

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017217.D
 Acq On : 27 Jun 2020 06:12
 Operator : SY/MD
 Sample : L3133-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 07:01:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342178	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	319618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149679	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90028	37.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.58%
7) Chloroethane-d5	1.58	69	62477	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.24%
11) 1,1-Dichloroethene-d2	2.12	63	146220	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.12%
21) 2-Butanone-d5	3.91	46	147514	82.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.55%
24) Chloroform-d	4.38	84	217303	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.06	65	157173	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
32) Benzene-d6	5.08	84	400709	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.98%
36) 1,2-Dichloropropane-d6	6.09	67	121036	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.28%
41) Toluene-d8	7.34	98	366961	43.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.64	79	58041	38.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.60%
47) 2-Hexanone-d5	8.11	63	95217	76.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	161362	42.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	152319	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%

Target Compounds

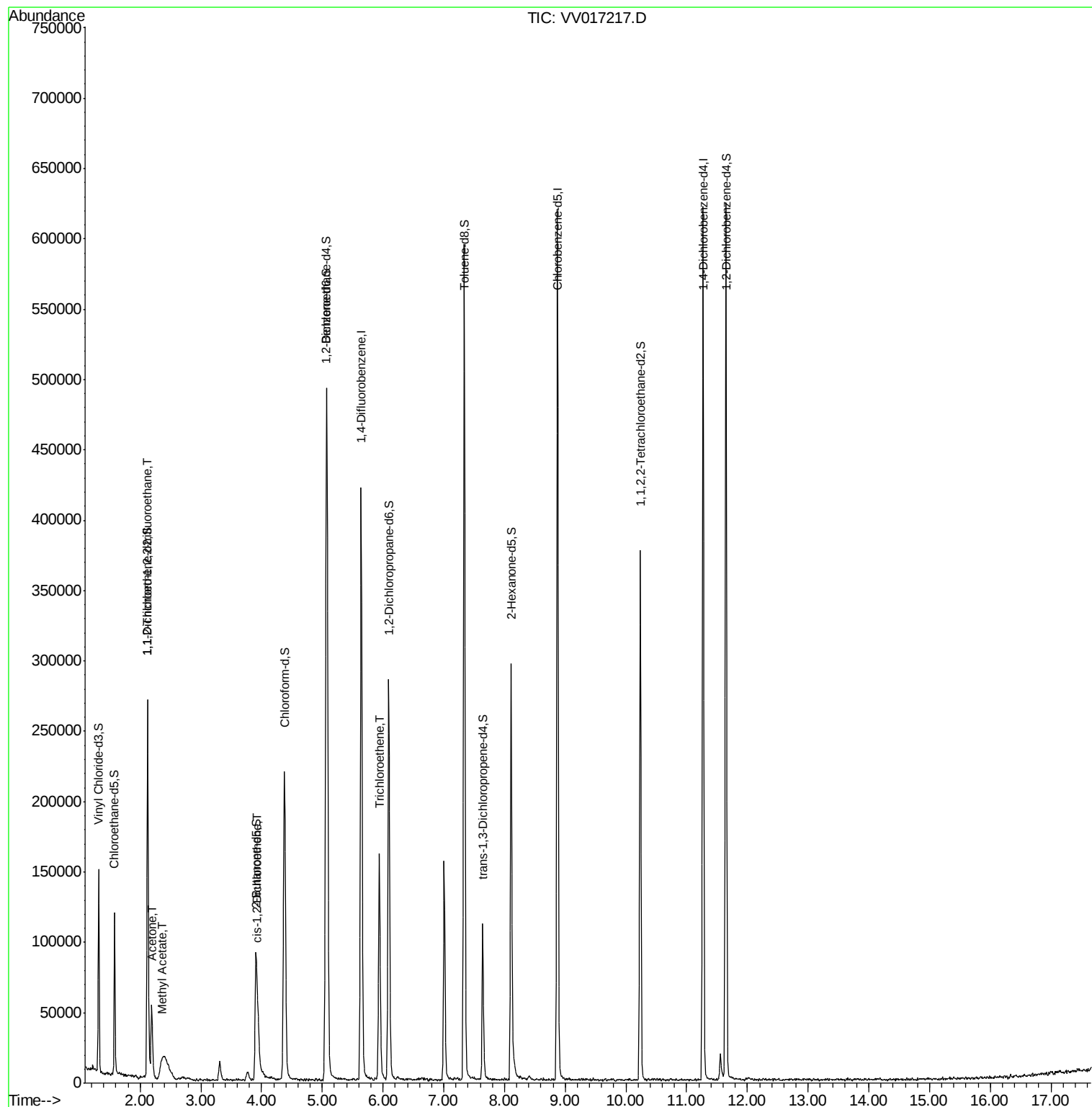
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1389	0.763 ug/L #	20
13) Acetone	2.19	43	66039	56.087 ug/L	99
15) Methyl Acetate	2.35	43	4200	1.600 ug/L #	56
20) cis-1,2-Dichloroethene	3.94	96	12771	5.059 ug/L	96
34) Trichloroethene	5.94	95	52280	20.613 ug/L	99

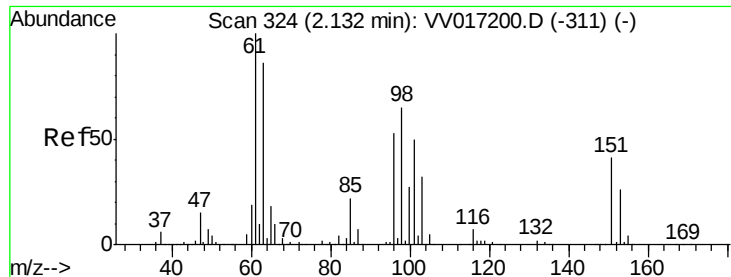
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.763 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017217.D

Acq: 27 Jun 2020 06:12

Instrument :

MSVOA_V

ClientSampleId :

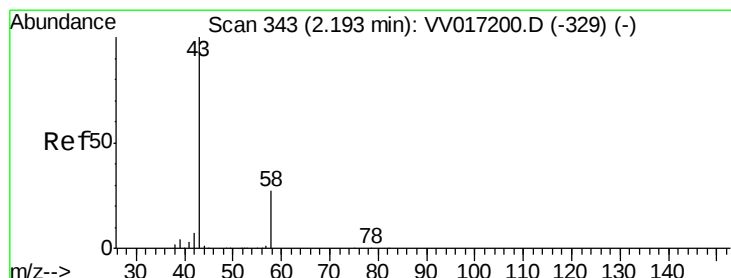
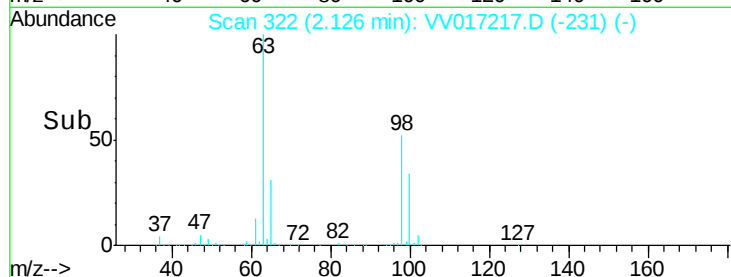
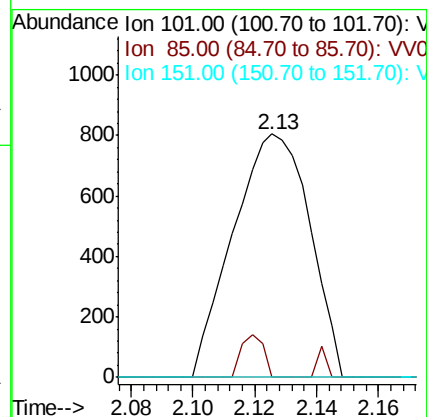
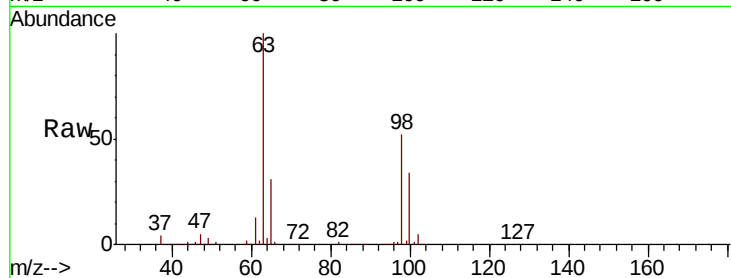
Tot Ion:101 Resp: 1389

Ion Ratio Lower Upper

101 100

85 5.0 35.5 53.3#

151 0.0 63.9 95.9#



#13

Acetone

Concen: 56.087 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV017217.D

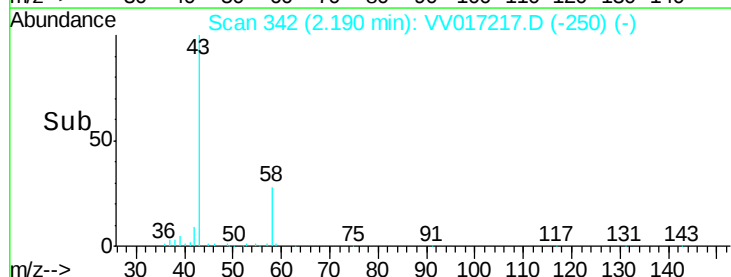
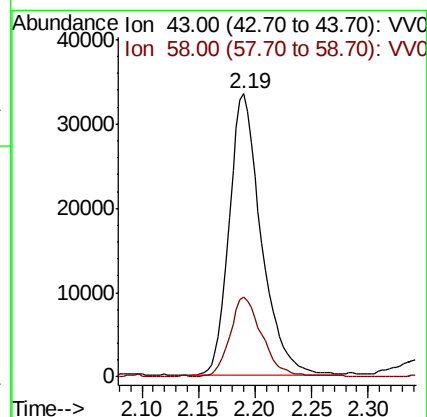
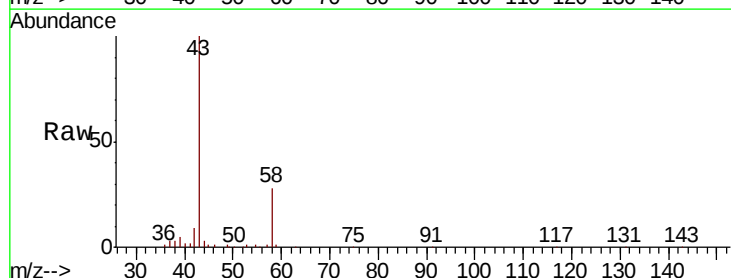
Acq: 27 Jun 2020 06:12

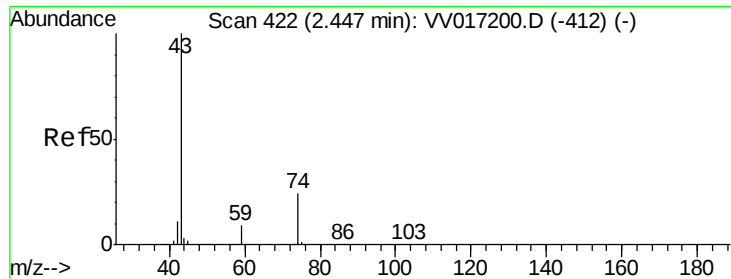
Tgt Ion: 43 Resp: 66039

Ion Ratio Lower Upper

43 100

58 28.3 0.0 55.2

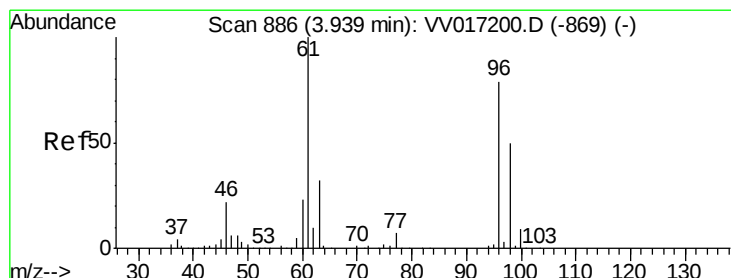
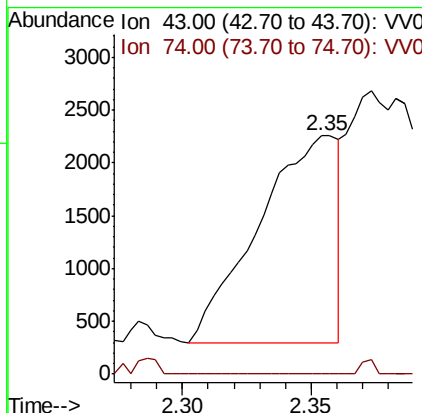
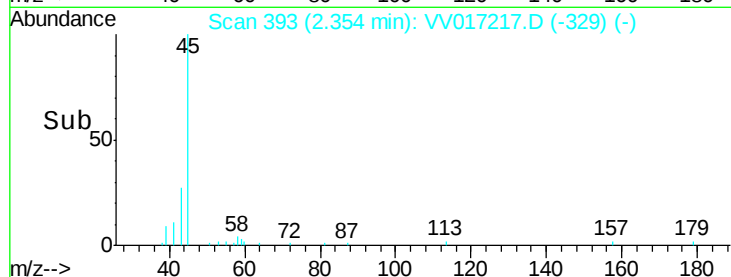
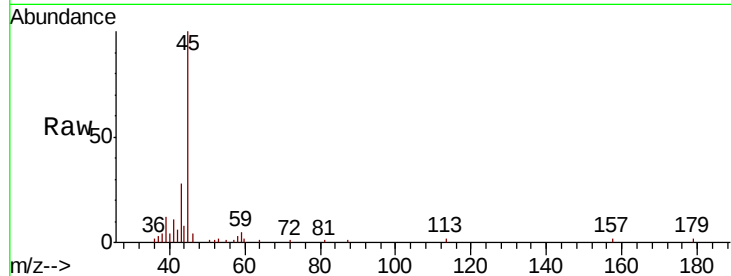




#15
Methvl Acetate
Concen: 1.600 ug/L
RT: 2.35 min Scan# 393
Delta R.T. -0.09 min
Lab File: VV017217.D
Acq: 27 Jun 2020 06:12

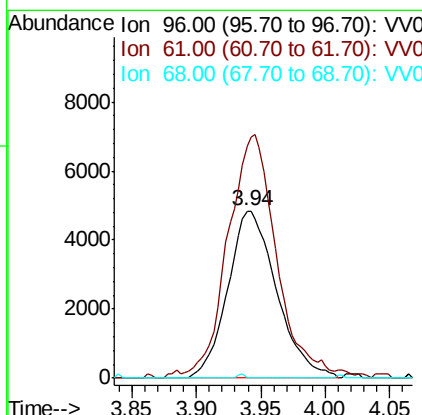
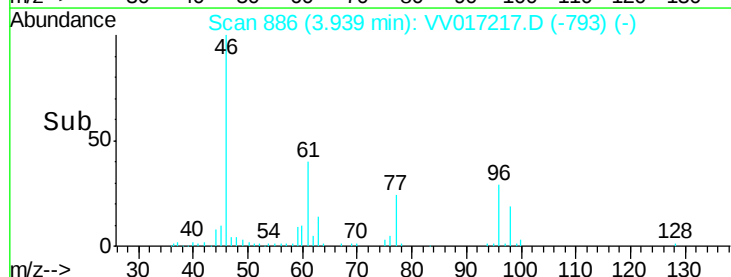
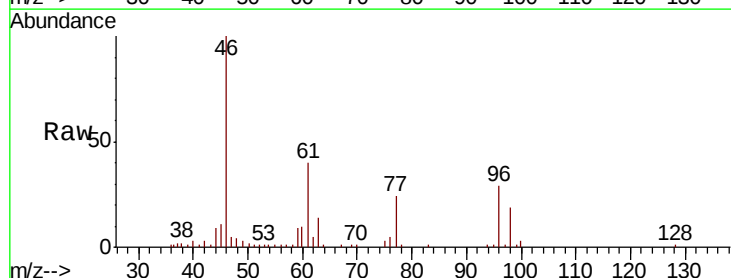
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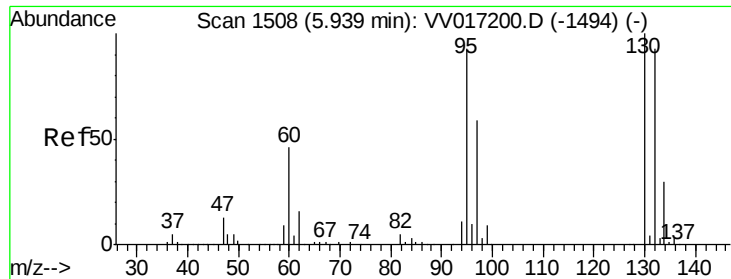
Tot Ion: 43 Resp: 4200
Ion Ratio Lower Upper
43 100
74 1.2 17.9 26.9#



#20
cis-1,2-Dichloroethene
Concen: 5.059 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV017217.D
Acq: 27 Jun 2020 06:12

Tgt Ion: 96 Resp: 12771
Ion Ratio Lower Upper
96 100
61 138.6 93.4 173.4
68 0.0 0.0 0.0

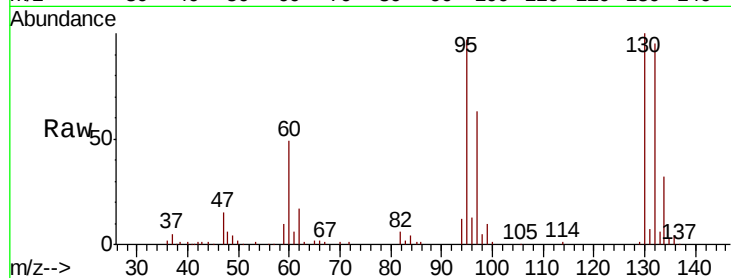




#34
 Trichloroethene
 Concen: 20.613 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: VV017217.D
 Acq: 27 Jun 2020 06:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	95	Resp:	52280
Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.3	82.3
132	98.4	67.9	126.1
130	103.4	72.2	134.2



Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

