

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016017.D
 Acq On : 12 May 2020 16:16
 Operator : SY/MD
 Sample : L2541-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Z8

Quant Time: May 13 08:00:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134988	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	136828	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	60935	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28968	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	31272	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	49791	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.91	46	106428	50.95	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.90%
24) Chloroform-d	4.38	84	70106	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	45570	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.08	84	148952	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.10	67	48445	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	131020	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
45) trans-1,3-Dichloropropene-	7.65	79	11765	3.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.40%
48) 2-Hexanone-d5	8.11	63	71532	41.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.50%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33968	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	51069	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

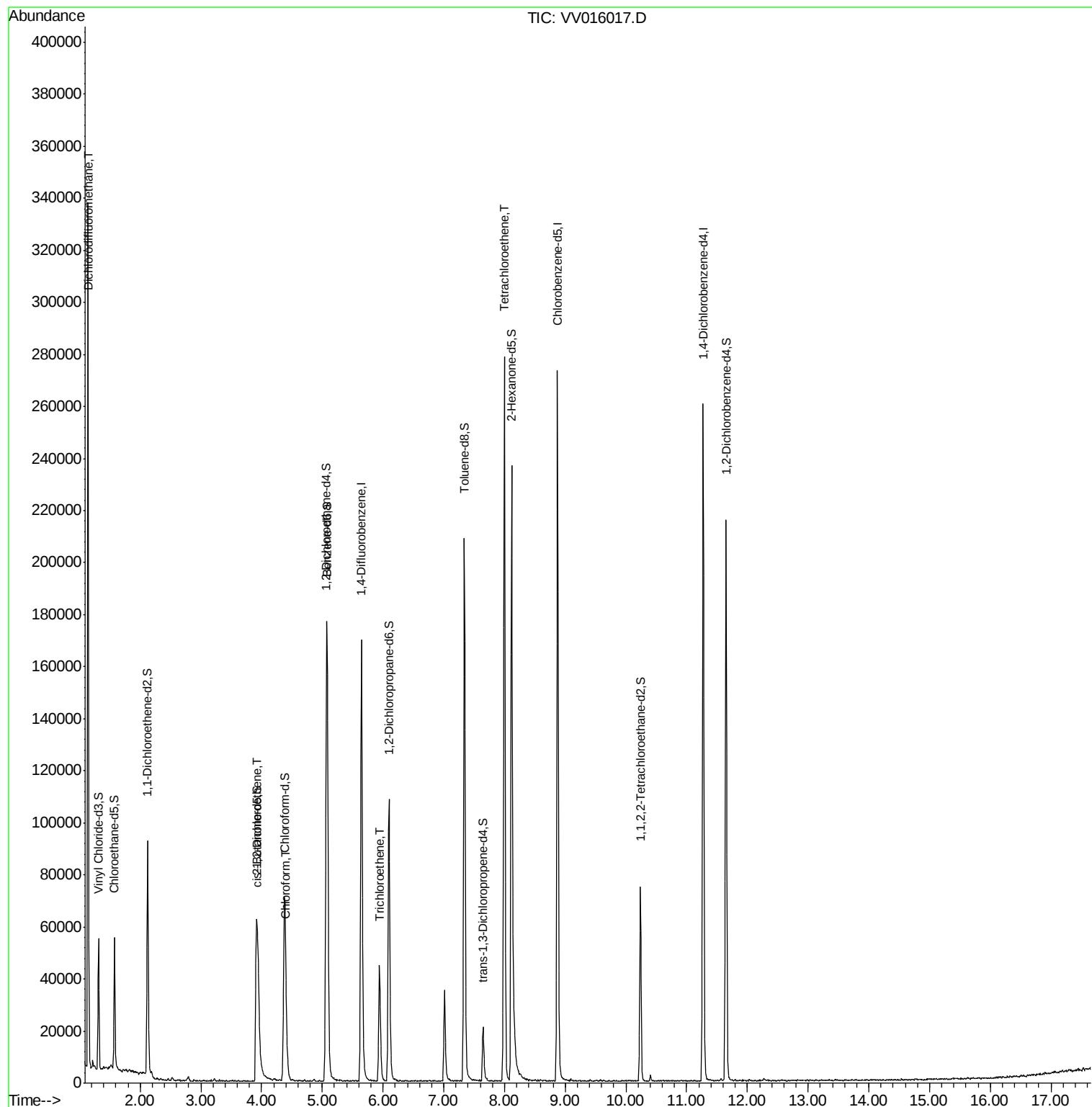
					Ovalue
2) Dichlorodifluoromethane	1.14	85	3466	0.335 ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	11736	1.366 ug/L	90
25) Chloroform	4.41	83	12224	0.702 ug/L	95
34) Trichloroethene	5.94	95	14799	1.506 ug/L	98
49) Tetrachloroethene	8.00	164	57718	8.419 ug/L	99

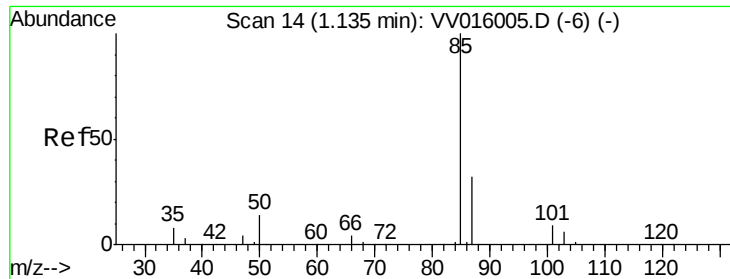
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.335 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV016017.D

Acq: 12 May 2020 16:16

Instrument :

MSVOA_V

ClientSampleId :

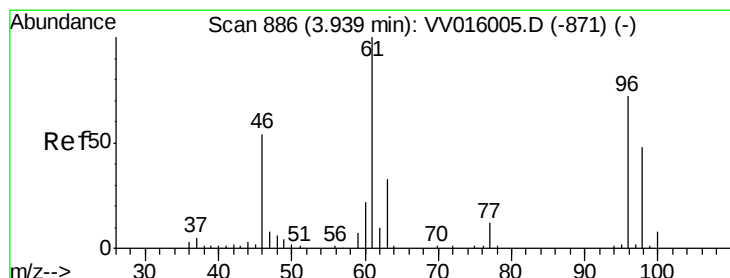
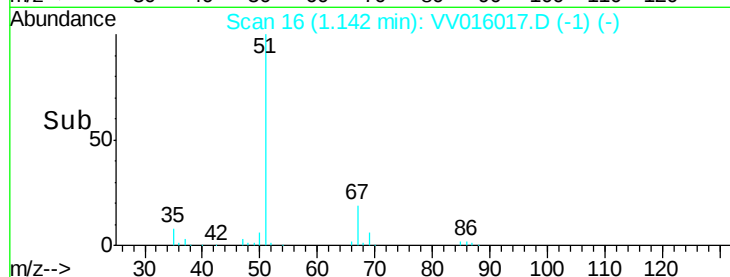
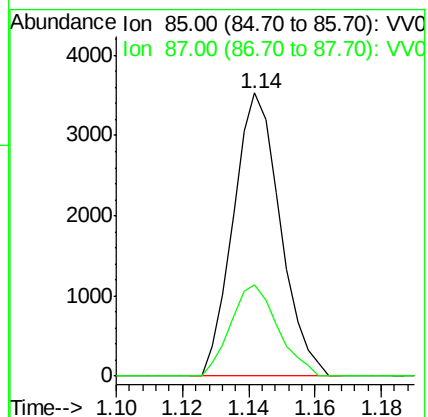
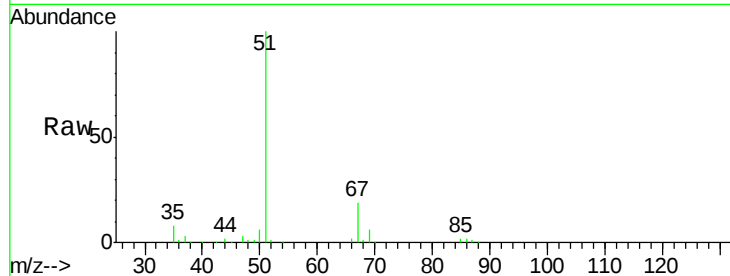
H41Z8

Tot Ion: 85 Resp: 3466

Ion Ratio Lower Upper

85 100

87 32.5 26.4 39.6



#22

cis-1,2-Dichloroethene

Concen: 1.366 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV016017.D

Acq: 12 May 2020 16:16

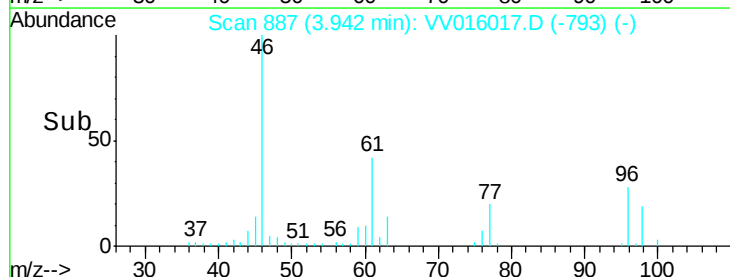
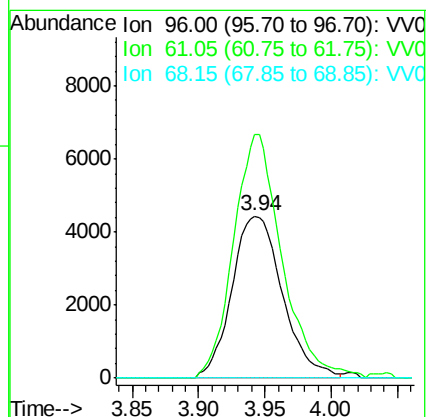
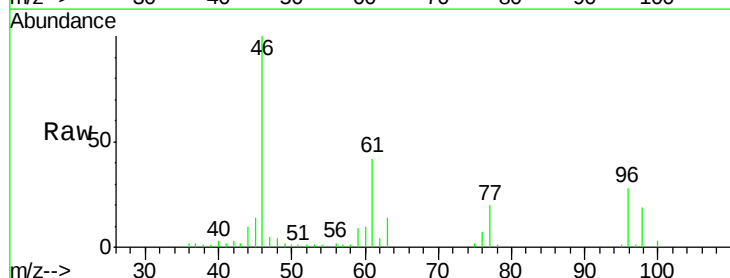
Tgt Ion: 96 Resp: 11736

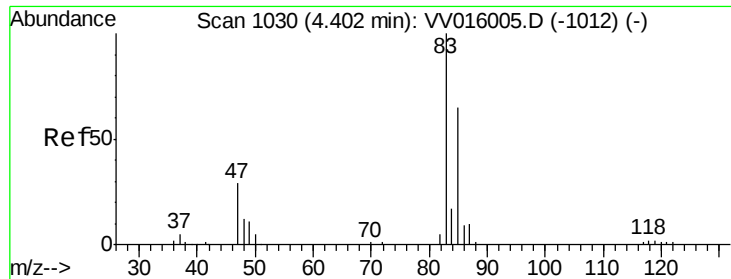
Ion Ratio Lower Upper

96 100

61 150.5 97.2 180.6

68 0.0 0.0 0.0

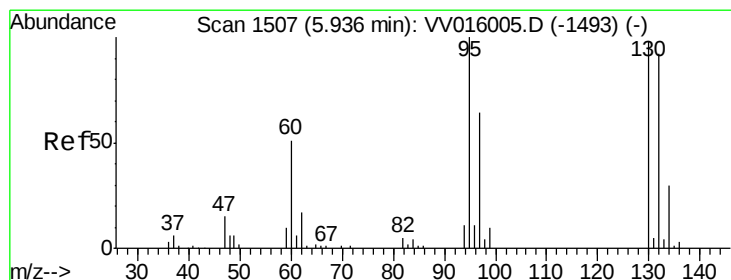
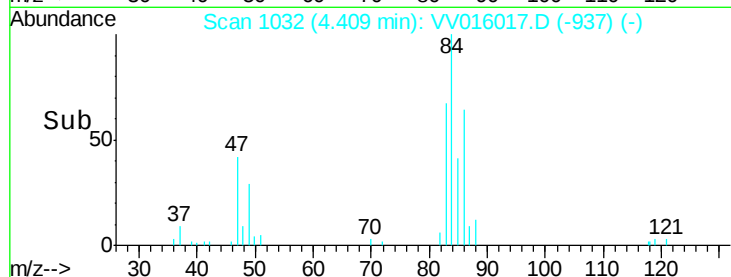
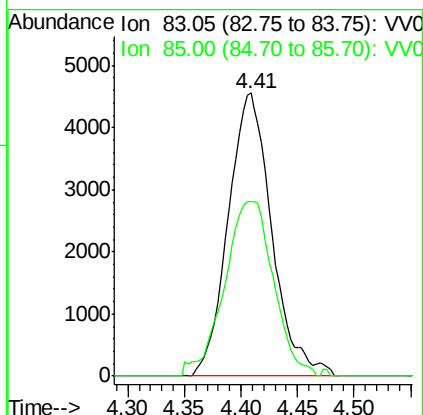
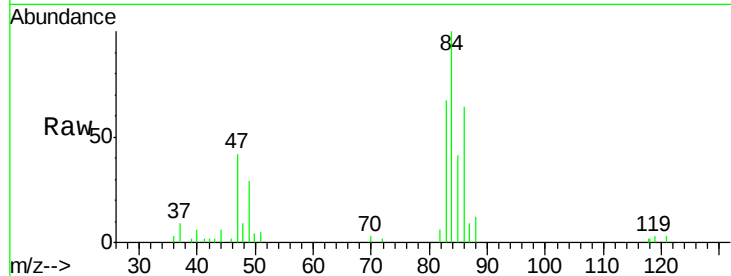




#25
Chloroform
Concen: 0.702 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016017.D
Acq: 12 May 2020 16:16

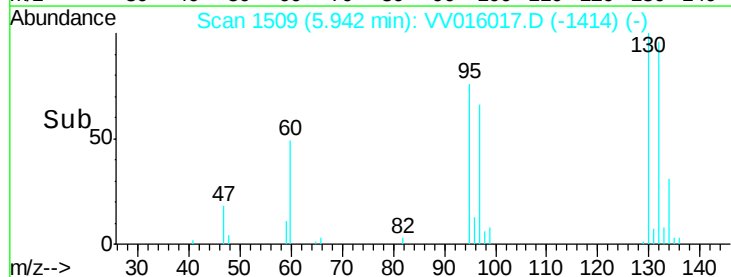
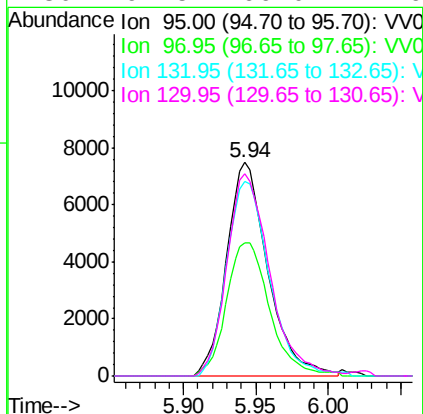
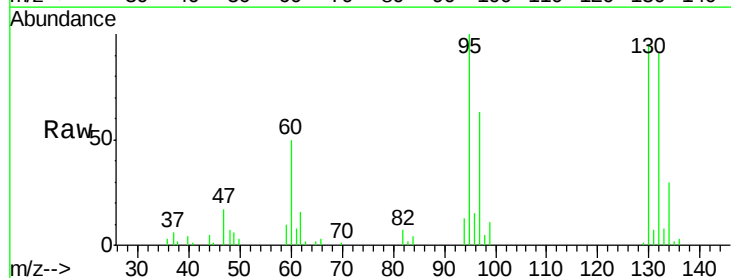
Instrument :
MSVOA_V
ClientSampled :
H41Z8

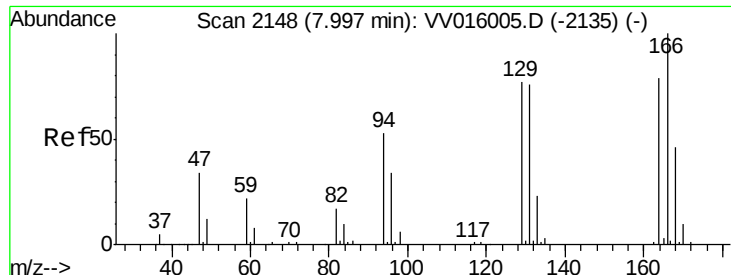
Tot Ion: 83 Resp: 12224
Ion Ratio Lower Upper
83 100
85 61.5 45.7 84.9



#34
Trichloroethene
Concen: 1.506 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016017.D
Acq: 12 May 2020 16:16

Tgt Ion: 95 Resp: 14799
Ion Ratio Lower Upper
95 100
97 62.6 43.3 80.5
132 91.0 60.3 112.1
130 94.5 66.0 122.6





#49

Tetrachloroethene

Concen: 8.419 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016017.D

Acq: 12 May 2020 16:16

Instrument :

MSVOA_V

ClientSampleId :

H41Z8

Tot Ion:164 Resp: 57718

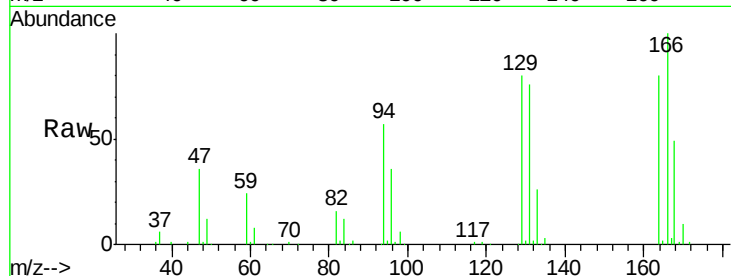
Ion Ratio Lower Upper

164 100

129 99.6 69.7 129.4

131 94.8 66.8 124.2

166 124.7 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

