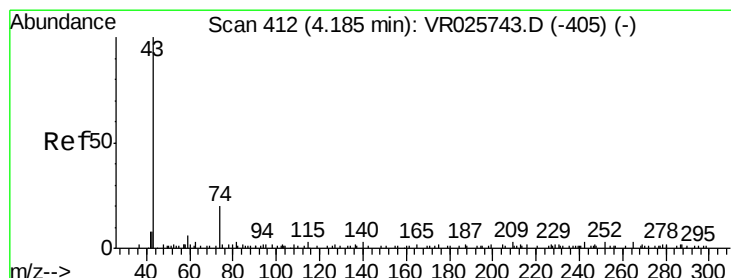
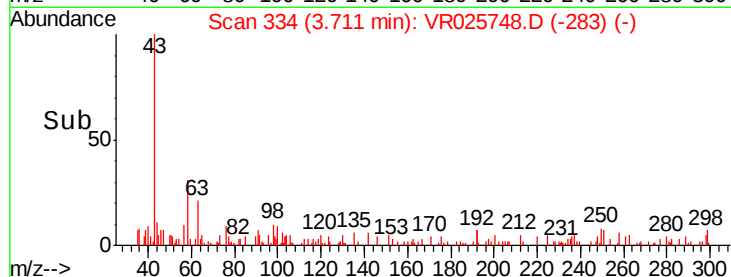
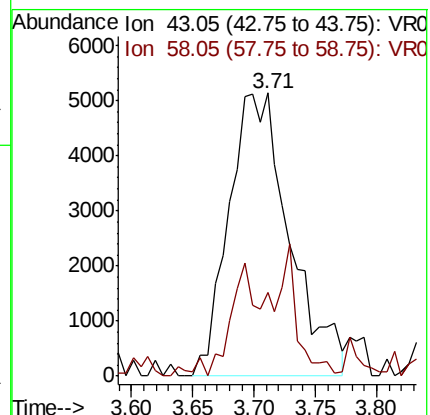
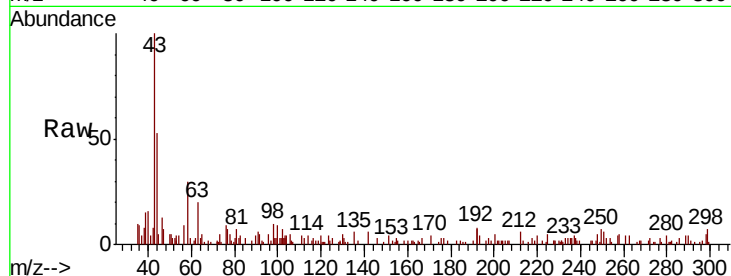
ClientSampled :

Tot Ion: 43 Resp: 17752

Ion Ratio Lower Upper

43 100

58 11.2 0.0 44.2



#15

Methyl Acetate

Concen: 0.11 ug/L

RT: 4.18 min Scan# 411

Delta R.T. -0.01 min

Lab File: VR025748.D

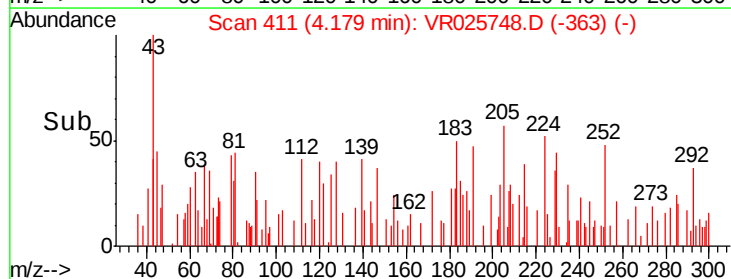
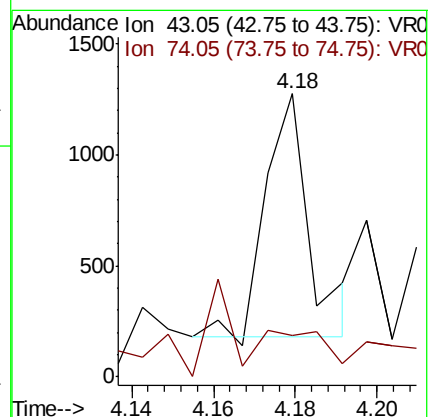
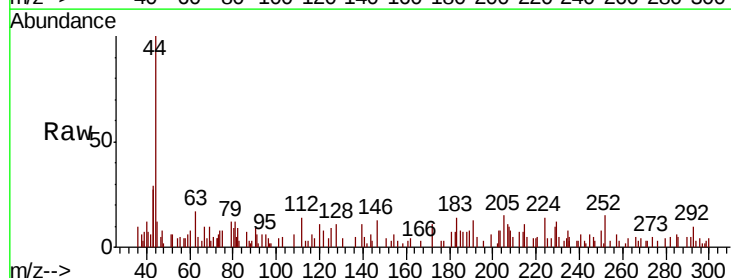
Acq: 17 Sep 2018 17:53

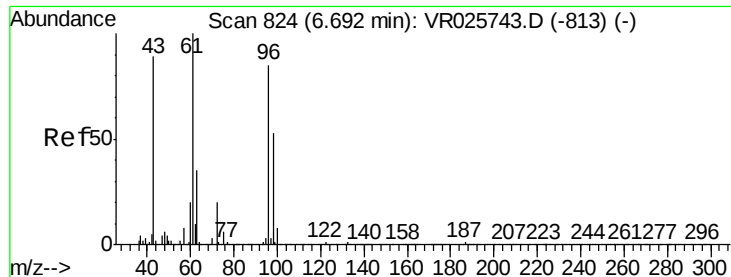
Tgt Ion: 43 Resp: 817

Ion Ratio Lower Upper

43 100

74 25.1 24.8 37.2





#21

2-Butanone

Concen: 1.30 ug/L

RT: 6.70 min Scan# 826

Delta R.T. 0.01 min

Lab File: VR025748.D

Acq: 17 Sep 2018 17:53

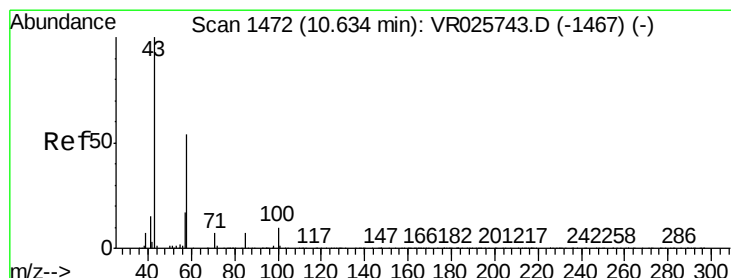
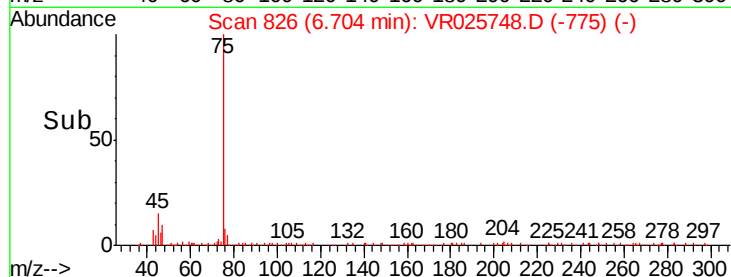
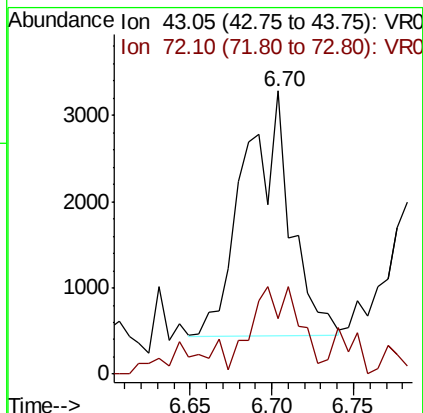
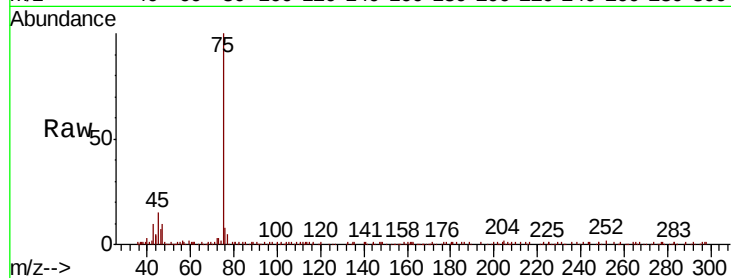
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 5672

Ion Ratio Lower Upper

43 100

72 32.7 14.0 42.0



#48

2-Hexanone

Concen: 2.21 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025748.D

Acq: 17 Sep 2018 17:53

Tgt Ion: 43 Resp: 19345

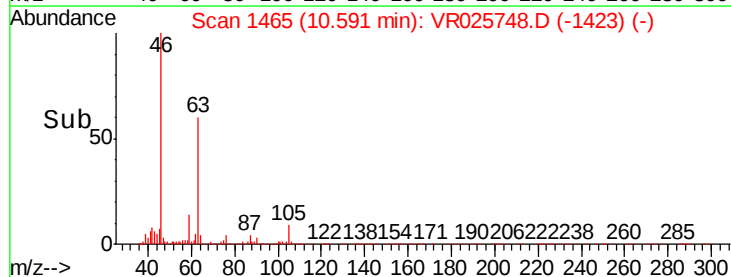
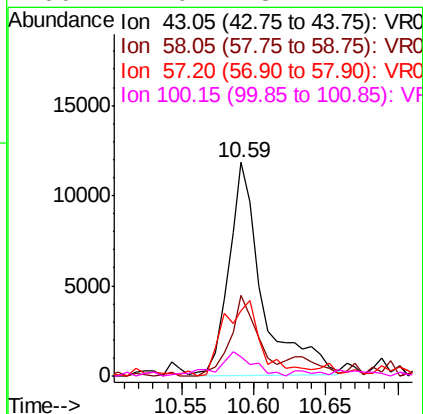
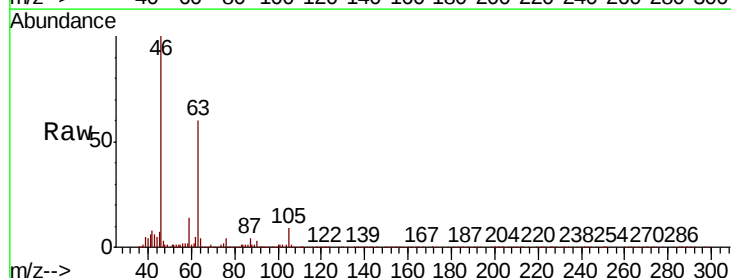
Ion Ratio Lower Upper

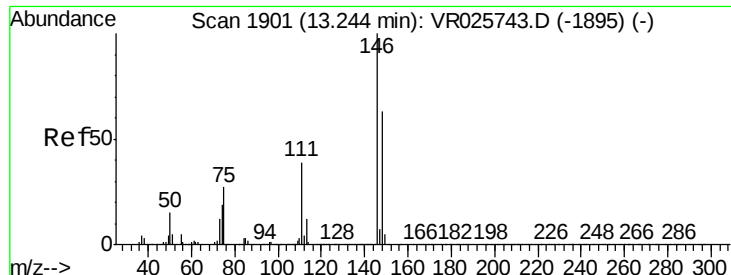
43 100

58 30.3 44.4 66.6#

57 39.8 14.0 21.0#

100 12.0 8.2 12.2





#63

1,4-Dichlorobenzene

Concen: 0.05 ug/L

RT: 13.24 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VR025748.D

Acq: 17 Sep 2018 17:53

Instrument :

MSVOA_R

ClientSampleId :

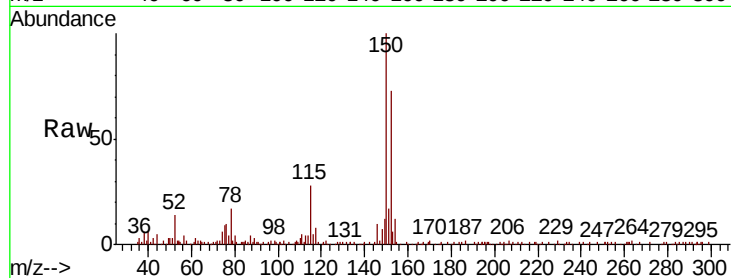
Tot Ion:146 Resp: 3461

Ion Ratio Lower Upper

146 100

111 49.2 27.4 50.8

148 68.7 44.4 82.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

