

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\
 Data File : VU036166.D
 Acq On : 12 Dec 2019 22:24
 Operator : JC/MD
 Sample : K6273-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ6

Quant Time: Dec 13 03:52:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 13 02:41:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	260794	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	295628	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	104930	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	120502	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.93	69	117026	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.59	63	133552	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.68	46	238545	56.18	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.36%
24) Chloroform-d	5.11	84	161799	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.75	65	105681	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.77	84	368660	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.73	67	122160	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.93	98	296628	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.21	79	43638	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.68	63	191278	50.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.24%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	115167	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	108783	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

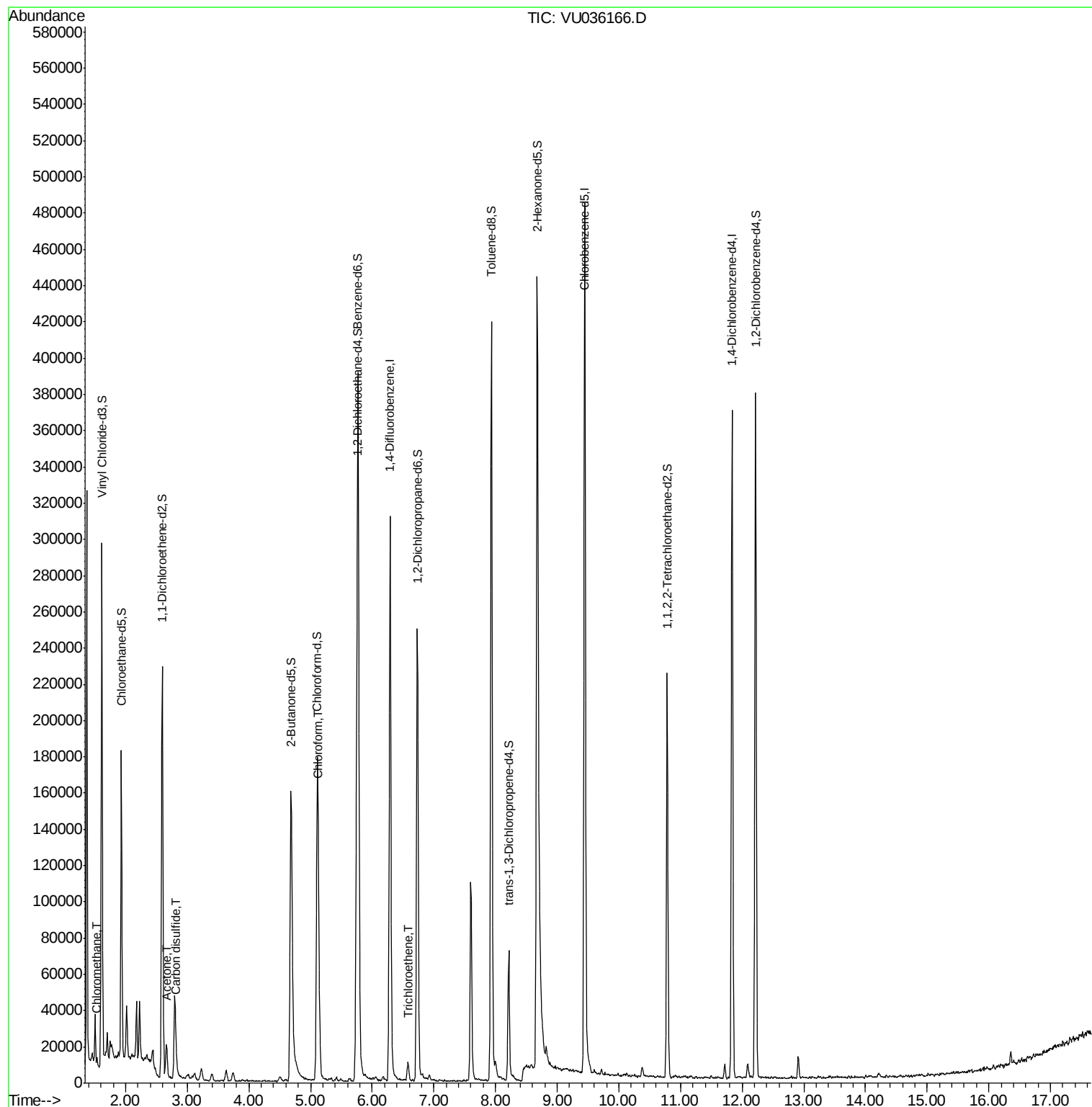
					Ovalue
3) Chloromethane	1.54	50	3607	0.097 ug/L	97
13) Acetone	2.66	43	21808	5.904 ug/L	97
14) Carbon disulfide	2.83	76	8249	0.126 ug/L	98
25) Chloroform	5.13	83	36292	0.915 ug/L	98
34) Trichloroethene	6.57	95	2975	0.128 ug/L	94

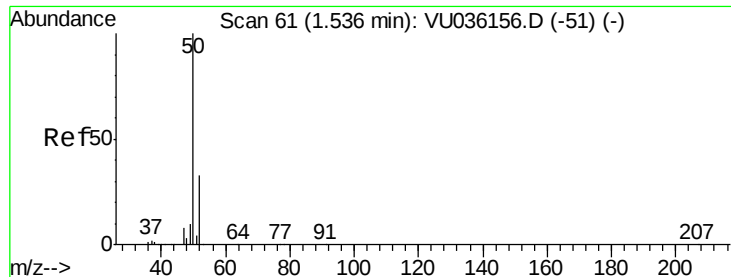
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.097 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036166.D

Acq: 12 Dec 2019 22:24

Instrument :

MSVOA_U

ClientSampleId :

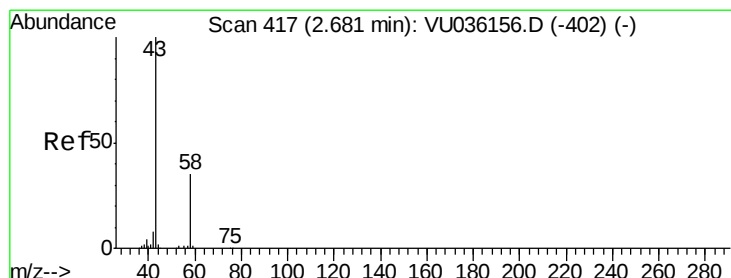
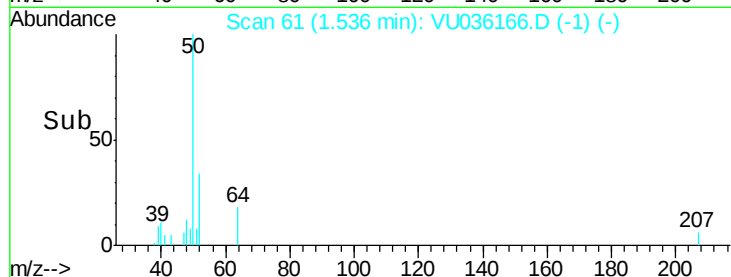
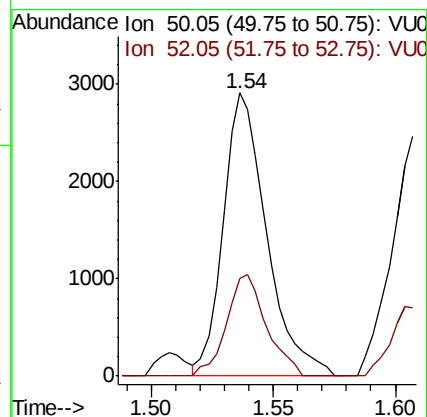
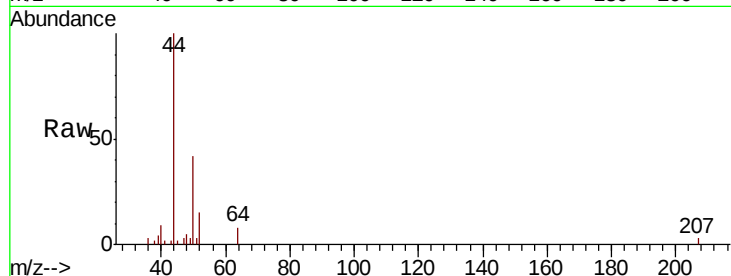
BFDQ6

Tot Ion: 50 Resp: 3607

Ion Ratio Lower Upper

50 100

52 34.4 23.0 42.8



#13

Acetone

Concen: 5.904 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036166.D

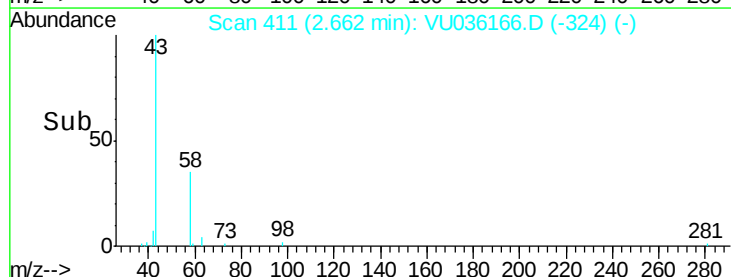
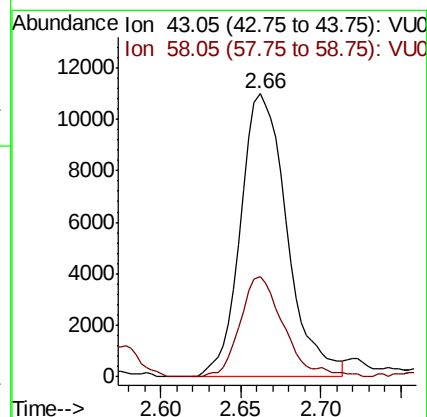
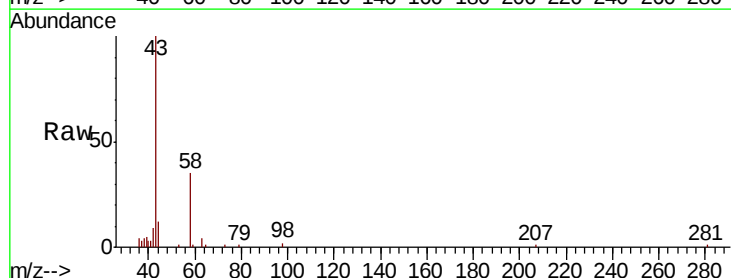
Acq: 12 Dec 2019 22:24

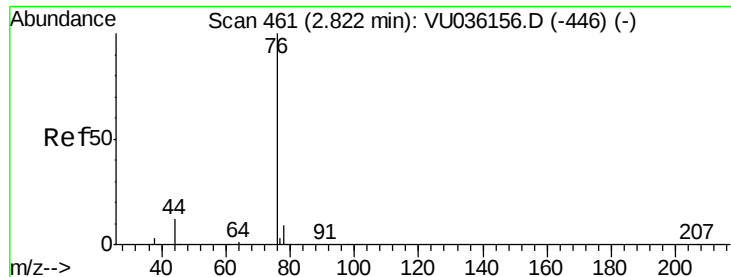
Tgt Ion: 43 Resp: 21808

Ion Ratio Lower Upper

43 100

58 33.1 0.0 70.0





#14

Carbon disulfide

Concen: 0.126 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036166.D

Acq: 12 Dec 2019 22:24

Instrument :

MSVOA_U

ClientSampleId :

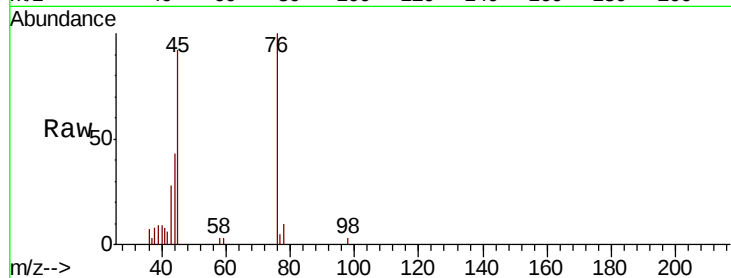
BFDQ6

Tot Ion: 76 Resp: 8249

Ion Ratio Lower Upper

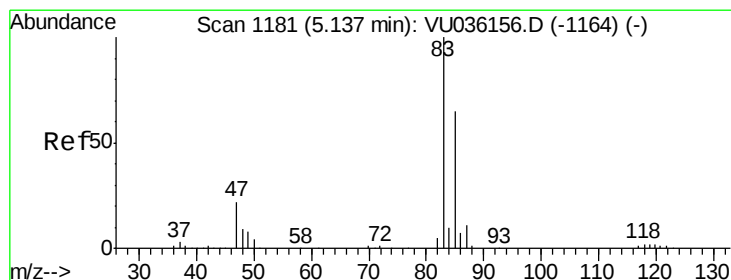
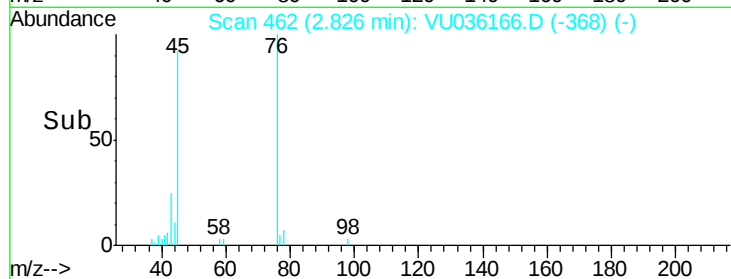
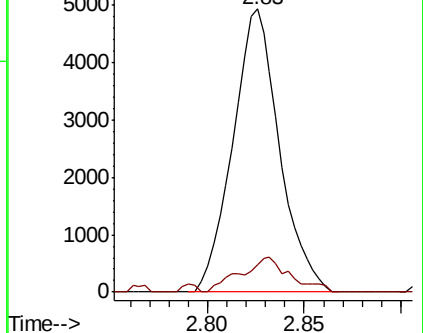
76 100

78 9.6 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU036156.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU036156.D (-446) (-)



#25

Chloroform

Concen: 0.915 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036166.D

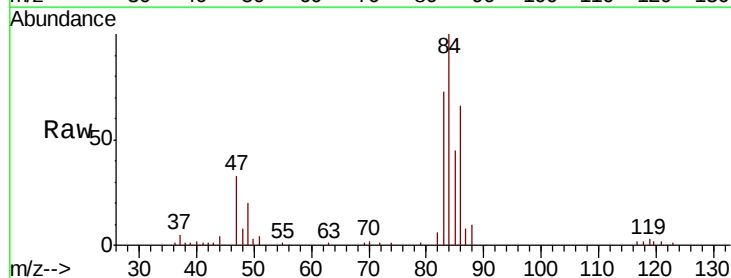
Acq: 12 Dec 2019 22:24

Tgt Ion: 83 Resp: 36292

Ion Ratio Lower Upper

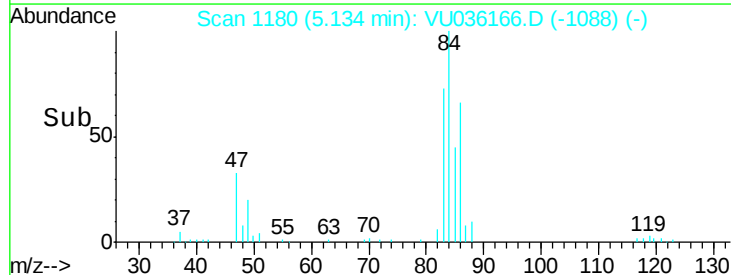
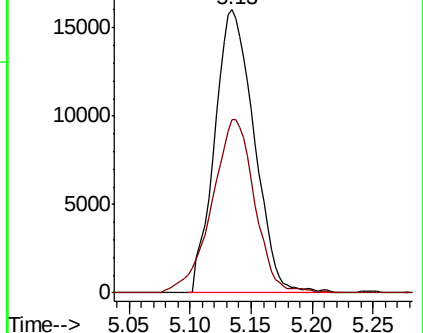
83 100

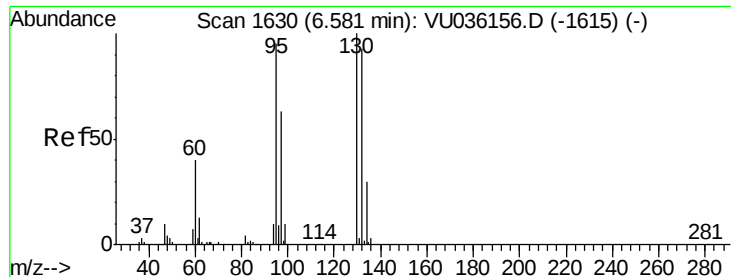
85 61.3 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU036156.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU036156.D (-1164) (-)





#34

Trichloroethene

Concen: 0.128 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VU036166.D

Acq: 12 Dec 2019 22:24

Instrument :

MSVOA_U

ClientSampleId :

BFDQ6

Tot Ion: 95 Resp: 2975

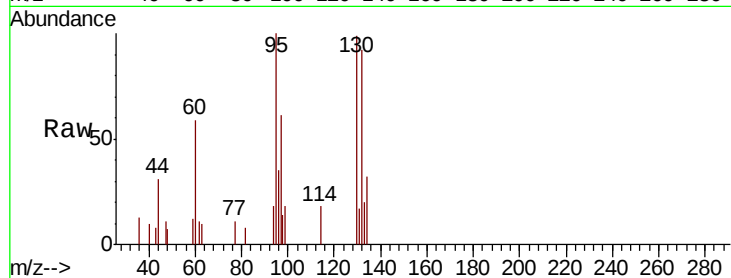
Ion Ratio Lower Upper

95 100

97 61.5 43.7 81.1

132 91.8 71.7 133.3

130 98.8 73.1 135.7



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): V

Ion 129.95 (129.65 to 130.65): V

