

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039784.D
 Acq On : 07 Aug 2020 14:04
 Operator : SY/MD
 Sample : L3572-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2L45

Quant Time: Aug 08 04:17:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69434	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68057	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31300	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18057	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.92	69	18341	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.57	63	28879	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.72	46	86403	52.40	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.80%
24) Chloroform-d	5.08	84	43335	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.72	65	27283	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.74	84	74251	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.70	67	27141	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	55110	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	8.19	79	8733	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.65	63	67468	58.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.28%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26855	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	28782	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

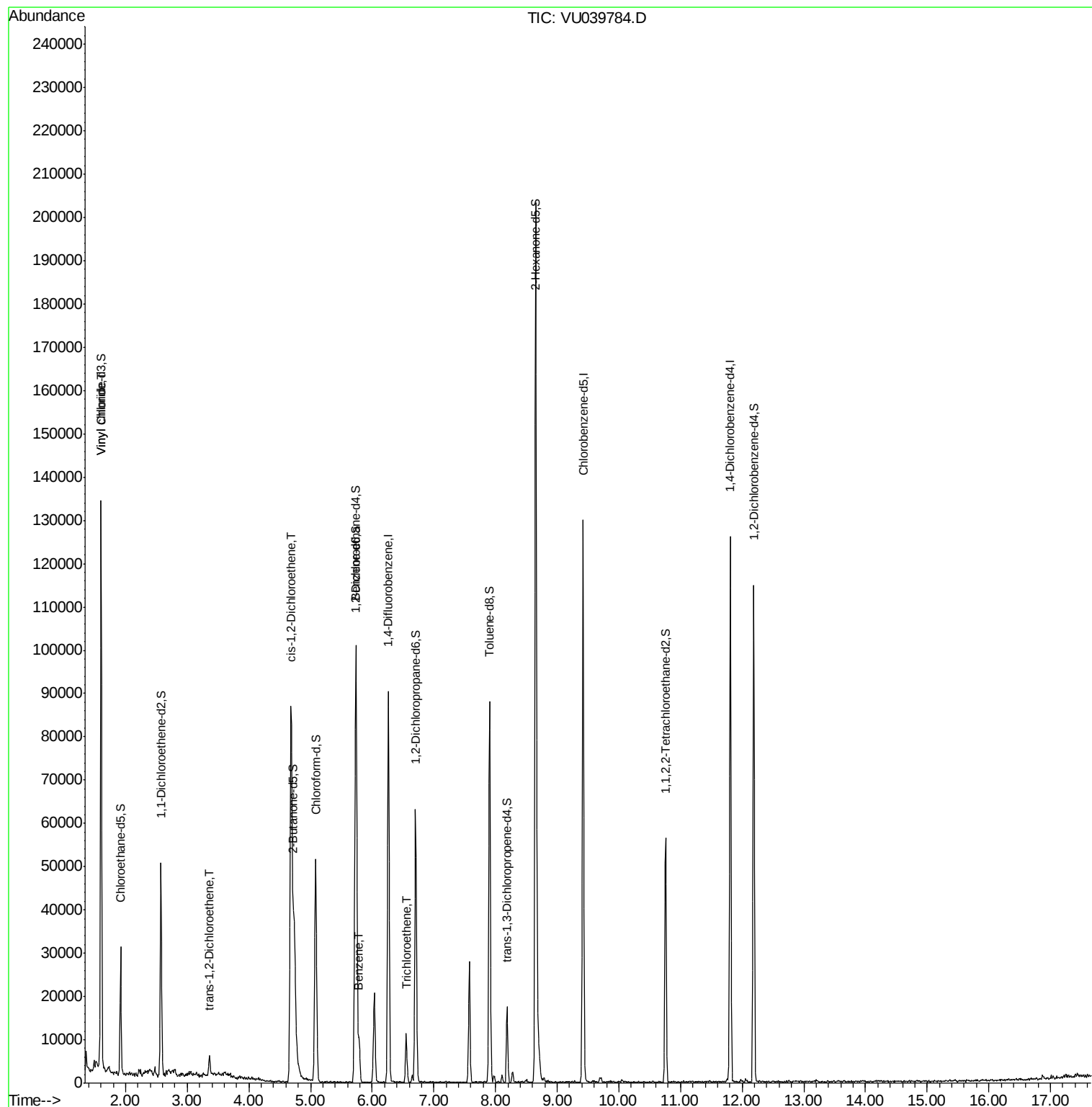
					Ovalue
5) Vinyl chloride	1.60	62	69835	12.370 ug/L	96
18) trans-1,2-Dichloroethene	3.36	96	1372	0.298 ug/L	75
22) cis-1,2-Dichloroethene	4.68	96	43227	8.619 ug/L	96
33) Benzene	5.78	78	8902	0.480 ug/L	100
34) Trichloroethene	6.55	95	3280	0.681 ug/L	90

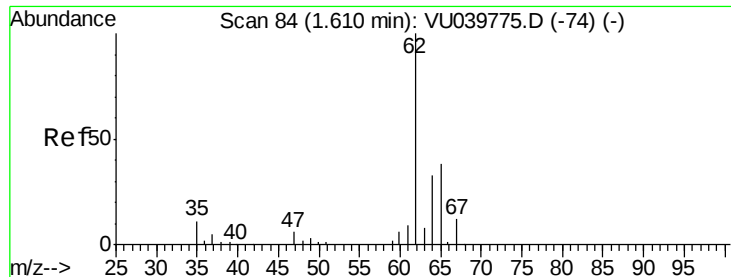
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 12.370 ug/L

RT: 1.60 min Scan# 82

Delta R.T. -0.01 min

Lab File: VU039784.D

Acq: 07 Aug 2020 14:04

Instrument :

MSVOA_U

ClientSampled :

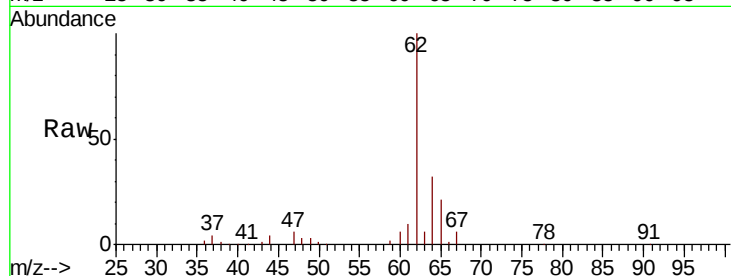
F2L45

Tot Ion: 62 Resp: 69835

Ion Ratio Lower Upper

62 100

64 32.1 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU039775.D (-74) (-)

Ion 64.10 (63.80 to 64.80): VU039775.D (-74) (-)

1.60

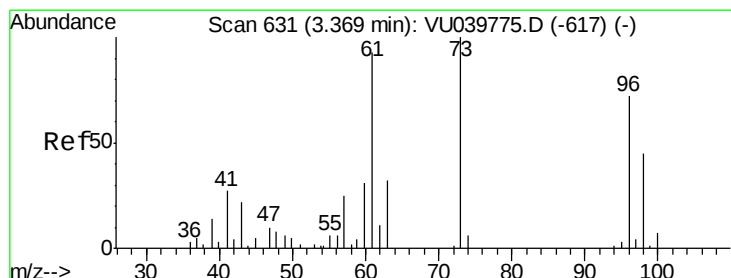
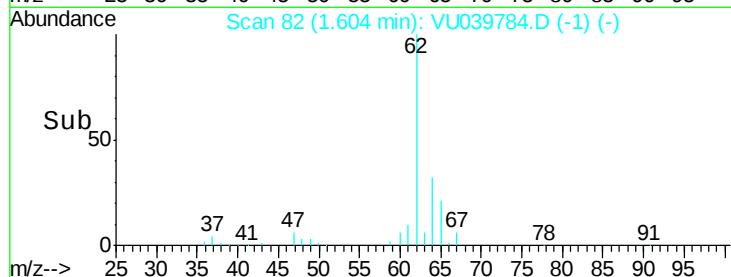
60000

40000

20000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.298 ug/L

RT: 3.36 min Scan# 629

Delta R.T. -0.01 min

Lab File: VU039784.D

Acq: 07 Aug 2020 14:04

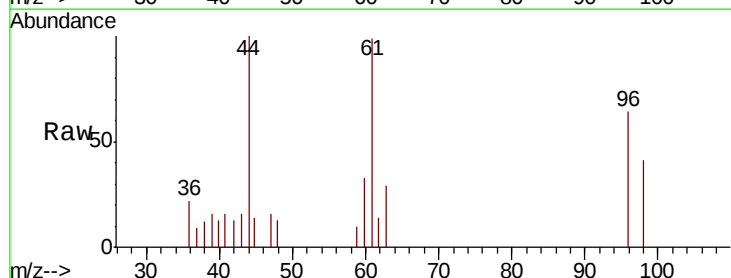
Tgt Ion: 96 Resp: 1372

Ion Ratio Lower Upper

96 100

61 177.0 96.5 179.1

98 64.6 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU039775.D (-617) (-)

Ion 61.05 (60.75 to 61.75): VU039775.D (-617) (-)

Ion 97.95 (97.65 to 98.65): VU039775.D (-617) (-)

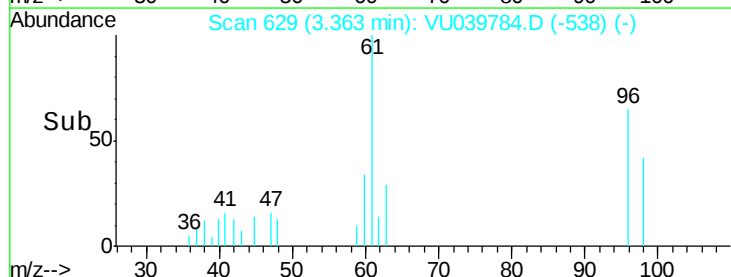
1500

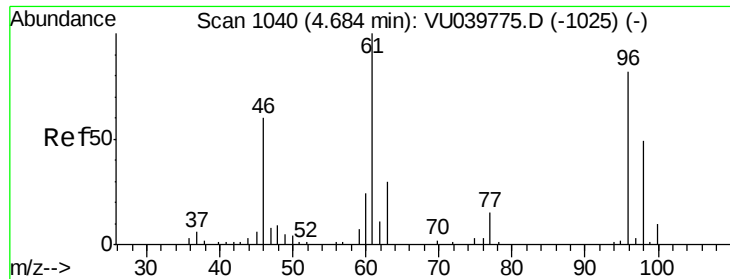
1000

500

0

Time-->

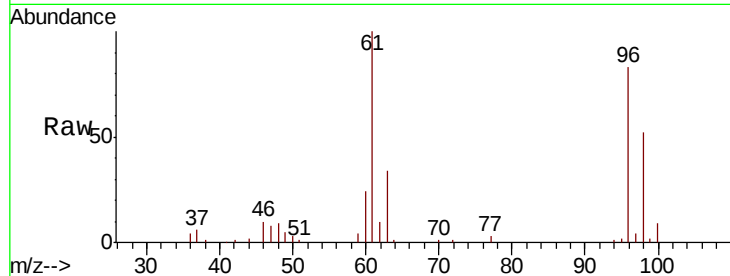




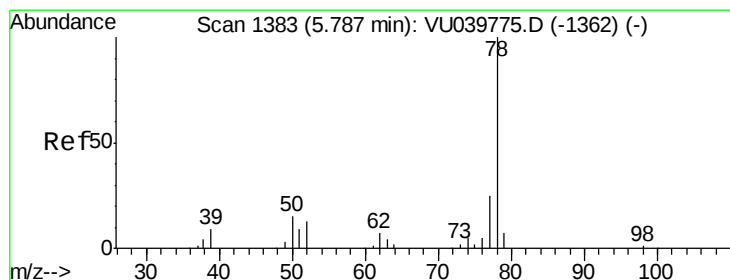
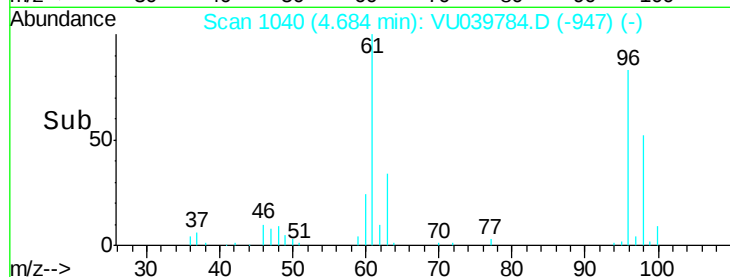
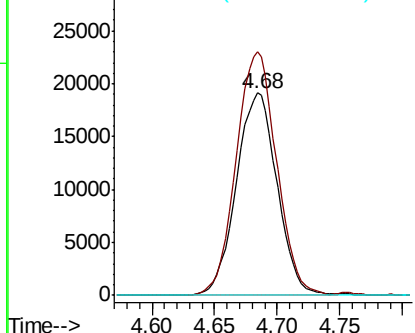
#22
 cis-1,2-Dichloroethene
 Concen: 8.619 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039784.D
 Acq: 07 Aug 2020 14:04

Instrument :
 MSVOA_U
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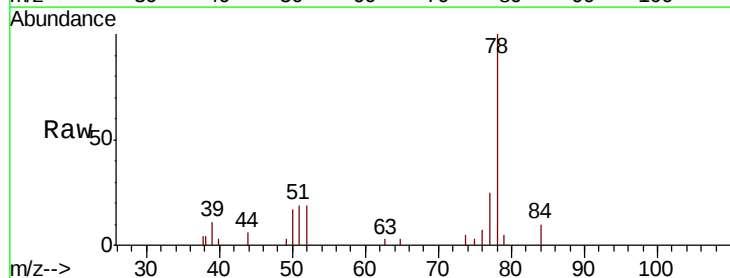
Tot Ion: 96 Resp: 43227
 Ion Ratio Lower Upper
 96 100
 61 120.5 87.4 162.2
 68 0.0 0.0 0.0



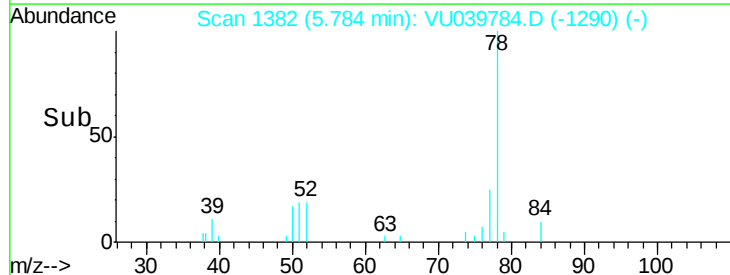
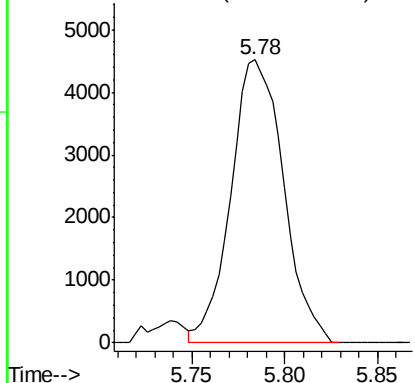
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

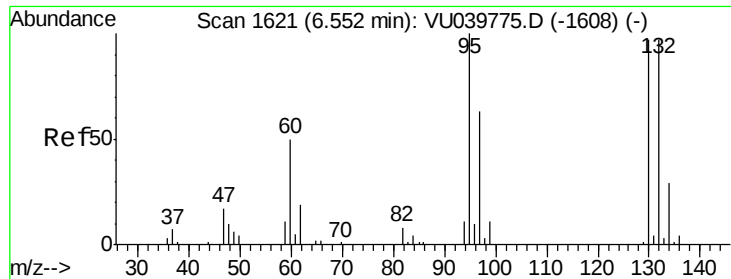


#33
 Benzene
 Concen: 0.480 ug/L
 RT: 5.78 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VU039784.D
 Acq: 07 Aug 2020 14:04
 Tgt Ion: 78 Resp: 8902



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 0.681 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU039784.D

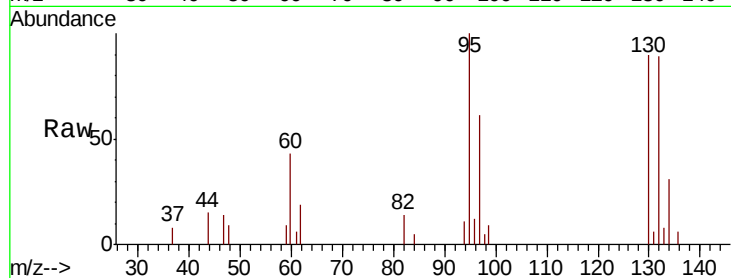
Acq: 07 Aug 2020 14:04

Instrument :

MSVOA_U

ClientSampleId :

F2L45



Tot Ion: 95 Resp: 3280

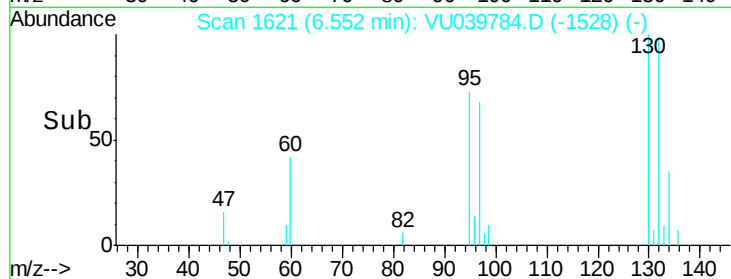
Ion Ratio Lower Upper

95 100

97 60.9 44.0 81.8

132 89.3 71.7 133.3

130 90.0 71.1 132.1



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

