

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052618\
 Data File : VV006055.D
 Acq On : 26 May 2018 15:00
 Operator : SY/MD
 Sample : J3090-06 100X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 28 02:30:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 02:03:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	168537	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157163	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64757	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56870	48.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.64%
7) Chloroethane-d5	1.55	69	14407	17.31	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.62%#
11) 1,1-Dichloroethene-d2	2.12	63	80257	36.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.26%
21) 2-Butanone-d5	3.95	46	57123	84.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.73%
24) Chloroform-d	4.40	84	106464	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.09	65	72368	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.94%
32) Benzene-d6	5.10	84	209348	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
36) 1,2-Dichloropropane-d6	6.12	67	67278	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.42%
41) Toluene-d8	7.36	98	185471	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%
43) trans-1,3-Dichloropropene-	7.67	79	28460	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.14%
47) 2-Hexanone-d5	8.14	63	55316	106.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.07%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	93121	51.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	70108	54.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.86%

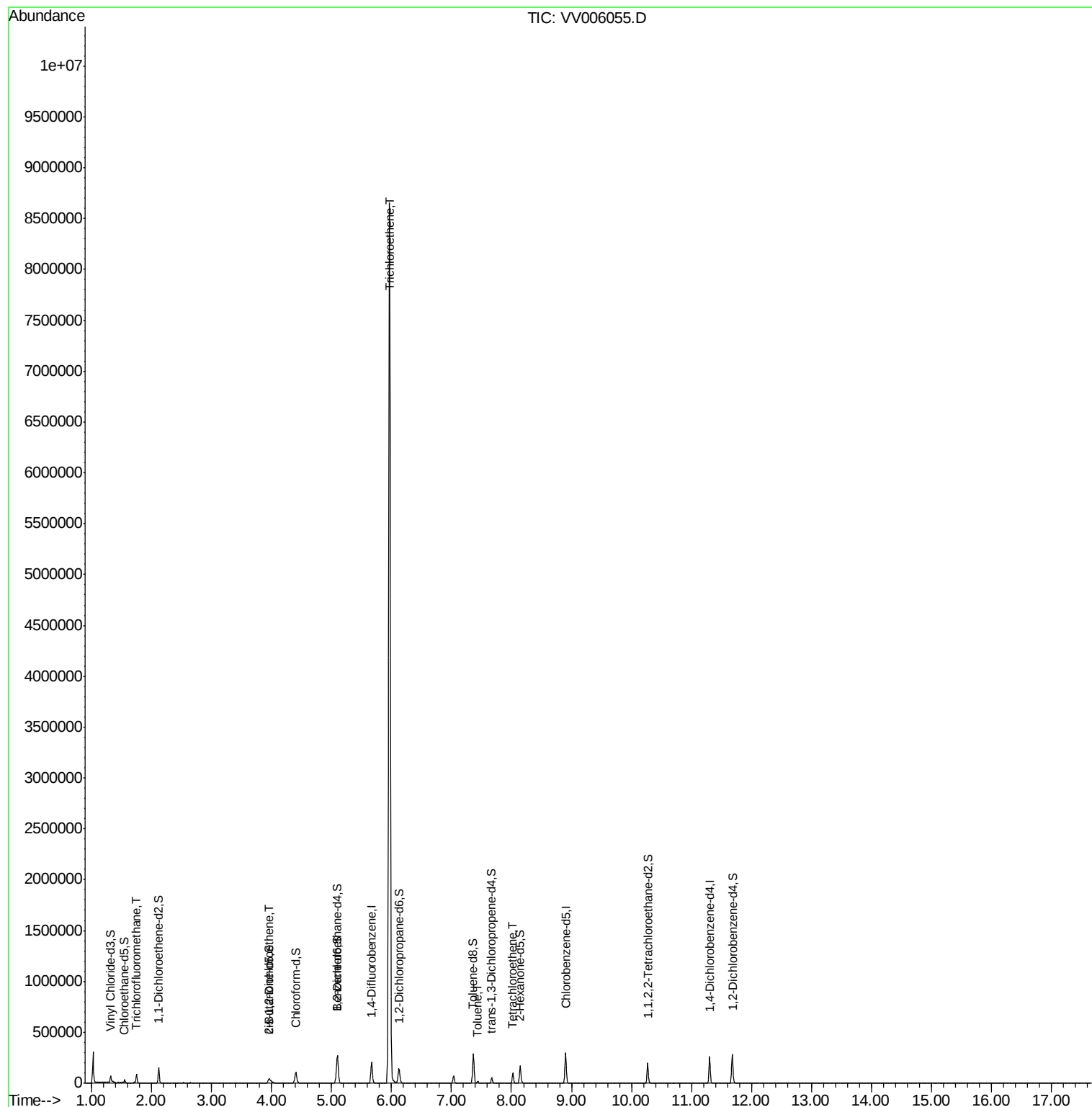
Target Compounds

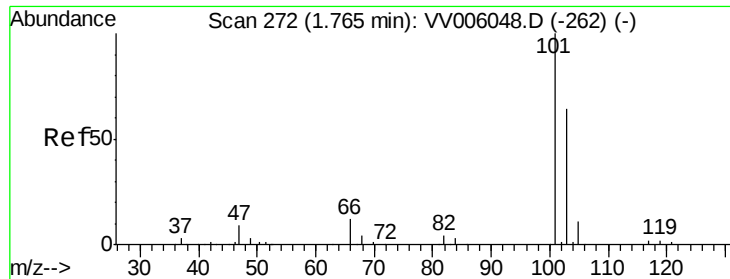
						Ovalue
9) Trichlorofluoromethane	1.75	101	46405	23.23	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	3106	2.32	ug/L	90
34) Trichloroethene	5.97	95	3041153	2399.16	ug/L	97
42) Toluene	7.44	91	11090	2.16	ug/L	95
46) Tetrachloroethene	8.03	164	20352	21.36	ug/L	97

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

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#9

Trichlorofluoromethane

Concen: 23.23 ug/L

RT: 1.75 min Scan# 267

Delta R.T. -0.02 min

Lab File: VV006055.D

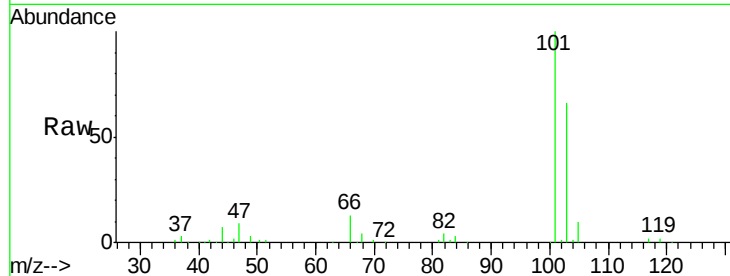
Acq: 26 May 2018 15:00

Tot Ion:101 Resp: 46405

Ion Ratio Lower Upper

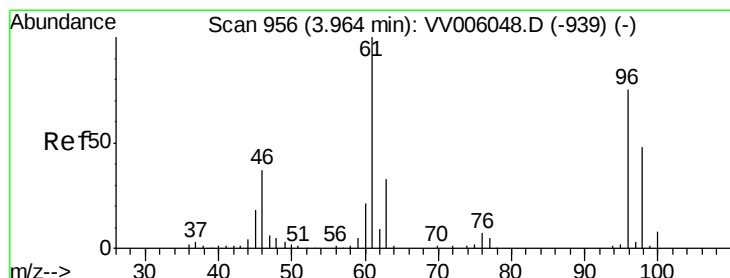
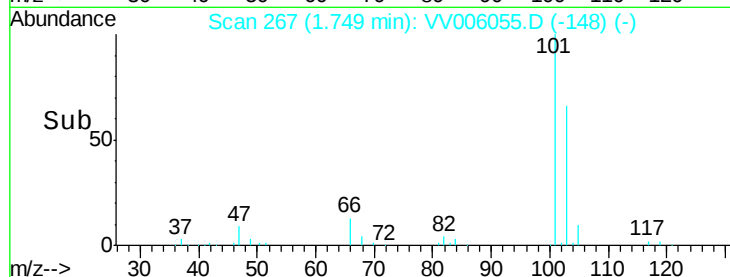
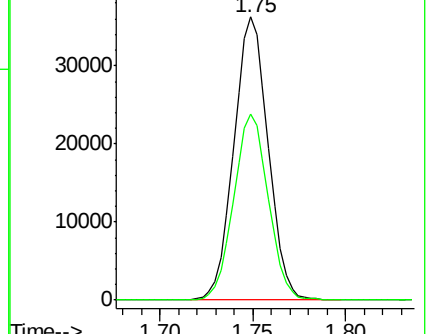
101 100

103 66.4 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#20

cis-1,2-Dichloroethene

Concen: 2.32 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006055.D

Acq: 26 May 2018 15:00

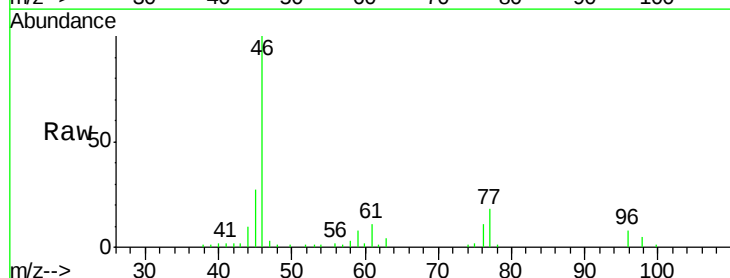
Tgt Ion: 96 Resp: 3106

Ion Ratio Lower Upper

96 100

61 140.0 89.9 167.0

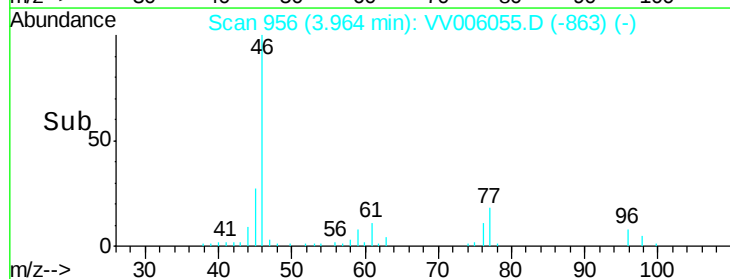
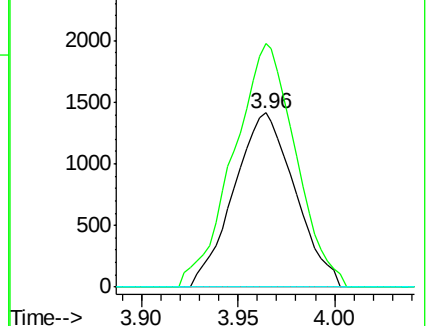
68 0.0 0.0 0.0

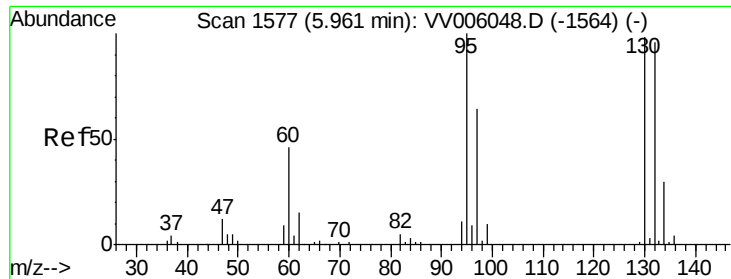


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

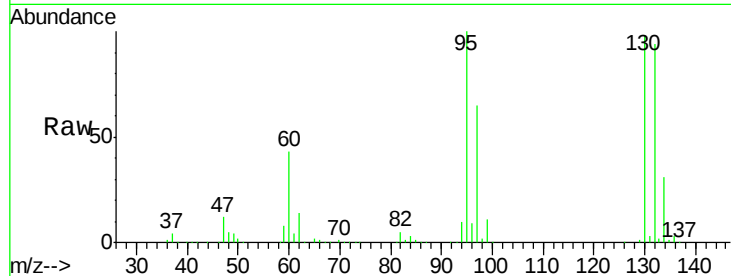
Ion 68.00 (67.70 to 68.70): VV0



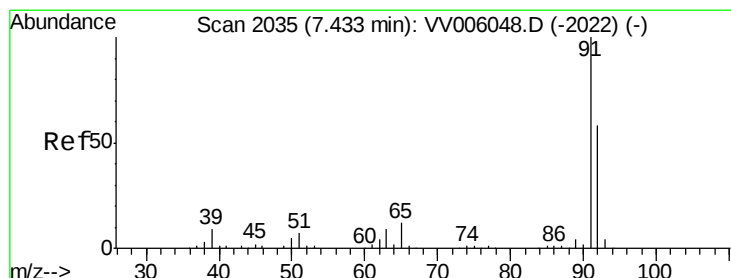
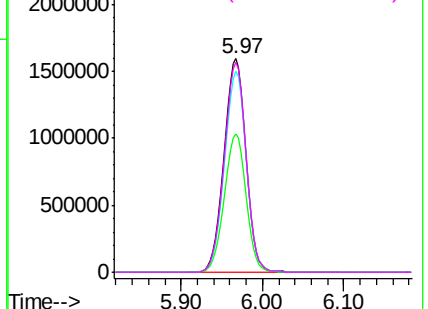
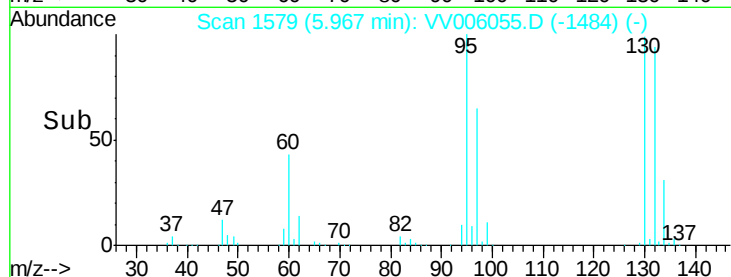


#34
 Trichloroethene
 Concen: 2399.16 ug/L
 RT: 5.97 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VV006055.D
 Acq: 26 May 2018 15:00

Tot Ion: 95 Resp: 3041153
 Ion Ratio Lower Upper
 95 100
 97 65.0 44.0 81.6
 132 94.3 65.0 120.6
 130 98.4 66.6 123.8

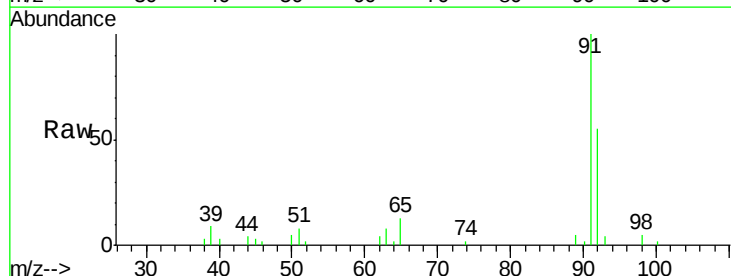


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

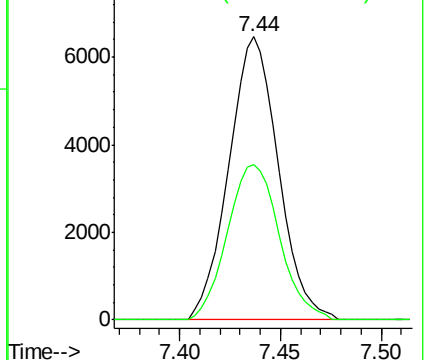
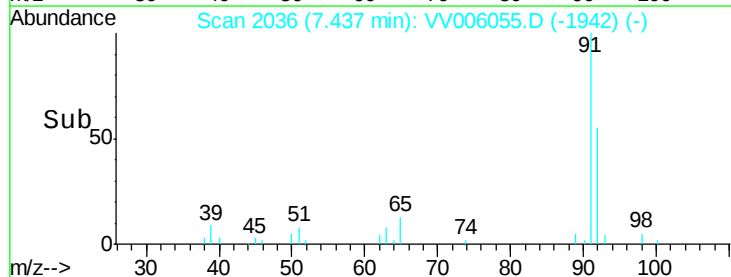


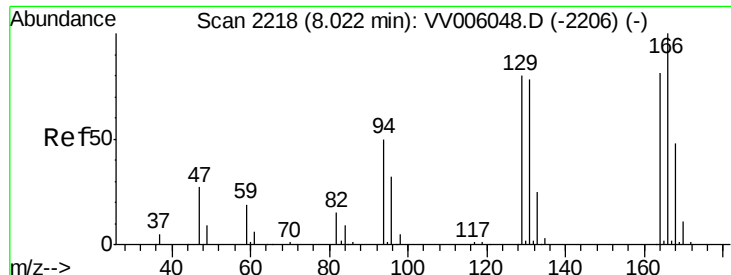
#42
 Toluene
 Concen: 2.16 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV006055.D
 Acq: 26 May 2018 15:00

Tgt Ion: 91 Resp: 11090
 Ion Ratio Lower Upper
 91 100
 92 54.7 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0





#46

Tetrachloroethene

Concen: 21.36 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV006055.D

Acq: 26 May 2018 15:00

Tot Ion:164 Resp: 20352

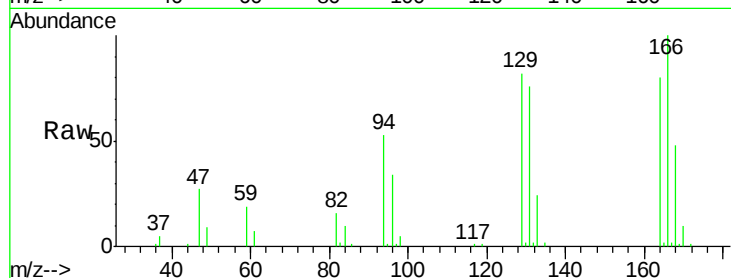
Ion Ratio Lower Upper

164 100

129 102.8 72.2 134.2

131 95.5 70.0 130.0

166 125.7 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

