

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037672.D
 Acq On : 10 Apr 2020 14:54
 Operator : JC/MD
 Sample : L2217-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 23:31:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 23:26:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	509740	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	486555	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	233115	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	187764	42.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.28%
7) Chloroethane-d5	1.93	69	156262	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.78%
11) 1,1-Dichloroethene-d2	2.59	63	241215	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
21) 2-Butanone-d5	4.66	46	360364	99.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.81%
24) Chloroform-d	5.10	84	301210	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	5.74	65	218324	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
32) Benzene-d6	5.76	84	651577	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
36) 1,2-Dichloropropane-d6	6.72	67	223192	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.68%
41) Toluene-d8	7.92	98	586966	44.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.46%
43) trans-1,3-Dichloropropene-	8.20	79	114543	44.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.94%
47) 2-Hexanone-d5	8.65	63	261857	95.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.99%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	316201	46.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.96%
64) 1,2-Dichlorobenzene-d4	12.20	152	216405	44.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.22%

Target Compounds

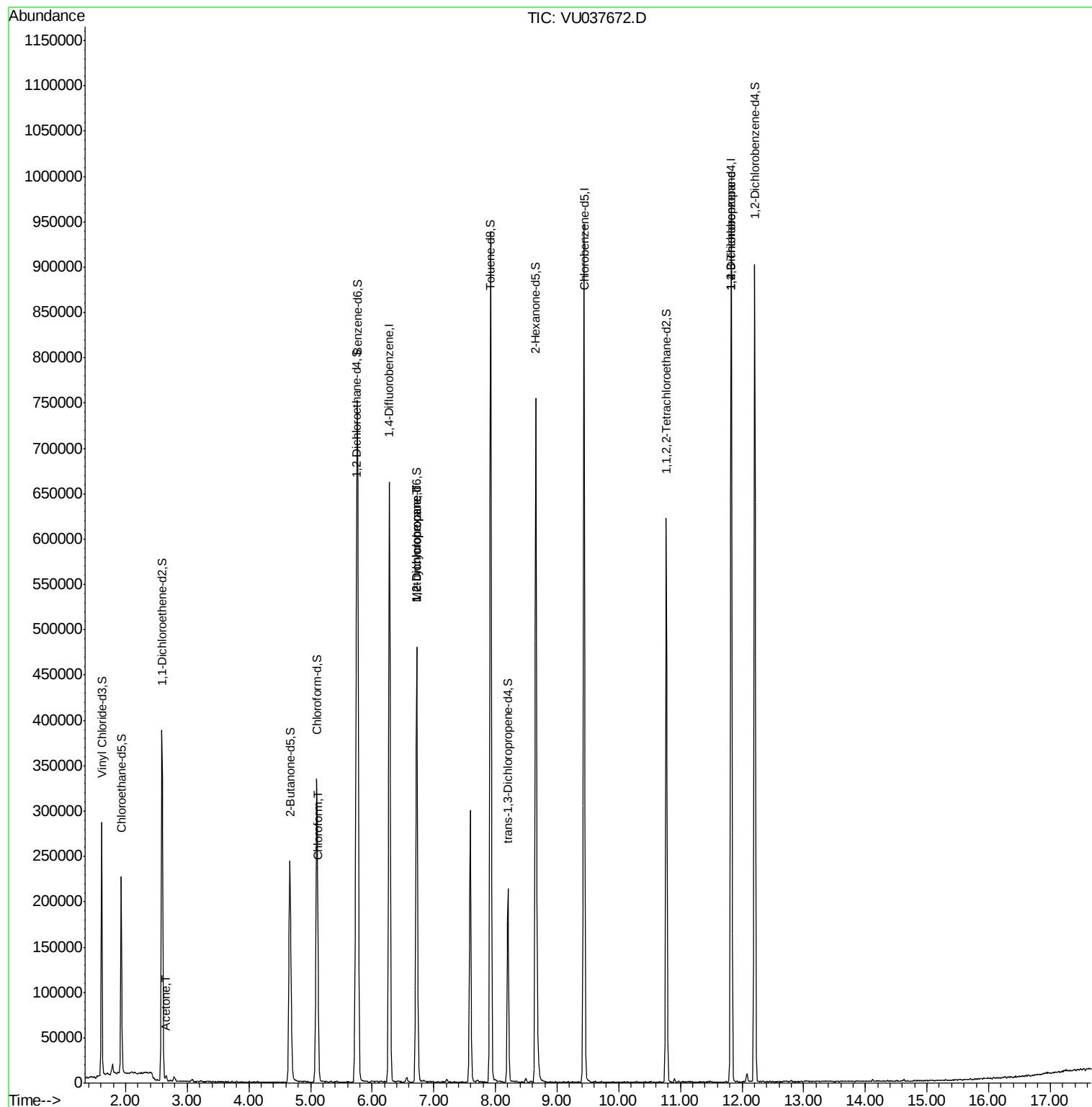
					Ovalue
13) Acetone	2.65	43	7247	3.399 ug/L	87
25) Chloroform	5.13	83	6023	0.934 ug/L	95
35) Methylcyclohexane	6.72	83	49338	7.629 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	23879	5.869 ug/L #	87
59) 1,2,3-Trichloropropane	11.83	75	31565	5.711 ug/L	89

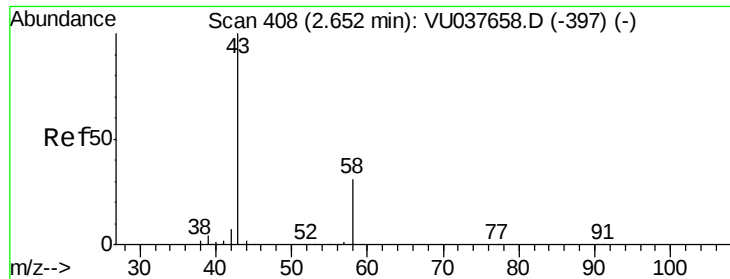
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.399 ug/L

RT: 2.65 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037672.D

Acq: 10 Apr 2020 14:54

Instrument :

MSVOA_U

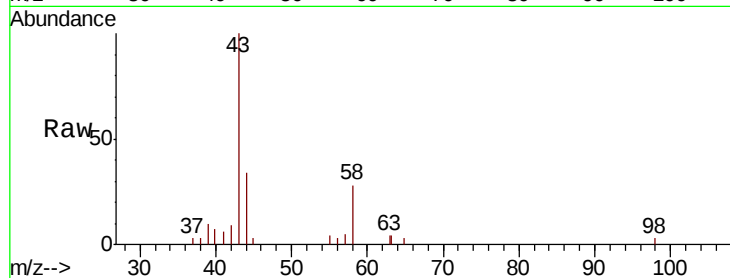
ClientSampleId :

Tot Ion: 43 Resp: 7247

Ion Ratio Lower Upper

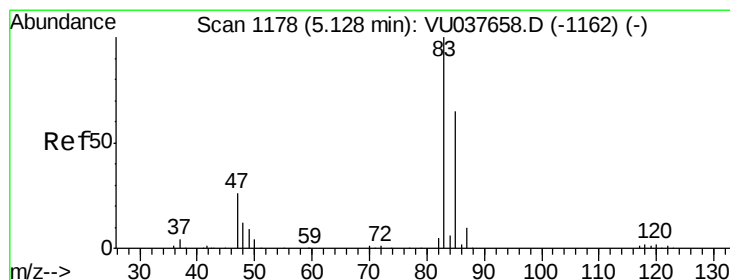
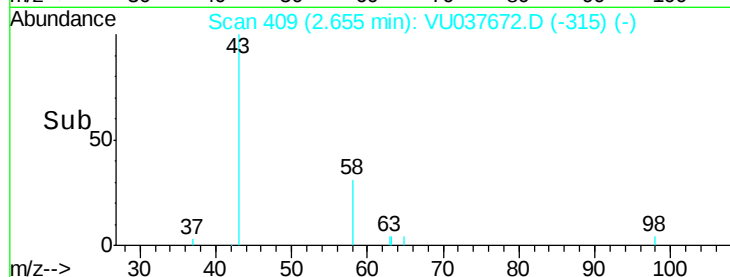
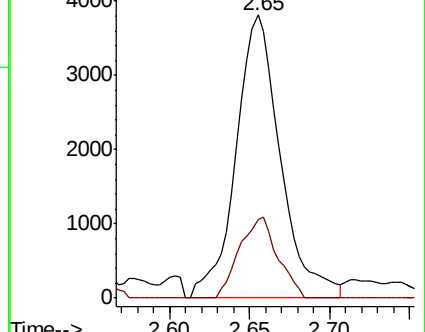
43 100

58 24.4 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VU037672.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU037672.D (-315) (-)



#25

Chloroform

Concen: 0.934 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU037672.D

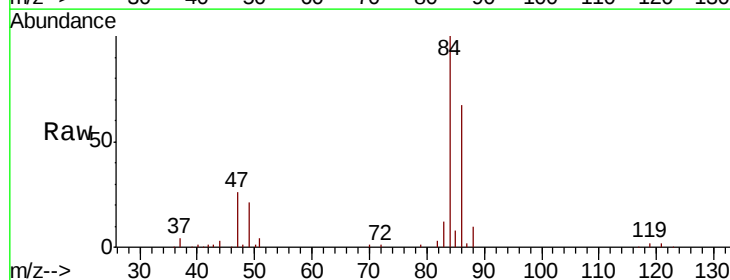
Acq: 10 Apr 2020 14:54

Tgt Ion: 83 Resp: 6023

Ion Ratio Lower Upper

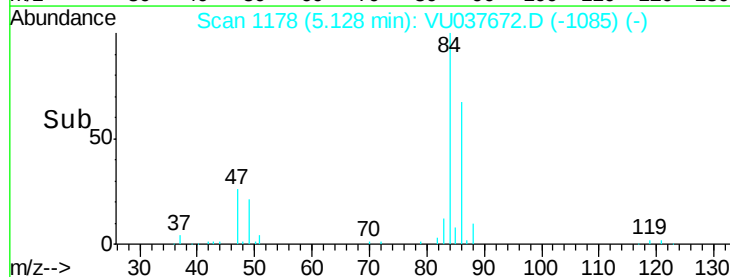
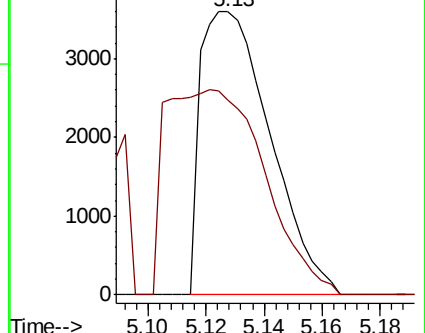
83 100

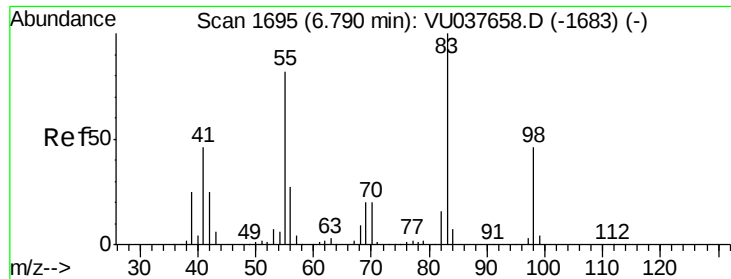
85 69.1 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VU037672.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU037672.D (-1085) (-)

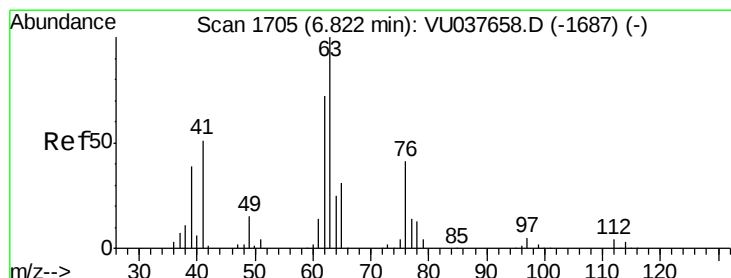
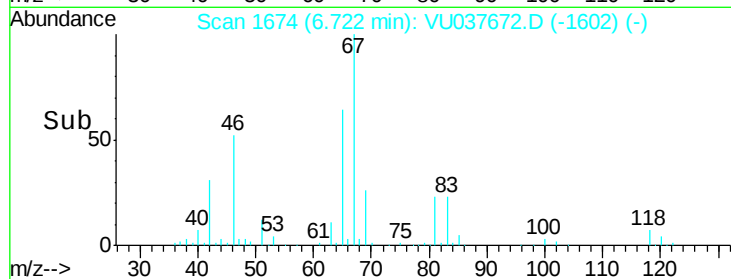
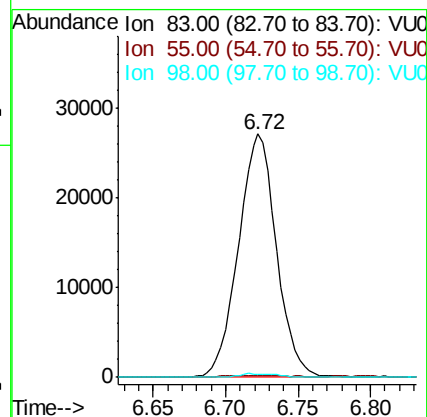
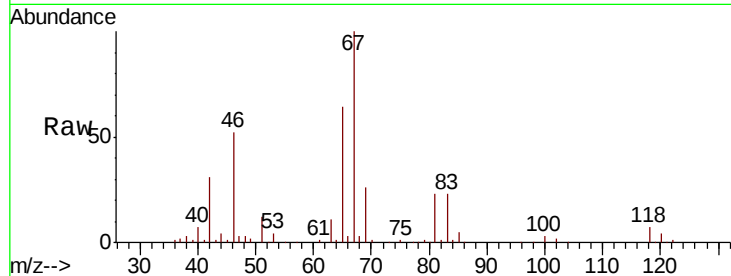




#35
Methvlcvclohexane
Concen: 7.629 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037672.D
Acq: 10 Apr 2020 14:54

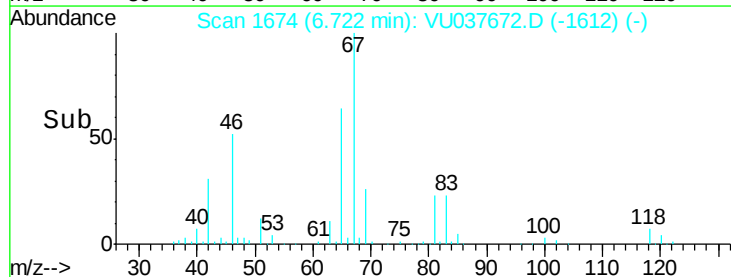
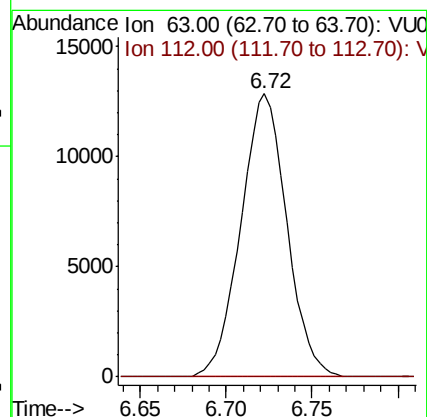
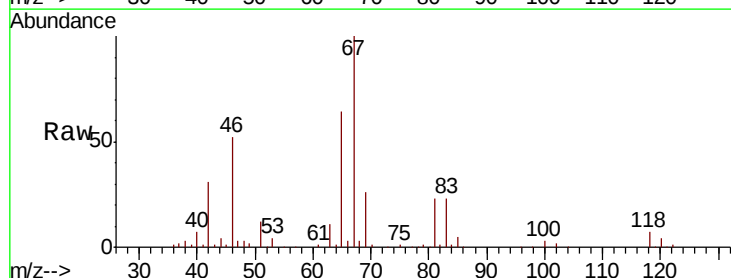
Instrument :
MSVOA_U
ClientSampleId :

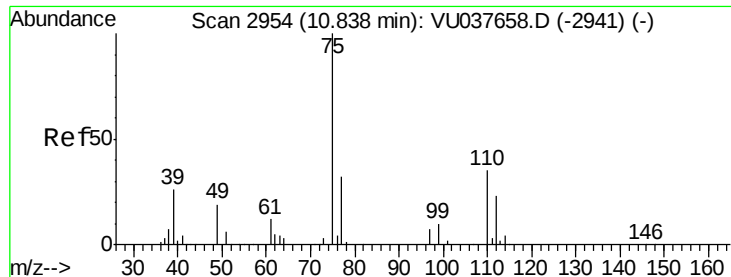
Tot Ion: 83 Resp: 49338
Ion Ratio Lower Upper
83 100
55 0.4 64.6 96.8#
98 0.8 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 5.869 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037672.D
Acq: 10 Apr 2020 14:54

Tgt Ion: 63 Resp: 23879
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#59

1,2,3-Trichloropropane

Concen: 5.711 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037672.D

Acq: 10 Apr 2020 14:54

Instrument :

MSVOA_U

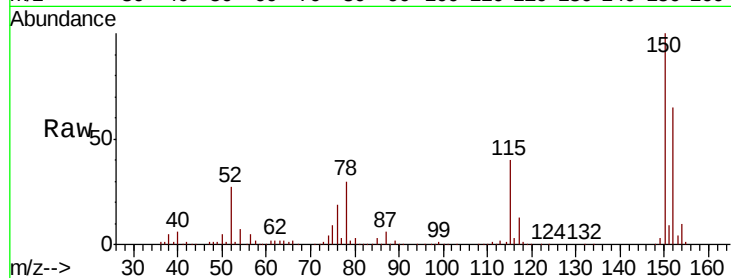
ClientSampleId :

Tot Ion: 75 Resp: 31565

Ion Ratio Lower Upper

75 100

77 38.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

