

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007776.D
 Acq On : 23 Sep 2018 09:13
 Operator : SY/MD
 Sample : J5013-17DL 5X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08S4DL

Quant Time: Sep 24 07:15:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 05:16:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	178207	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93800	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36344	37.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.04%
7) Chloroethane-d5	1.59	69	37087	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.28%
11) 1,1-Dichloroethene-d2	2.14	63	73440	32.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.32%
21) 2-Butanone-d5	3.95	46	57692	90.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.19%
24) Chloroform-d	4.41	84	88372	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
26) 1,2-Dichloroethane-d4	5.09	65	59331	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
32) Benzene-d6	5.11	84	173715	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.13	67	52892	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.48%
41) Toluene-d8	7.36	98	181862	43.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.96%
43) trans-1,3-Dichloropropene-	7.67	79	20964	35.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.36%
47) 2-Hexanone-d5	8.14	63	42555	81.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.75%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78637	42.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	84824	43.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.92%

Target Compounds

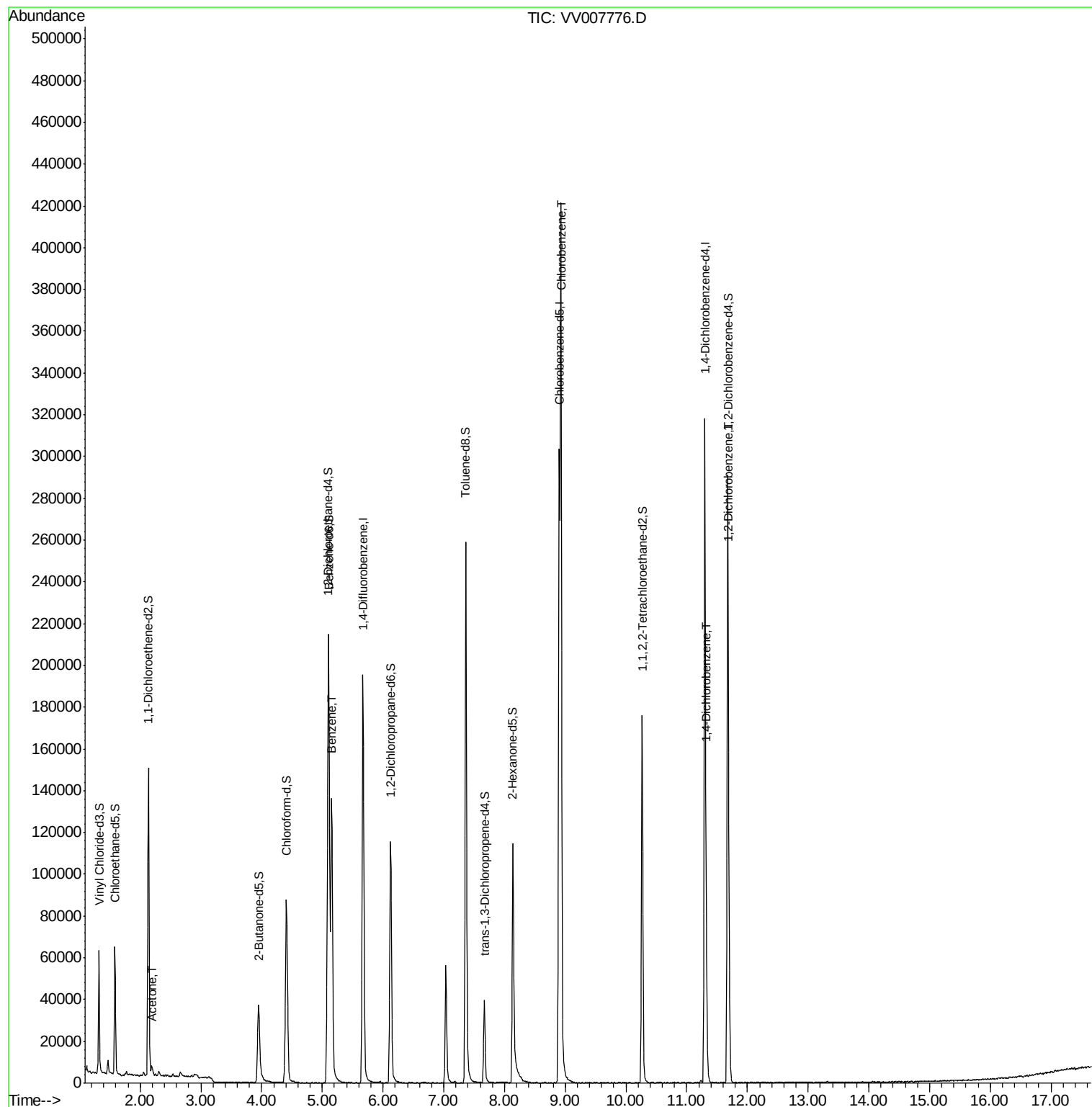
					Ovalue
13) Acetone	2.19	43	2252	3.336 ug/L	99
33) Benzene	5.15	78	132495	31.763 ug/L	100
51) Chlorobenzene	8.93	112	232528	65.287 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	17192	5.573 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	16661	5.540 ug/L	96

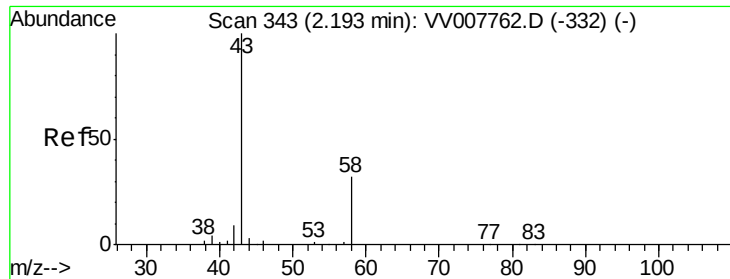
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.336 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007776.D

Acq: 23 Sep 2018 09:13

Instrument :

MSVOA_V

ClientSampleId :

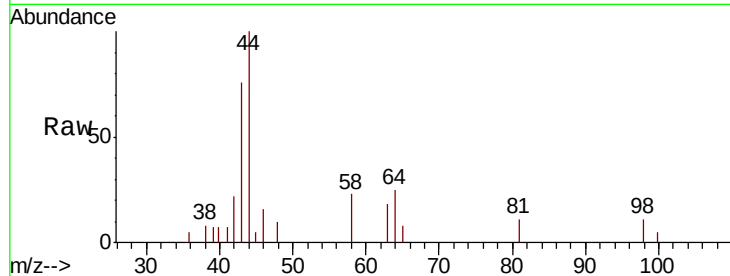
C08S4DL

Tot Ion: 43 Resp: 2252

Ion Ratio Lower Upper

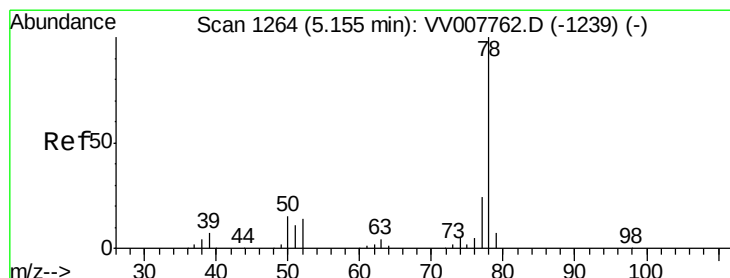
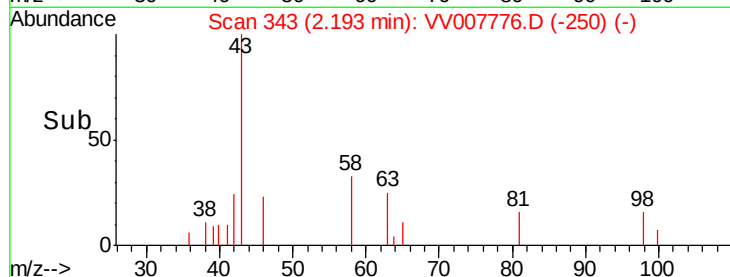
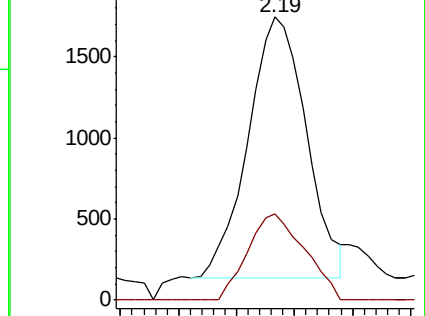
43 100

58 32.1 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV007776.D (-250) (-)

Ion 58.00 (57.70 to 58.70): VV007776.D (-250) (-)



#33

Benzene

Concen: 31.763 ug/L

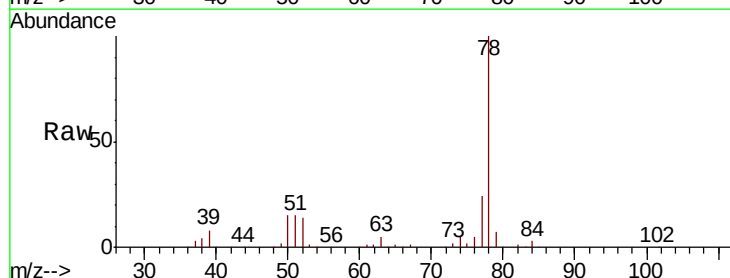
RT: 5.15 min Scan# 1264

Delta R.T. -0.00 min

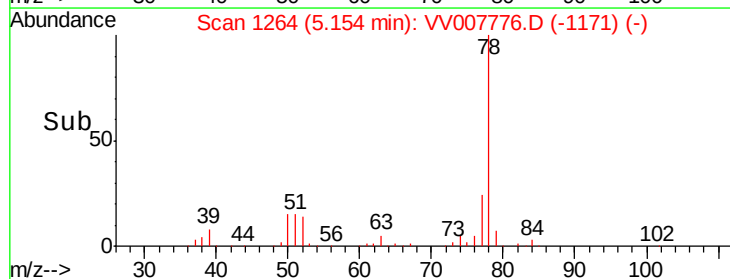
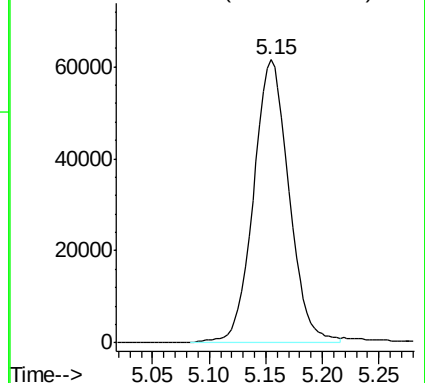
Lab File: VV007776.D

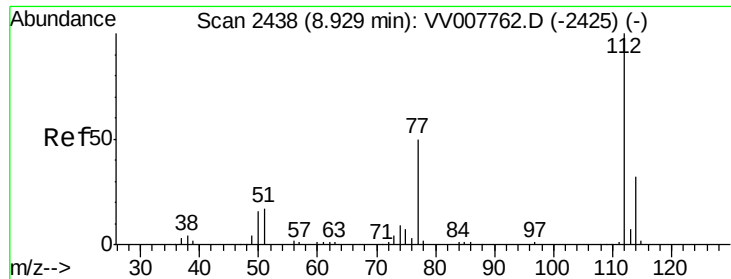
Acq: 23 Sep 2018 09:13

Tgt Ion: 78 Resp: 132495



Abundance Ion 78.00 (77.70 to 78.70): VV007776.D (-1171) (-)

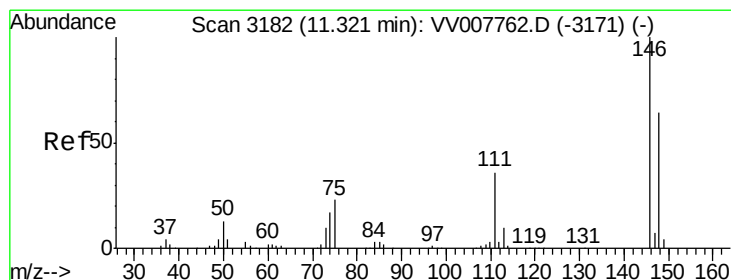
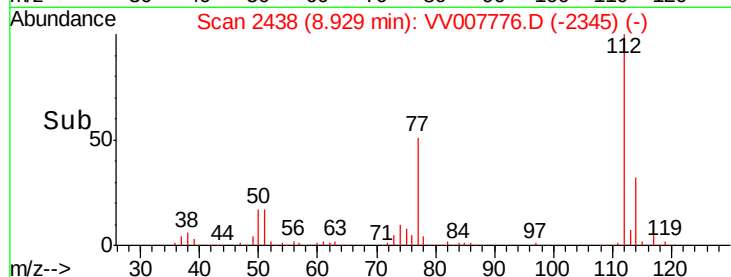
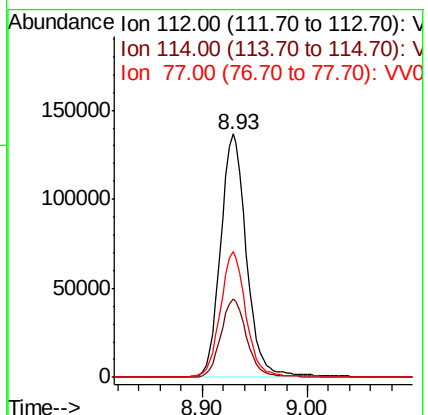
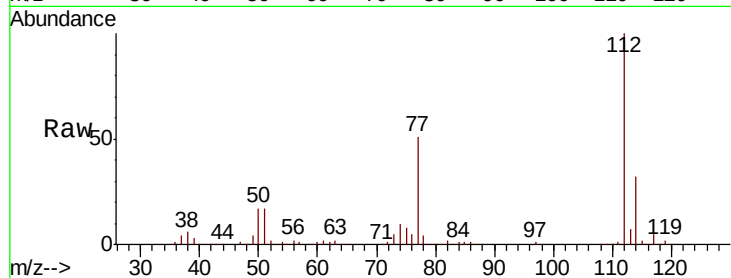




#51
Chlorobenzene
Concen: 65.287 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007776.D
Acq: 23 Sep 2018 09:13

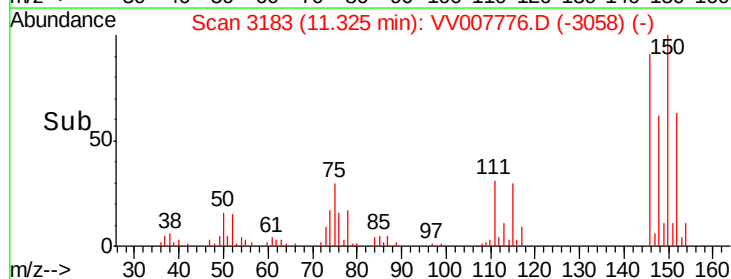
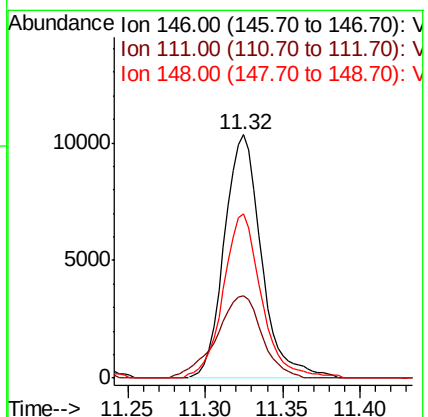
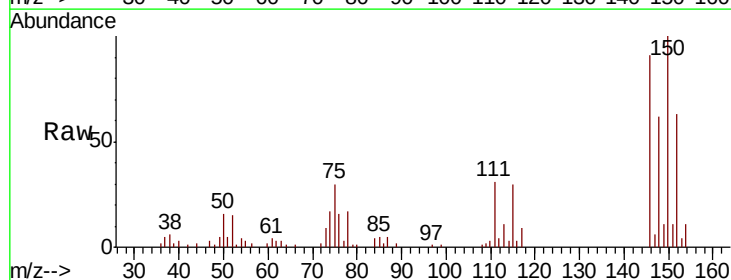
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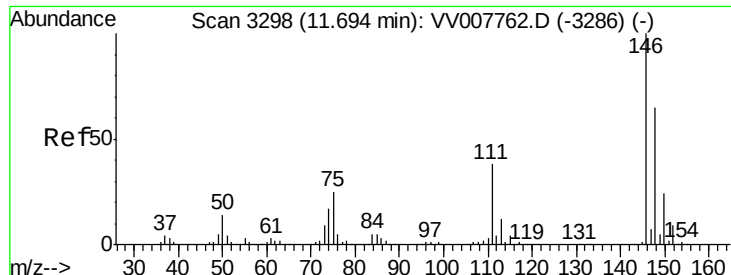
Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.3
77	51.4	40.6	60.8



#63
1,4-Dichlorobenzene
Concen: 5.573 ug/L
RT: 11.32 min Scan# 3183
Delta R.T. 0.00 min
Lab File: VV007776.D
Acq: 23 Sep 2018 09:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.9	24.4	45.4
148	67.7	45.1	83.7

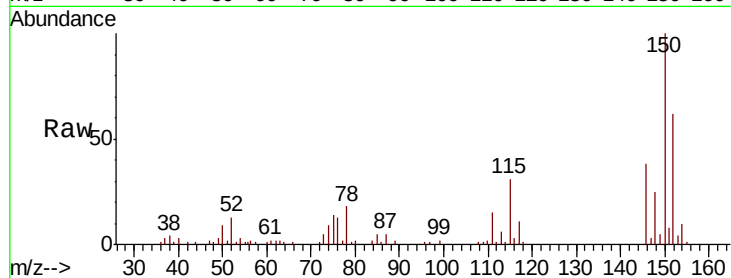




#65
 1,2-Dichlorobenzene
 Concen: 5.540 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV007776.D
 Acq: 23 Sep 2018 09:13

Instrument :
 MSVOA_V
 ClientSampleId :
 C08S4DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	29.8	44.8
148	66.4	50.8	76.2



Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

