

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\
 Data File : VU033077.D
 Acq On : 28 Jun 2019 17:30
 Operator : JC/SP
 Sample : K3598-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM79

Quant Time: Jun 29 00:59:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 29 00:32:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87013	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88757	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42844	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37459	6.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.40%
7) Chloroethane-d5	1.68	69	29206	6.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.40%
11) 1,1-Dichloroethene-d2	2.27	63	57807	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.19	46	93019	52.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.80%
24) Chloroform-d	4.64	84	64428	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.31	65	36484	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.33	84	122544	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.32	67	38738	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.56	98	107913	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.85	79	15615	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.31	63	62119	50.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31994	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	42969	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

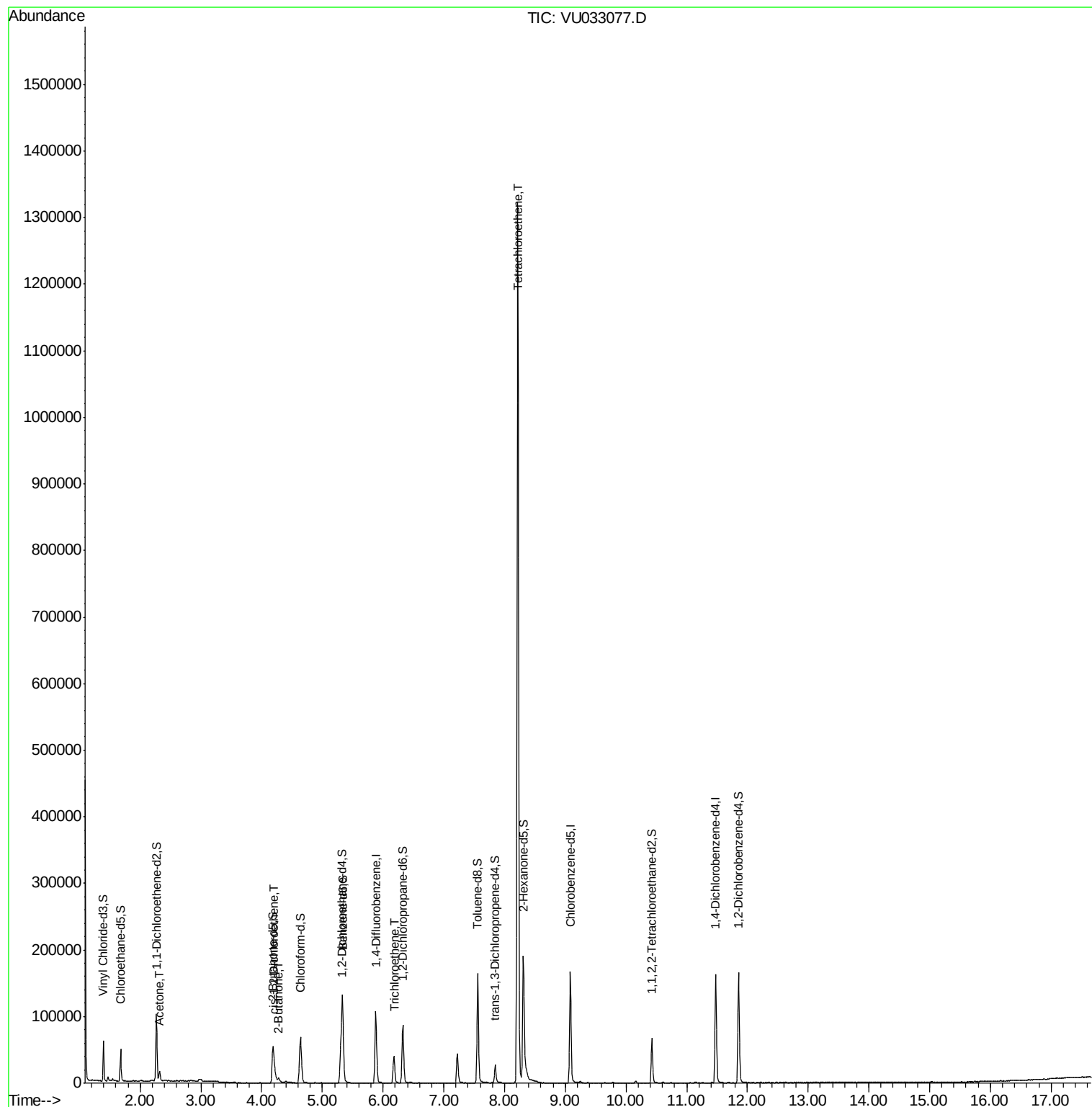
					Ovalue
13) Acetone	2.32	43	15559	10.501 ug/L	98
21) 2-Butanone	4.28	43	8933	4.283 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	2466	0.358 ug/L	82
34) Trichloroethene	6.18	95	13397	1.870 ug/L	99
47) Tetrachloroethene	8.22	164	278160	48.253 ug/L	98

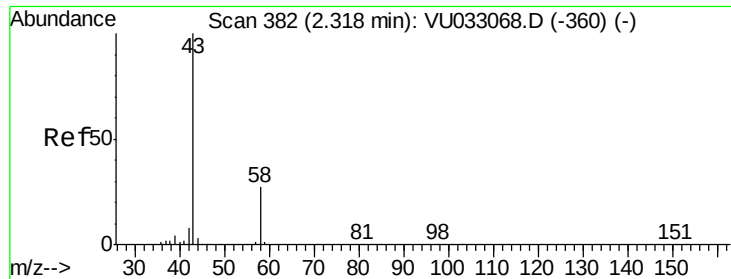
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 10.501 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033077.D

Acq: 28 Jun 2019 17:30

Instrument :

MSVOA_U

ClientSampleId :

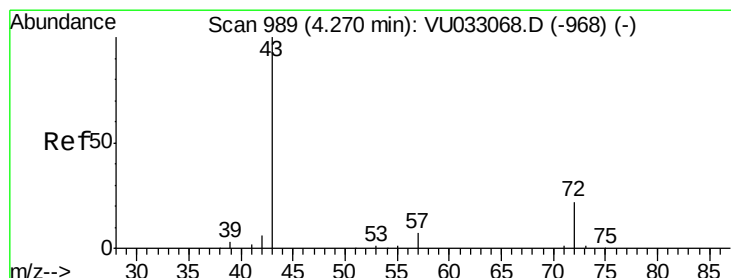
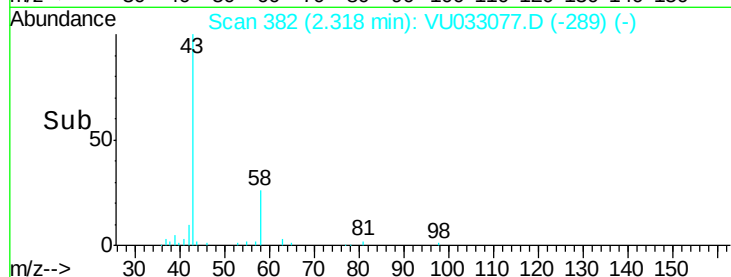
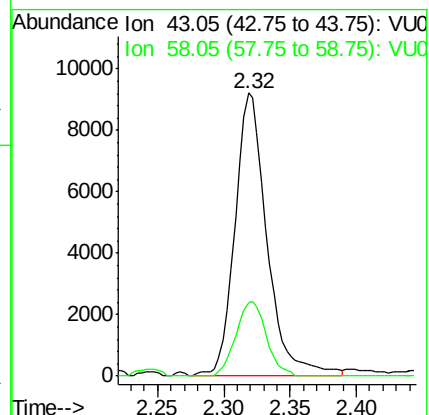
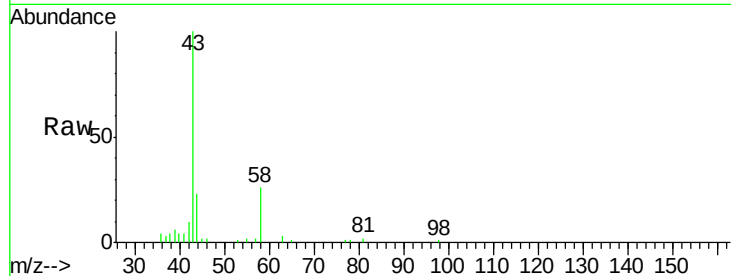
GAM79

Tot Ion: 43 Resp: 15559

Ion Ratio Lower Upper

43 100

58 24.8 0.0 51.8



#21

2-Butanone

Concen: 4.283 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU033077.D

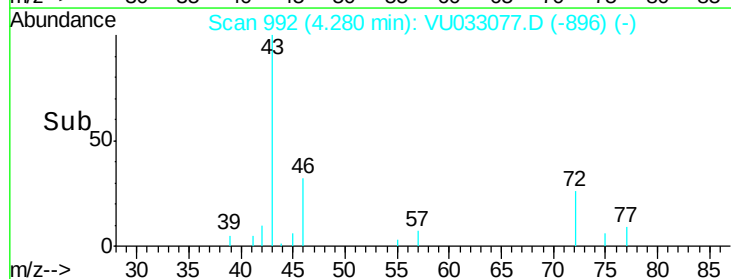
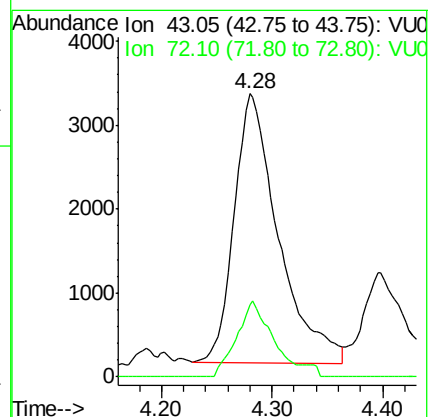
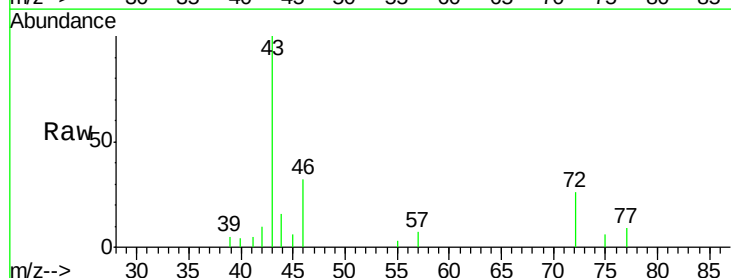
Acq: 28 Jun 2019 17:30

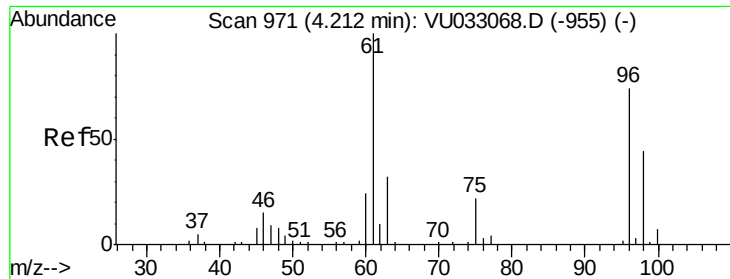
Tgt Ion: 43 Resp: 8933

Ion Ratio Lower Upper

43 100

72 24.2 11.5 34.5



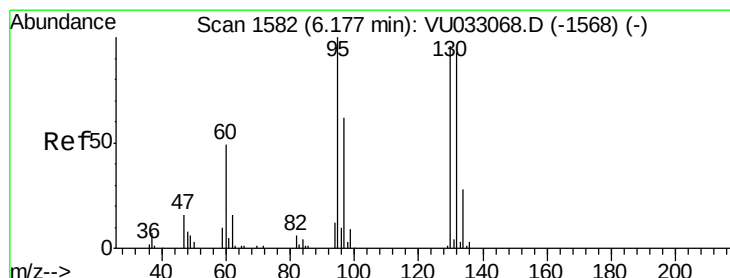
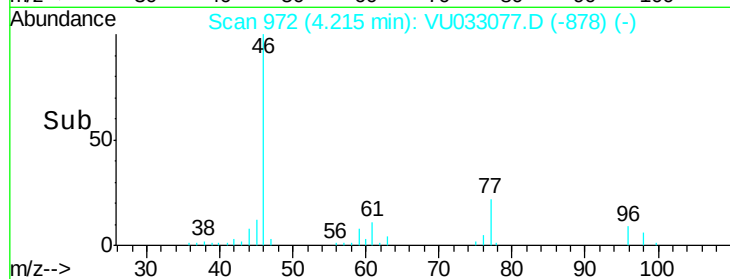
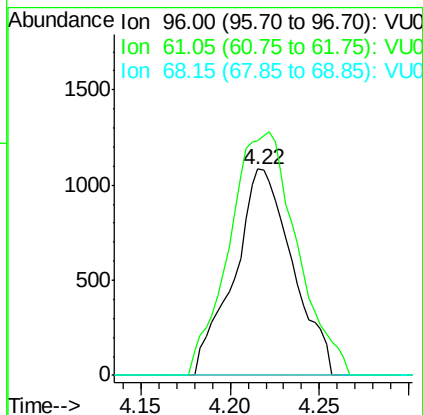
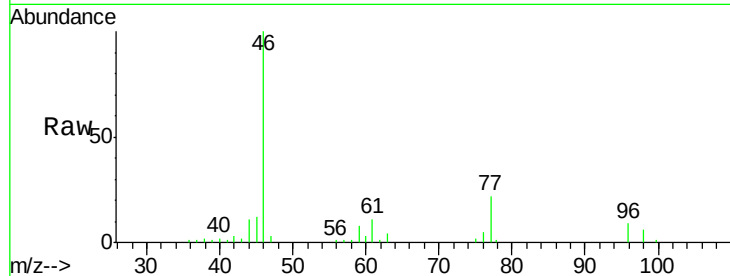


#22

cis-1,2-Dichloroethene
Concen: 0.358 ug/L
RT: 4.22 min Scan# 972
Delta R.T. 0.00 min
Lab File: VU033077.D
Acq: 28 Jun 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
GAM79

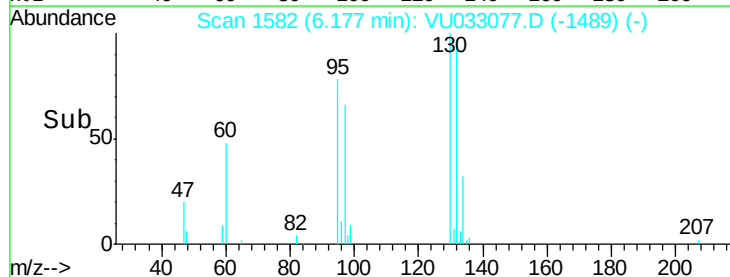
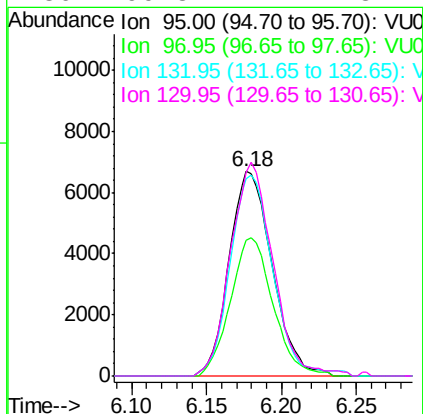
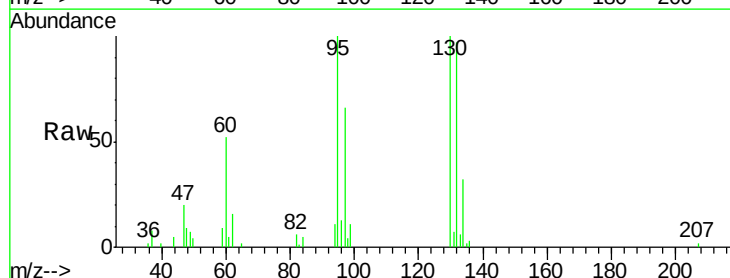
Tot Ion: 96 Resp: 2466
Ion Ratio Lower Upper
96 100
61 113.8 94.6 175.8
68 0.0 0.0 0.0

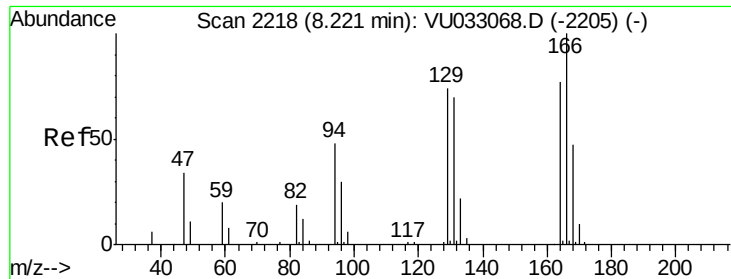


#34

Trichloroethene
Concen: 1.870 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VU033077.D
Acq: 28 Jun 2019 17:30

Tgt Ion: 95 Resp: 13397
Ion Ratio Lower Upper
95 100
97 66.3 46.0 85.4
132 96.6 68.6 127.4
130 99.8 71.1 132.1





#47

Tetrachloroethene

Concen: 48.253 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU033077.D

Acq: 28 Jun 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
GAM79

Tot Ion:164 Resp: 278160

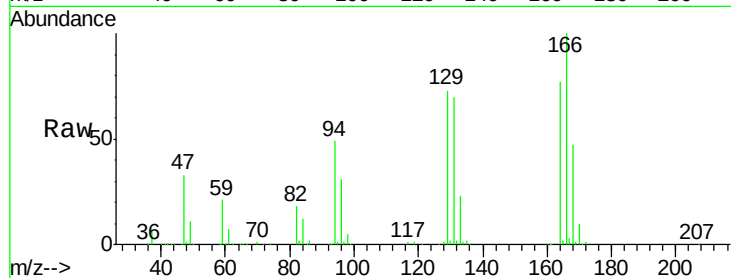
Ion Ratio Lower Upper

164 100

129 94.9 64.9 120.5

131 91.5 63.5 117.9

166 129.9 89.1 165.5



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

