

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050820\
 Data File : VU038085.D
 Acq On : 08 May 2020 15:52
 Operator : JC/MD
 Sample : L2538-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF1

Quant Time: May 09 01:56:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:11:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	369108	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	361095	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	168748	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	145680	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.93	69	123910	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.59	63	179609	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.66	46	375347	45.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.12%
24) Chloroform-d	5.10	84	226563	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.74	65	131759	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.76	84	498672	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.72	67	163179	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.92	98	438922	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.20	79	56333	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.65	63	297792	45.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121080	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	155740	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

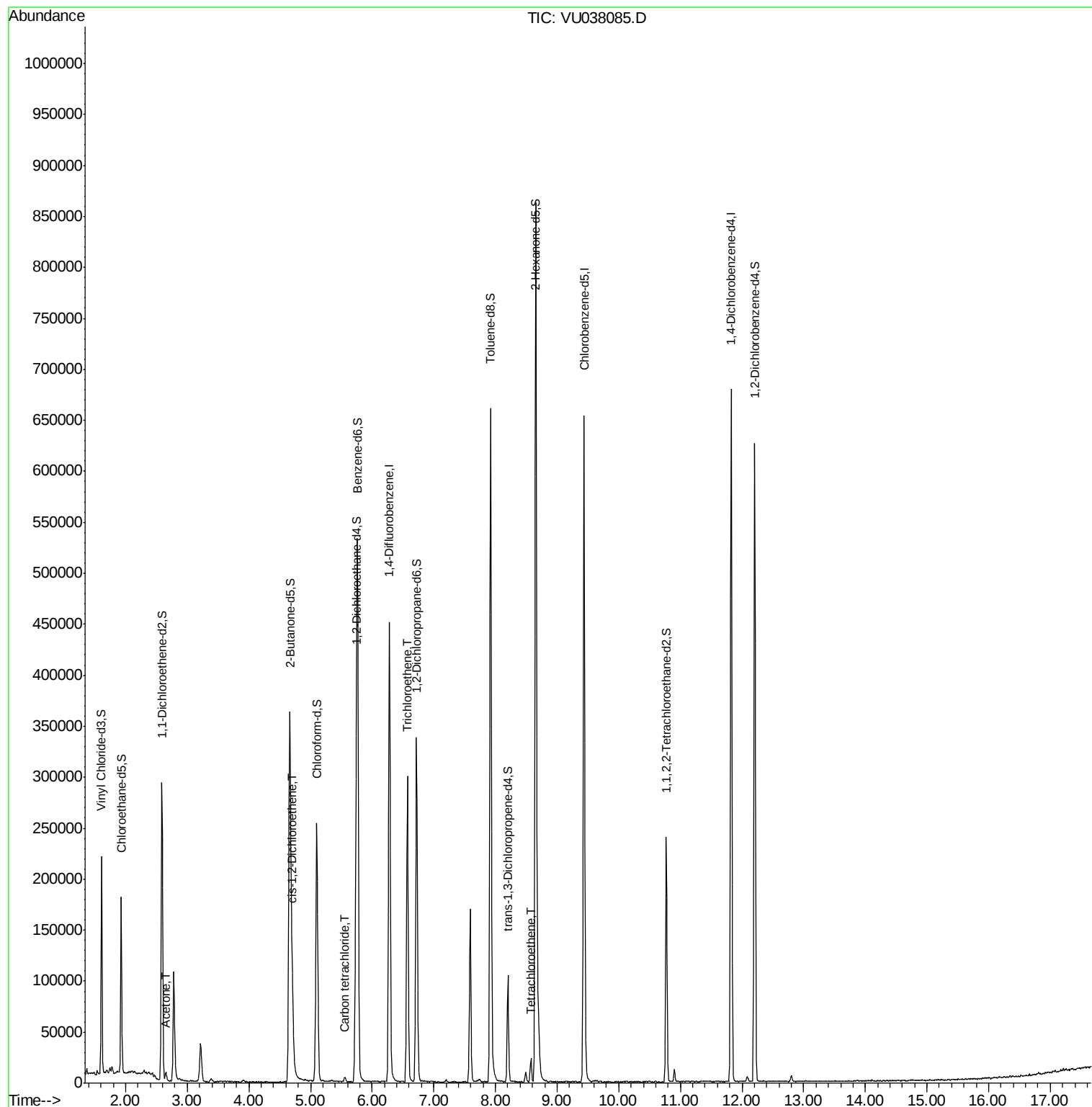
					Ovalue
13) Acetone	2.65	43	8874	1.698 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	33949	1.127 ug/L	96
31) Carbon tetrachloride	5.56	117	2715	0.082 ug/L	87
34) Trichloroethene	6.57	95	100212	3.465 ug/L	99
47) Tetrachloroethene	8.57	164	5286	0.261 ug/L	92

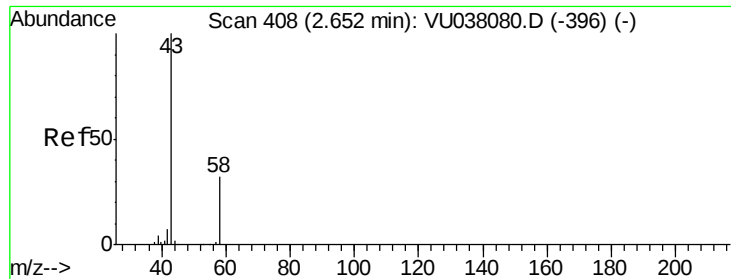
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.698 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038085.D

Acq: 08 May 2020 15:52

Instrument :

MSVOA_U

ClientSampleId :

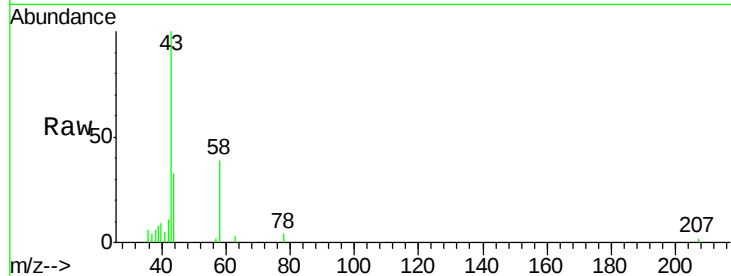
C0AF1

Tot Ion: 43 Resp: 8874

Ion Ratio Lower Upper

43 100

58 33.3 0.0 63.6

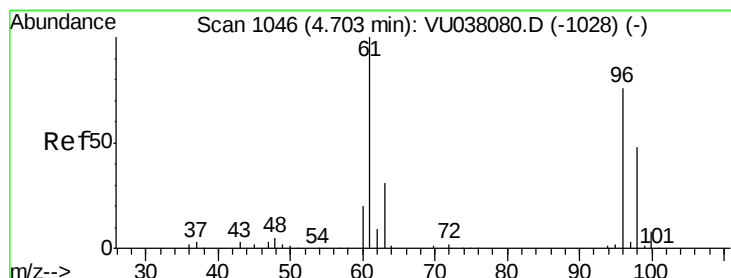
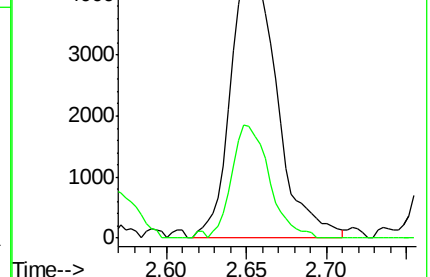
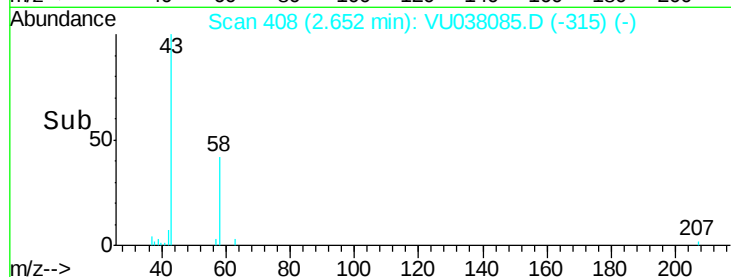


Abundance Ion 43.05 (42.75 to 43.75): VU038085.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU038085.D (-315) (-)

2.65

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.127 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038085.D

Acq: 08 May 2020 15:52

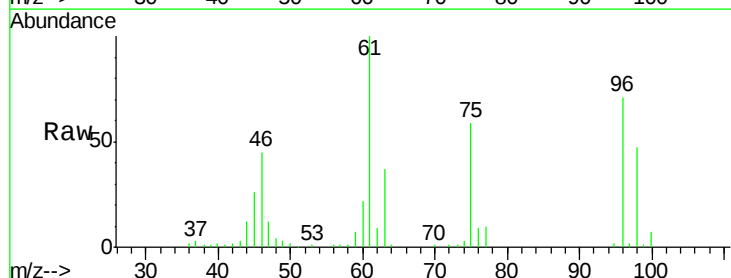
Tgt Ion: 96 Resp: 33949

Ion Ratio Lower Upper

96 100

61 140.7 95.3 176.9

68 0.0 0.0 0.0



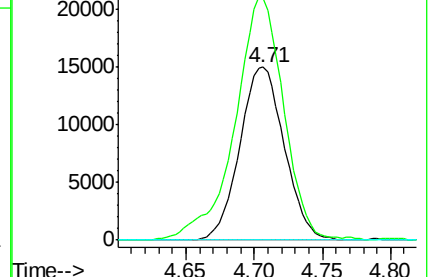
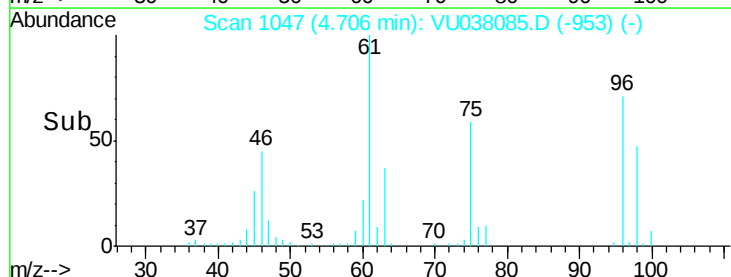
Abundance Ion 96.00 (95.70 to 96.70): VU038085.D (-953) (-)

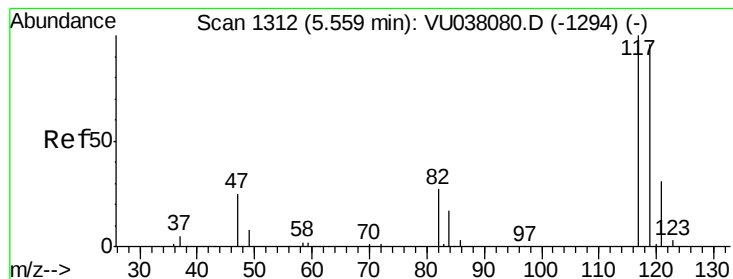
Ion 61.05 (60.75 to 61.75): VU038085.D (-953) (-)

Ion 68.15 (67.85 to 68.85): VU038085.D (-953) (-)

4.71

Time-->





#31

Carbon tetrachloride

Concen: 0.082 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU038085.D

Acq: 08 May 2020 15:52

Instrument :

MSVOA_U

ClientSampleId :

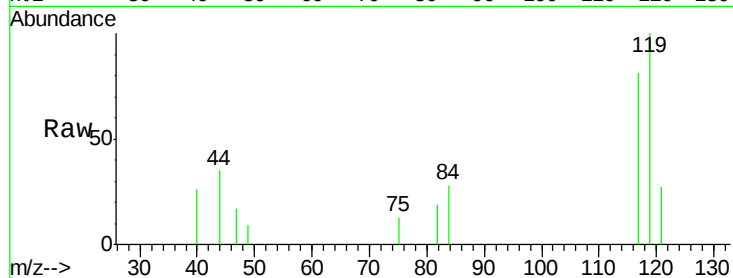
C0AF1

Tot Ion:117 Resp: 2715

Ion Ratio Lower Upper

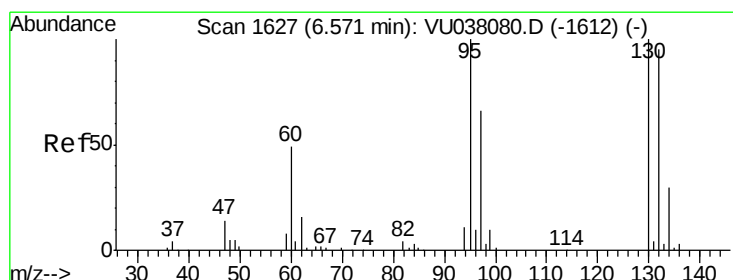
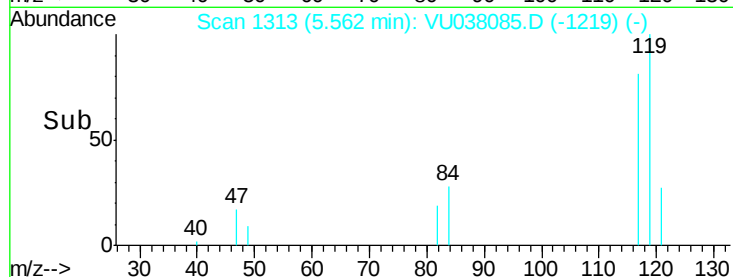
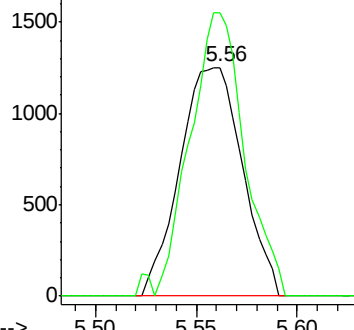
117 100

119 107.1 75.4 113.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 3.465 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038085.D

Acq: 08 May 2020 15:52

Tgt Ion: 95 Resp: 100212

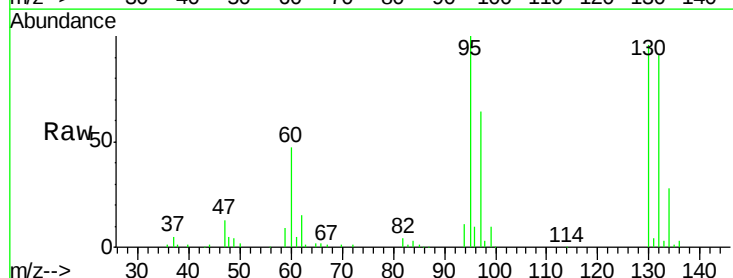
Ion Ratio Lower Upper

95 100

97 64.4 44.9 83.3

132 91.2 63.3 117.5

130 96.0 65.7 122.1

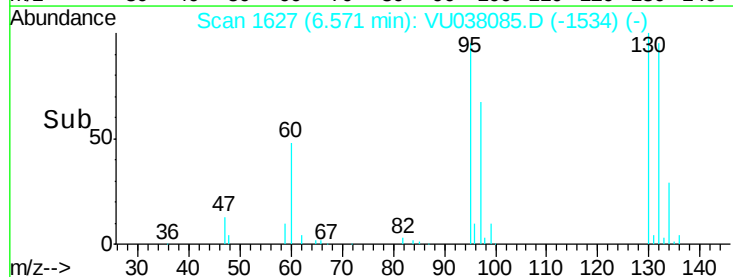
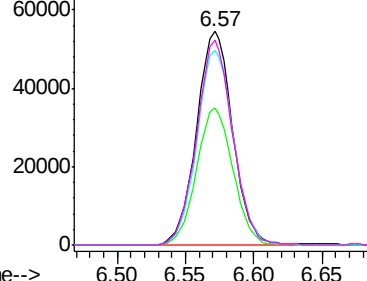


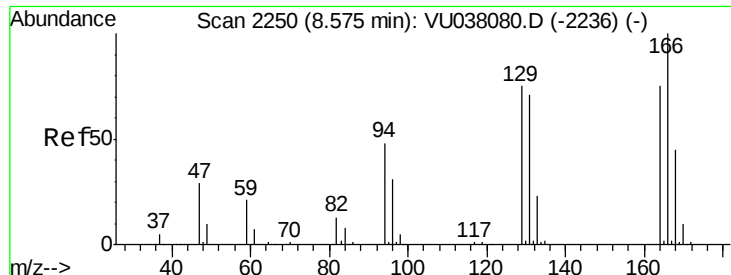
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0





#47

Tetrachloroethene

Concen: 0.261 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038085.D

Acq: 08 May 2020 15:52

Instrument :
MSVOA_U
ClientSampleId :
C0AF1

Tot Ion:164 Resp: 5286

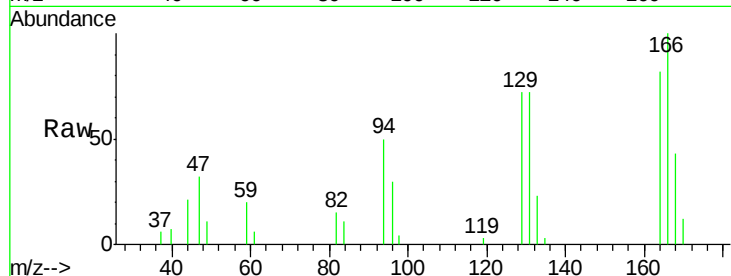
Ion Ratio Lower Upper

164 100

129 87.2 68.8 127.8

131 87.6 66.8 124.2

166 121.7 88.9 165.1



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

