

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013627.D
 Acq On : 14 Nov 2019 18:03
 Operator : SY/MD
 Sample : K5855-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQF9

Quant Time: Nov 15 04:02:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	340736	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	350658	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	156959	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113873	5.20	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.58	69	95867	5.49	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.13	63	145837	3.89	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.95	46	266630	68.03	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.06%#
24) Chloroform-d	4.40	84	232730	6.20	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.00%
26) 1,2-Dichloroethane-d4	5.08	65	115269	6.29	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.80%
32) Benzene-d6	5.09	84	437794	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.11	67	140876	4.86	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	366821	4.28	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.66	79	49184	4.56	ug/L	-0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.13	63	202278	47.02	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	99771	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	154750	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

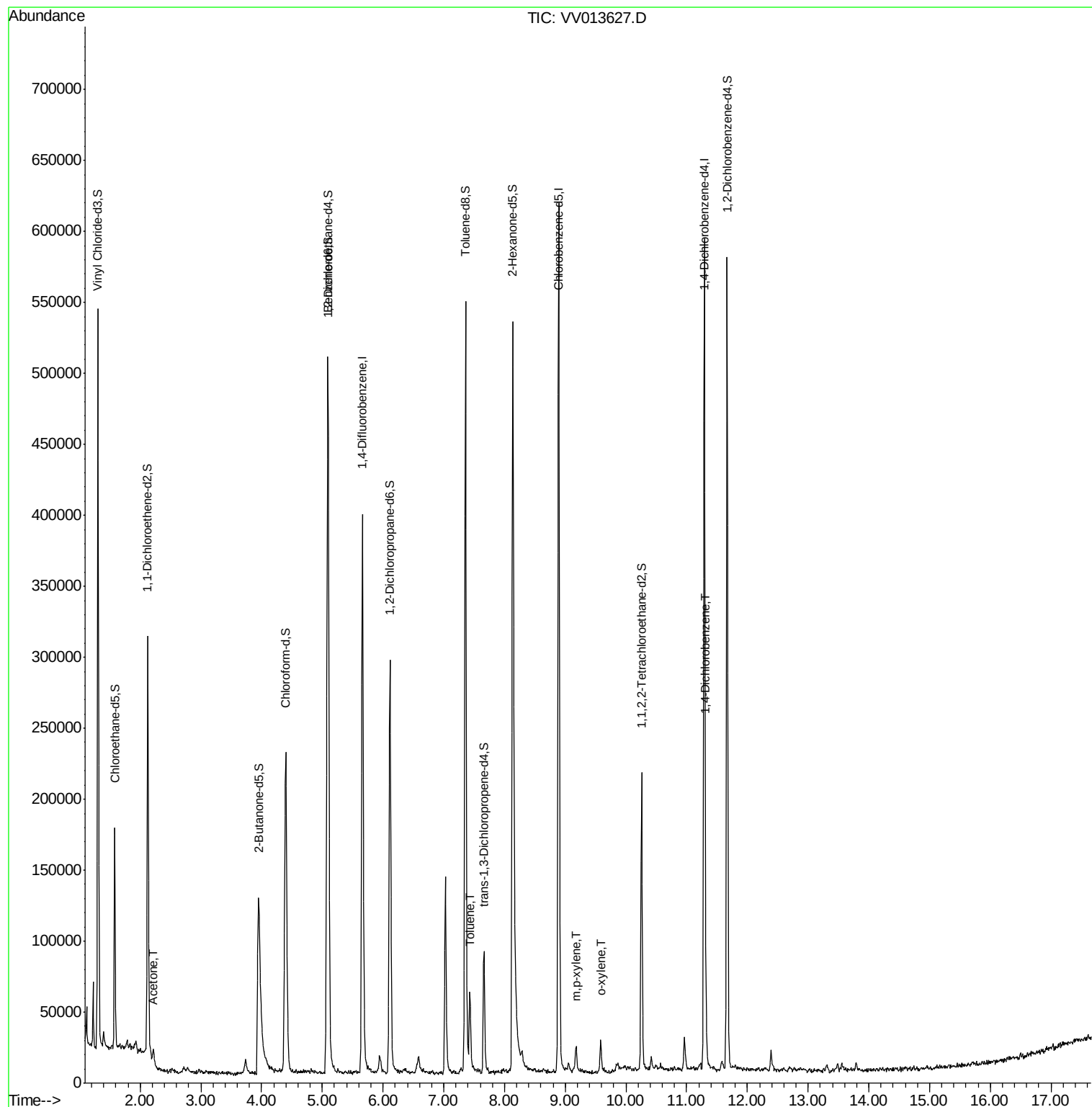
					Ovalue
13) Acetone	2.21	43	18358	7.244	ug/L 68
42) Toluene	7.43	91	38743	0.348	ug/L 98
53) m,p-xylene	9.18	106	4598	0.104	ug/L 95
54) o-xylene	9.58	106	5368	0.129	ug/L 84
63) 1,4-Dichlorobenzene	11.31	146	20544	0.396	ug/L 98

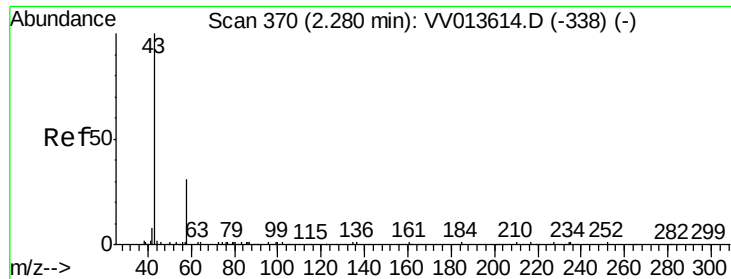
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.244 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.07 min

Lab File: VV013627.D

Acq: 14 Nov 2019 18:03

Instrument :

MSVOA_V

ClientSampleId :

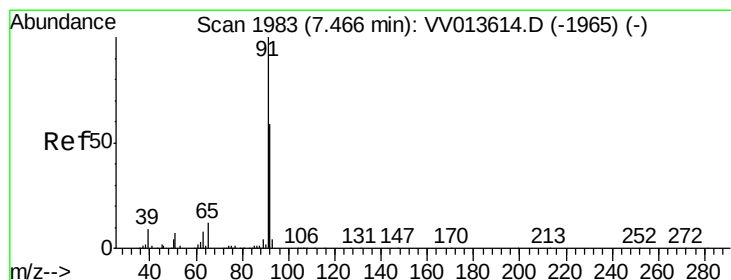
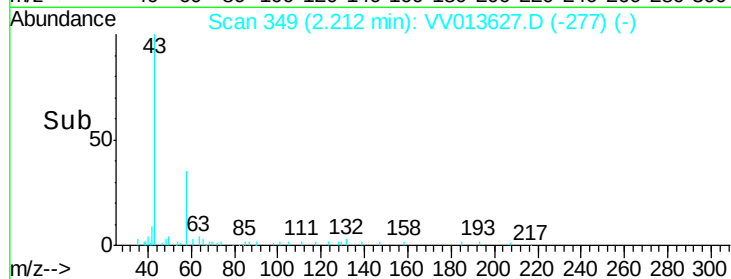
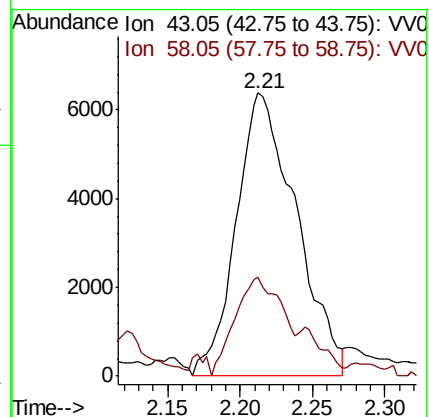
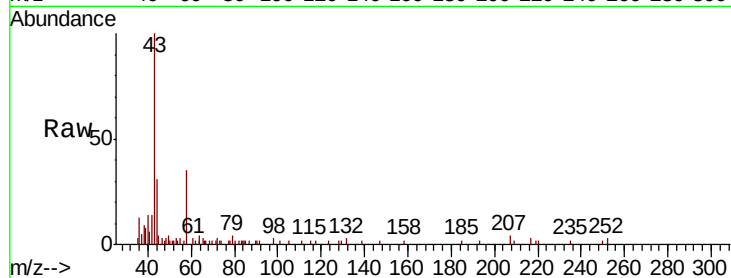
GAQF9

Tot Ion: 43 Resp: 18358

Ion Ratio Lower Upper

43 100

58 27.6 0.0 28.8



#42

Toluene

Concen: 0.348 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.04 min

Lab File: VV013627.D

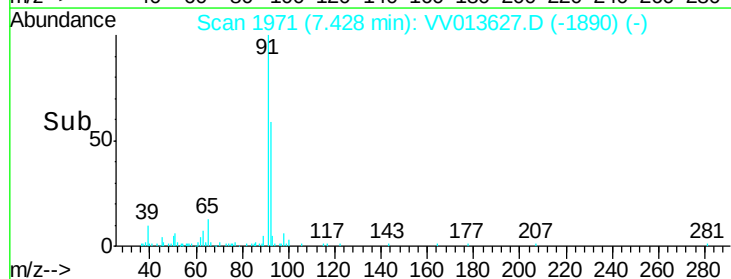
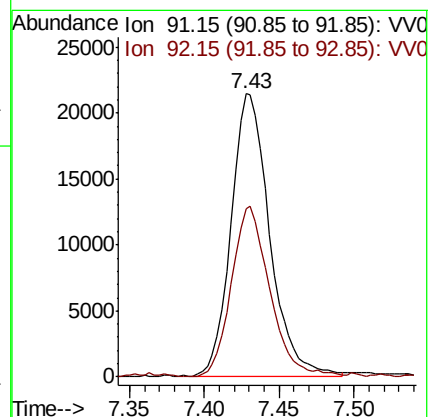
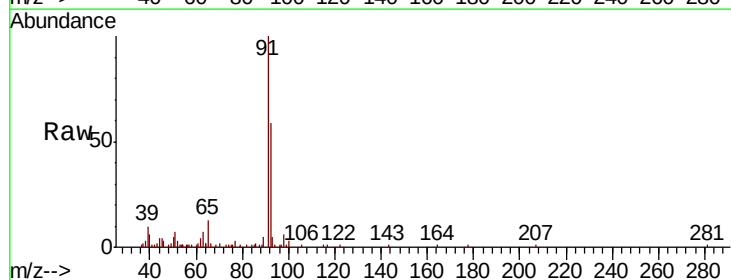
Acq: 14 Nov 2019 18:03

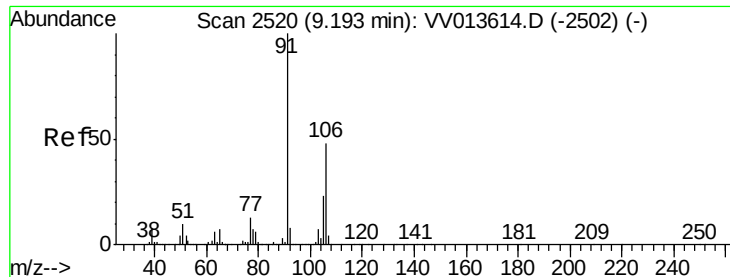
Tgt Ion: 91 Resp: 38743

Ion Ratio Lower Upper

91 100

92 59.5 40.7 75.7





#53

m,p-xylene

Concen: 0.104 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.02 min

Lab File: VV013627.D

Acq: 14 Nov 2019 18:03

Instrument :

MSVOA_V

ClientSampleId :

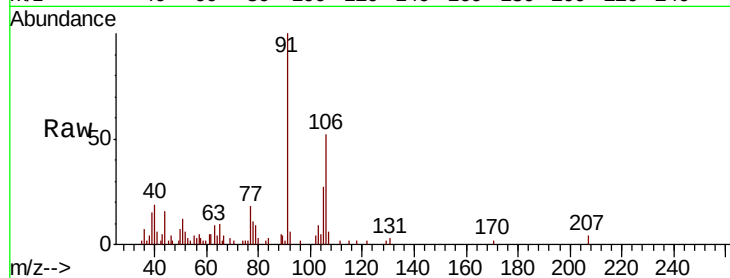
GAQF9

Tot Ion:106 Resp: 4598

Ion Ratio Lower Upper

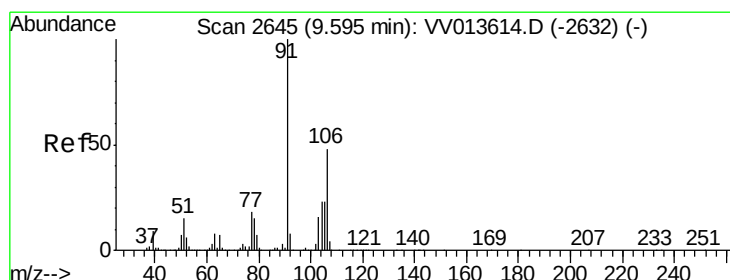
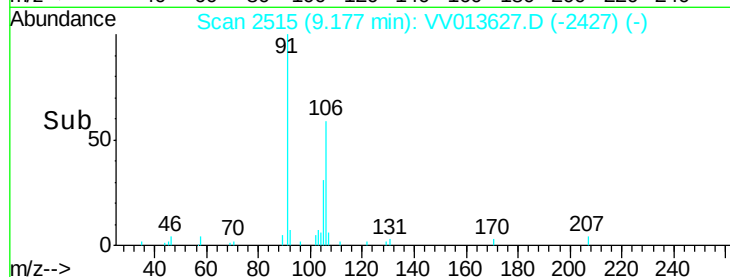
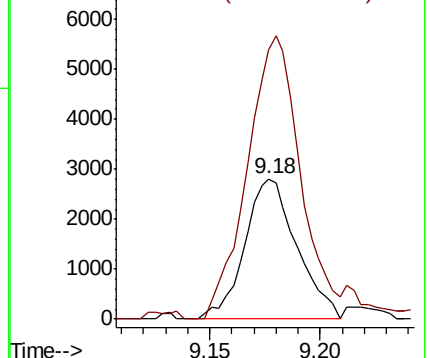
106 100

91 191.9 139.9 259.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.129 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.01 min

Lab File: VV013627.D

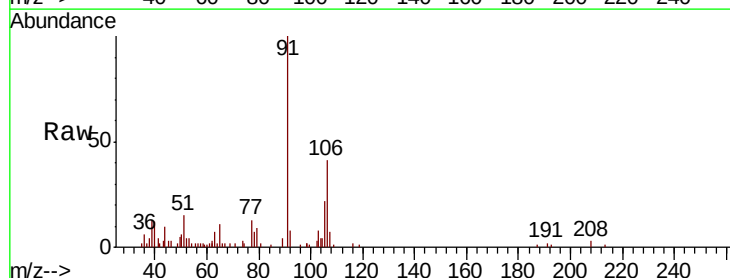
Acq: 14 Nov 2019 18:03

Tgt Ion:106 Resp: 5368

Ion Ratio Lower Upper

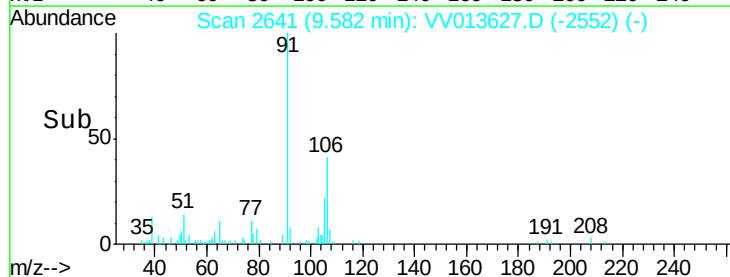
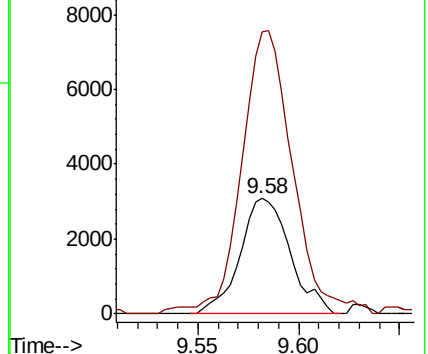
106 100

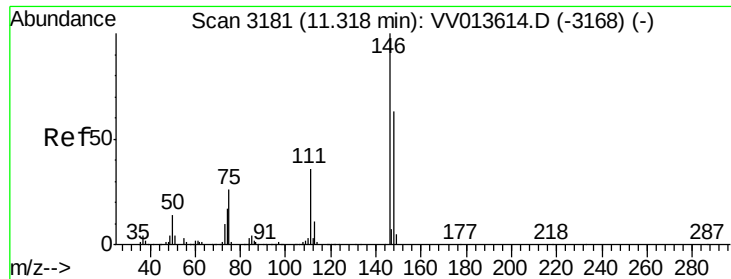
91 244.3 152.7 283.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#63

1,4-Dichlorobenzene

Concen: 0.396 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. -0.00 min

Lab File: VV013627.D

Acq: 14 Nov 2019 18:03

Instrument :

MSVOA_V

ClientSampleId :

GAQF9

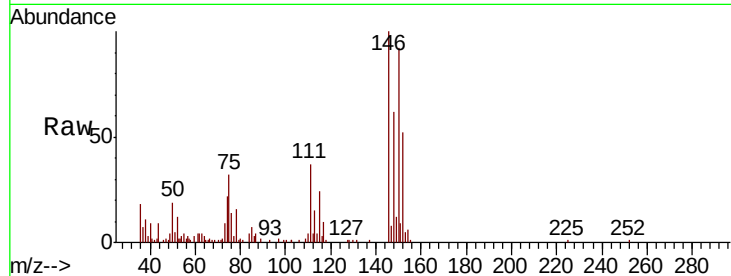
Tot Ion:146 Resp: 20544

Ion Ratio Lower Upper

146 100

111 37.0 24.7 45.9

148 61.6 43.8 81.3



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

