

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017220.D
 Acq On : 27 Jun 2020 07:21
 Operator : SY/MD
 Sample : L3133-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 29 00:12:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 29 00:10:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345343	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328674	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151060	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90370	37.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.18%
7) Chloroethane-d5	1.58	69	62015	42.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.82%
11) 1,1-Dichloroethene-d2	2.12	63	148007	36.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.34%
21) 2-Butanone-d5	3.91	46	150784	83.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.60%
24) Chloroform-d	4.38	84	219486	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	162654	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
32) Benzene-d6	5.08	84	413338	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
36) 1,2-Dichloropropane-d6	6.10	67	121293	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.14%
41) Toluene-d8	7.34	98	371974	42.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.56%
43) trans-1,3-Dichloropropene-	7.64	79	60408	39.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.54%
47) 2-Hexanone-d5	8.11	63	97352	75.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162914	41.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	155168	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%

Target Compounds

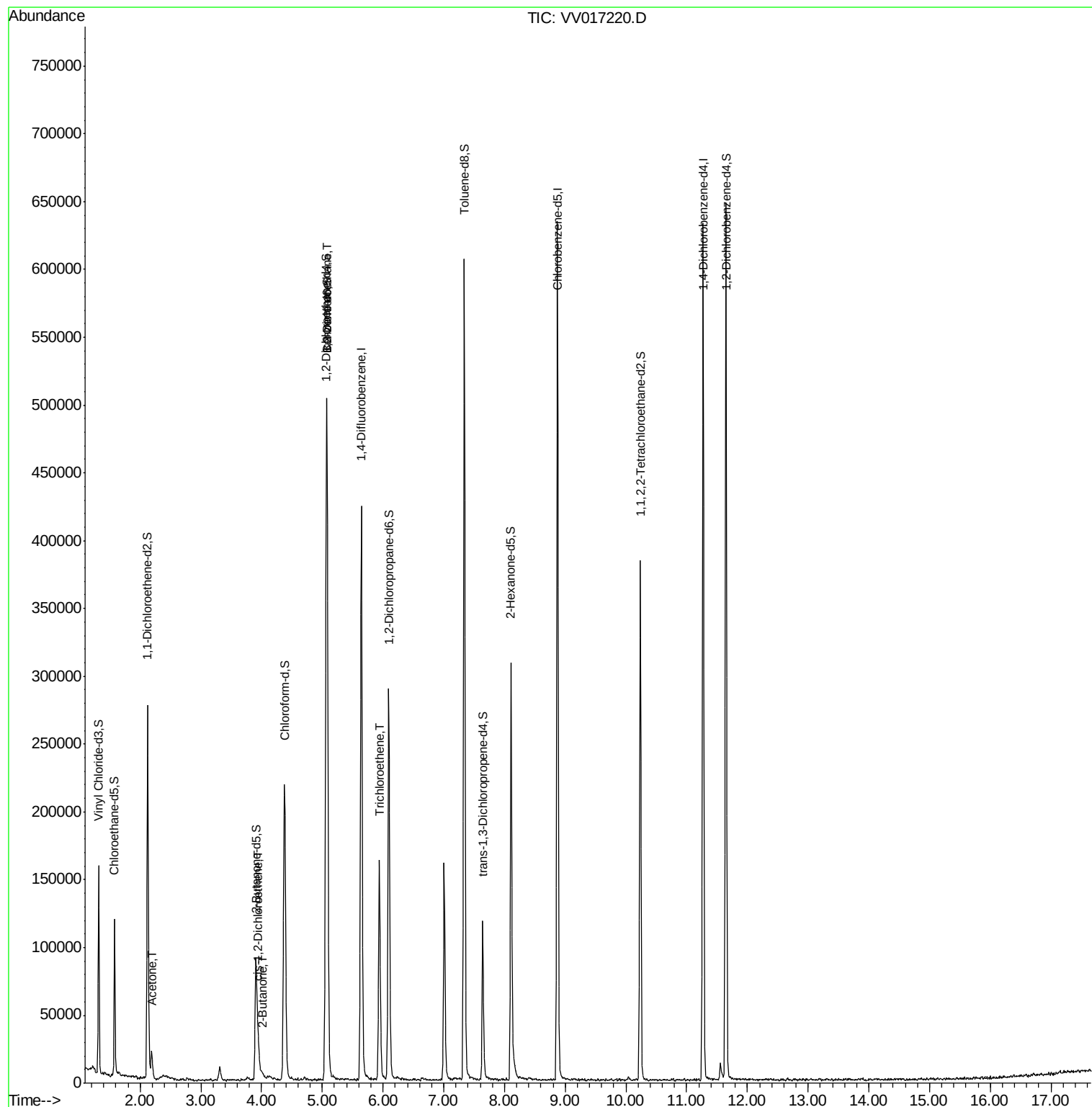
					Ovalue
13) Acetone	2.19	43	25053	21.083	ug/L 100
20) cis-1,2-Dichloroethene	3.95	96	6839	2.684	ug/L 92
22) 2-Butanone	4.02	43	2971	1.621	ug/L 94
27) 1,2-Dichloroethane	5.08	62	3552	0.937	ug/L 98
34) Trichloroethene	5.94	95	52439	20.106	ug/L 99

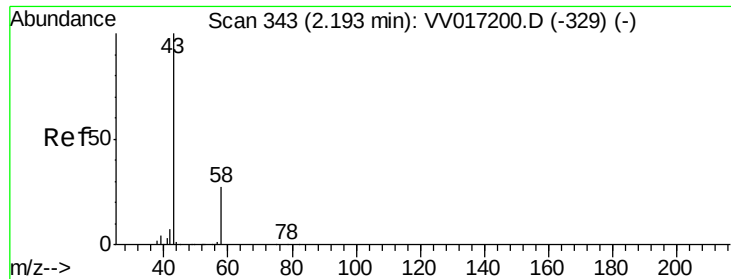
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 21.083 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV017220.D

Acq: 27 Jun 2020 07:21

Instrument :

MSVOA_V

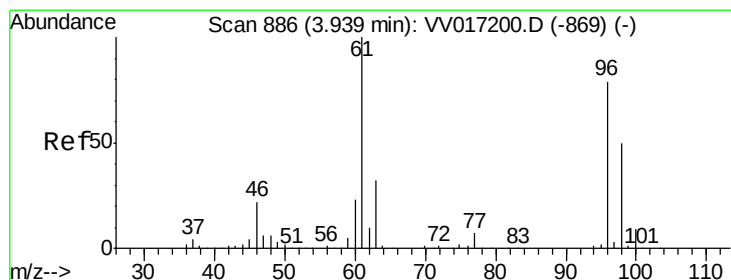
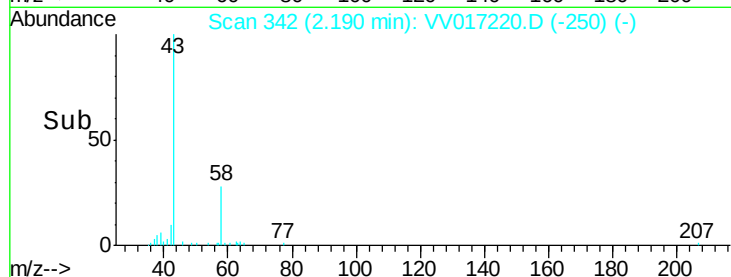
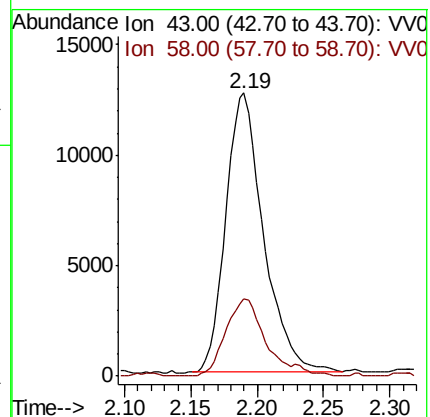
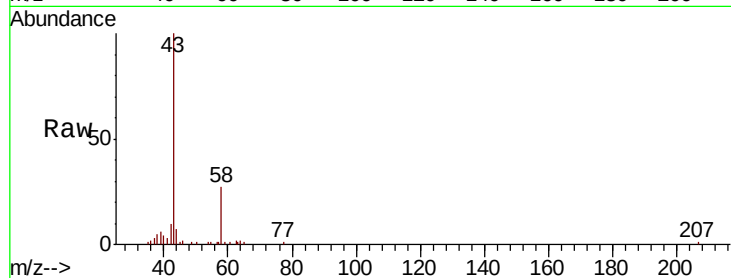
ClientSampleId :

Tot Ion: 43 Resp: 25053

Ion Ratio Lower Upper

43 100

58 27.8 0.0 55.2



#20

cis-1,2-Dichloroethene

Concen: 2.684 ug/L

RT: 3.95 min Scan# 889

Delta R.T. 0.01 min

Lab File: VV017220.D

Acq: 27 Jun 2020 07:21

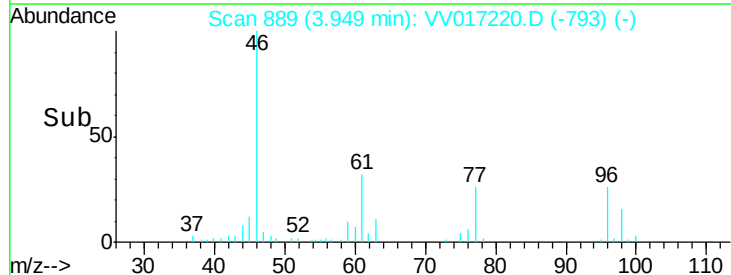
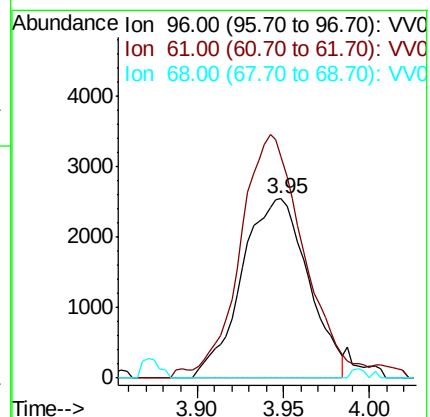
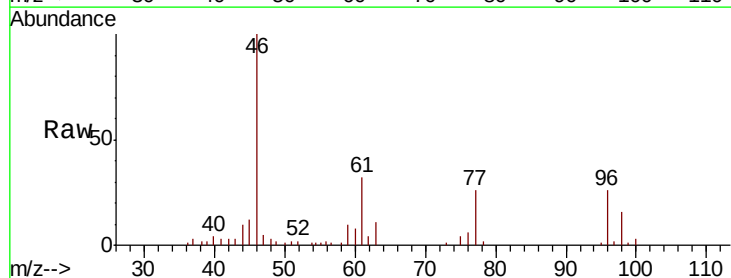
Tgt Ion: 96 Resp: 6839

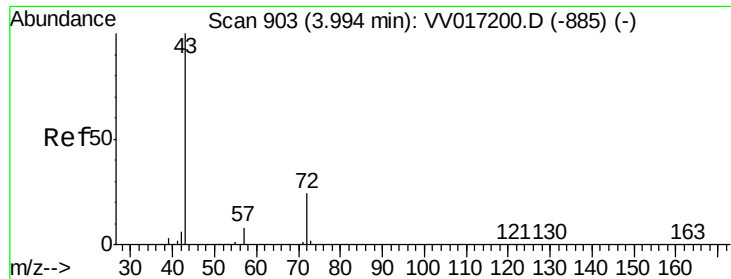
Ion Ratio Lower Upper

96 100

61 124.0 93.4 173.4

68 0.0 0.0 0.0

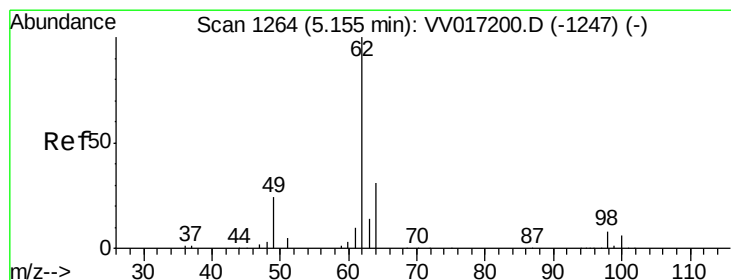
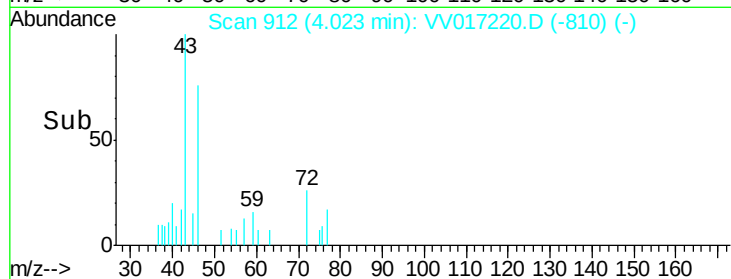
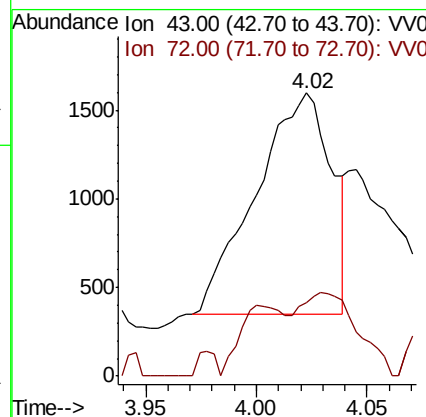
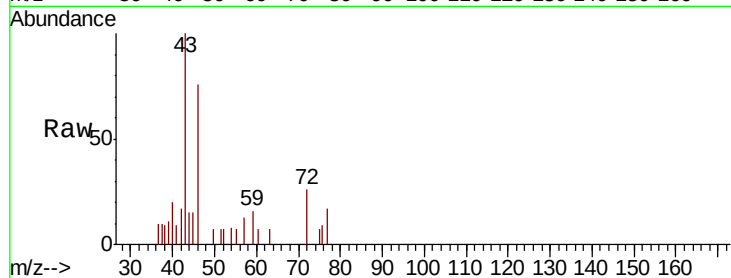




#22
 2-Butanone
 Concen: 1.621 ug/L
 RT: 4.02 min Scan# 912
 Delta R.T. 0.03 min
 Lab File: VV017220.D
 Acq: 27 Jun 2020 07:21

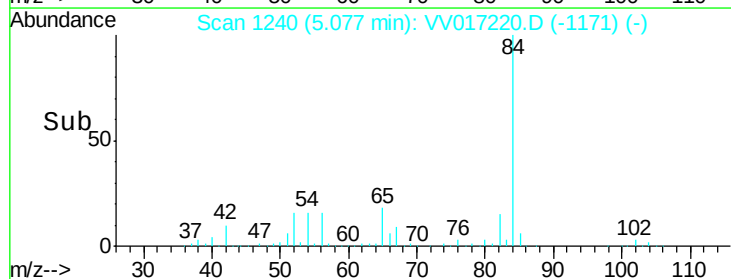
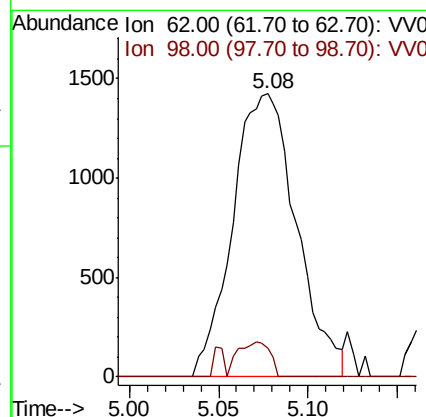
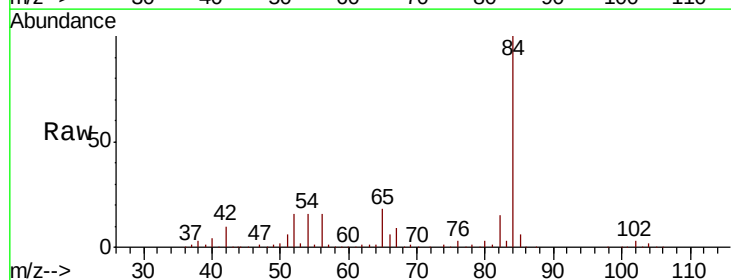
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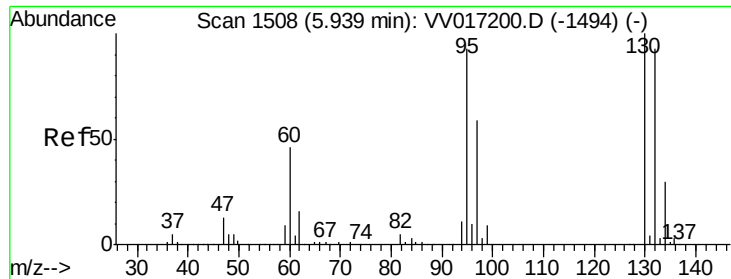
Tot Ion: 43 Resp: 2971
 Ion Ratio Lower Upper
 43 100
 72 28.1 12.4 37.4



#27
 1,2-Dichloroethane
 Concen: 0.937 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV017220.D
 Acq: 27 Jun 2020 07:21

Tgt Ion: 62 Resp: 3552
 Ion Ratio Lower Upper
 62 100
 98 9.9 7.4 11.2





#34

Trichloroethene

Concen: 20.106 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV017220.D

Acq: 27 Jun 2020 07:21

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 52439

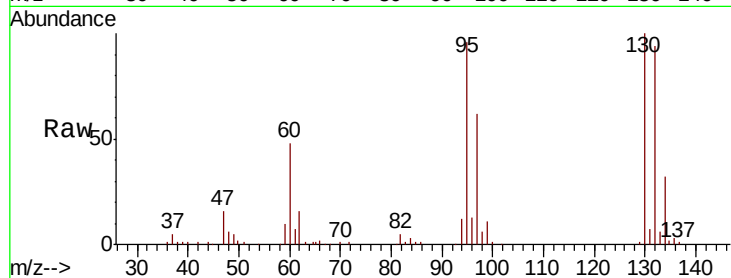
Ion Ratio Lower Upper

95 100

97 64.4 44.3 82.3

132 97.9 67.9 126.1

130 104.1 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

