

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\
 Data File : VU040669.D
 Acq On : 12 Oct 2020 19:15
 Operator : SY/MD
 Sample : L4345-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY9

Quant Time: Oct 13 06:28:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 04:32:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115966	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121226	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51327	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	41000	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.92	69	36935	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.58	63	66116	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.66	46	176982	57.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.12%
24) Chloroform-d	5.08	84	89330	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.72	65	54876	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.74	84	159619	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.70	67	55475	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.91	98	127176	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	21250	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.64	63	122682	51.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49295	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	51547	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

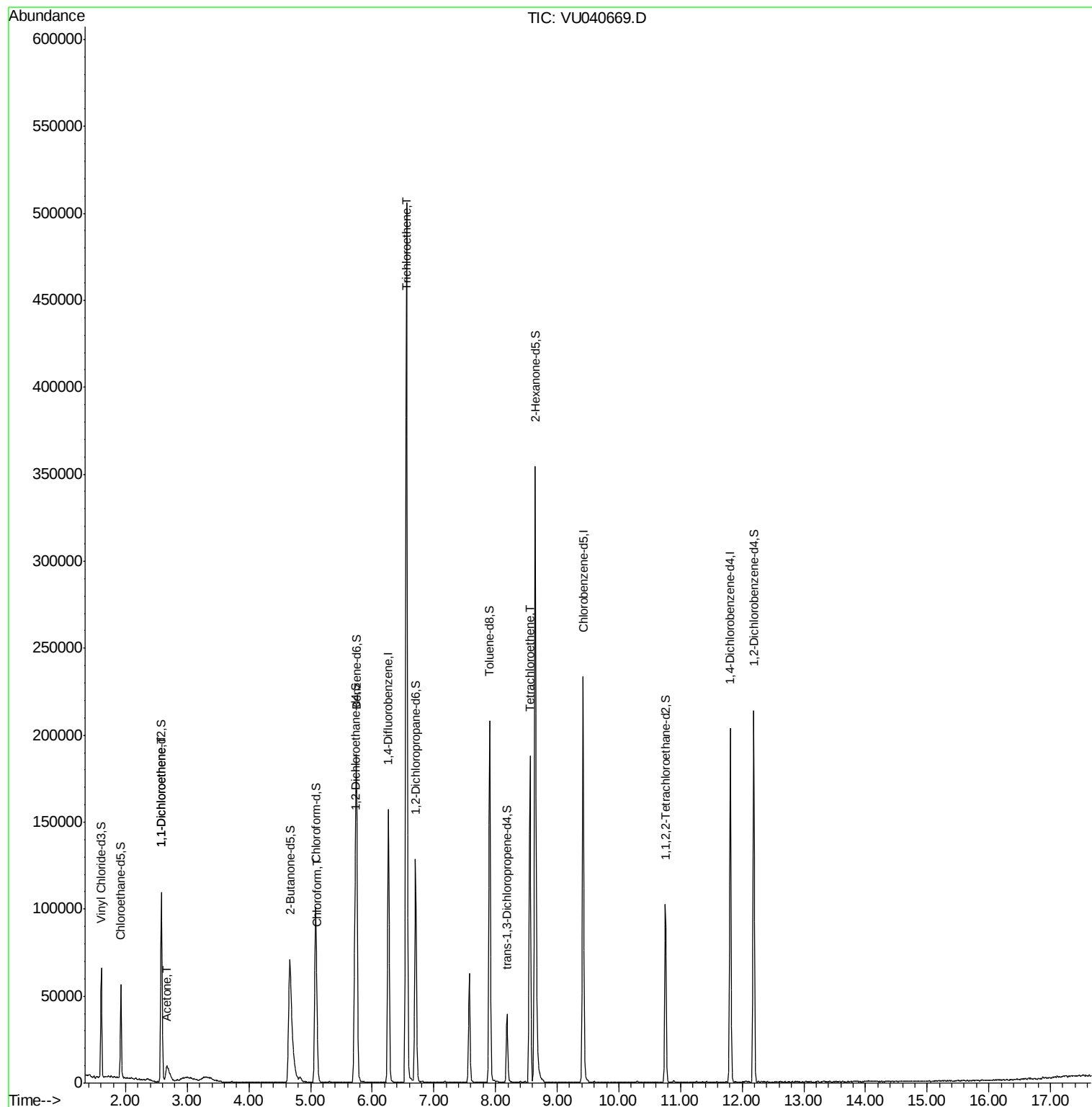
				Ovalue	
12) 1,1-Dichloroethene	2.59	96	2606	0.315 ug/L	# 1
13) Acetone	2.67	43	26410	11.080 ug/L	65
25) Chloroform	5.11	83	9779	0.535 ug/L	93
34) Trichloroethene	6.56	95	169016	16.742 ug/L	97
47) Tetrachloroethene	8.56	164	38930	5.405 ug/L	96

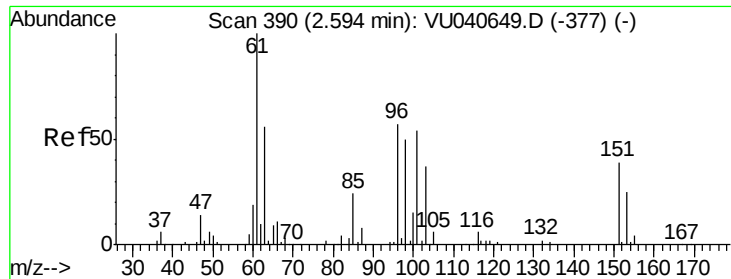
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.315 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU040669.D

Acq: 12 Oct 2020 19:15

Instrument :

MSVOA_U

ClientSampled :

YAQY9

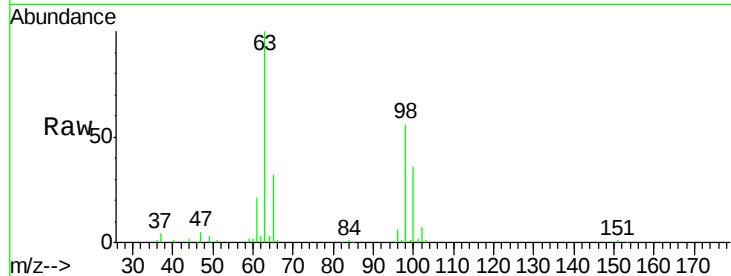
Tot Ion: 96 Resp: 2606

Ion Ratio Lower Upper

96 100

61 366.8 128.8 239.2#

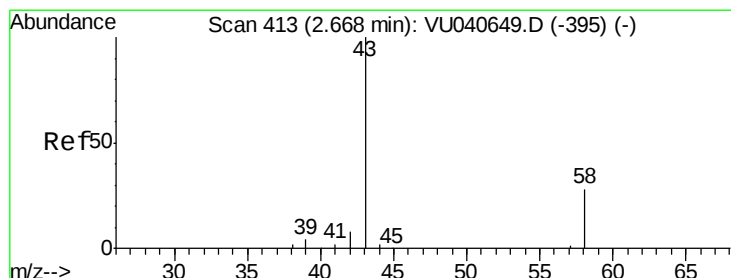
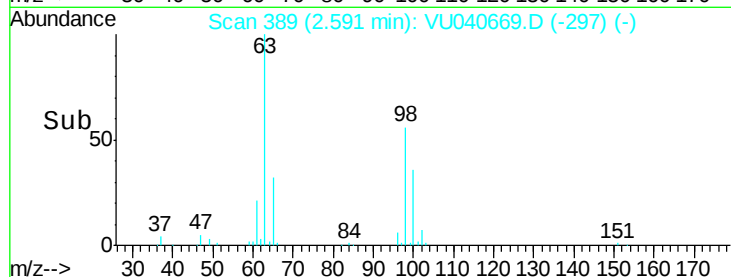
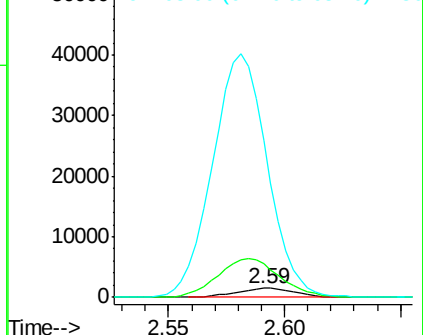
63 1729.8 84.6 157.2#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 11.080 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU040669.D

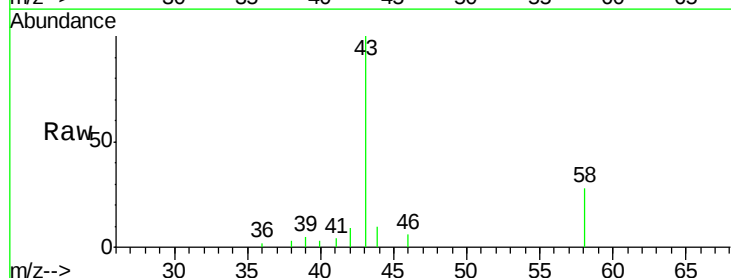
Acq: 12 Oct 2020 19:15

Tgt Ion: 43 Resp: 26410

Ion Ratio Lower Upper

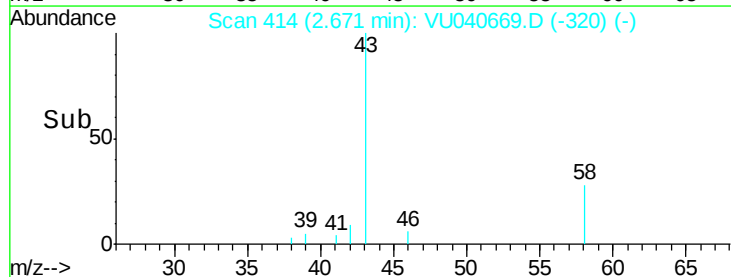
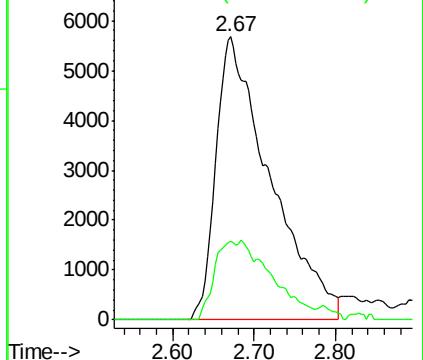
43 100

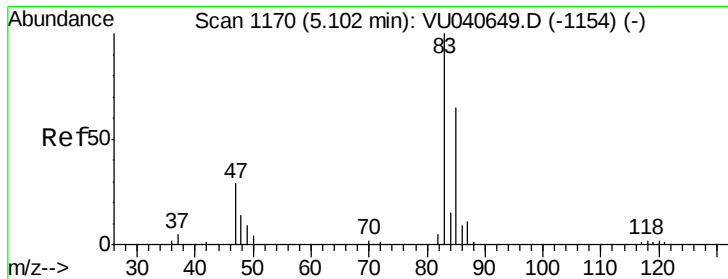
58 11.2 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

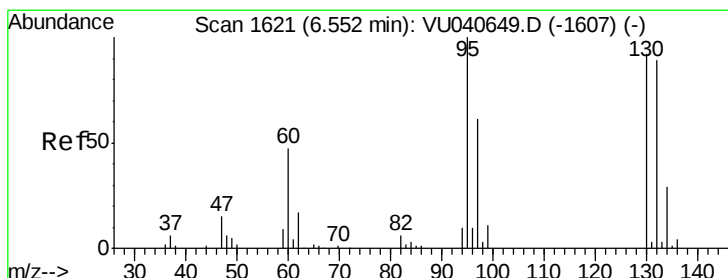
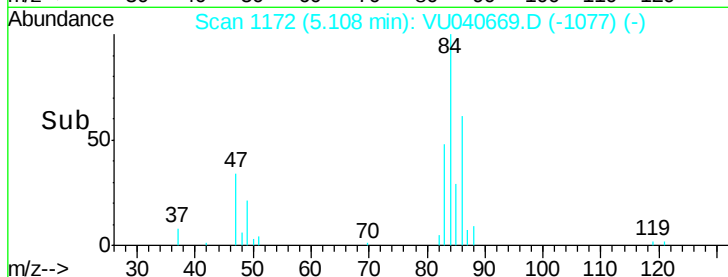
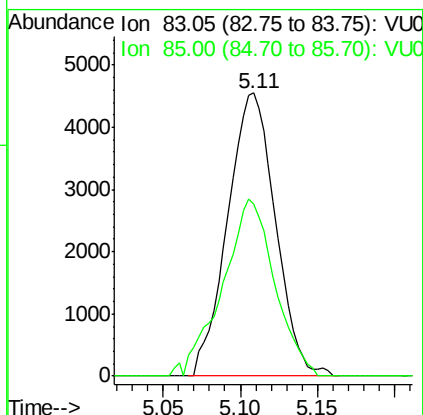
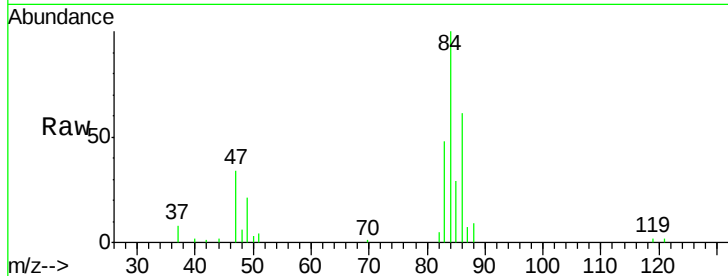




#25
Chloroform
Concen: 0.535 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU040669.D
Acq: 12 Oct 2020 19:15

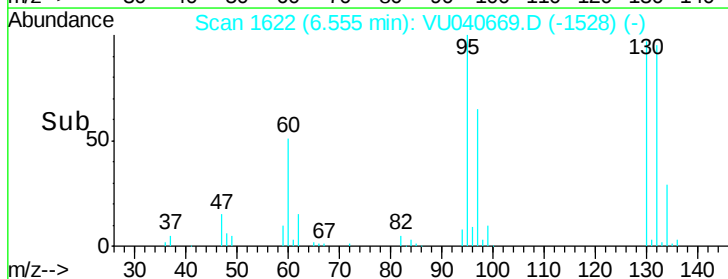
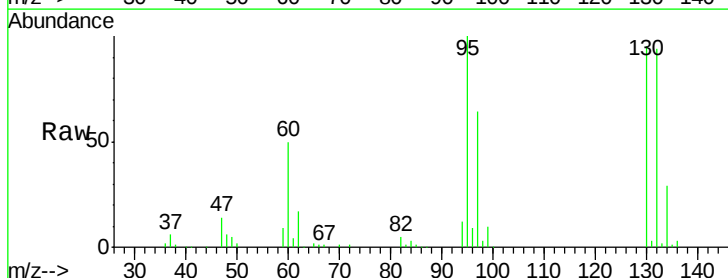
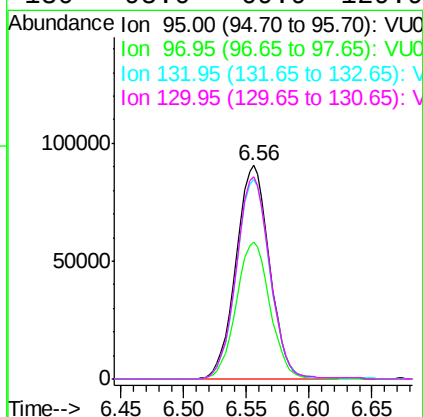
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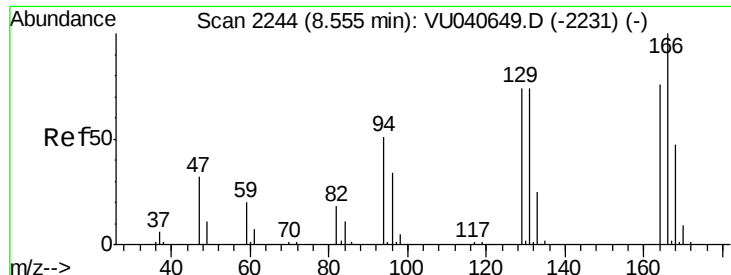
Tot Ion: 83 Resp: 9779
Ion Ratio Lower Upper
83 100
85 60.6 46.5 86.5



#34
Trichloroethene
Concen: 16.742 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040669.D
Acq: 12 Oct 2020 19:15

Tgt Ion: 95 Resp: 169016
Ion Ratio Lower Upper
95 100
97 63.9 45.5 84.5
132 93.7 67.5 125.4
130 95.0 69.9 129.9





#47

Tetrachloroethene

Concen: 5.405 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040669.D

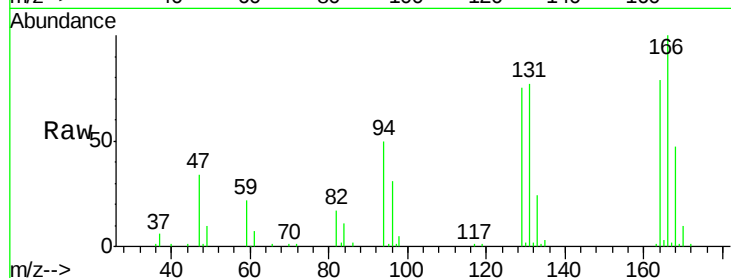
Acq: 12 Oct 2020 19:15

Instrument :

MSVOA_U

ClientSampleId :

YAQY9



Tot Ion:164 Resp: 38930

Ion Ratio Lower Upper

164 100

129 96.0 68.8 127.8

131 97.5 66.7 123.9

166 127.2 83.9 155.7

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

