

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022819\
 Data File : VV009432.D
 Acq On : 28 Feb 2019 19:05
 Operator : SY/MD
 Sample : K1599-11
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJZ1

Quant Time: Mar 01 04:44:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 03:49:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87674	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82180	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38846	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20630	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	22716	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.13	63	46270	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	3.96	46	54956	63.28	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.56%
24) Chloroform-d	4.40	84	51775	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.09	65	26347	5.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.20%
32) Benzene-d6	5.10	84	106916	6.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.40%
36) 1,2-Dichloropropane-d6	6.12	67	31839	5.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.80%
41) Toluene-d8	7.36	98	104152	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
43) trans-1,3-Dichloropropene-	7.67	79	8941	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.14	63	48698	63.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23852	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	38870	6.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.40%#

Target Compounds

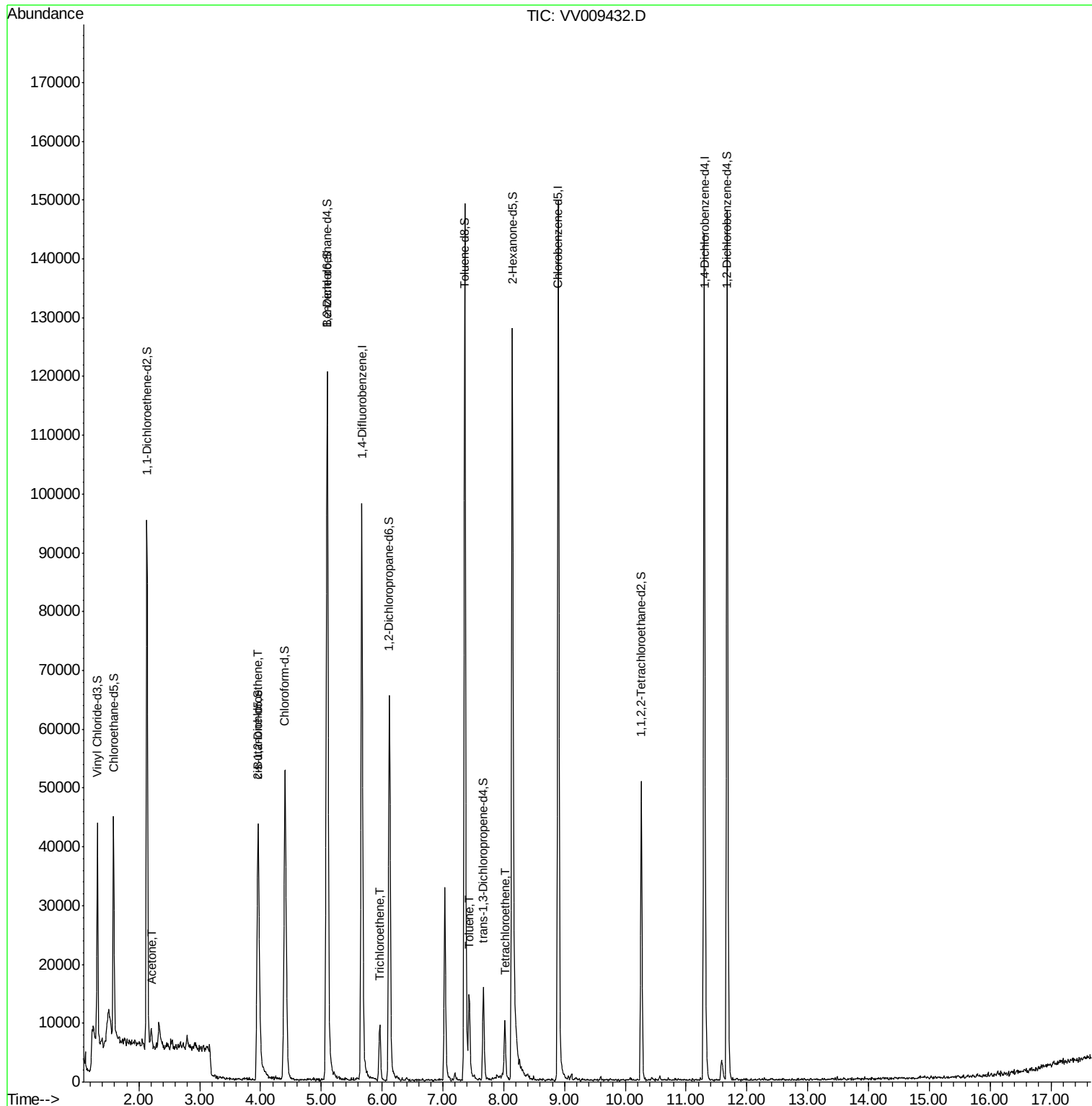
					Ovalue
13) Acetone	2.21	43	3014	3.653 ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	6426	1.106 ug/L	92
34) Trichloroethene	5.96	95	3166	0.525 ug/L	89
42) Toluene	7.43	91	9647	0.397 ug/L	91
47) Tetrachloroethene	8.02	164	2068	0.437 ug/L #	83

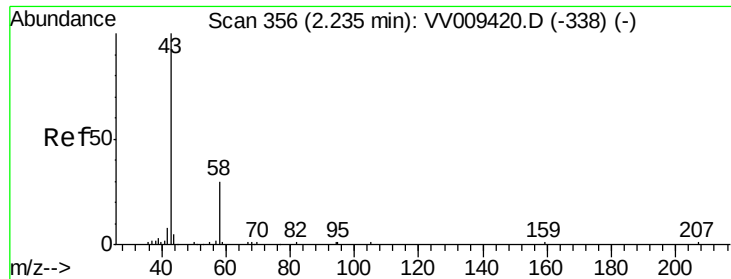
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.653 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.03 min

Lab File: VV009432.D

Acq: 28 Feb 2019 19:05

Instrument :

MSVOA_V

ClientSampleId :

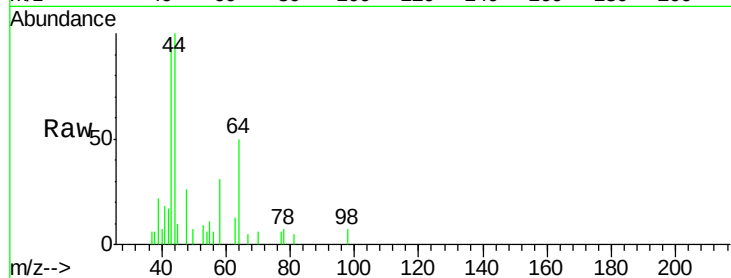
CWJZ1

Tot Ion: 43 Resp: 3014

Ion Ratio Lower Upper

43 100

58 33.9 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2000

1500

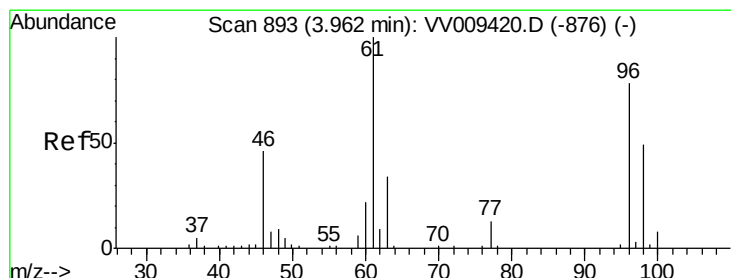
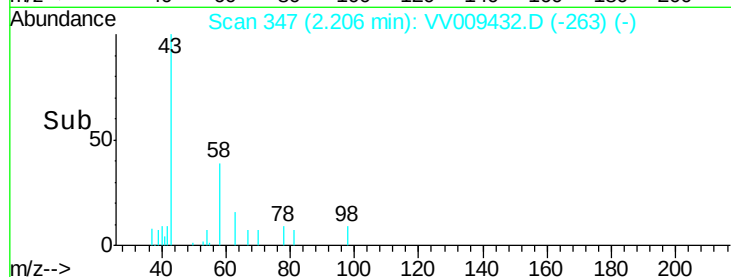
1000

500

0

2.15 2.20 2.25

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.106 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.01 min

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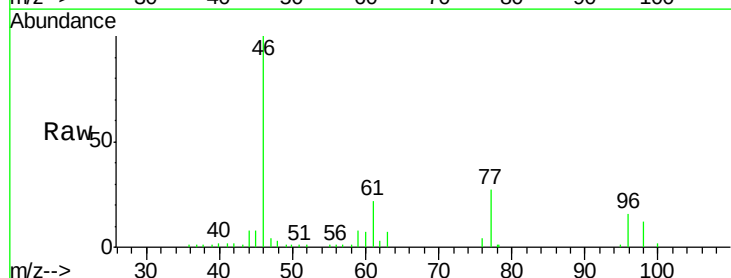
Tgt Ion: 96 Resp: 6426

Ion Ratio Lower Upper

96 100

61 131.5 86.0 159.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

5000

4000

3000

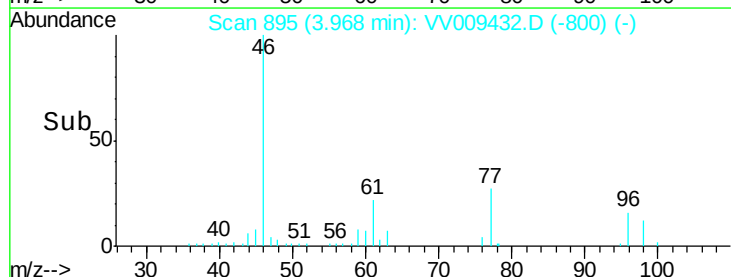
2000

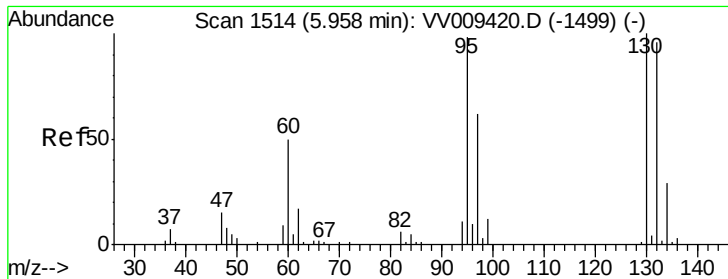
1000

0

3.90 3.95 4.00 4.05

Time-->





#34

Trichloroethene

Concen: 0.525 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009432.D

Acq: 28 Feb 2019 19:05

Instrument :

MSVOA_V

ClientSampleId :

CWJZ1

Tot Ion: 95 Resp: 3166

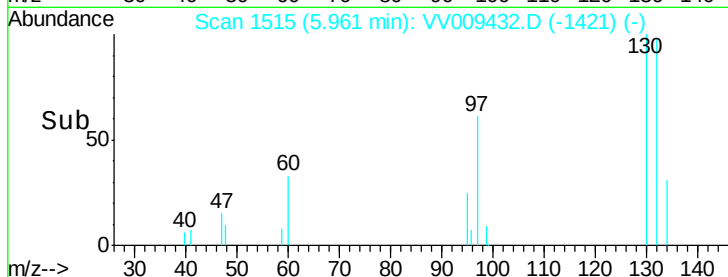
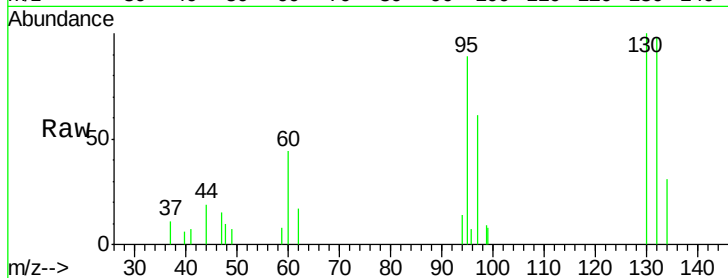
Ion Ratio Lower Upper

95 100

97 68.7 44.2 82.2

132 110.1 67.8 126.0

130 112.1 70.4 130.8

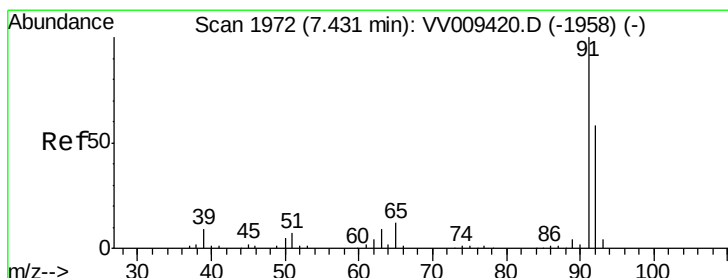
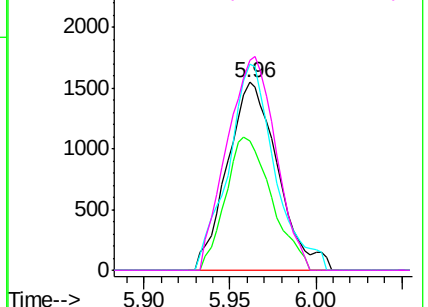


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.397 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009432.D

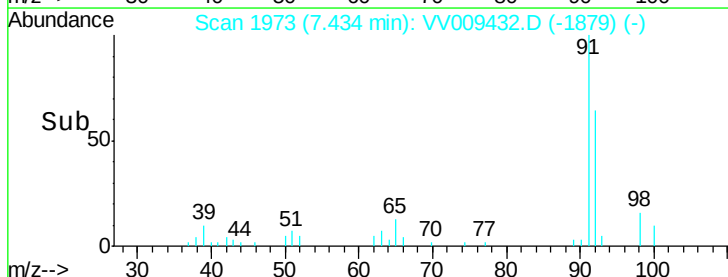
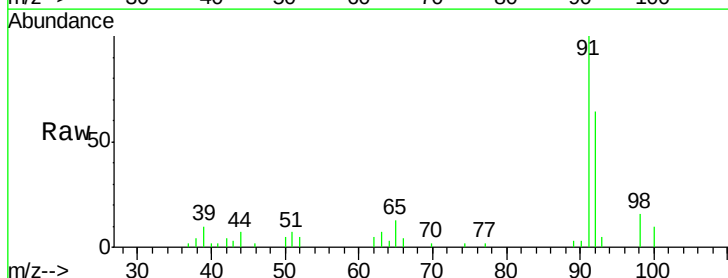
Acq: 28 Feb 2019 19:05

Tgt Ion: 91 Resp: 9647

Ion Ratio Lower Upper

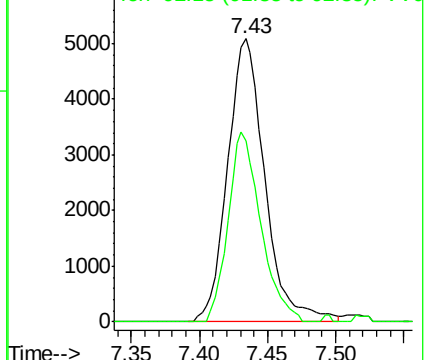
91 100

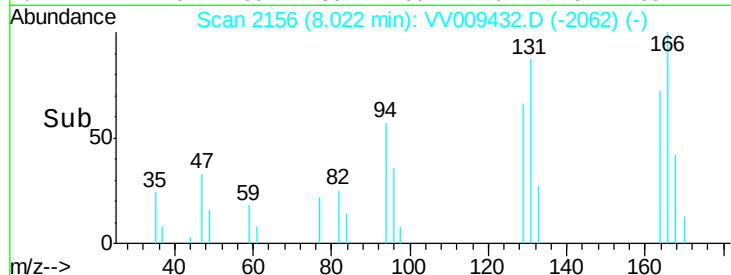
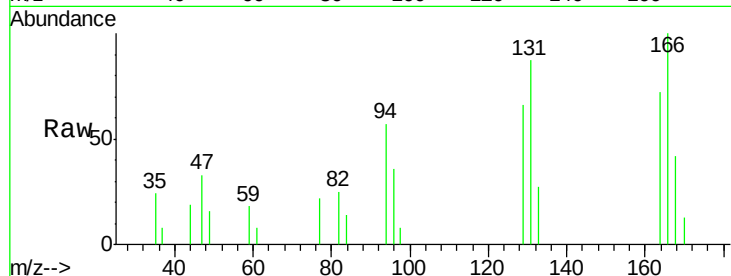
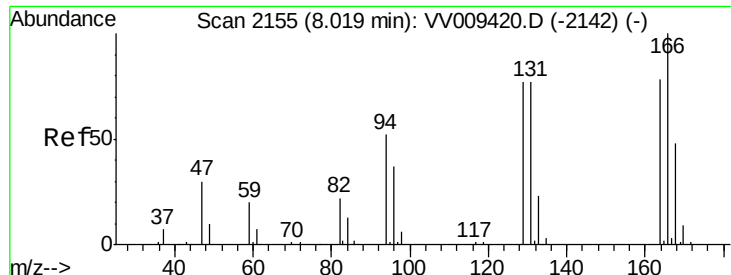
92 63.7 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#47

Tetrachloroethene

Concen: 0.437 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV009432.D

Acq: 28 Feb 2019 19:05

Instrument :

MSVOA_V

ClientSampleId :

CWJZ1

Tot Ion:164 Resp: 2068

Ion Ratio Lower Upper

164 100

129 91.2 69.3 128.7

131 119.9 64.0 118.8#

166 138.6 86.0 159.6

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

