

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122120\
 Data File : VU041719.D
 Acq On : 22 Dec 2020 00:31
 Operator : SY/MD
 Sample : L5161-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB228

Quant Time: Dec 22 06:44:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 05:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	143699	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124381	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41226	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.92	69	38590	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.58	63	56605	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.65	46	181003	56.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.18%
24) Chloroform-d	5.08	84	89816	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.72	65	53323	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.74	84	184500	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.70	67	66120	5.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.40%
41) Toluene-d8	7.91	98	151764	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.19	79	25686	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
46) 2-Hexanone-d5	8.64	63	157380	57.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56446	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	55407	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

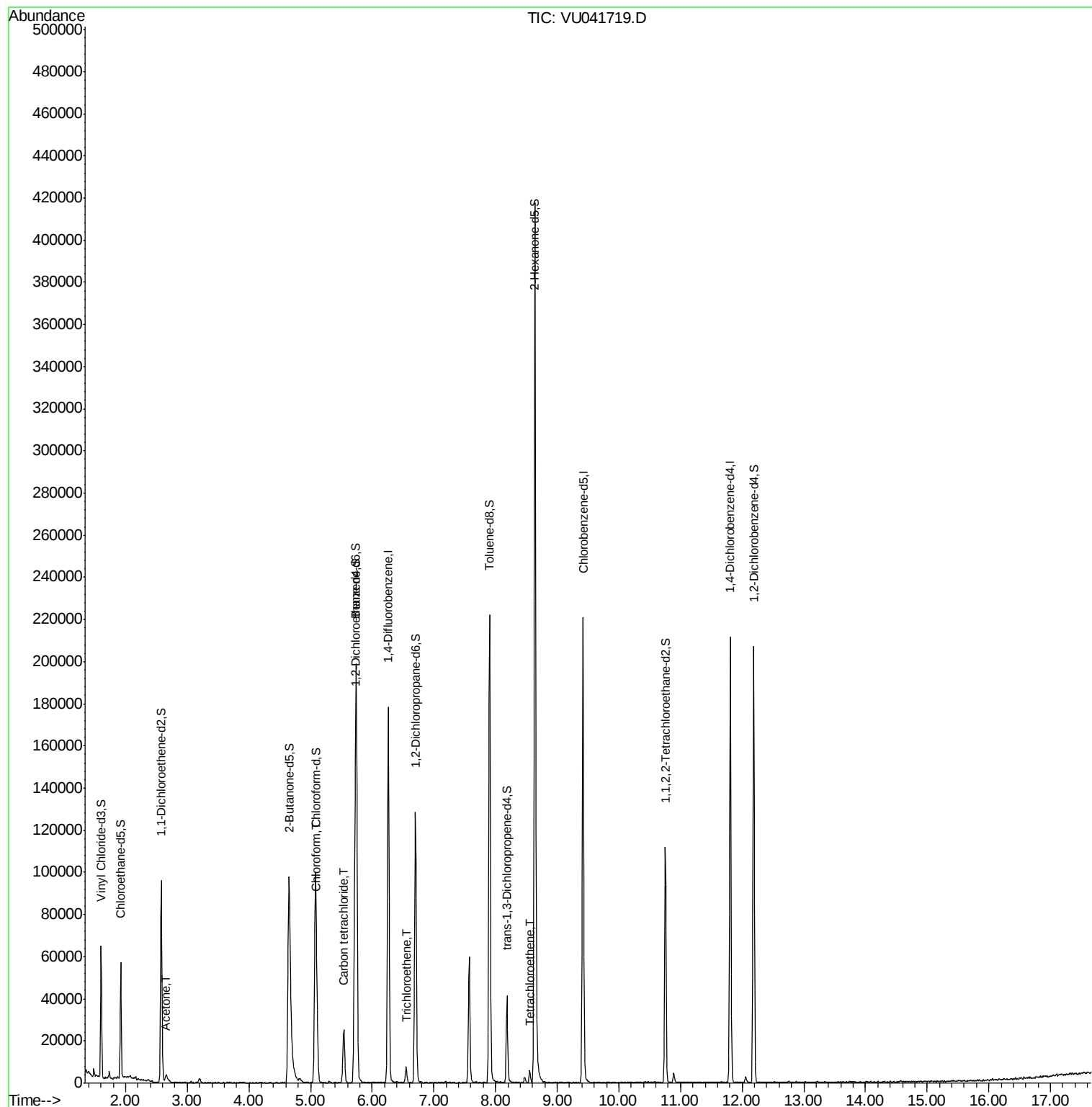
					Ovalue
13) Acetone	2.66	43	6590	3.210	ug/L 61
25) Chloroform	5.11	83	19110	1.007	ug/L 98
31) Carbon tetrachloride	5.54	117	17412	1.410	ug/L 98
34) Trichloroethene	6.55	95	2392	0.239	ug/L 90
47) Tetrachloroethene	8.56	164	1294	0.185	ug/L 91

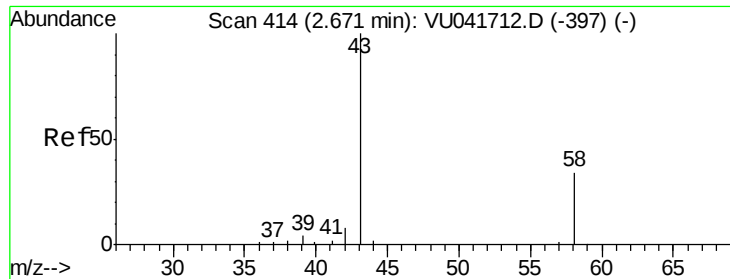
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.210 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU041719.D

Acq: 22 Dec 2020 00:31

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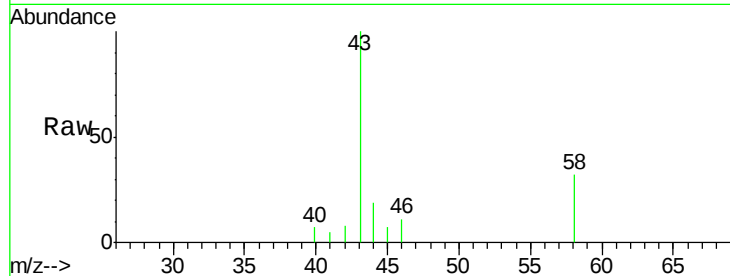
GB228

Tot Ion: 43 Resp: 6590

Ion Ratio Lower Upper

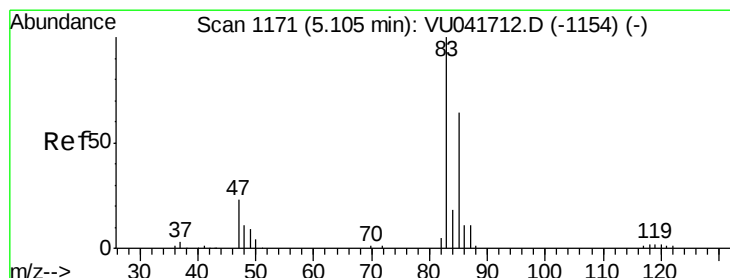
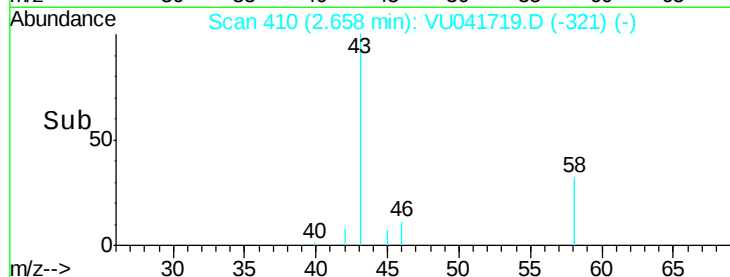
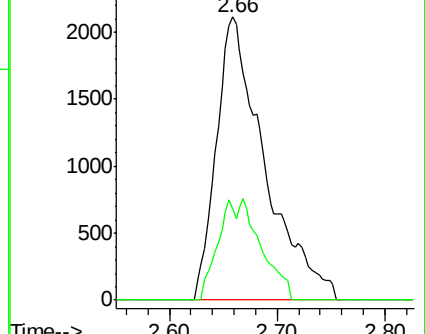
43 100

58 13.7 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 1.007 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041719.D

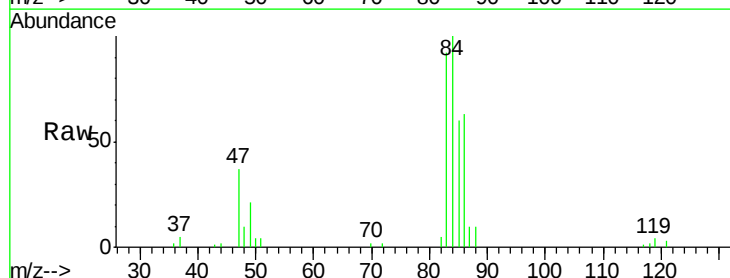
Acq: 22 Dec 2020 00:31

Tgt Ion: 83 Resp: 19110

Ion Ratio Lower Upper

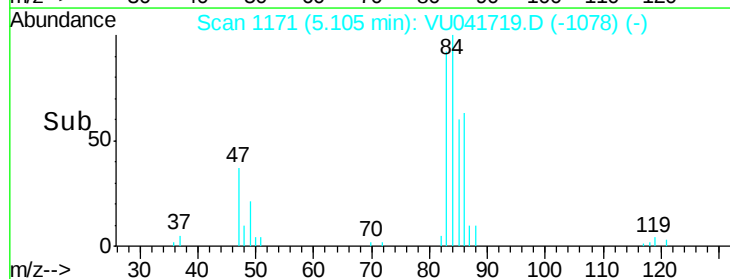
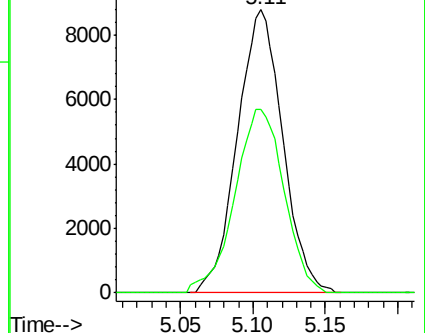
83 100

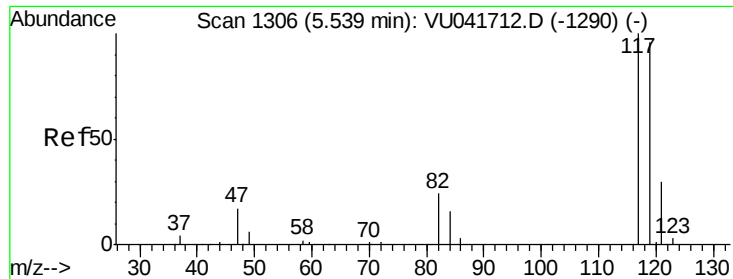
85 65.0 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

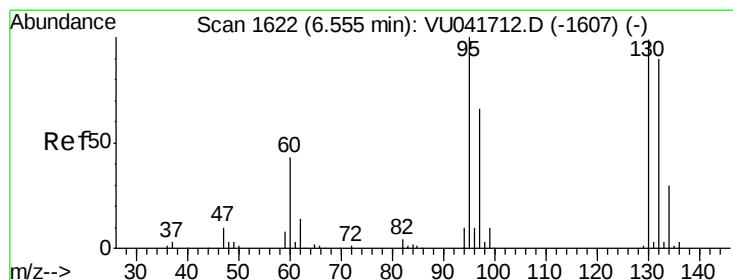
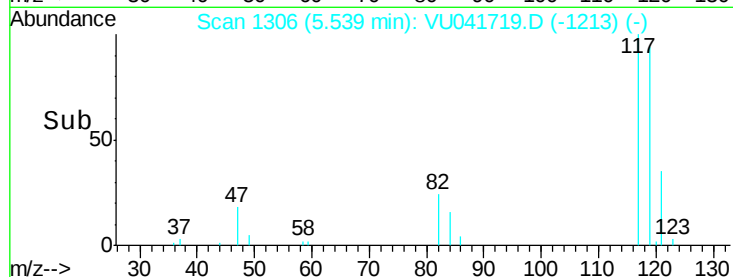
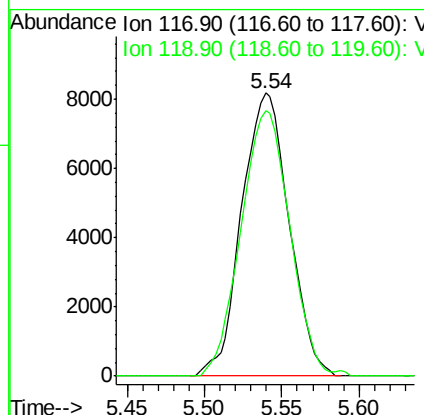
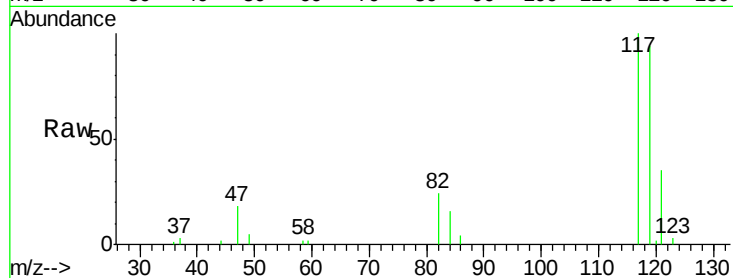




#31
Carbon tetrachloride
Concen: 1.410 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041719.D
Acq: 22 Dec 2020 00:31

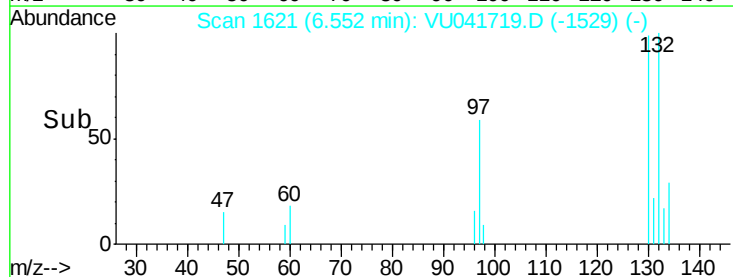
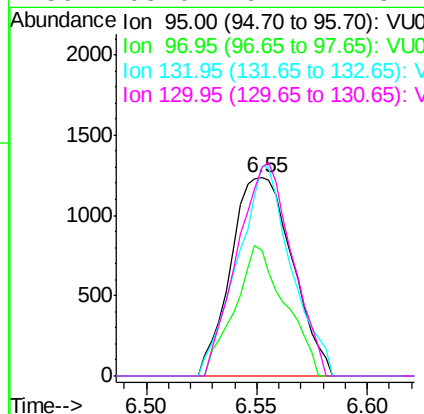
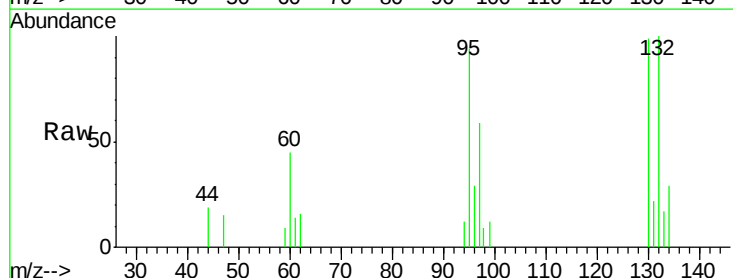
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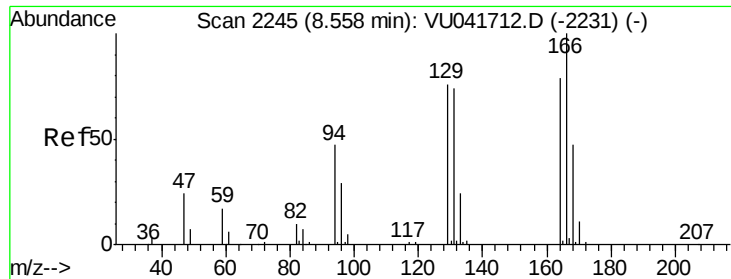
Tot Ion: 117 Resp: 17412
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.2



#34
Trichloroethene
Concen: 0.239 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041719.D
Acq: 22 Dec 2020 00:31

Tgt Ion: 95 Resp: 2392
Ion Ratio Lower Upper
95 100
97 63.0 43.9 81.5
132 106.2 63.1 117.3
130 105.0 67.4 125.2





#47

Tetrachloroethene

Concen: 0.185 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041719.D

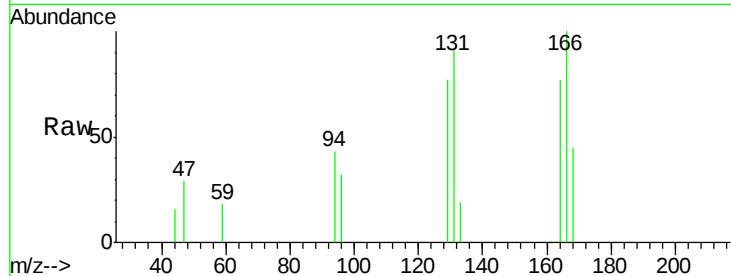
Acq: 22 Dec 2020 00:31

Instrument :

MSVOA_U

ClientSampleId :

GB228



Tot Ion:164 Resp: 1294

Ion Ratio Lower Upper

164 100

129 100.9 72.2 134.0

131 119.3 66.9 124.3

166 130.7 89.6 166.4

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

