

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV018006.D
 Acq On : 14 Aug 2020 18:59
 Operator : SY/MD
 Sample : L3665-10DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L71DL

Quant Time: Aug 17 03:36:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	243801	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	241154	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	61698	33.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.34%
7) Chloroethane-d5	1.58	69	57286	37.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.28%
11) 1,1-Dichloroethene-d2	2.12	63	97836	27.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.00%#
21) 2-Butanone-d5	3.90	46	120579	98.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.97%
24) Chloroform-d	4.38	84	143489	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.74%
26) 1,2-Dichloroethane-d4	5.06	65	98327	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
32) Benzene-d6	5.07	84	272496	41.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.09	67	94860	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.32%
41) Toluene-d8	7.34	98	233409	39.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.10%#
43) trans-1,3-Dichloropropene-	7.64	79	39284	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.72%
47) 2-Hexanone-d5	8.11	63	58268	83.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	127886	45.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	110401	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%

Target Compounds

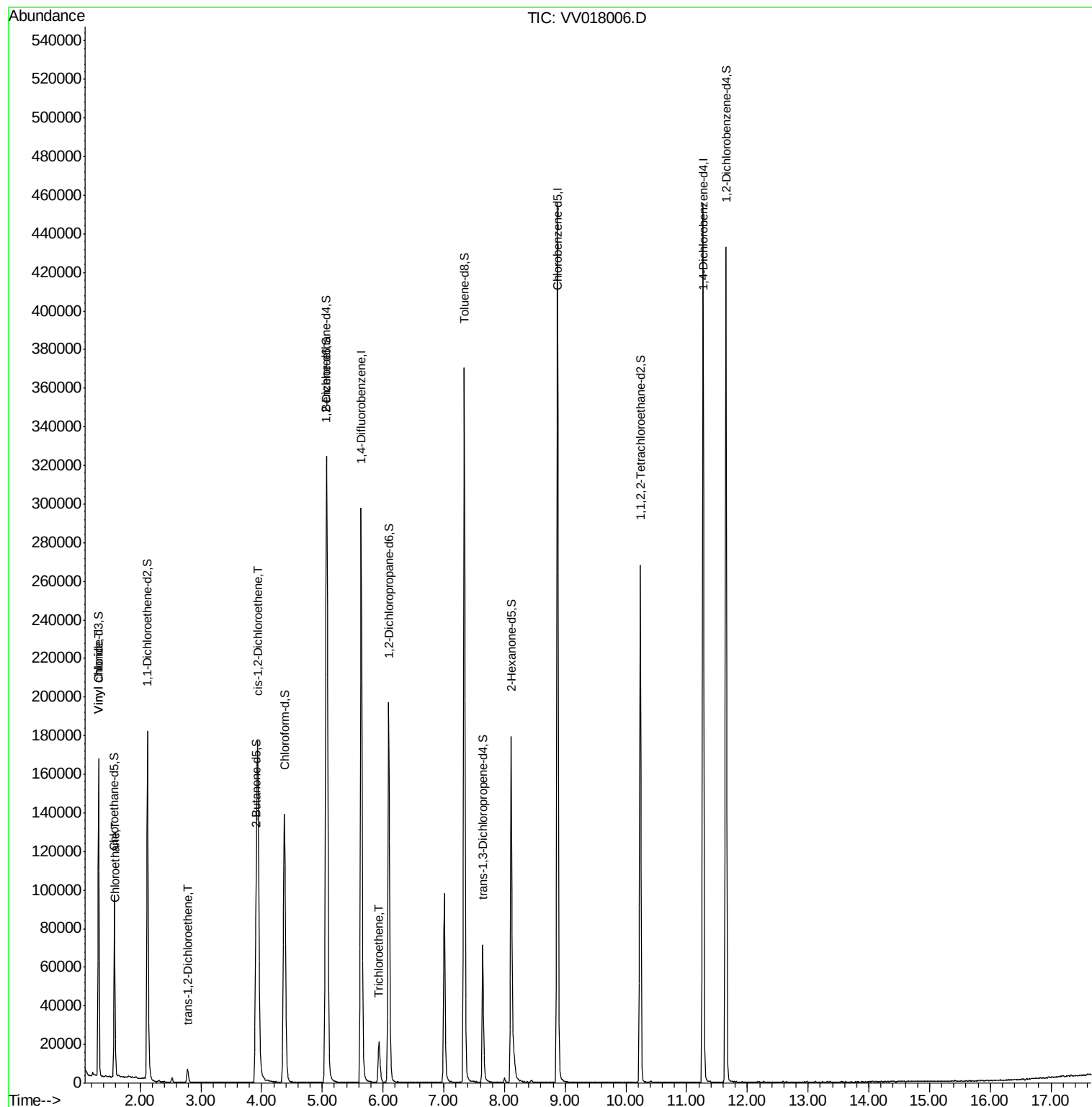
					Ovalue
5) Vinyl chloride	1.32	62	43354	20.013	ug/L 96
8) Chloroethane	1.59	64	4053	2.931	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	2501	1.488	ug/L 92
20) cis-1,2-Dichloroethene	3.94	96	84273	45.618	ug/L 100
34) Trichloroethene	5.94	95	3676	1.864	ug/L 98

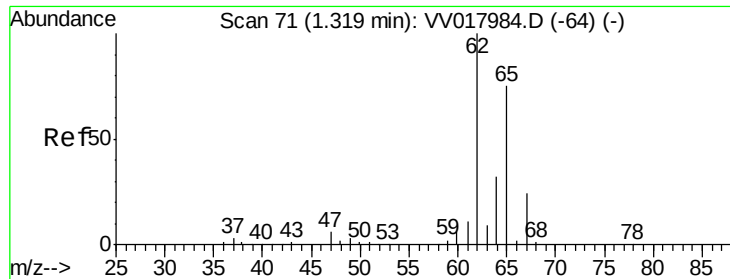
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 20.013 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018006.D

Acq: 14 Aug 2020 18:59

Instrument :

MSVOA_V

ClientSampleId :

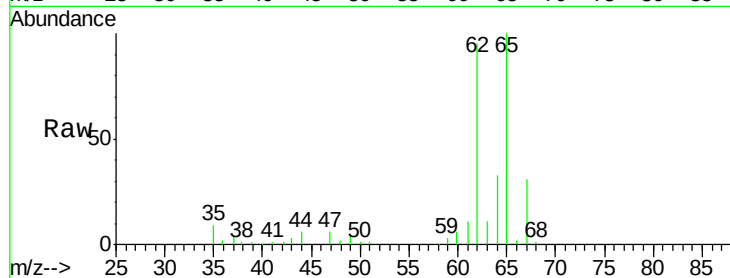
F4L71DL

Tot Ion: 62 Resp: 43354

Ion Ratio Lower Upper

62 100

64 34.2 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

40000

30000

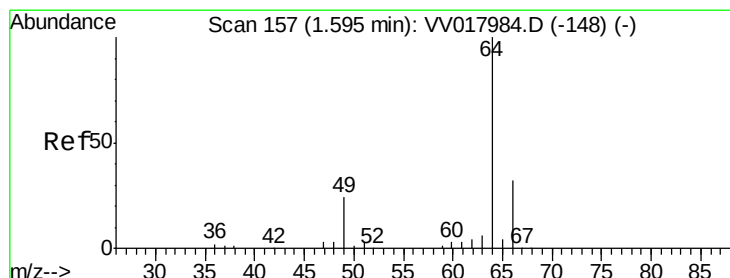
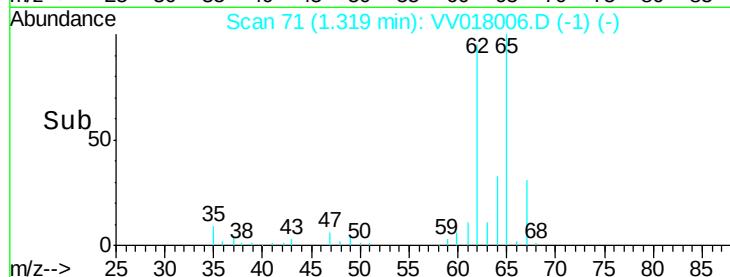
20000

10000

0

Time-->

1.30 1.35



#8

Chloroethane

Concen: 2.931 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV018006.D

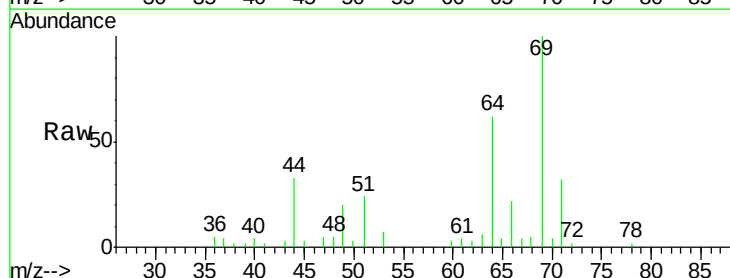
Acq: 14 Aug 2020 18:59

Tgt Ion: 64 Resp: 4053

Ion Ratio Lower Upper

64 100

66 34.9 22.3 41.3



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0

1.59

4000

3000

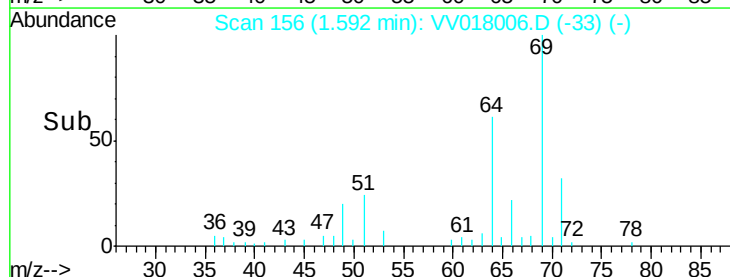
2000

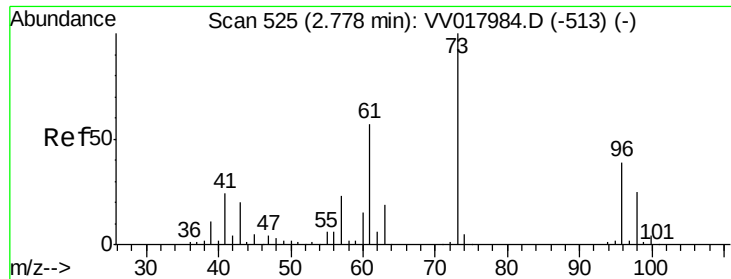
1000

0

Time-->

1.55 1.60





#17

trans-1,2-Dichloroethene

Concen: 1.488 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV018006.D

Acq: 14 Aug 2020 18:59

Instrument :

MSVOA_V

ClientSampled :

F4L71DL

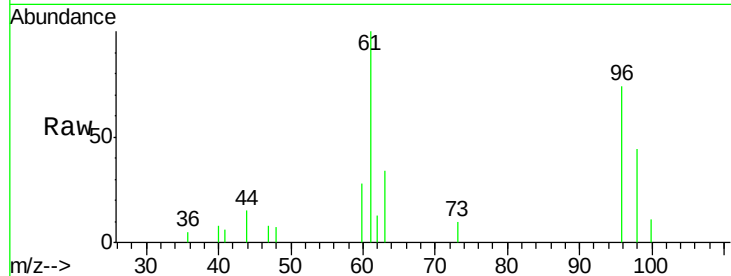
Tot Ion: 96 Resp: 2501

Ion Ratio Lower Upper

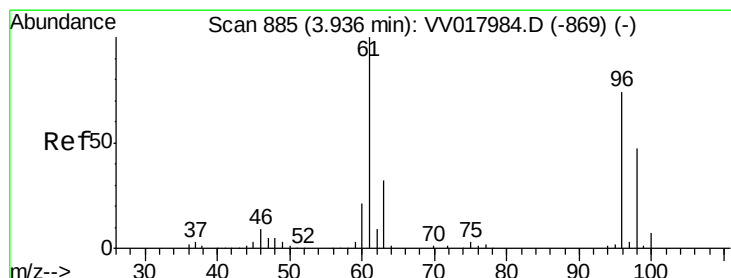
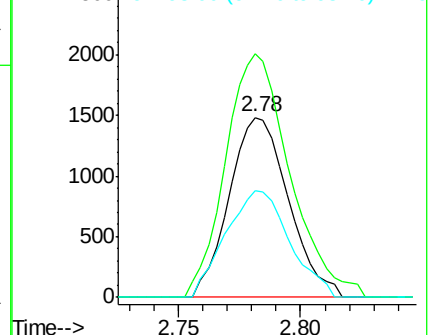
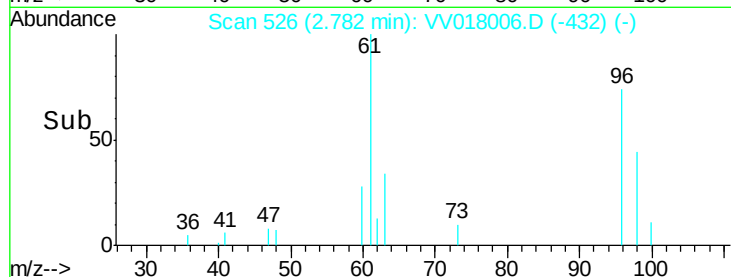
96 100

61 135.2 102.4 190.2

98 59.2 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VV018006.D (-432) (-)



#20

cis-1,2-Dichloroethene

Concen: 45.618 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018006.D

Acq: 14 Aug 2020 18:59

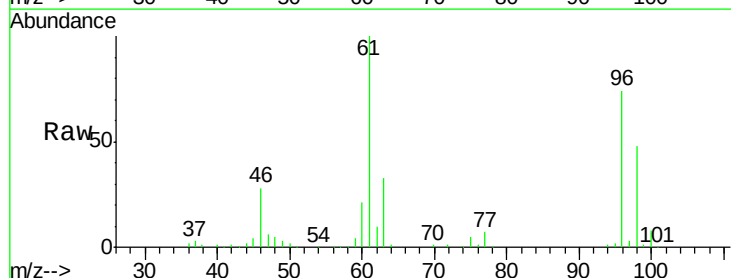
Tgt Ion: 96 Resp: 84273

Ion Ratio Lower Upper

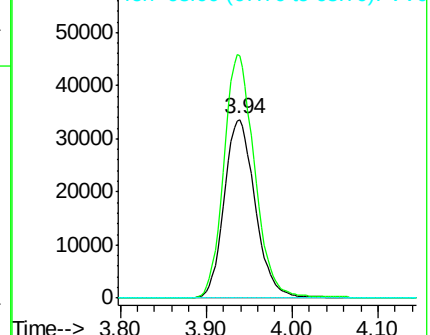
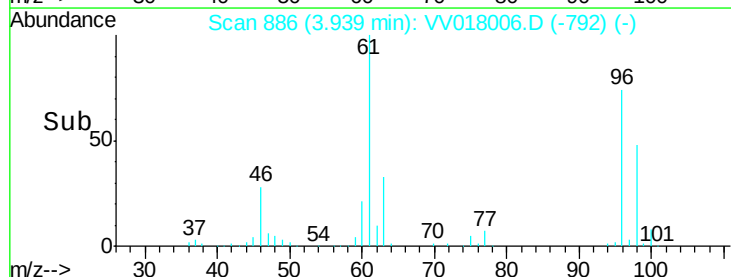
96 100

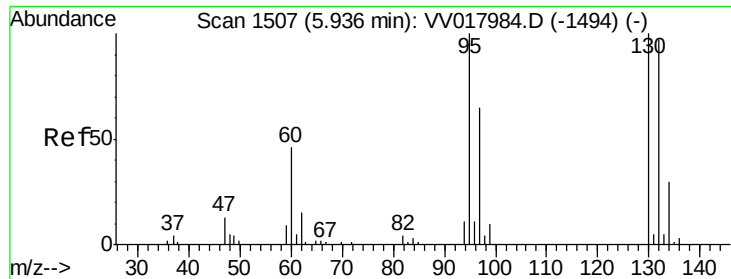
61 135.7 95.0 176.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018006.D (-792) (-)





#34

Trichloroethene

Concen: 1.864 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018006.D

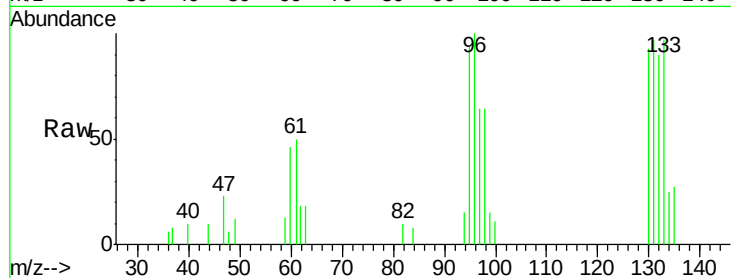
Acq: 14 Aug 2020 18:59

Instrument :

MSVOA_V

ClientSampleId :

F4L71DL



Tot Ion: 95 Resp: 3676

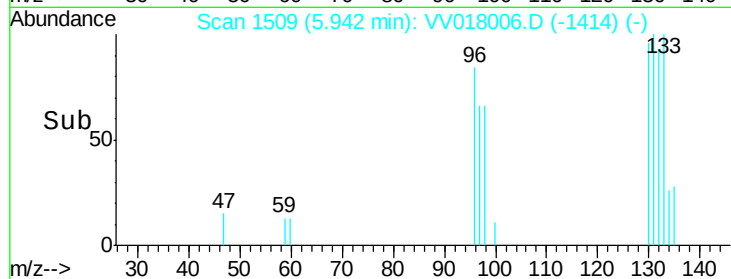
Ion Ratio Lower Upper

95 100

97 68.6 46.0 85.4

132 96.2 65.8 122.2

130 99.2 69.2 128.6



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

