

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015249.D
 Acq On : 28 Mar 2020 16:29
 Operator : SY/MD
 Sample : L1975-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 02:15:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	553835	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	520796	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	222519	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120946	53.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.64%
7) Chloroethane-d5	1.58	69	125591	52.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.28%
11) 1,1-Dichloroethene-d2	2.12	63	187019	33.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.56%
21) 2-Butanone-d5	3.93	46	193563	72.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.71%
24) Chloroform-d	4.38	84	258393	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	5.06	65	175928	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
32) Benzene-d6	5.07	84	473966	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
36) 1,2-Dichloropropane-d6	6.09	67	165376	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.30%
41) Toluene-d8	7.34	98	425927	52.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.42%
43) trans-1,3-Dichloropropene-	7.64	79	77456	42.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.40%
47) 2-Hexanone-d5	8.12	63	143230	72.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.25%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	243887	40.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	165100	43.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

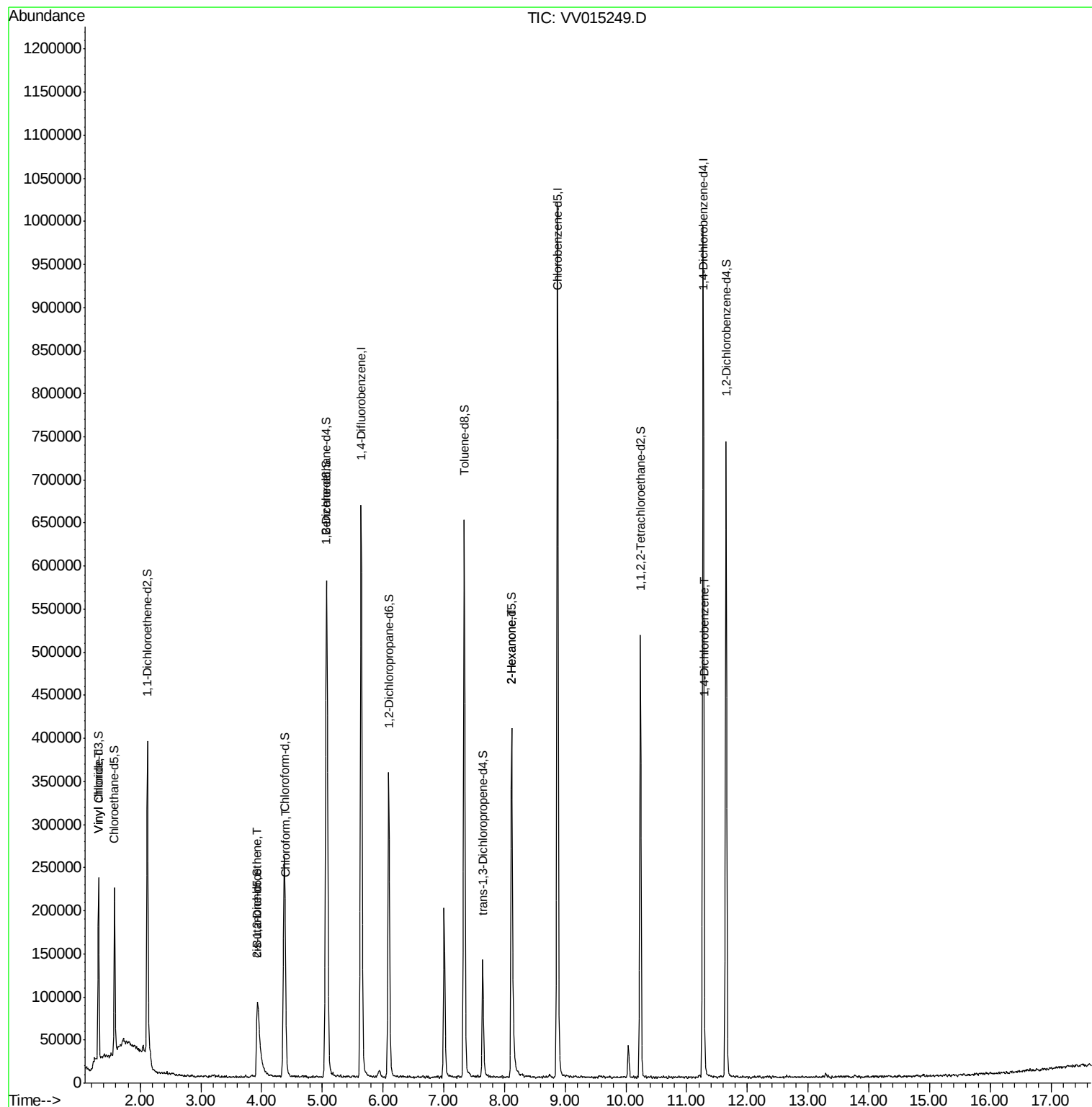
					Ovalue
5) Vinyl chloride	1.32	62	8192	1.662 ug/L #	58
20) cis-1,2-Dichloroethene	3.94	96	2824	0.662 ug/L #	92
25) Chloroform	4.40	83	7160	1.007 ug/L	90
48) 2-Hexanone	8.12	43	18811	4.569 ug/L #	88
63) 1,4-Dichlorobenzene	11.30	146	4174	0.600 ug/L	86

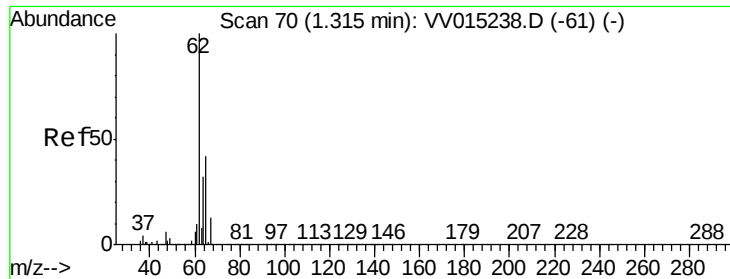
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.662 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015249.D

Acq: 28 Mar 2020 16:29

Instrument :

MSVOA_V

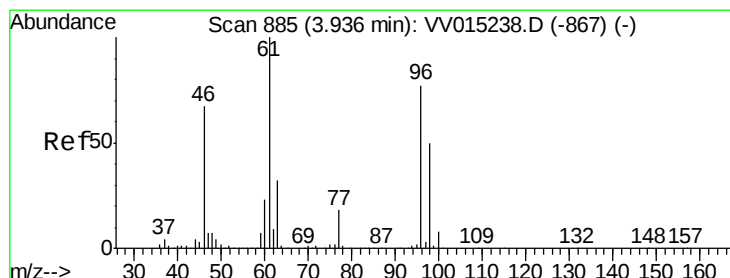
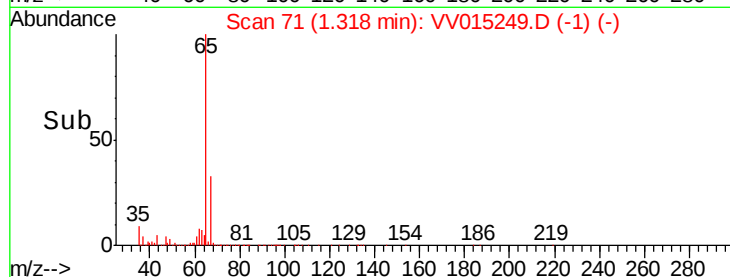
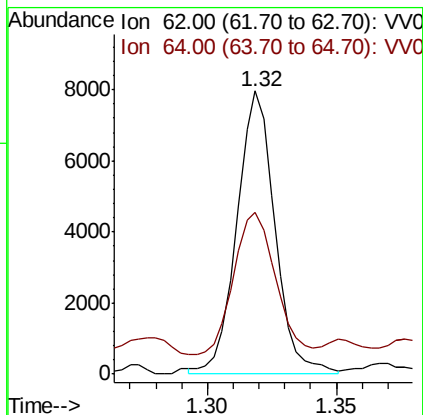
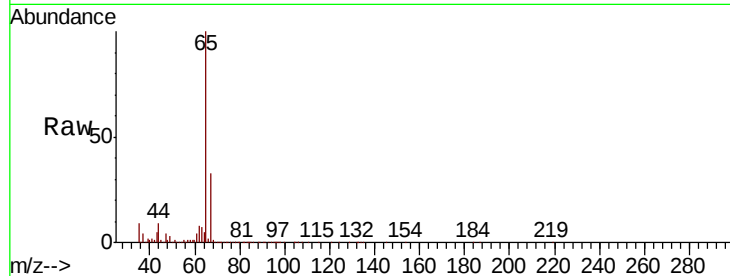
ClientSampleId :

Tot Ion: 62 Resp: 8192

Ion Ratio Lower Upper

62 100

64 57.4 23.5 43.7#



#20

cis-1,2-Dichloroethene

Concen: 0.662 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV015249.D

Acq: 28 Mar 2020 16:29

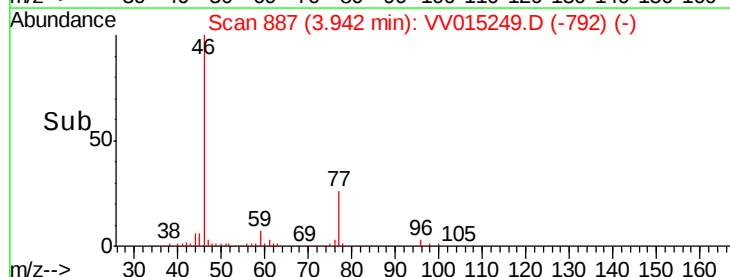
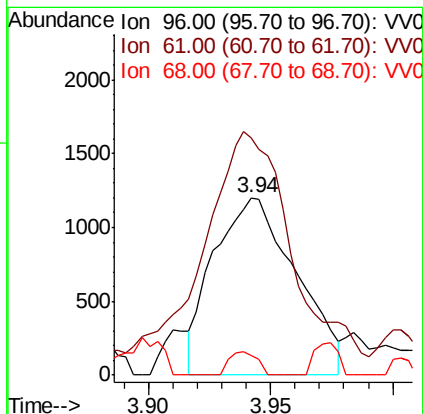
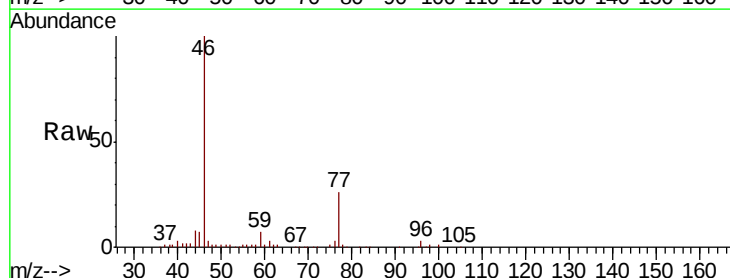
Tgt Ion: 96 Resp: 2824

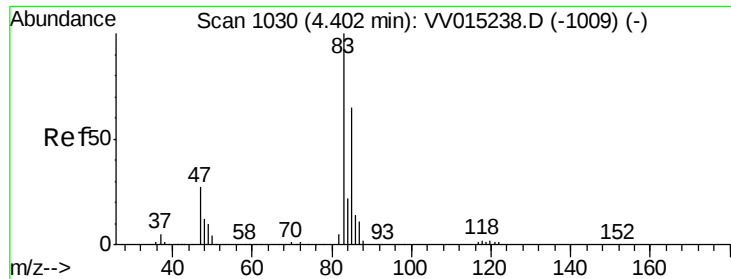
Ion Ratio Lower Upper

96 100

61 133.3 87.2 162.0

68 11.1 0.1 0.3#

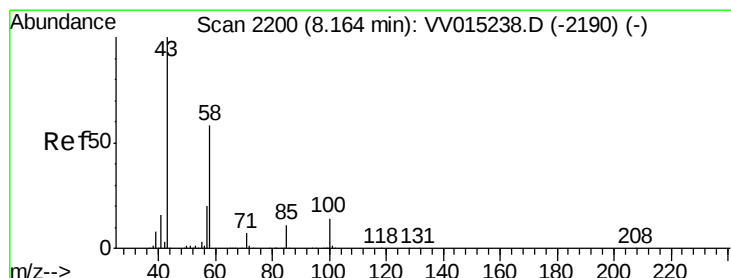
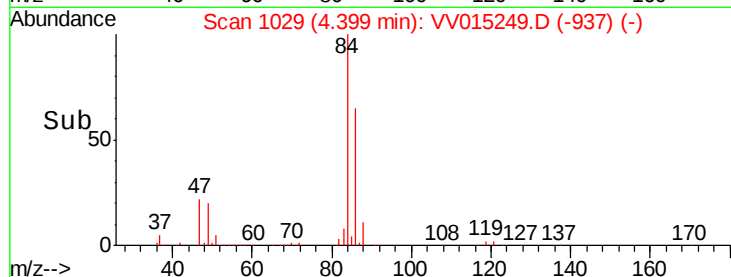
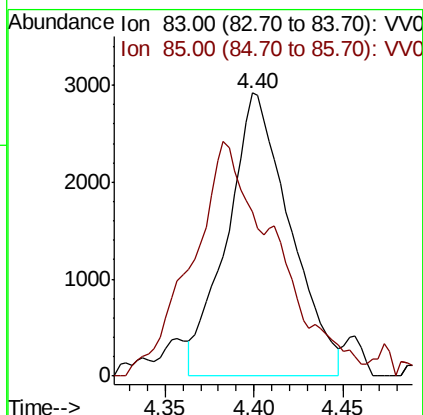
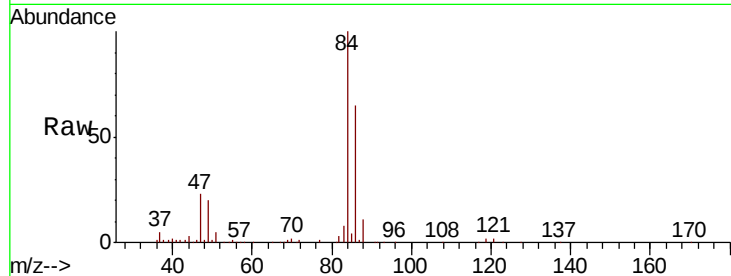




#25
Chloroform
Concen: 1.007 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015249.D
Acq: 28 Mar 2020 16:29

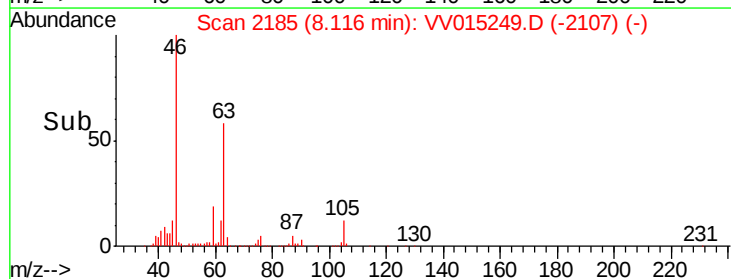
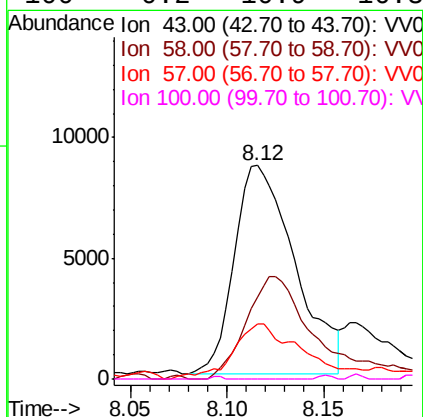
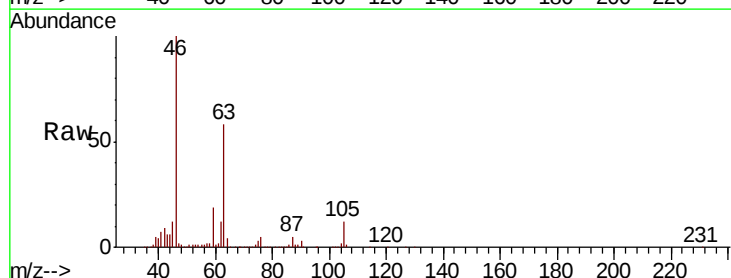
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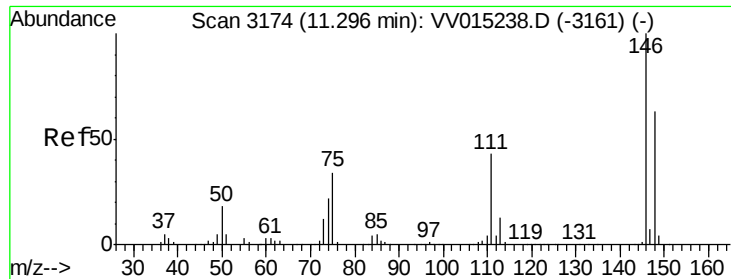
Tot Ion: 83 Resp: 7160
Ion Ratio Lower Upper
83 100
85 57.9 46.2 85.8



#48
2-Hexanone
Concen: 4.569 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015249.D
Acq: 28 Mar 2020 16:29

Tgt Ion: 43 Resp: 18811
Ion Ratio Lower Upper
43 100
58 51.0 45.5 68.3
57 16.4 15.8 23.6
100 0.2 10.9 16.3#





#63

1,4-Dichlorobenzene

Concen: 0.600 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV015249.D

Acq: 28 Mar 2020 16:29

Instrument :

MSVOA_V

ClientSampleId :

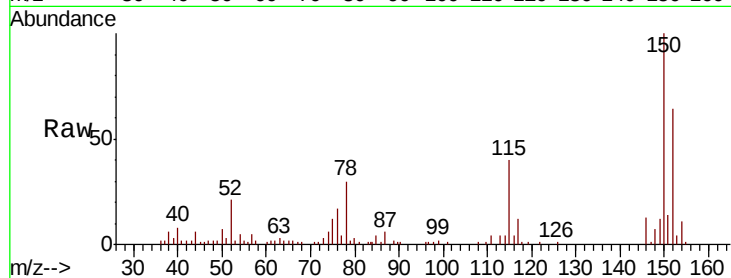
Tot Ion:146 Resp: 4174

Ion Ratio Lower Upper

146 100

111 30.4 29.4 54.6

148 54.2 43.6 81.0



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

