

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\
 Data File : VV012534.D
 Acq On : 02 Sep 2019 17:27
 Operator : SY/MD
 Sample : K4607-11
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD67

Quant Time: Sep 03 07:03:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 03 05:44:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155851	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152885	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64502	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.59	69	68609	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.13	63	114843	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	3.93	46	132895	46.07	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.14%
24) Chloroform-d	4.40	84	107612	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	59657	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	207077	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	67868	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	176931	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.66	79	20557	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.14	63	82100	44.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43372	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	59469	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

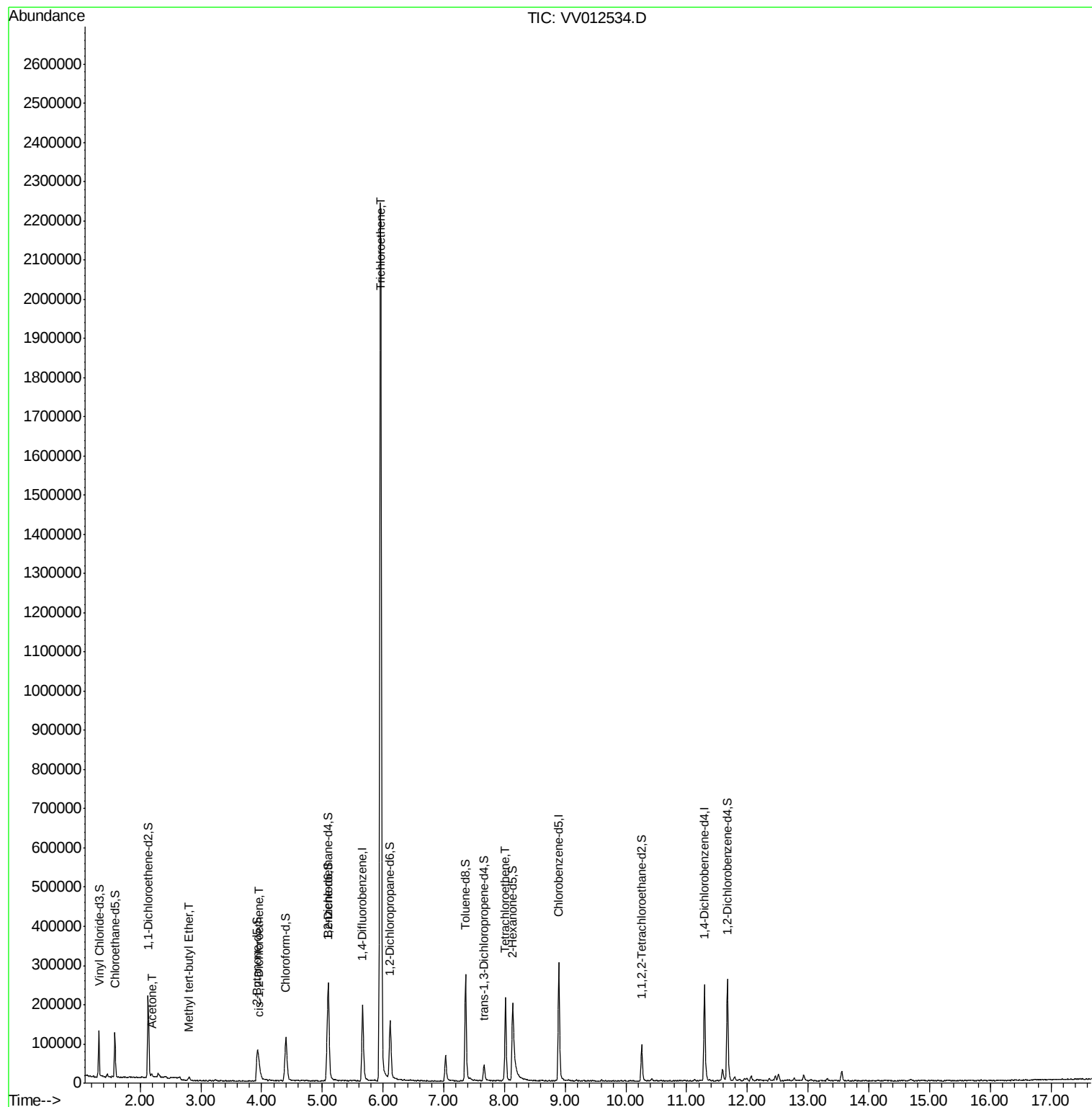
					Ovalue
13) Acetone	2.19	43	8332	2.036	ug/L 92
17) Methyl tert-butyl Ether	2.81	73	7797	0.228	ug/L 93
22) cis-1,2-Dichloroethene	3.97	96	10206	0.613	ug/L # 100
34) Trichloroethene	5.96	95	745867	42.883	ug/L 98
47) Tetrachloroethene	8.02	164	42513	3.383	ug/L 99

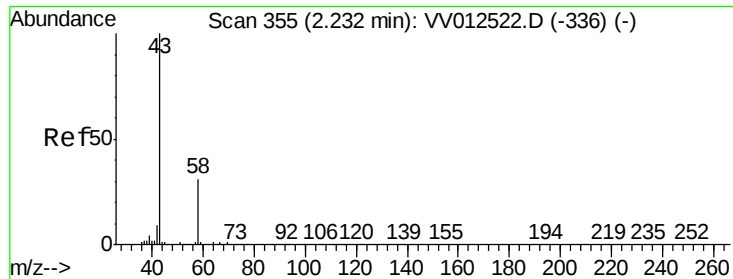
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.036 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV012534.D

Acq: 02 Sep 2019 17:27

Instrument :

MSVOA_V

ClientSampleId :

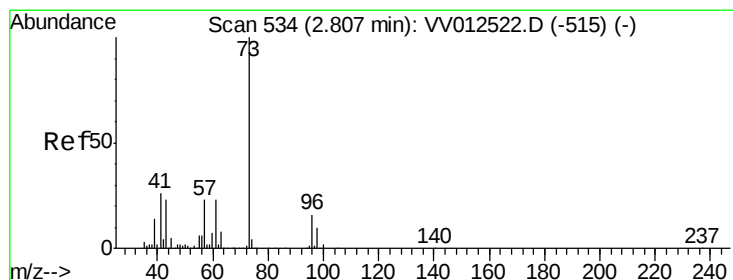
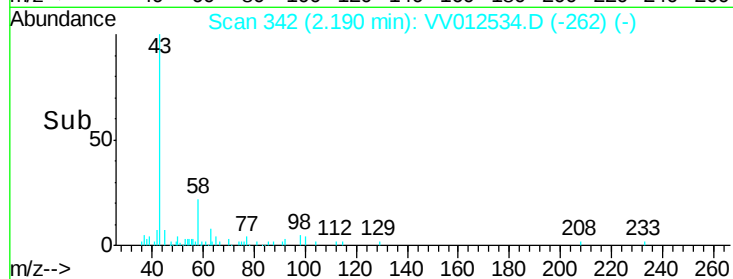
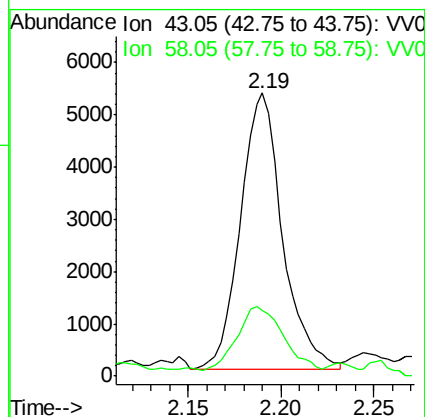
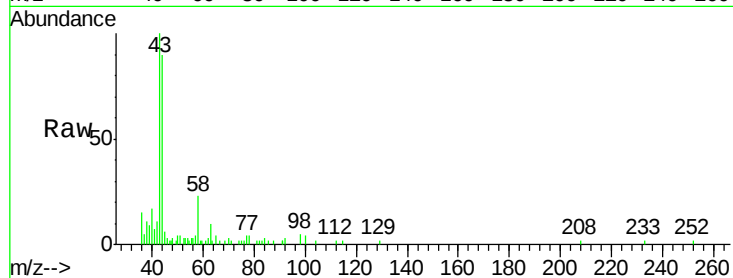
BFD67

Tot Ion: 43 Resp: 8332

Ion Ratio Lower Upper

43 100

58 24.6 0.0 58.2



#17

Methyl tert-butyl Ether

Concen: 0.228 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV012534.D

Acq: 02 Sep 2019 17:27

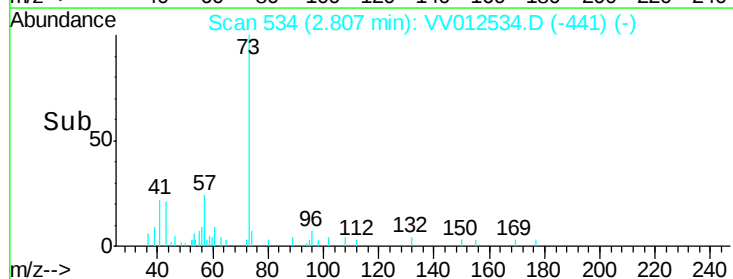
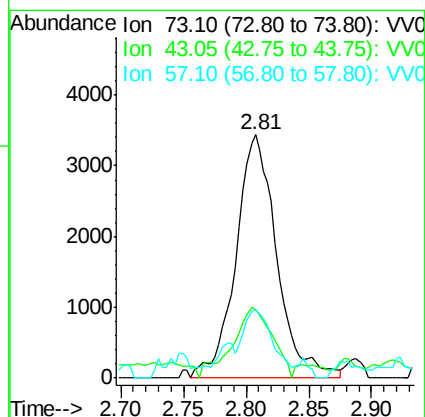
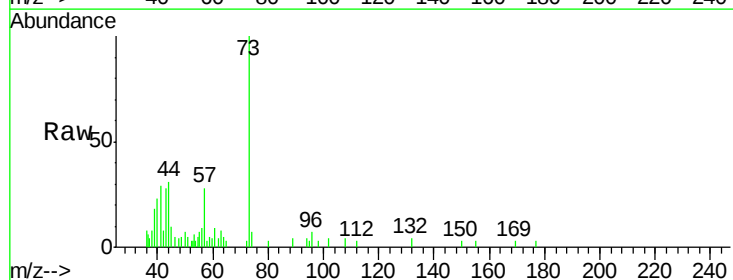
Tgt Ion: 73 Resp: 7797

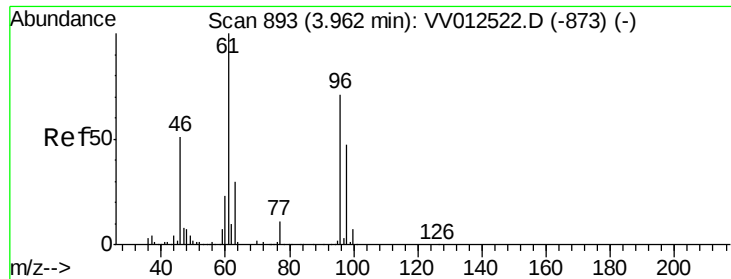
Ion Ratio Lower Upper

73 100

43 28.3 18.9 28.3

57 20.6 18.3 27.5



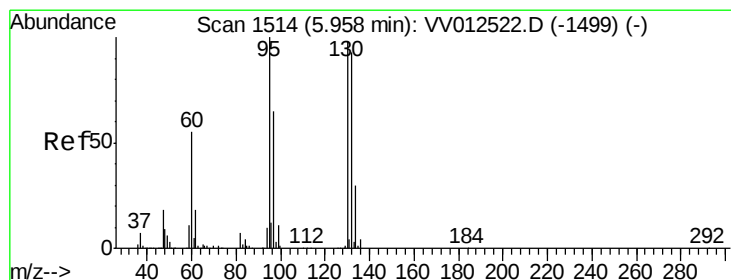
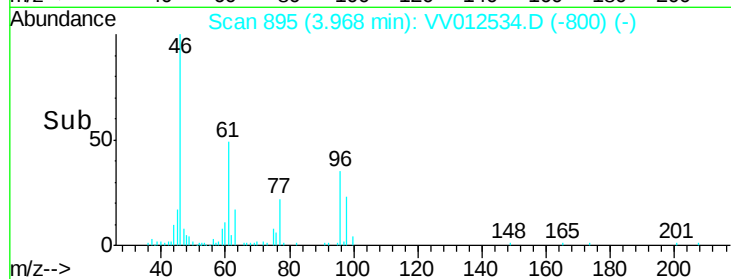
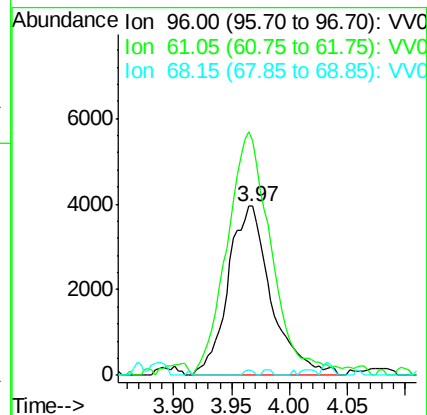
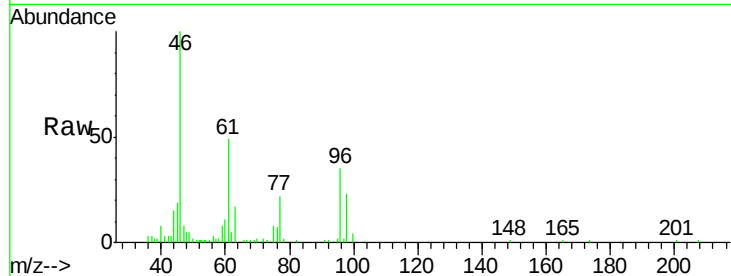


#22

cis-1,2-Dichloroethene
 Concen: 0.613 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.01 min
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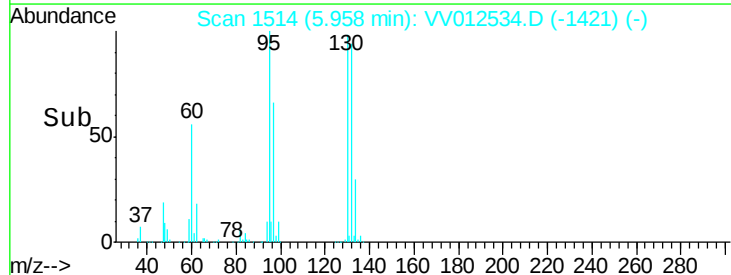
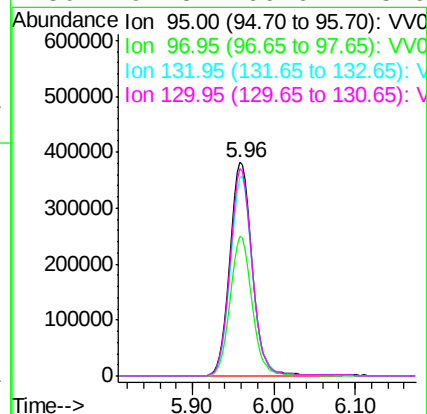
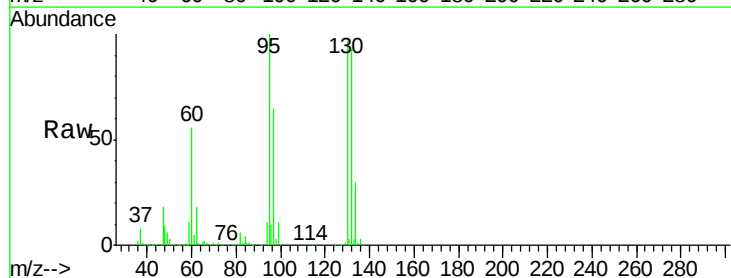
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.8	97.5	181.1
68	2.7	0.0	0.0#

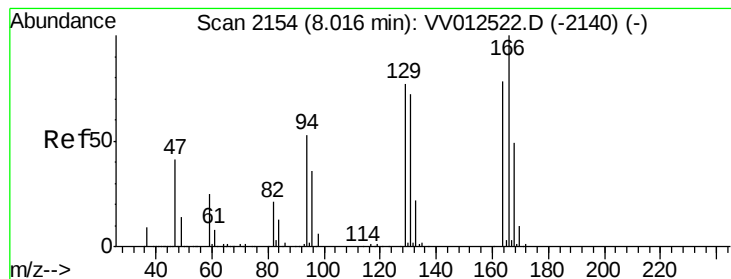


#34

Trichloroethene
 Concen: 42.883 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012534.D
 Acq: 02 Sep 2019 17:27

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.7	83.1
132	93.0	63.8	118.4
130	97.3	66.6	123.6





#47

Tetrachloroethene

Concen: 3.383 ug/L

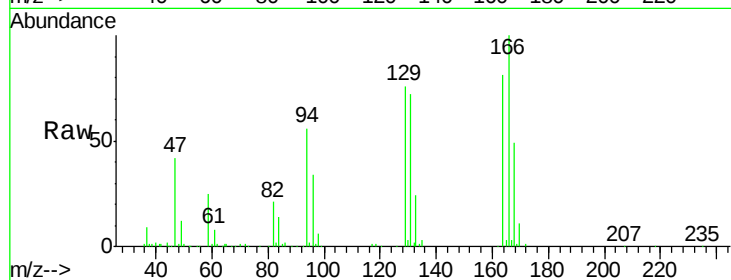
RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012534.D

Acq: 02 Sep 2019 17:27

Instrument :
MSVOA_V
ClientSampleId :
BFD67



Tot Ion:164 Resp: 42513

Ion Ratio Lower Upper

164 100

129 93.9 64.5 119.9

131 88.4 62.3 115.7

166 123.5 86.5 160.6

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

