

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111518\
 Data File : VU028172.D
 Acq On : 15 Nov 2018 15:27
 Operator : MD/SY
 Sample : J5943-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP5

Quant Time: Nov 22 00:08:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 00:43:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	127013	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	123104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	57369	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36984	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.68	69	34260	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.28	63	59309	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.21	46	157111	51.40	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	4.65	84	74248	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.32	65	43382	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.34	84	149731	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.33	67	56852	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.57	98	132513	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.86	79	16542	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.31	63	122059	47.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	40504	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	46558	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

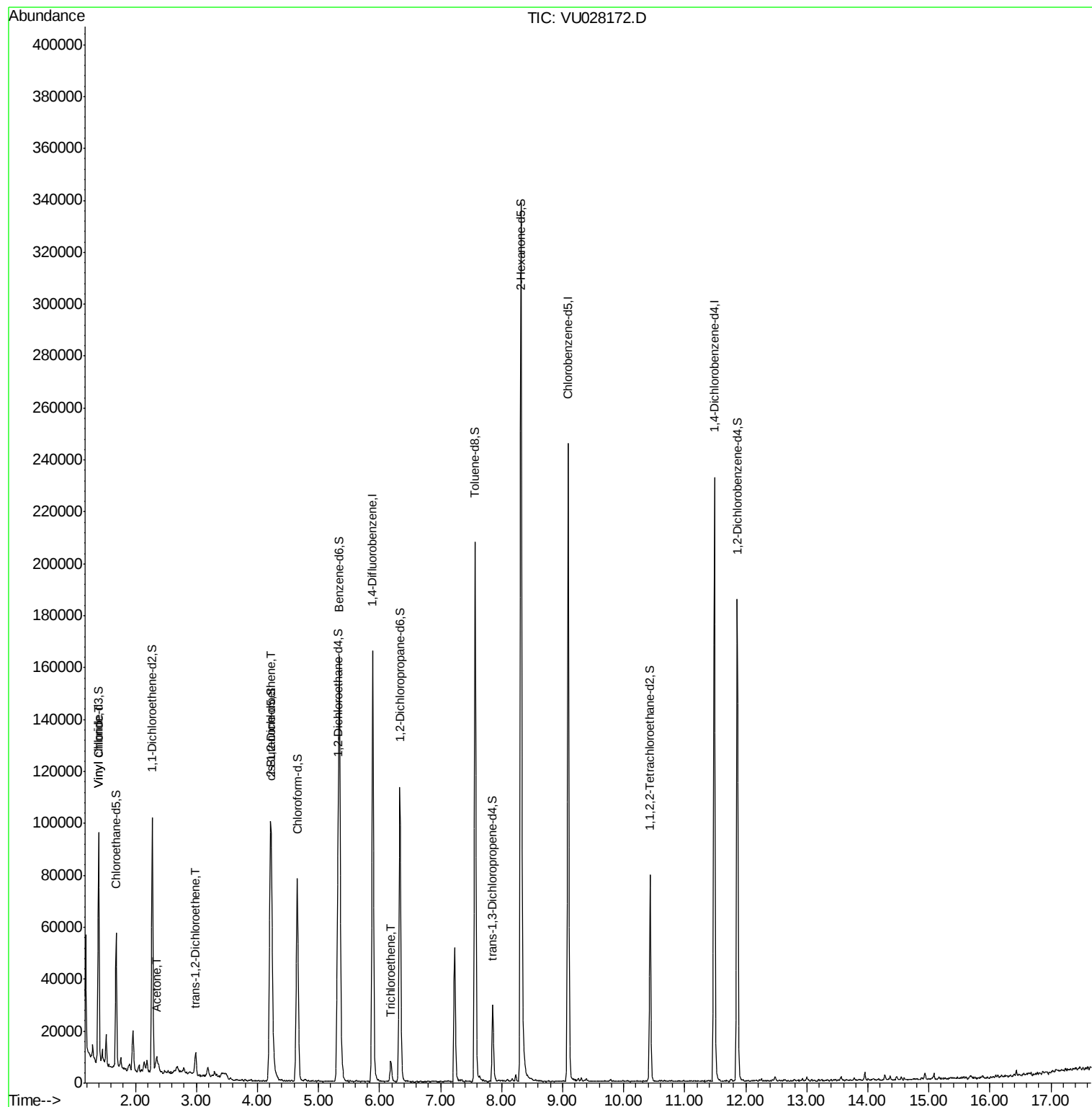
					Ovalue
5) Vinyl chloride	1.41	62	4766	0.350 ug/L	90
13) Acetone	2.35	43	9279	4.507 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	2612	0.291 ug/L	87
22) cis-1,2-Dichloroethene	4.23	96	15584	1.574 ug/L	93
34) Trichloroethene	6.19	95	2760	0.269 ug/L	93

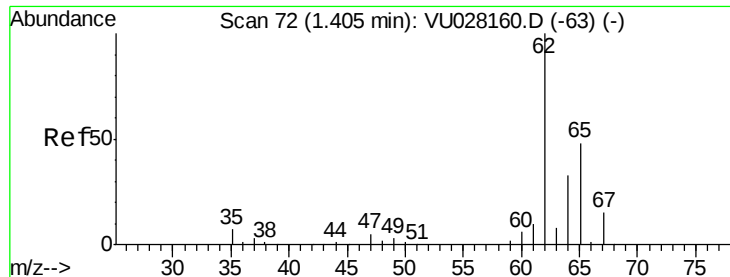
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.350 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028172.D

Acq: 15 Nov 2018 15:27

Instrument :

MSVOA_U

ClientSampled :

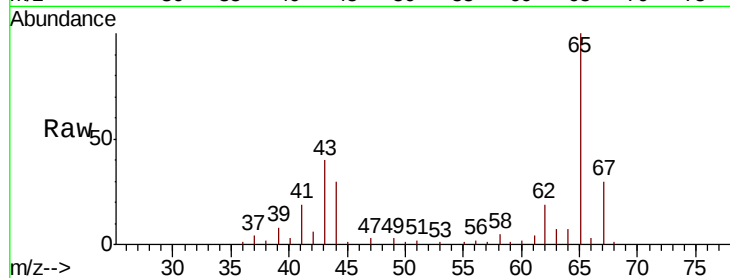
H0FP5

Tot Ion: 62 Resp: 4766

Ion Ratio Lower Upper

62 100

64 38.1 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.41

5000

4000

3000

2000

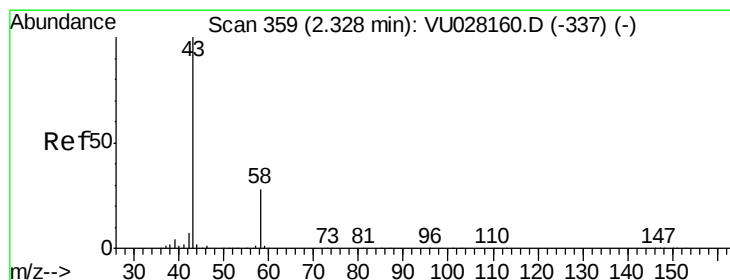
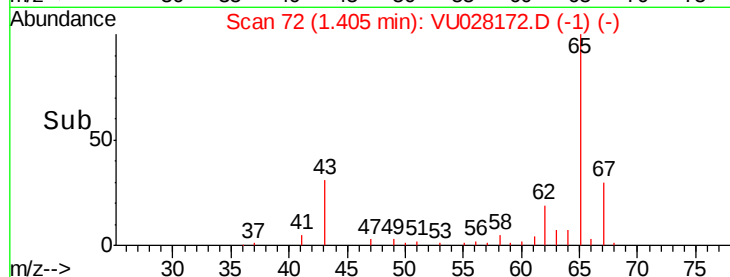
1000

0

1.40

1.45

Time-->



#13

Acetone

Concen: 4.507 ug/L

RT: 2.35 min Scan# 366

Delta R.T. 0.02 min

Lab File: VU028172.D

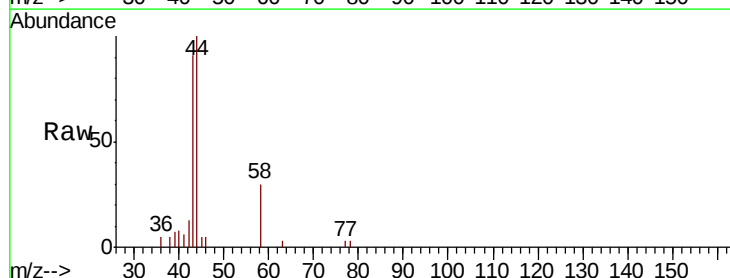
Acq: 15 Nov 2018 15:27

Tgt Ion: 43 Resp: 9279

Ion Ratio Lower Upper

43 100

58 29.6 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.35

3000

2000

1000

0

2.25

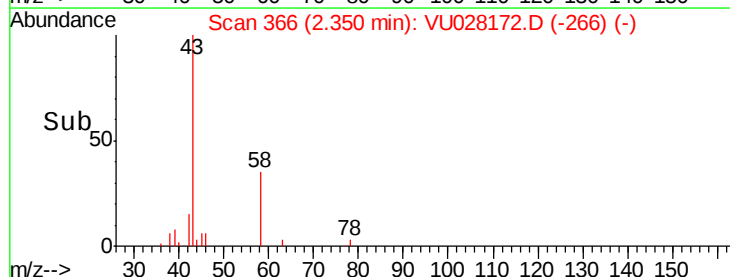
2.30

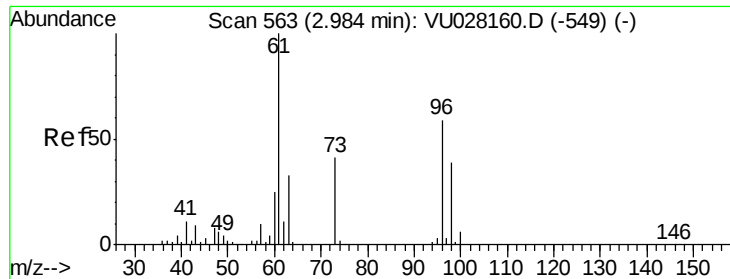
2.35

2.40

2.45

Time-->





#18

trans-1,2-Dichloroethene

Concen: 0.291 ug/L

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028172.D

Acq: 15 Nov 2018 15:27

Instrument :

MSVOA_U

ClientSampleId :

H0FP5

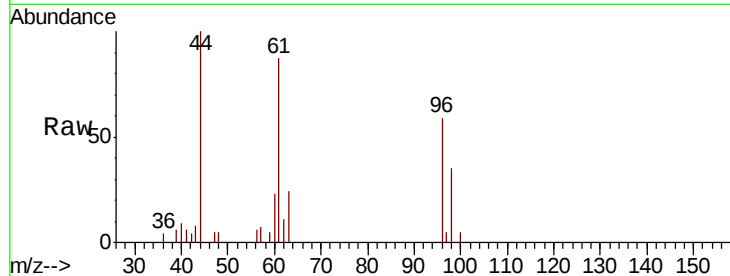
Tot Ion: 96 Resp: 2612

Ion Ratio Lower Upper

96 100

61 148.0 118.5 220.1

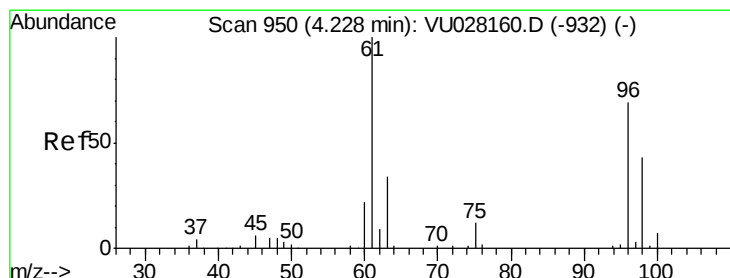
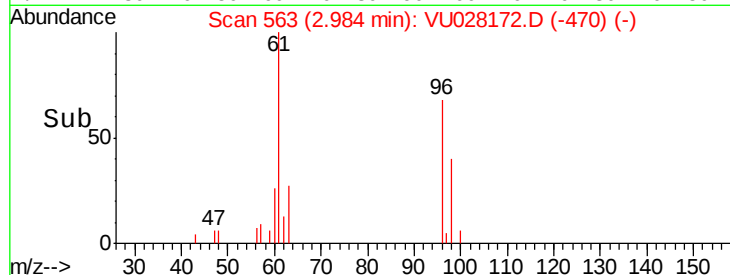
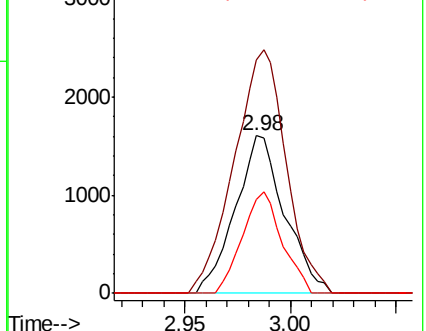
98 59.8 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.574 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU028172.D

Acq: 15 Nov 2018 15:27

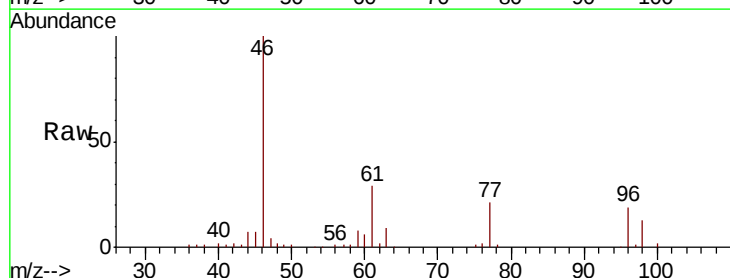
Tgt Ion: 96 Resp: 15584

Ion Ratio Lower Upper

96 100

61 154.1 101.8 189.0

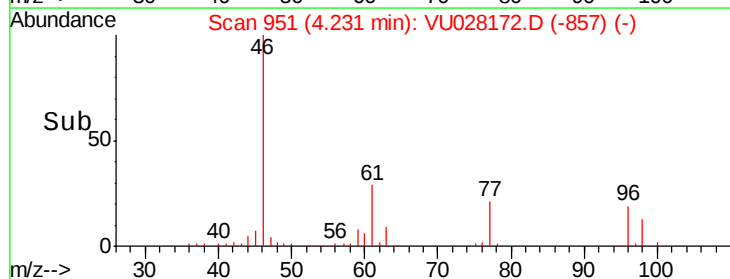
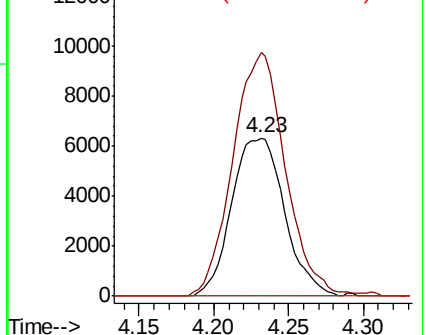
68 0.0 0.0 0.0

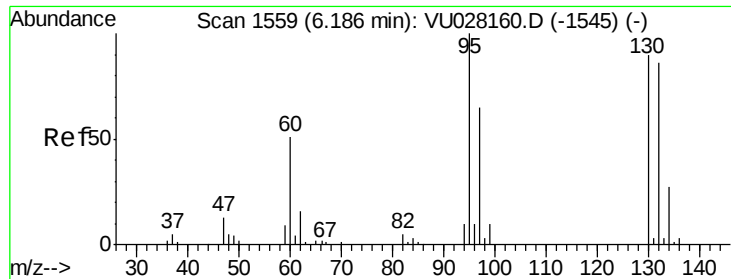


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.269 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028172.D

Acq: 15 Nov 2018 15:27

Instrument :

MSVOA_U

ClientSampleId :

H0FP5

Tot Ion: 95 Resp: 2760

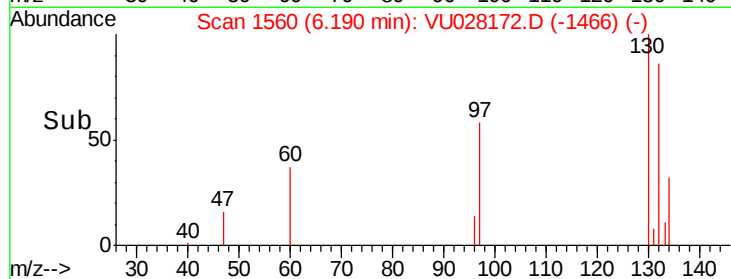
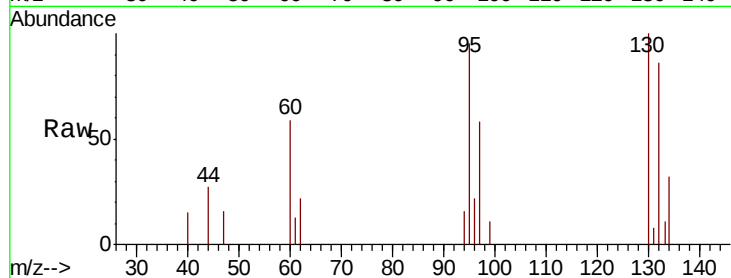
Ion Ratio Lower Upper

95 100

97 60.5 45.3 84.1

132 90.1 63.0 117.0

130 104.9 63.6 118.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

