

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015996.D
 Acq On : 11 May 2020 18:07
 Operator : SY/MD
 Sample : L2541-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Y9

Quant Time: May 12 03:25:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140411	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138965	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	62899	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32591	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.58	69	33003	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.12	63	54026	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.96	46	113791	52.37	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	4.38	84	77783	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.06	65	48394	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.08	84	160402	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.10	67	50385	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.34	98	141304	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	13943	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
48) 2-Hexanone-d5	8.12	63	81156	46.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.28%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35559	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	52643	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

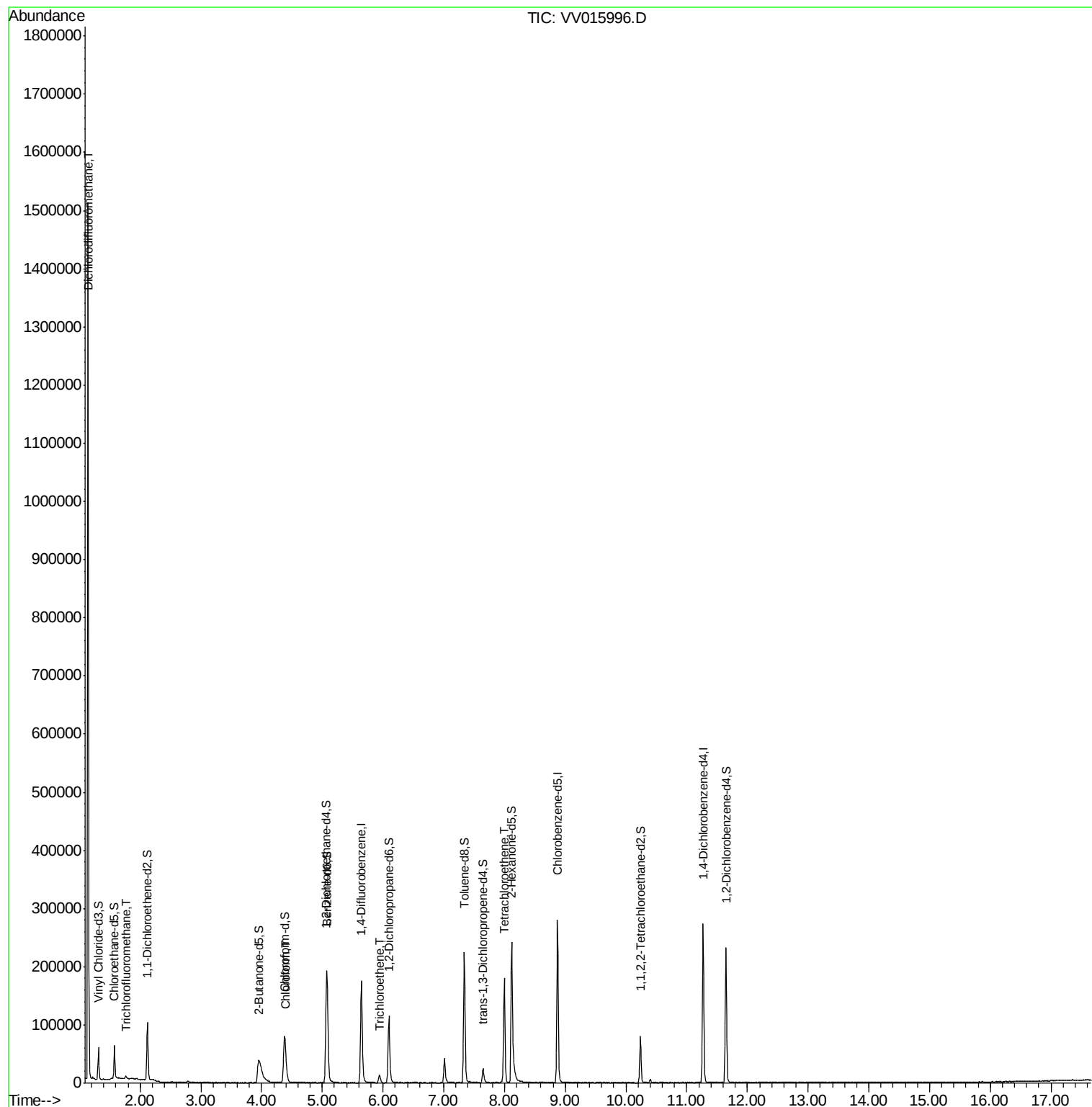
					Ovalue
2) Dichlorodifluoromethane	1.14	85	15349	1.427 ug/L	99
9) Trichlorofluoromethane	1.76	101	2076	0.145 ug/L	89
25) Chloroform	4.41	83	15636	0.863 ug/L	97
34) Trichloroethene	5.94	95	3999	0.401 ug/L	90
49) Tetrachloroethene	8.00	164	36929	5.304 ug/L	98

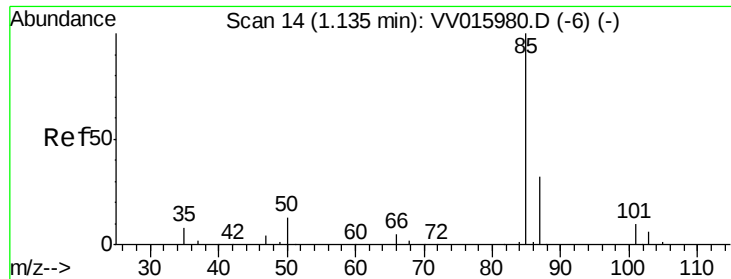
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.427 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV015996.D

Acq: 11 May 2020 18:07

Instrument :

MSVOA_V

ClientSampled :

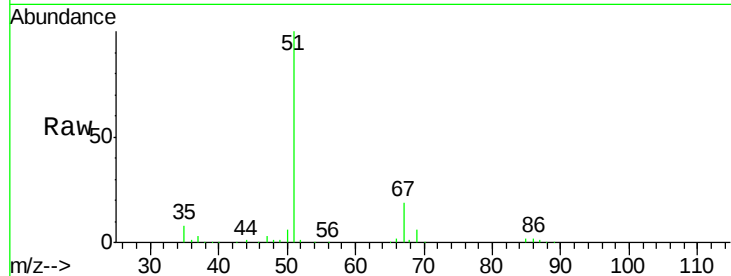
H41Y9

Tot Ion: 85 Resp: 15349

Ion Ratio Lower Upper

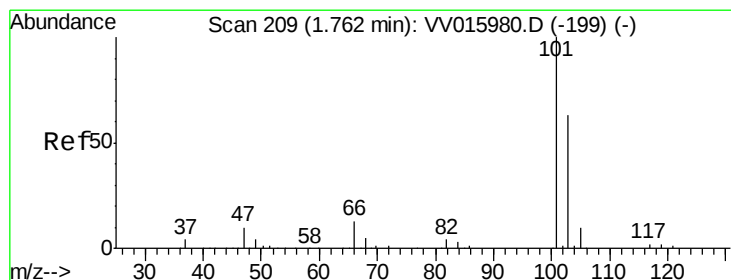
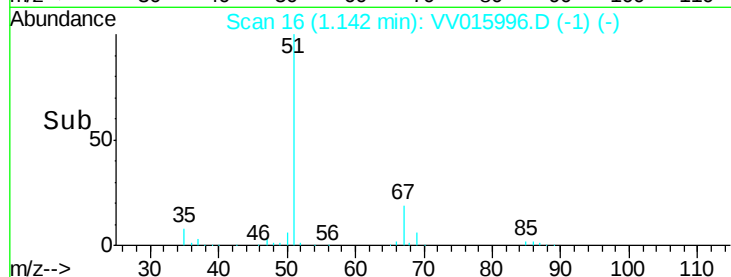
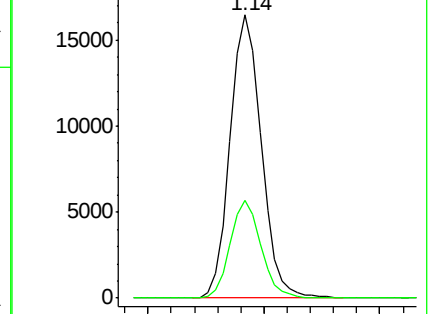
85 100

87 33.7 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV015980.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV015980.D (-6) (-)



#9

Trichlorofluoromethane

Concen: 0.145 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV015996.D

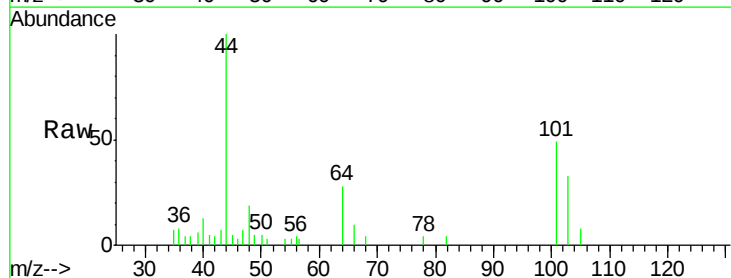
Acq: 11 May 2020 18:07

Tgt Ion: 101 Resp: 2076

Ion Ratio Lower Upper

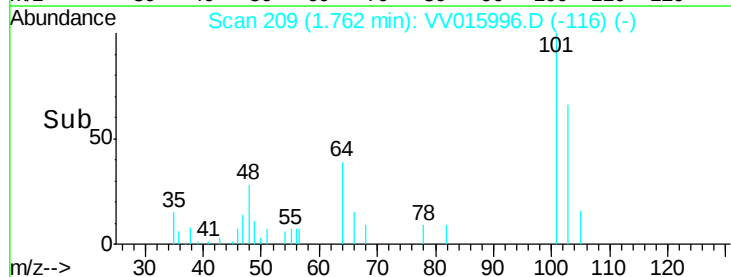
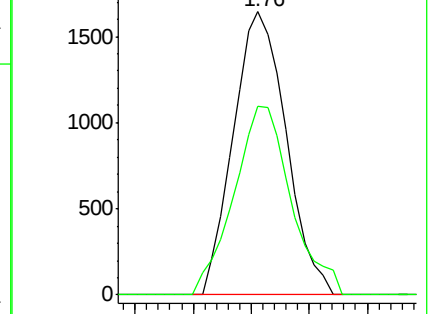
101 100

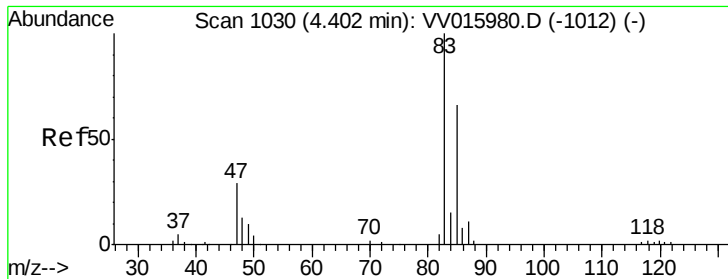
103 72.6 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): VV015980.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV015980.D (-199) (-)

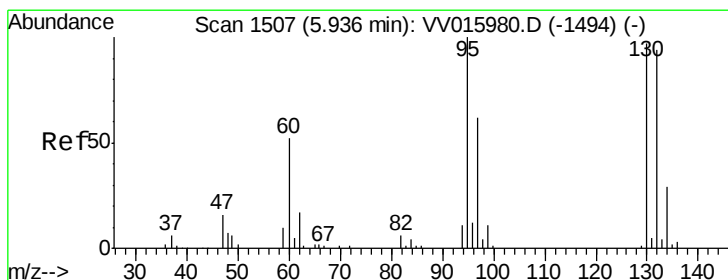
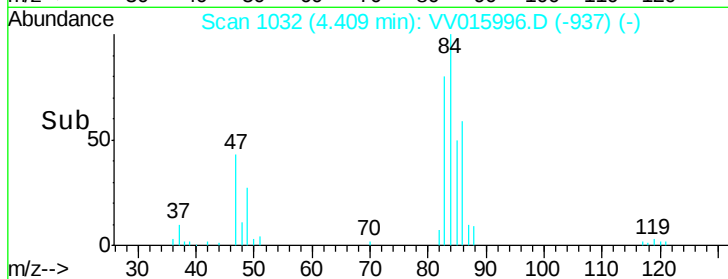
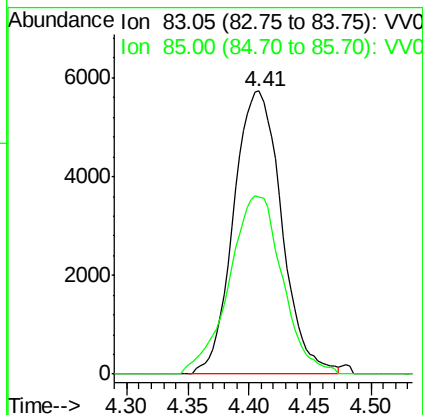
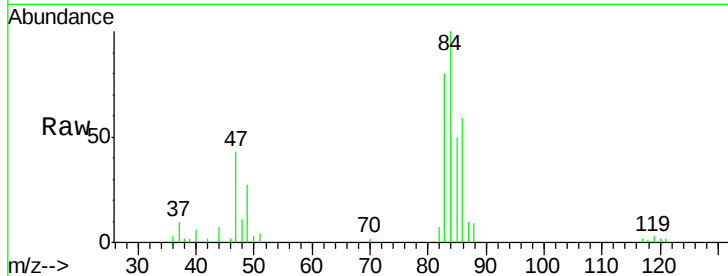




#25
Chloroform
Concen: 0.863 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015996.D
Acq: 11 May 2020 18:07

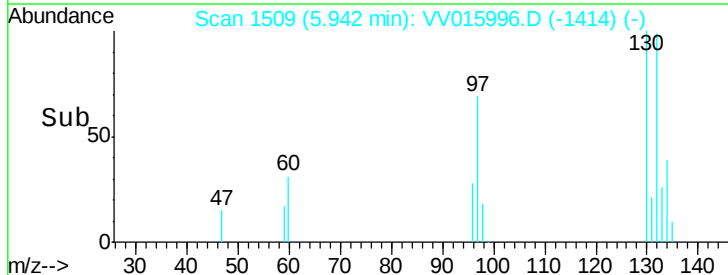
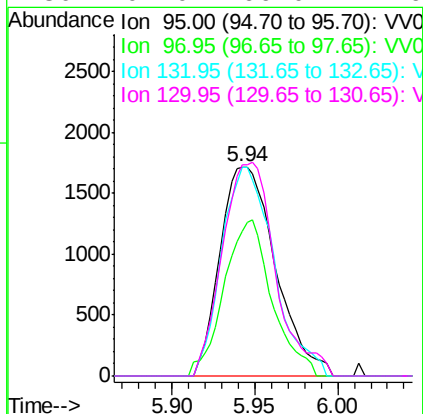
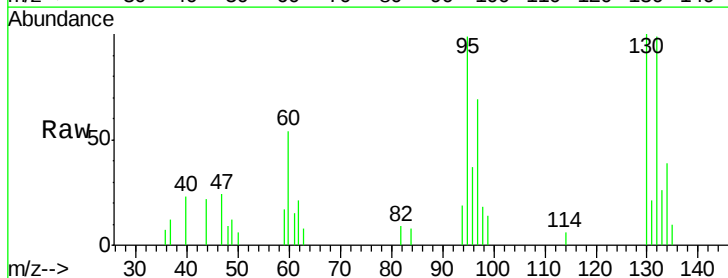
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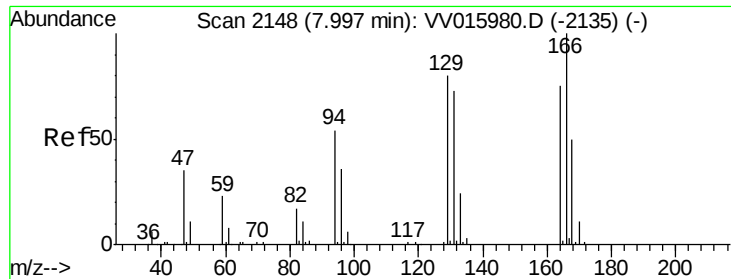
Tot Ion: 83 Resp: 15636
Ion Ratio Lower Upper
83 100
85 62.7 45.7 84.9



#34
Trichloroethene
Concen: 0.401 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015996.D
Acq: 11 May 2020 18:07

Tgt Ion: 95 Resp: 3999
Ion Ratio Lower Upper
95 100
97 69.6 43.3 80.5
132 99.7 60.3 112.1
130 101.0 66.0 122.6





#49

Tetrachloroethene

Concen: 5.304 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015996.D

Acq: 11 May 2020 18:07

Instrument :
MSVOA_V
ClientSampleId :
H41Y9

Tot Ion:164 Resp: 36929

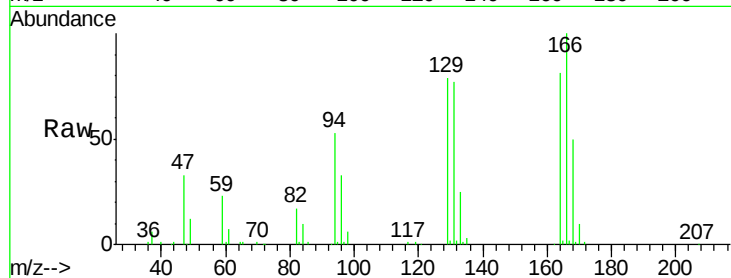
Ion Ratio Lower Upper

164 100

129 97.3 69.7 129.4

131 95.5 66.8 124.2

166 123.5 89.1 165.5



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

