

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112519\
 Data File : VV013768.D
 Acq On : 25 Nov 2019 16:10
 Operator : SY/MD
 Sample : K6003-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE1

Quant Time: Nov 26 06:58:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 04:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	351247	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	346791	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	165491	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95801	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	91840	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	155795	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	3.92	46	265857	58.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.66%
24) Chloroform-d	4.40	84	203225	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	111953	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.10	84	414496	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.11	67	132429	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	351361	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.66	79	46614	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.13	63	192949	50.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	104586	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	156791	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

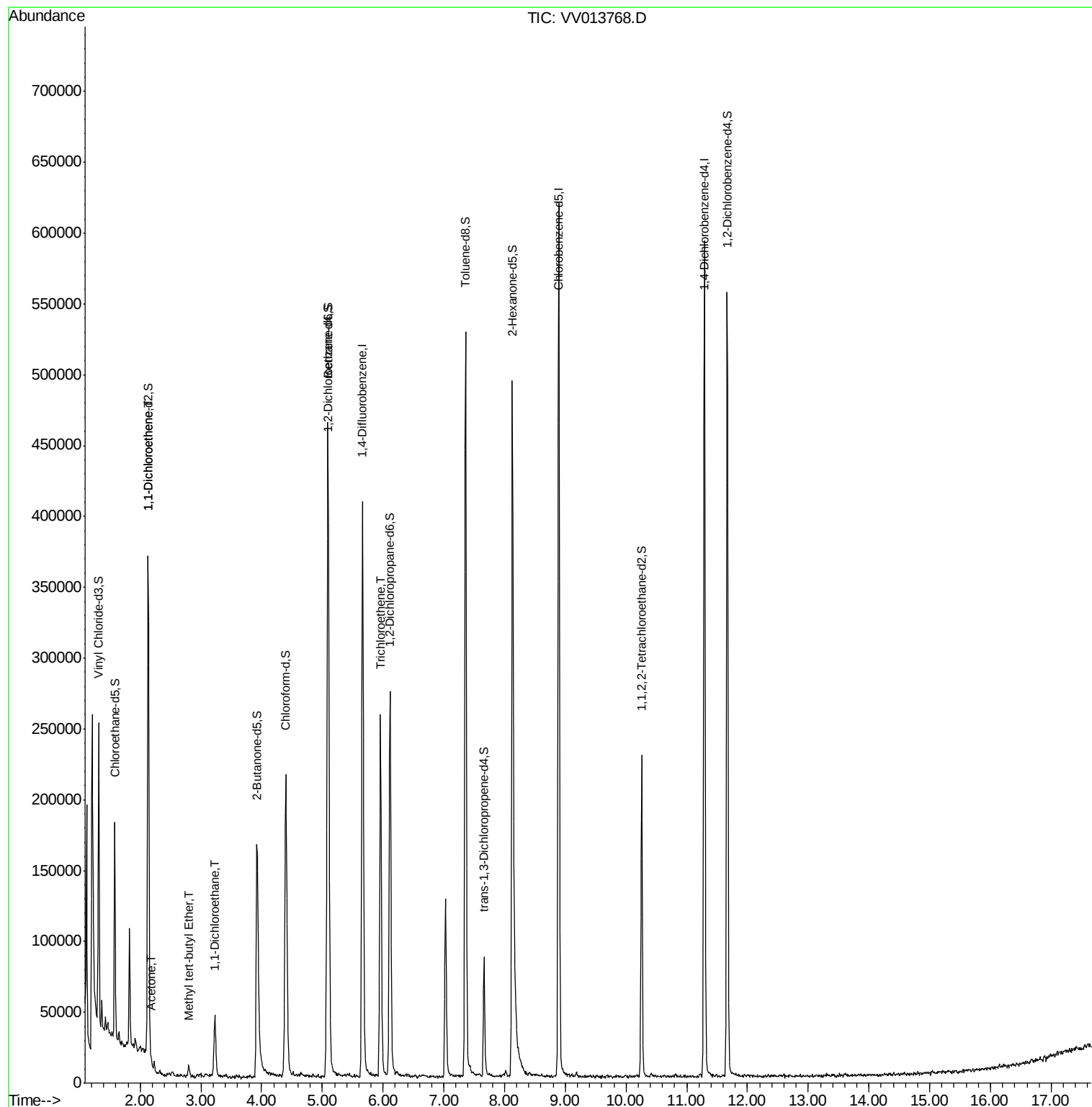
					Ovalue
12) 1,1-Dichloroethene	2.14	96	42338	2.507 ug/L #	78
13) Acetone	2.19	43	3813	1.206 ug/L #	35
17) Methyl tert-butyl Ether	2.80	73	5595	0.121 ug/L #	77
19) 1,1-Dichloroethane	3.23	63	44683	1.174 ug/L	98
34) Trichloroethene	5.96	95	87042	3.709 ug/L	97

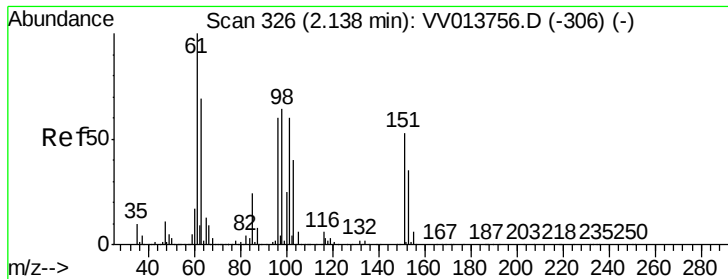
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.507 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV013768.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_V

ClientSampleId :

B0AE1

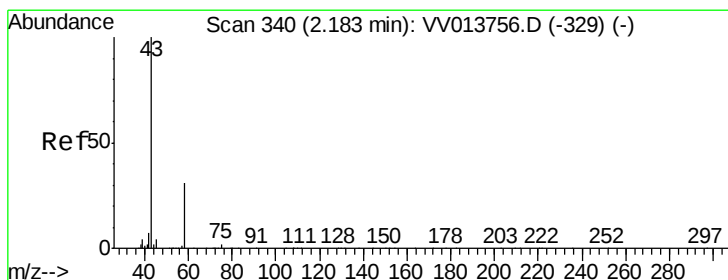
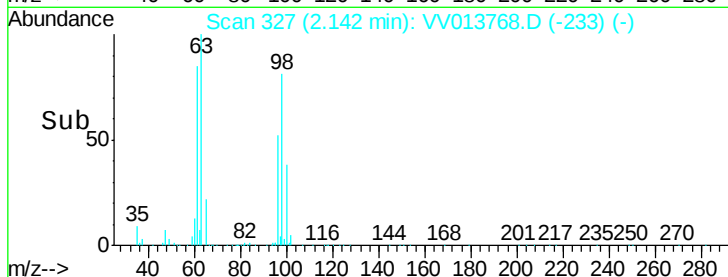
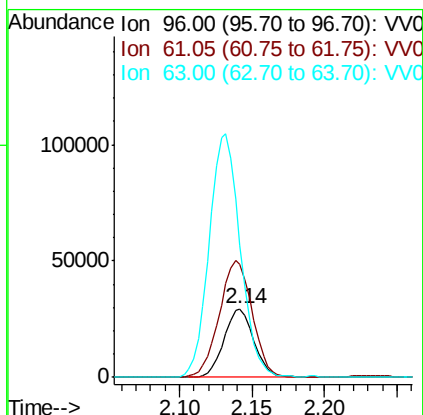
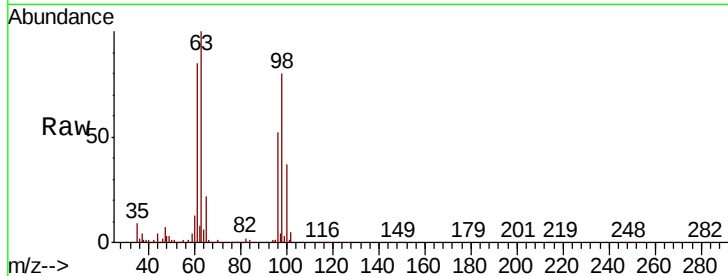
Tot Ion: 96 Resp: 42338

Ion Ratio Lower Upper

96 100

61 163.6 116.3 215.9

63 192.9 96.7 179.7#



#13

Acetone

Concen: 1.206 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV013768.D

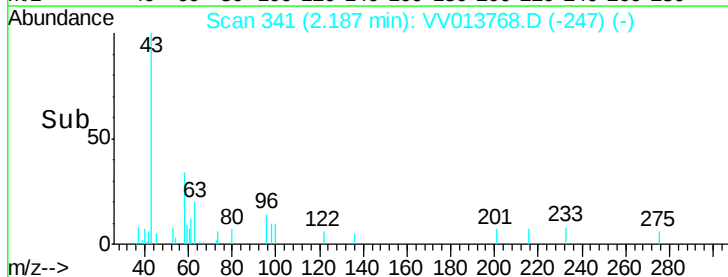
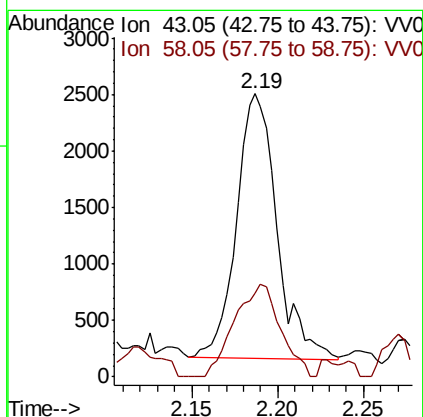
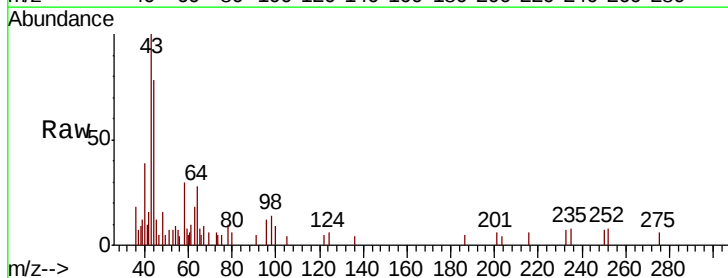
Acq: 25 Nov 2019 16:10

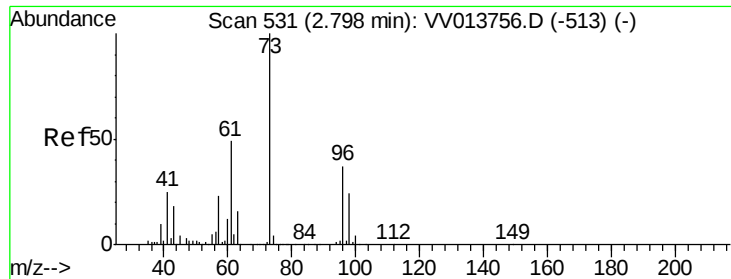
Tgt Ion: 43 Resp: 3813

Ion Ratio Lower Upper

43 100

58 39.9 0.0 27.2#

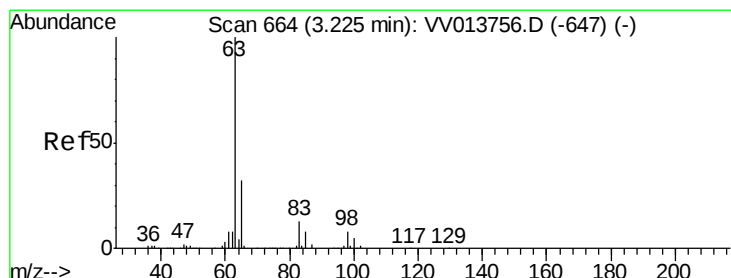
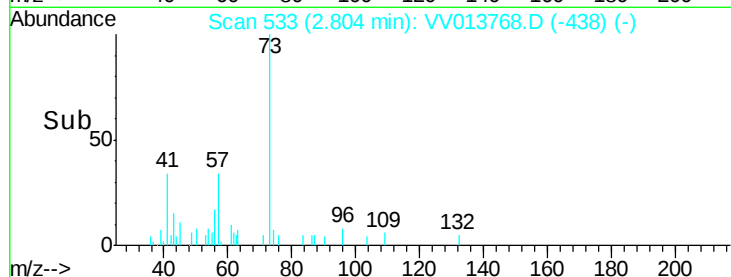
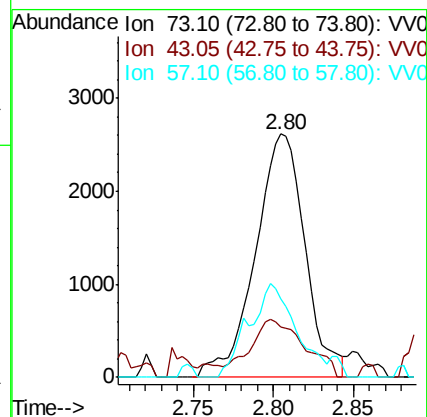
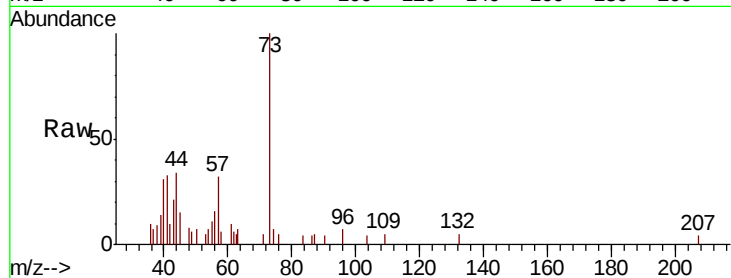




#17
Methvl tert-butvl Ether
Concen: 0.121 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.01 min
Lab File: VV013768.D
Acq: 25 Nov 2019 16:10

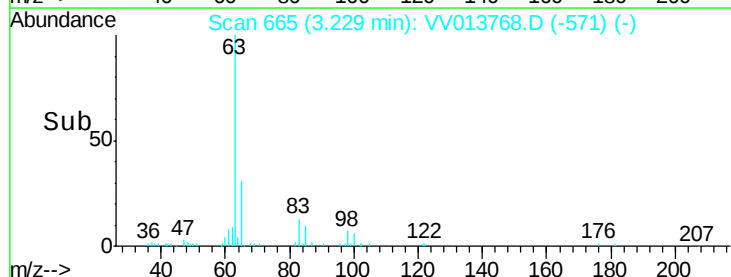
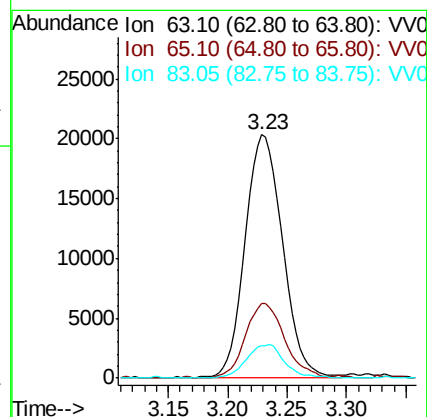
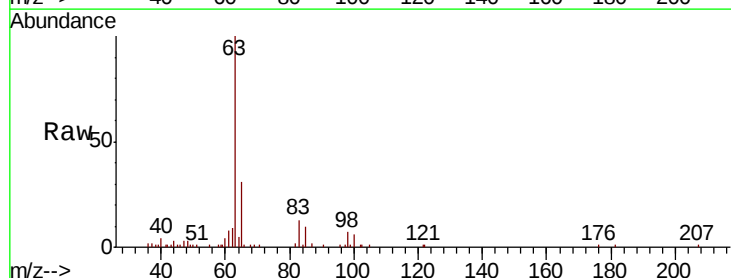
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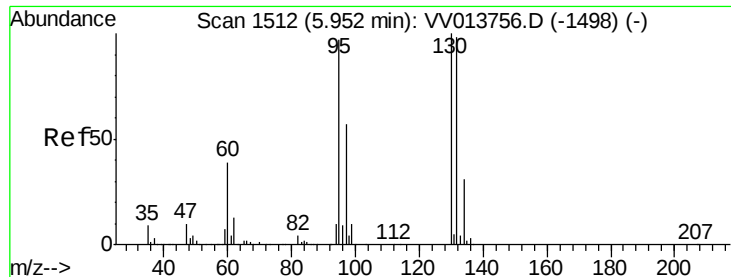
Tot Ion: 73 Resp: 5595
Ion Ratio Lower Upper
73 100
43 26.1 15.5 23.3#
57 36.6 17.5 26.3#



#19
1,1-Dichloroethane
Concen: 1.174 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013768.D
Acq: 25 Nov 2019 16:10

Tgt Ion: 63 Resp: 44683
Ion Ratio Lower Upper
63 100
65 30.7 22.7 42.1
83 13.1 9.2 17.2





#34

Trichloroethene

Concen: 3.709 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VV013768.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA_V

ClientSampleId :

B0AE1

Tot Ion: 95 Resp: 87042

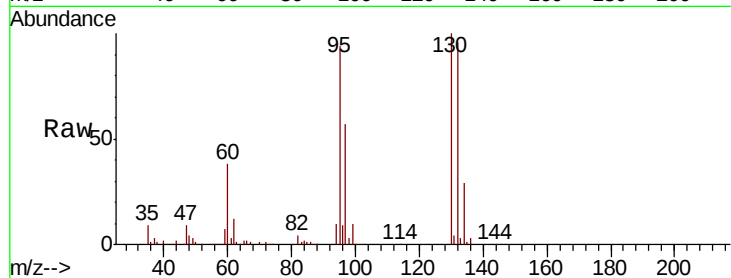
Ion Ratio Lower Upper

95 100

97 60.9 45.6 84.8

132 102.9 70.5 130.9

130 106.6 75.9 140.9



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

