

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007797.D
 Acq On : 23 Sep 2018 18:52
 Operator : SY/MD
 Sample : J5010-08
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T14

Quant Time: Sep 24 08:51:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	160461	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152484	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80499	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37769	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.62%
7) Chloroethane-d5	1.59	69	38870	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.10%
11) 1,1-Dichloroethene-d2	2.14	63	74637	36.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.60%
21) 2-Butanone-d5	3.95	46	54365	94.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.39%
24) Chloroform-d	4.41	84	86865	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	5.09	65	58154	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
32) Benzene-d6	5.11	84	174102	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
36) 1,2-Dichloropropane-d6	6.13	67	51471	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.46%
41) Toluene-d8	7.36	98	174524	47.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.30%
43) trans-1,3-Dichloropropene-	7.67	79	22242	42.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.24%
47) 2-Hexanone-d5	8.14	63	40029	87.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	75781	46.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	80331	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds

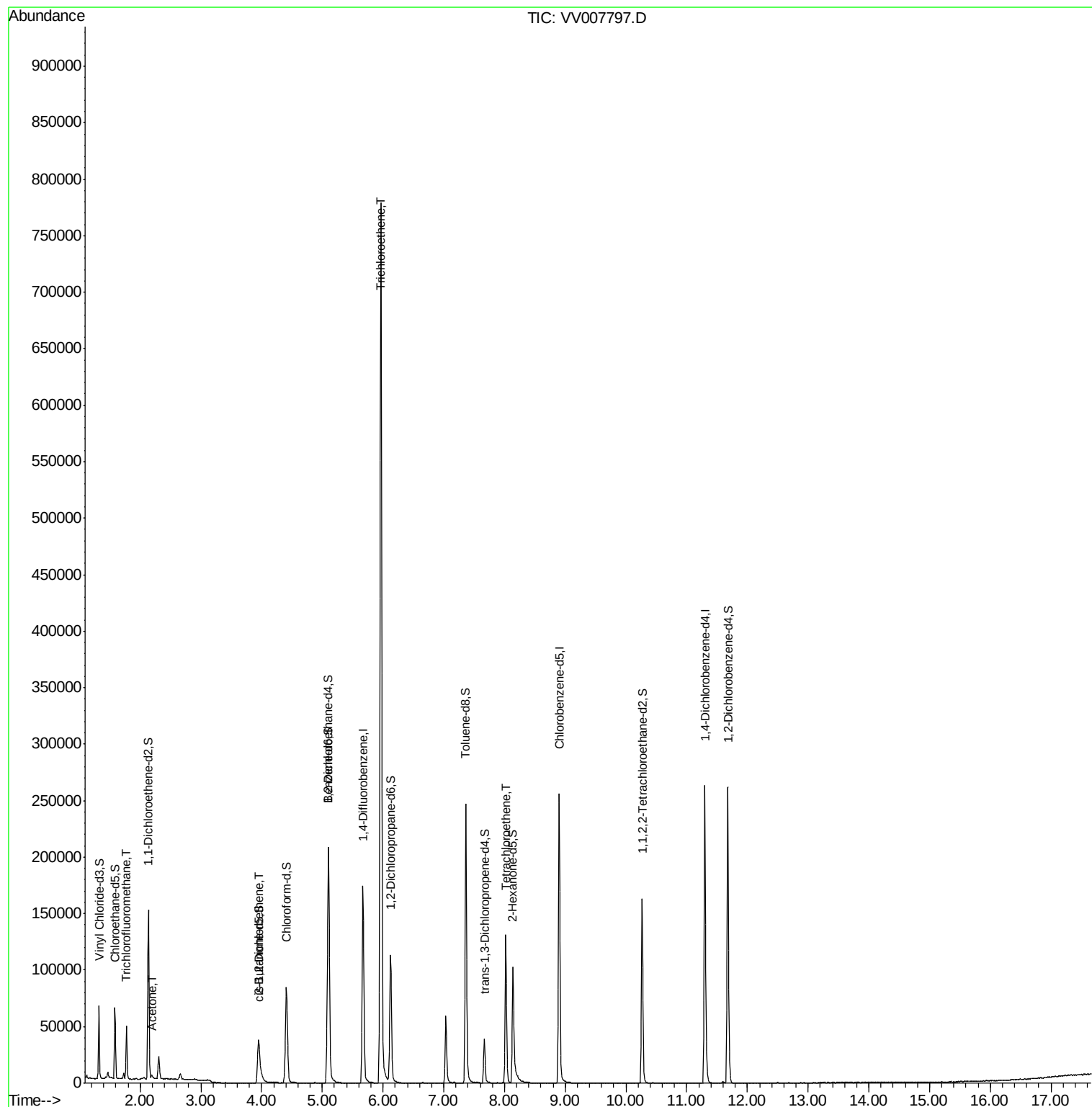
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.78	101	26141	12.221	ug/L	99
13) Acetone	2.19	43	1272	2.093	ug/L	89
20) cis-1,2-Dichloroethene	3.97	96	3661	3.400	ug/L	97
34) Trichloroethene	5.96	95	255205	236.255	ug/L	98
46) Tetrachloroethene	8.02	164	30947	27.992	ug/L	98

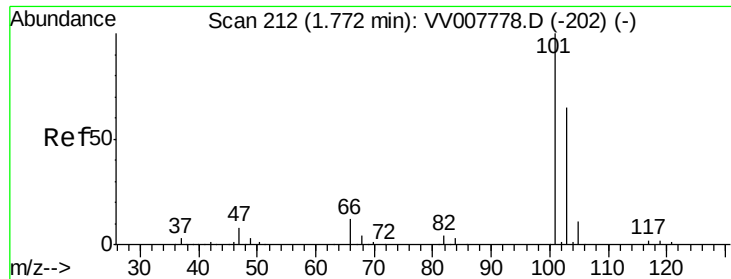
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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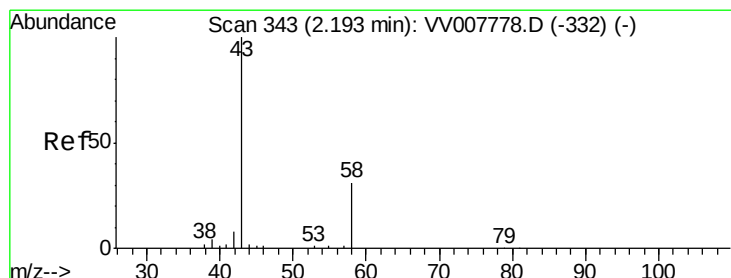
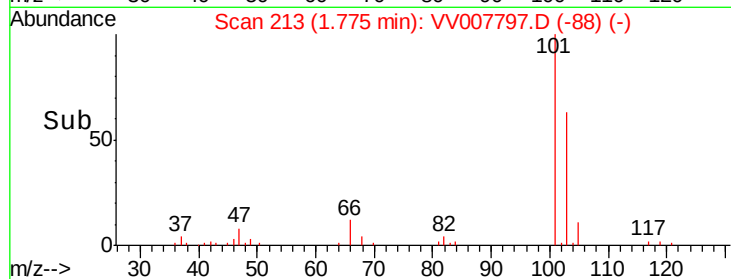
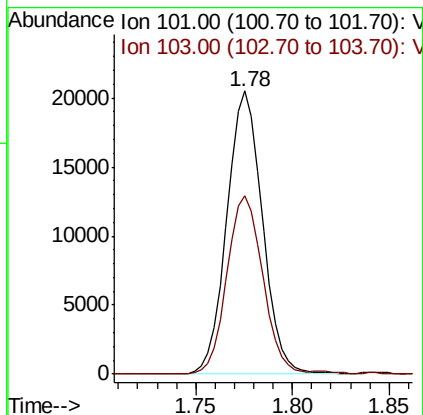
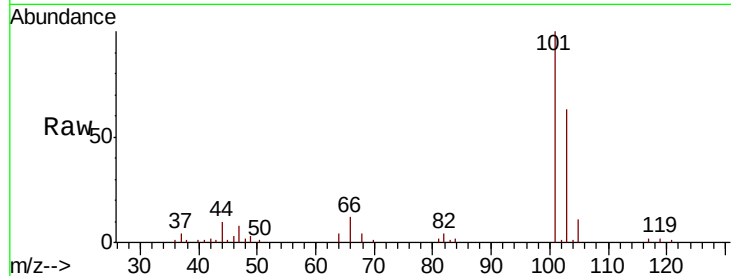


#9

Trichlorofluoromethane
 Concen: 12.221 ug/L
 RT: 1.78 min Scan# 213
 Delta R.T. 0.00 min
 Lab File: VV007797.D
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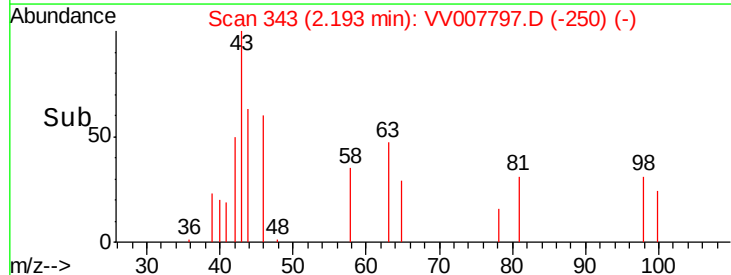
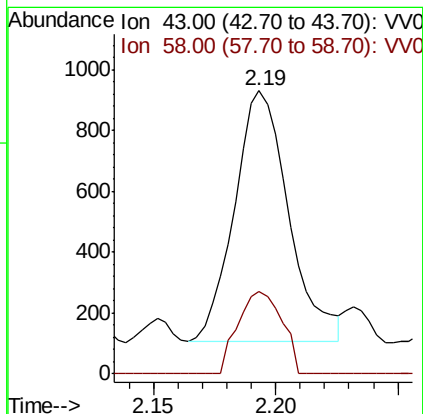
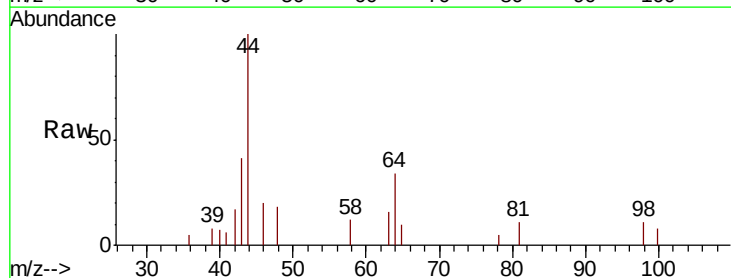
Tot Ion:101 Resp: 26141
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2

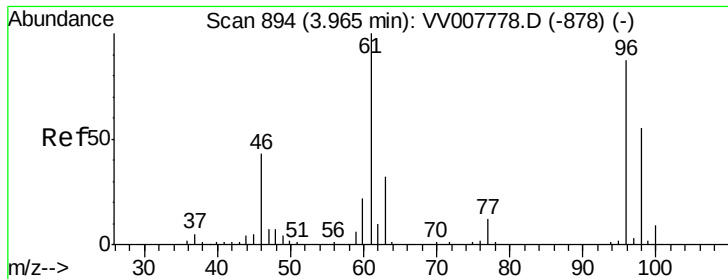


#13

Acetone
 Concen: 2.093 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV007797.D
 Acq: 23 Sep 2018 18:52

Tgt Ion: 43 Resp: 1272
 Ion Ratio Lower Upper
 43 100
 58 26.6 0.0 65.2

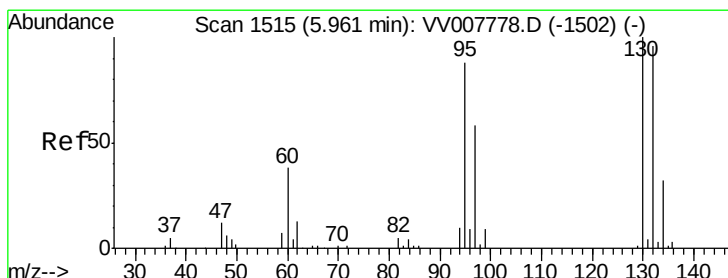
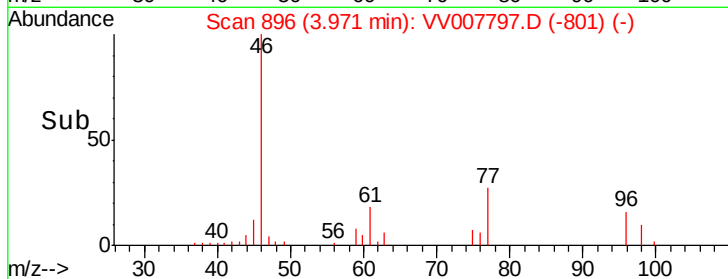
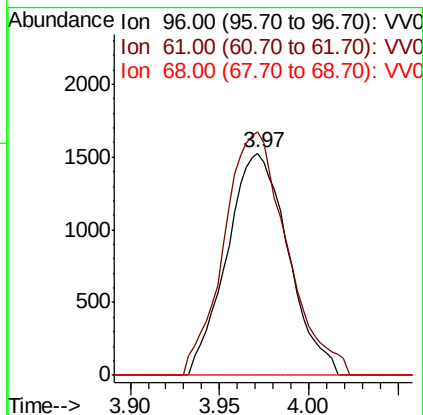
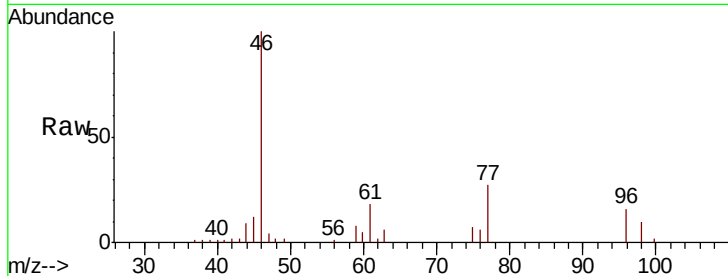




#20
 cis-1,2-Dichloroethene
 Concen: 3.400 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: VV007797.D
 Acq: 23 Sep 2018 18:52

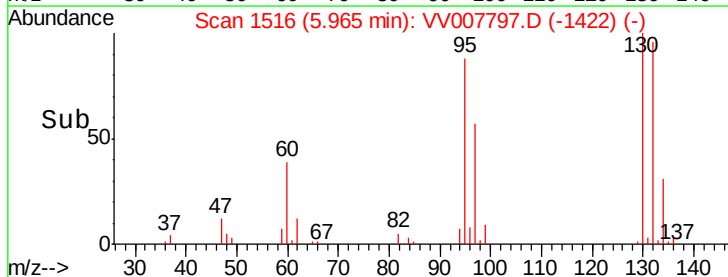
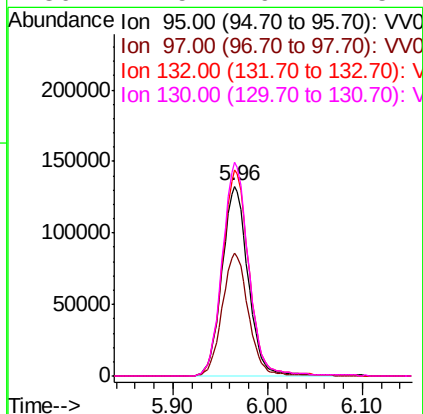
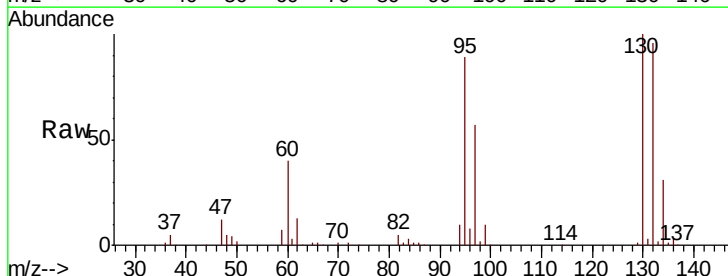
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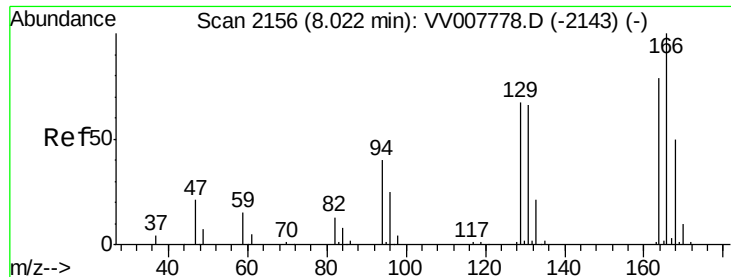
Tot Ion: 96 Resp: 3661
 Ion Ratio Lower Upper
 96 100
 61 109.5 78.8 146.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 236.255 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007797.D
 Acq: 23 Sep 2018 18:52

Tgt Ion: 95 Resp: 255205
 Ion Ratio Lower Upper
 95 100
 97 64.5 45.2 84.0
 132 108.2 77.7 144.3
 130 112.5 79.7 148.1





#46

Tetrachloroethene

Concen: 27.992 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007797.D

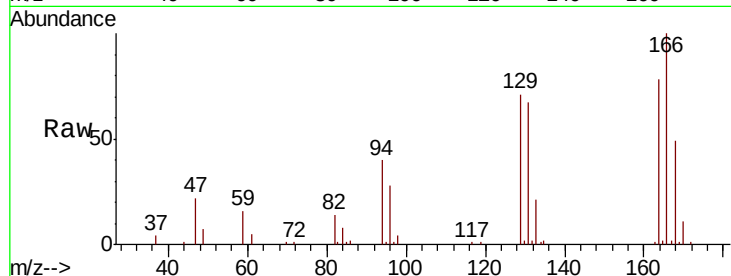
Acq: 23 Sep 2018 18:52

Instrument :

MSVOA_V

ClientSampleId :

C0T14



Tot Ion:164 Resp: 30947

Ion Ratio Lower Upper

164 100

129 91.1 61.0 113.4

131 85.8 57.8 107.4

166 127.9 89.9 167.0

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

