

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017306.D
 Acq On : 02 Jul 2020 13:25
 Operator : SY/MD
 Sample : L3154-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4268

Quant Time: Jul 03 04:52:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 01:13:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162665	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157117	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71948	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41886	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	37585	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	67311	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.92	46	126845	50.98	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.96%
24) Chloroform-d	4.38	84	107049	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.06	65	60109	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.08	84	188038	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.10	67	56887	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.34	98	161423	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
45) trans-1,3-Dichloropropene-	7.64	79	21419	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
48) 2-Hexanone-d5	8.11	63	79201	40.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.80%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40515	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	67375	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

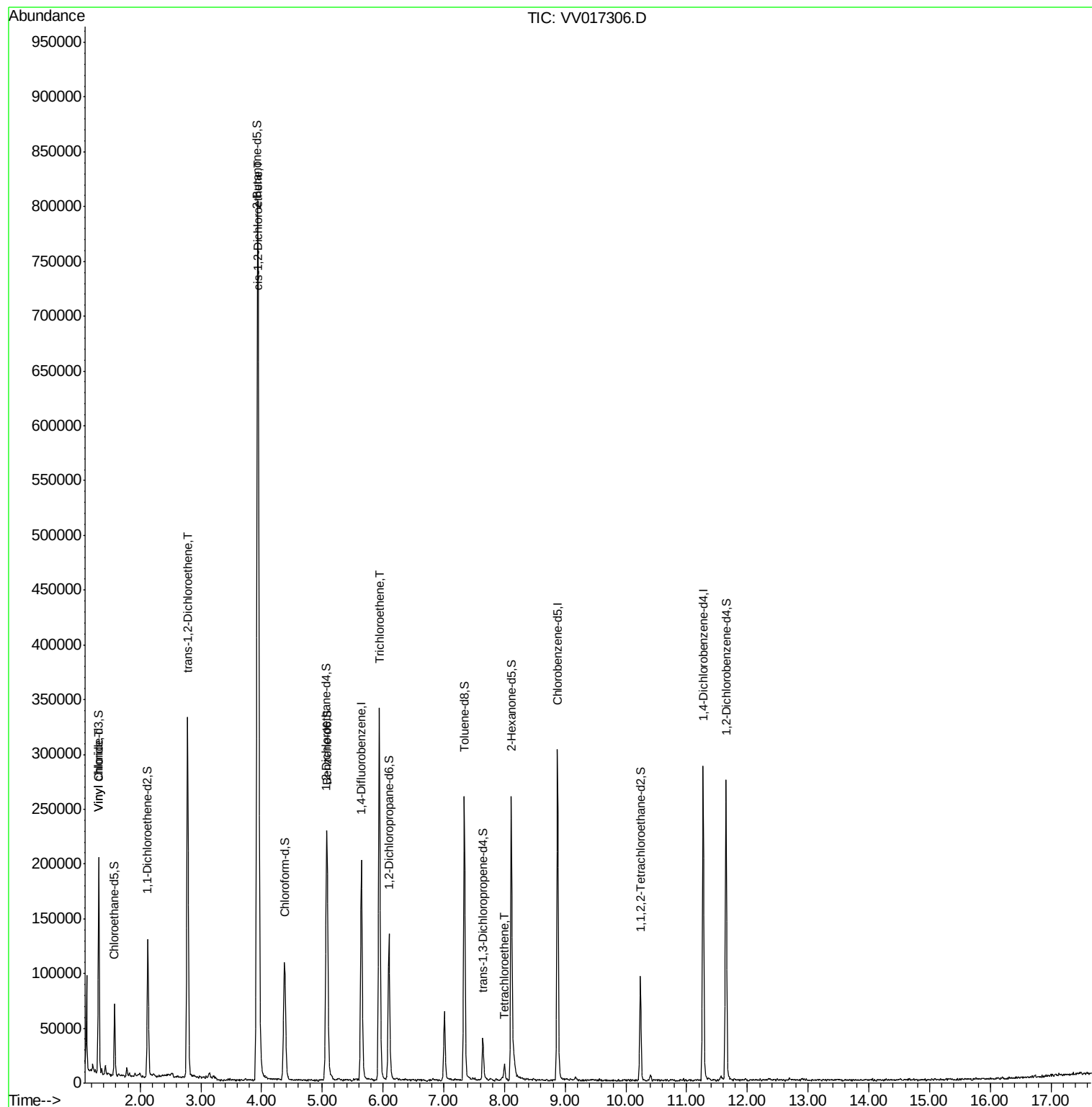
					Ovalue
5) Vinyl chloride	1.32	62	72175	6.762	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	115336	13.942	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	412081	36.426	ug/L 99
34) Trichloroethene	5.94	95	112846	9.366	ug/L 96
49) Tetrachloroethene	8.00	164	3207	0.331	ug/L 87

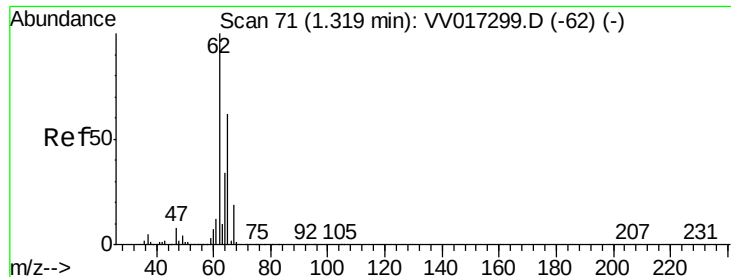
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.762 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017306.D

Acq: 02 Jul 2020 13:25

Instrument :

MSVOA_V

ClientSampled :

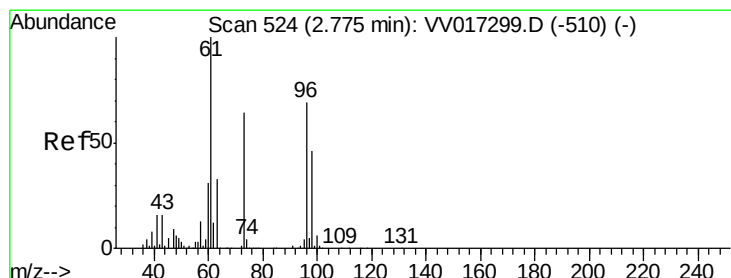
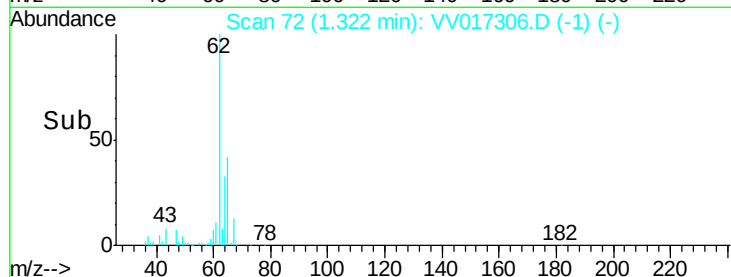
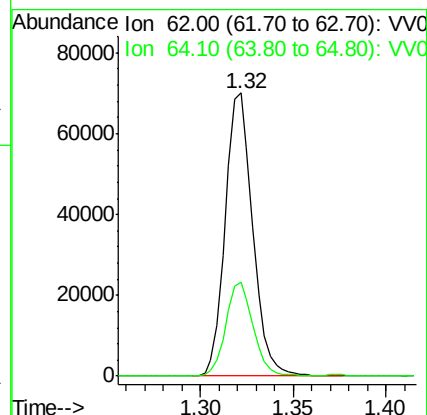
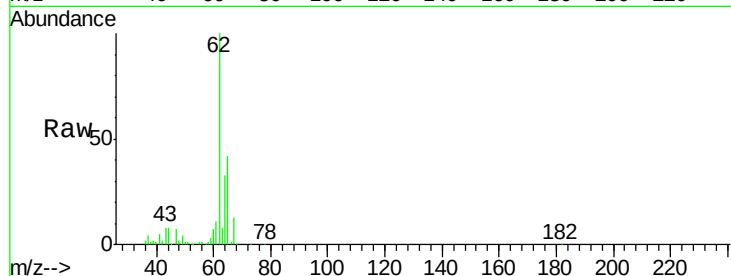
H4268

Tot Ion: 62 Resp: 72175

Ion Ratio Lower Upper

62 100

64 33.3 22.5 41.7



#18

trans-1,2-Dichloroethene

Concen: 13.942 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017306.D

Acq: 02 Jul 2020 13:25

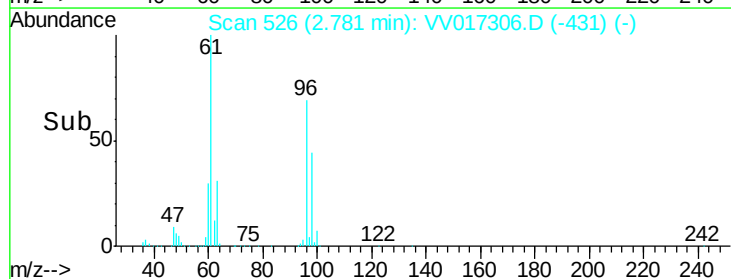
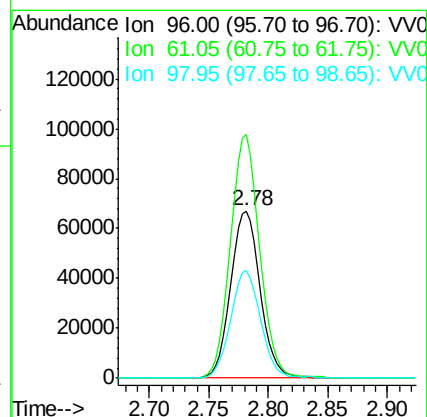
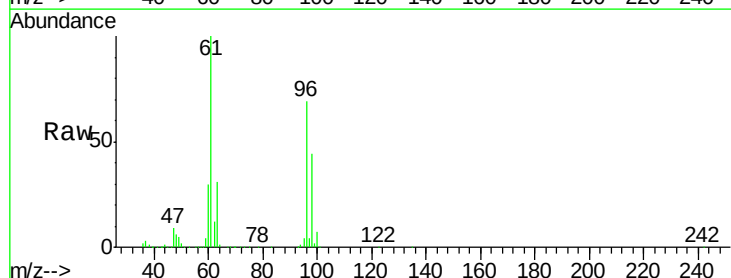
Tgt Ion: 96 Resp: 115336

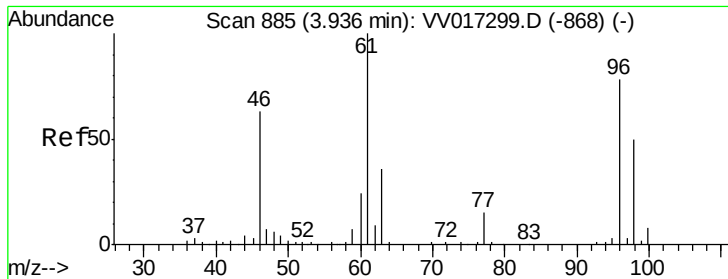
Ion Ratio Lower Upper

96 100

61 145.4 102.3 189.9

98 64.3 44.7 82.9



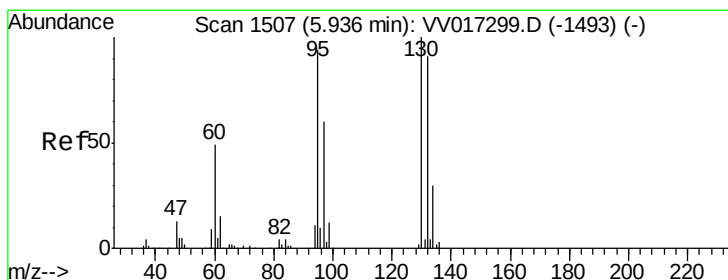
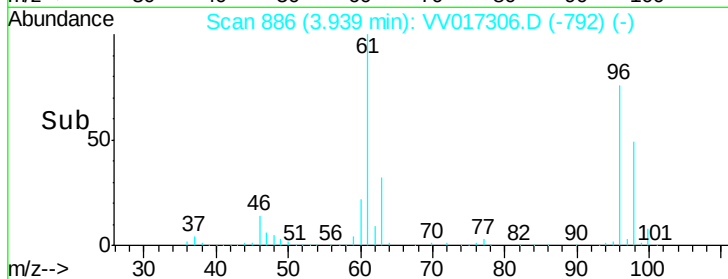
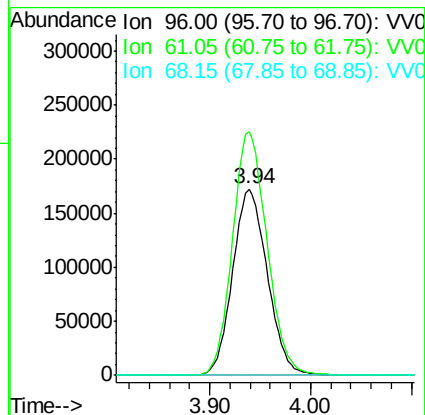
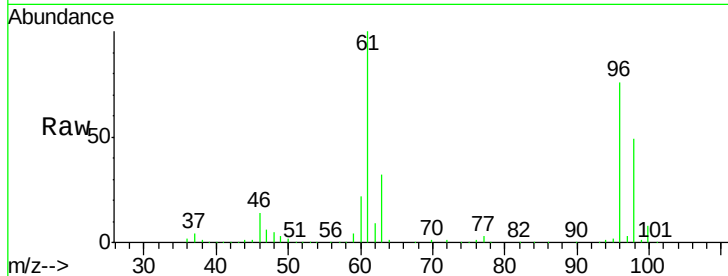


#22

cis-1,2-Dichloroethene
Concen: 36.426 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017306.D
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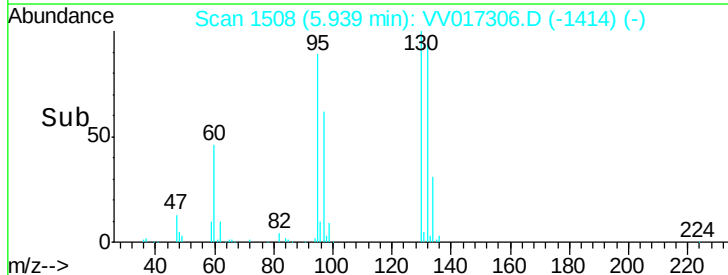
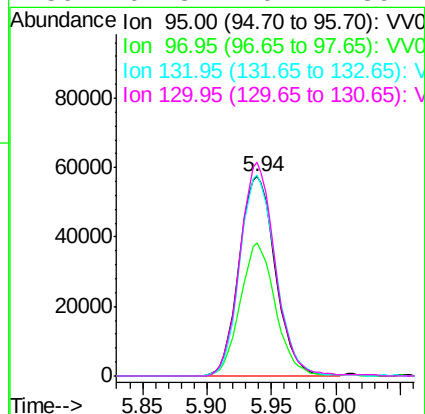
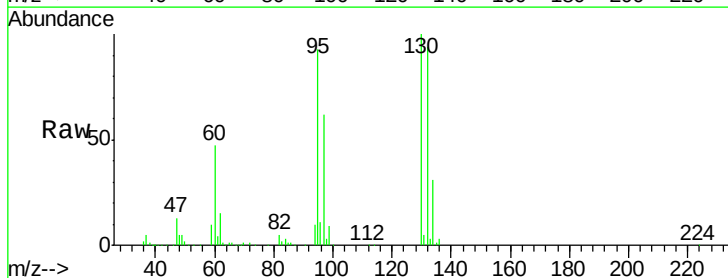
Tot Ion: 96 Resp: 412081
Ion Ratio Lower Upper
96 100
61 130.9 91.0 169.0
68 0.0 0.0 0.0

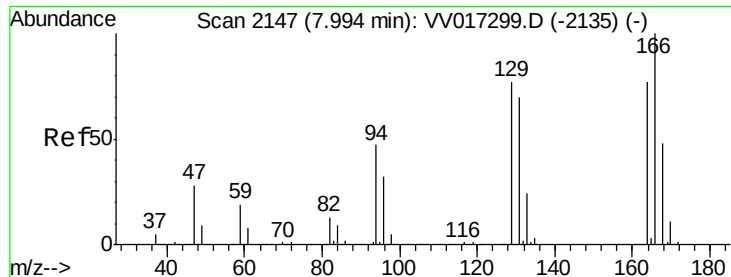


#34

Trichloroethene
Concen: 9.366 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017306.D
Acq: 02 Jul 2020 13:25

Tgt Ion: 95 Resp: 112846
Ion Ratio Lower Upper
95 100
97 66.7 45.3 84.1
132 101.3 68.8 127.8
130 107.3 70.2 130.4





#49

Tetrachloroethene

Concen: 0.331 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017306.D

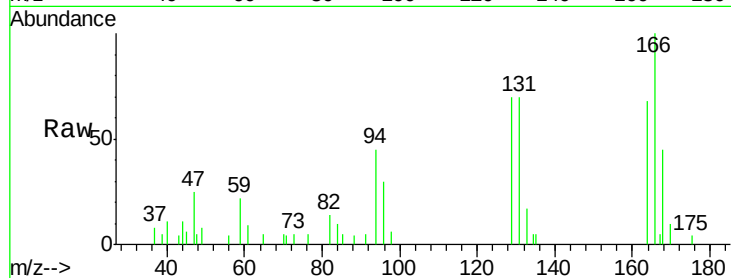
Acq: 02 Jul 2020 13:25

Instrument :

MSVOA_V

ClientSampleId :

H4268



Tot Ion:164 Resp: 3207

Ion Ratio Lower Upper

164 100

129 103.3 65.2 121.0

131 103.6 64.1 119.1

166 147.3 90.2 167.4

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

