

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003610.D
 Acq On : 24 Nov 2020 17:02
 Operator : SY/MD
 Sample : L4861-01
 Misc : 5.22G/10ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:04:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 06:01:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	164690	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	149046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	61152	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	48765	26.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.48%
7) Chloroethane-d5	2.77	69	39169	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.04%
10) 1,1-Dichloroethene-d2	3.86	63	80317	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	6.90	46	26396	28.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.68%
24) Chloroform-d	7.49	84	104358	24.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	8.14	65	54853	23.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.52%
29) Benzene-d6	8.11	84	214958	24.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.00%
33) 1,2-Dichloropropane-d6	9.13	67	64694	25.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.64%
37) Toluene-d8	10.18	98	186285	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.76%
38) trans-1,3-Dichloropropene-	10.44	79	26953	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.84%
39) 2-Hexanone-d5	10.79	63	18553	28.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.04%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	39488	17.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.20%
61) 1,2-Dichlorobenzene-d4	13.72	152	48719	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

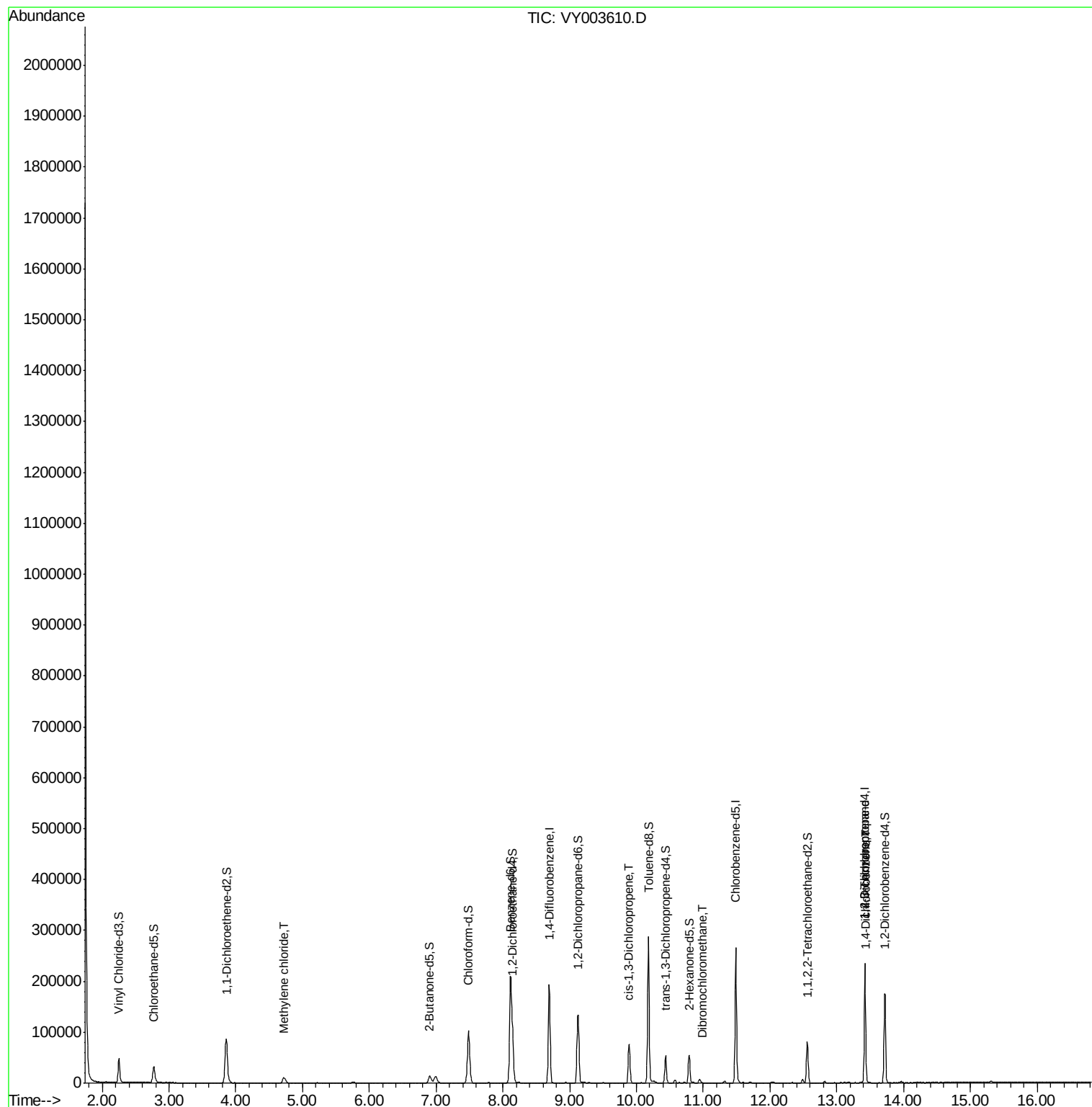
					Ovalue
16) Methylene chloride	4.72	84	7841	2.777 ug/L	91
42) cis-1,3-Dichloropropene	9.89	75	2145	0.587 ug/L #	68
50) Dibromochloromethane	10.99	129	322	0.144 ug/L #	52
59) 1,2,3-Trichloropropane	13.42	75	7546	4.436 ug/L	98
64) 1,4-Dichlorobenzene	13.44	146	972	0.245 ug/L #	61

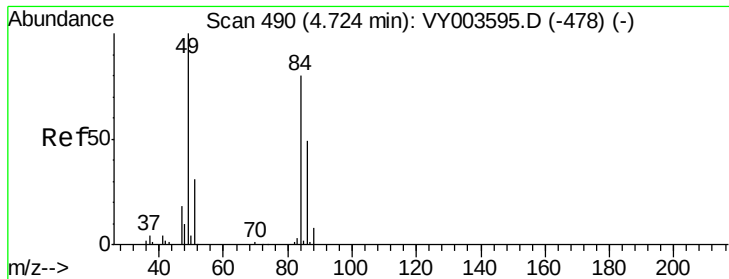
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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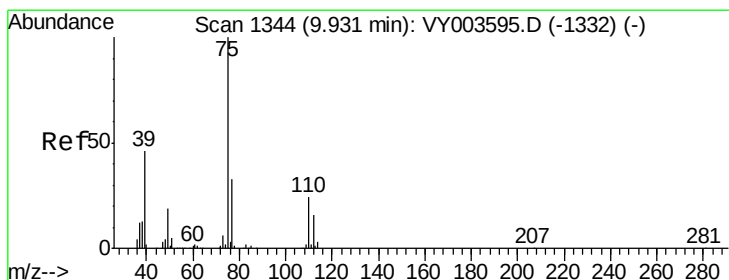
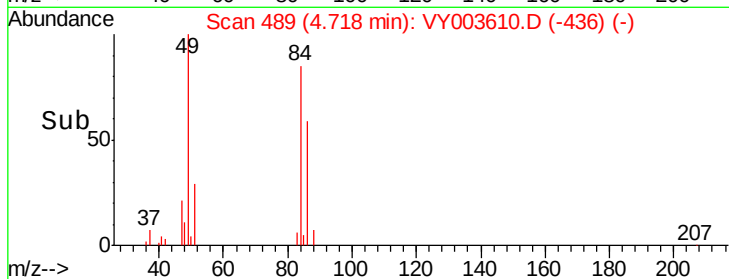
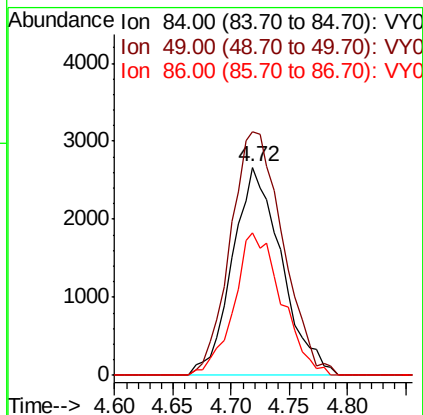
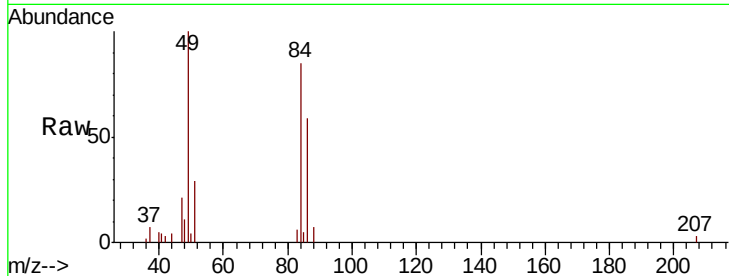




#16
Methylene chloride
Concen: 2.777 ug/L
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003610.D
Acq: 24 Nov 2020 17:02

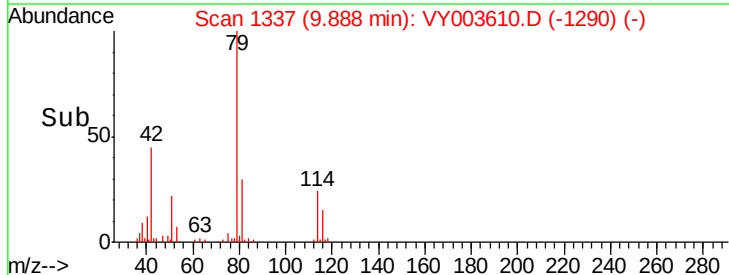
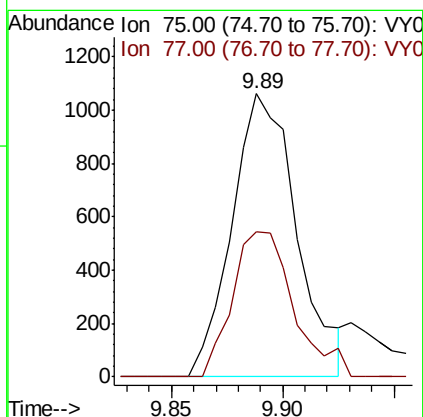
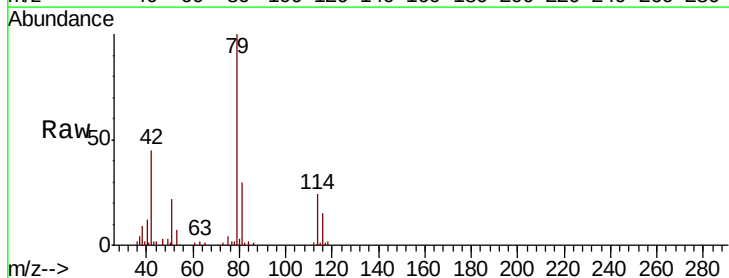
Instrument :
MSVOA_Y
ClientSampled :

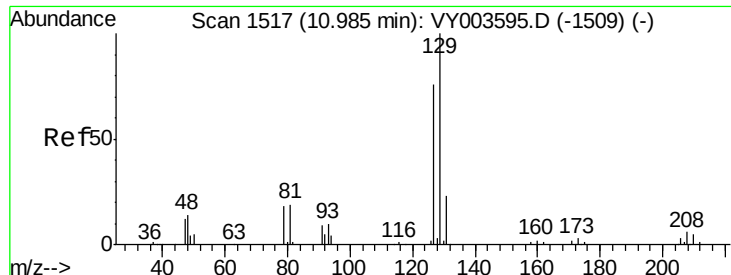
Tot Ion: 84 Resp: 7841
Ion Ratio Lower Upper
84 100
49 117.1 90.3 167.7
86 68.7 44.7 83.1



#42
cis-1,3-Dichloropropene
Concen: 0.587 ug/L
RT: 9.89 min Scan# 1337
Delta R.T. -0.04 min
Lab File: VY003610.D
Acq: 24 Nov 2020 17:02

Tgt Ion: 75 Resp: 2145
Ion Ratio Lower Upper
75 100
77 51.3 23.2 43.0#





#50

Dibromochloromethane

Concen: 0.144 ug/L

RT: 10.99 min Scan# 1518

Delta R.T. 0.01 min

Lab File: VY003610.D

Acq: 24 Nov 2020 17:02

Instrument :

MSVOA_Y

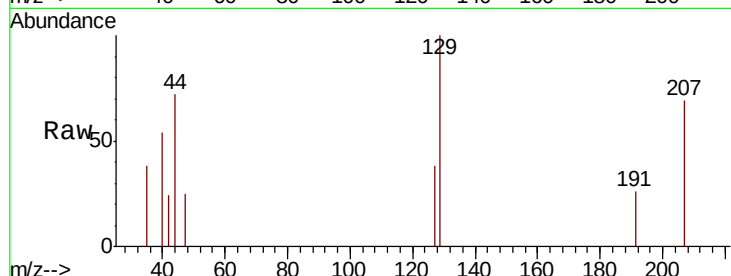
ClientSampleId :

Tot Ion:129 Resp: 322

Ion Ratio Lower Upper

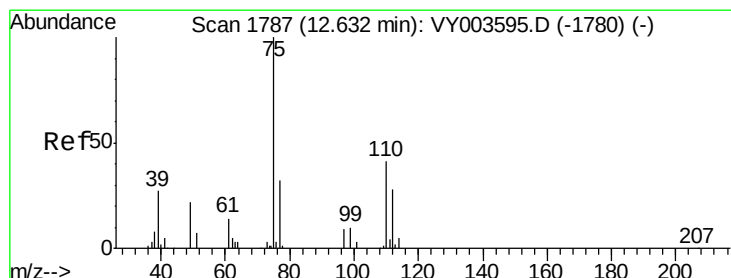
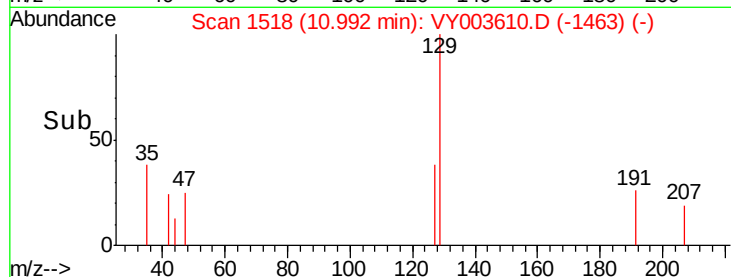
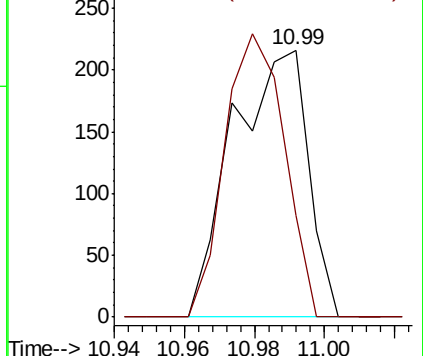
129 100

127 38.0 56.6 105.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.436 ug/L

RT: 13.42 min Scan# 1917

Delta R.T. 0.79 min

Lab File: VY003610.D

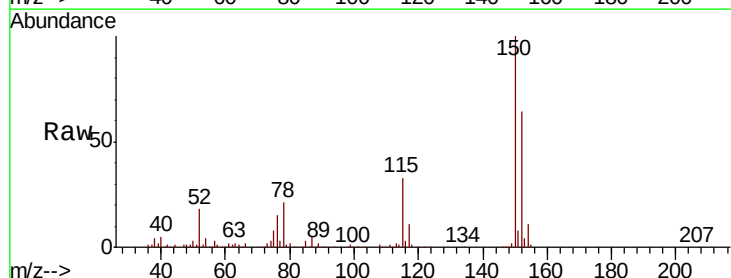
Acq: 24 Nov 2020 17:02

Tgt Ion: 75 Resp: 7546

Ion Ratio Lower Upper

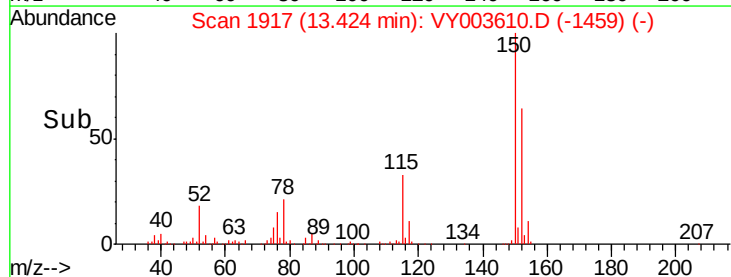
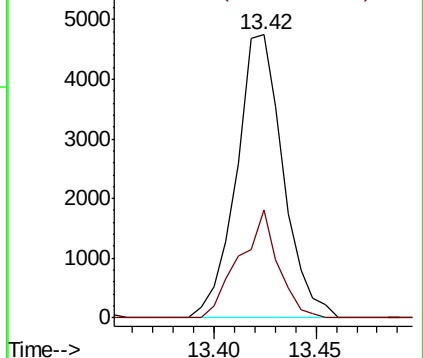
75 100

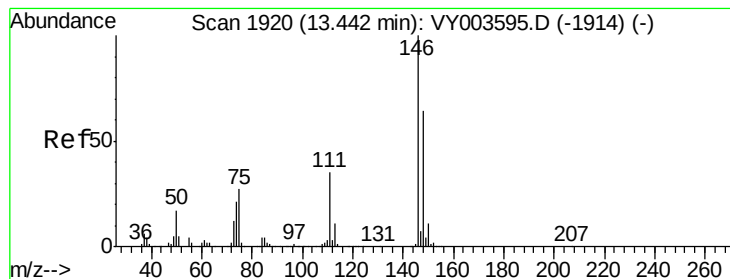
77 31.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





#64

1,4-Dichlorobenzene

Concen: 0.245 ug/L

RT: 13.44 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VY003610.D

Acq: 24 Nov 2020 17:02

Instrument :

MSVOA_Y

ClientSampleId :

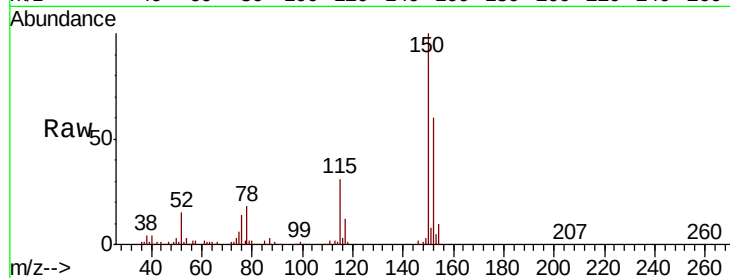
Tot Ion:146 Resp: 972

Ion Ratio Lower Upper

146 100

111 85.8 24.1 44.8#

148 53.6 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

