

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037119.D
 Acq On : 06 Mar 2020 19:18
 Operator : JC/MD
 Sample : L1834-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:04:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	259167	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	245497	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	84204	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86936	39.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.88%
7) Chloroethane-d5	1.93	69	81854	45.45	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.90%
11) 1,1-Dichloroethene-d2	2.59	63	114705	31.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.94%
21) 2-Butanone-d5	4.67	46	134175	91.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.91%
24) Chloroform-d	5.10	84	148637	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	5.74	65	102407	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
32) Benzene-d6	5.76	84	321862	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
36) 1,2-Dichloropropane-d6	6.72	67	105037	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.34%
41) Toluene-d8	7.93	98	277220	42.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.18%
43) trans-1,3-Dichloropropene-	8.20	79	41881	39.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.36%
47) 2-Hexanone-d5	8.66	63	86705	77.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	141898	43.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.52%
64) 1,2-Dichlorobenzene-d4	12.21	152	77795	47.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.52%

Target Compounds

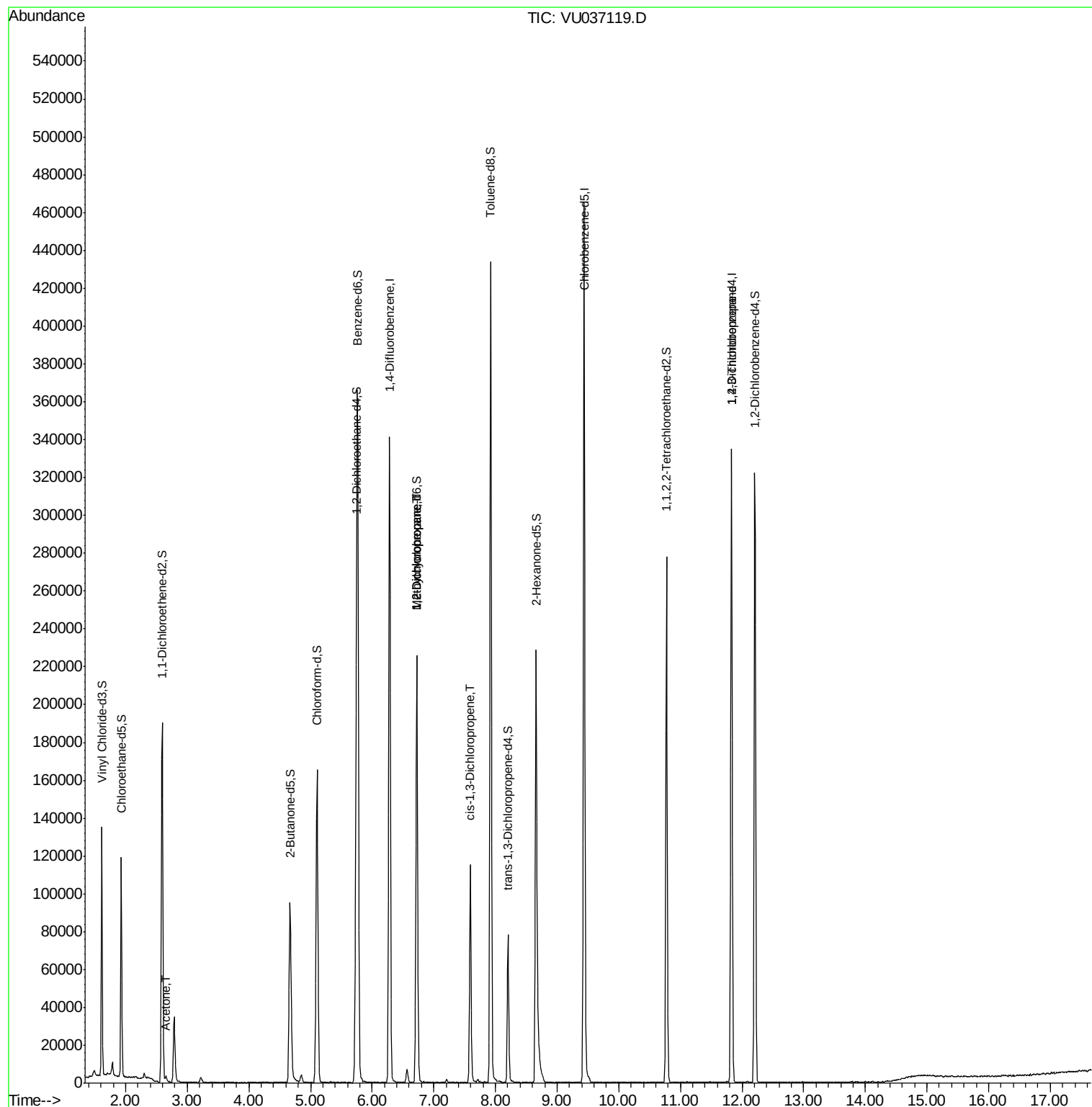
					Ovalue
13) Acetone	2.66	43	3168	2.110 ug/L	96
35) Methylcyclohexane	6.72	83	22986	6.955 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	11725	5.615 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2899	0.901 ug/L #	64
59) 1,2,3-Trichloropropane	11.83	75	13678	5.092 ug/L	97

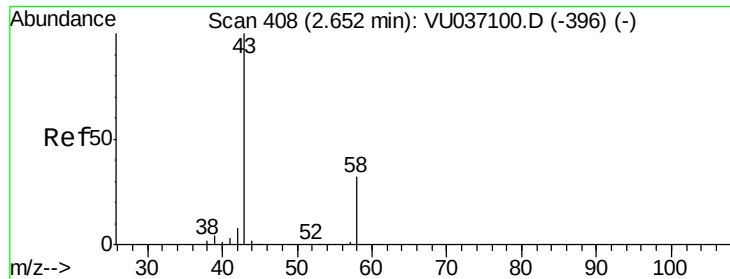
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.110 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037119.D

Acq: 06 Mar 2020 19:18

Instrument :

MSVOA_U

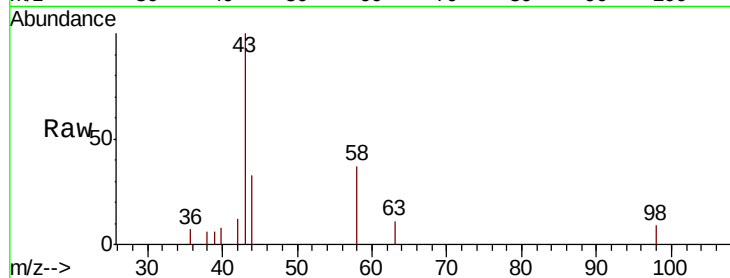
ClientSampleId :

Tot Ion: 43 Resp: 3168

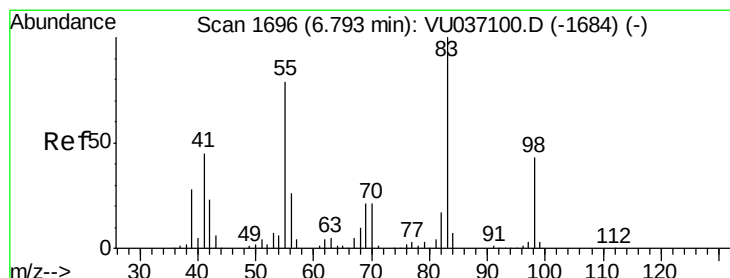
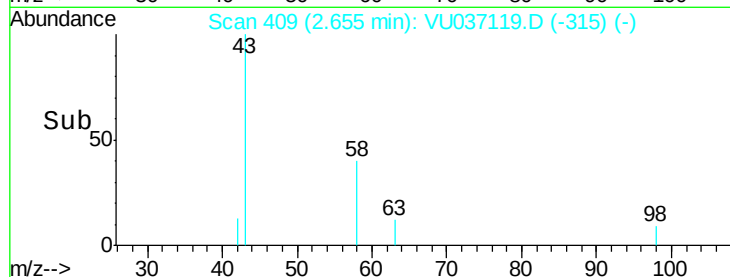
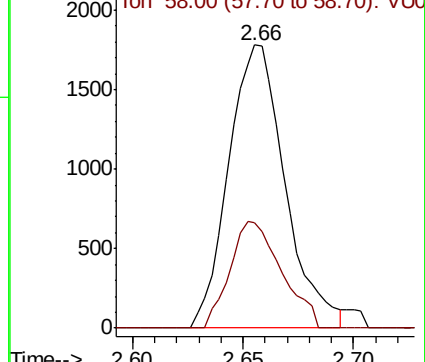
Ion Ratio Lower Upper

43 100

58 34.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037119.D (-315) (-)



#35

Methylcyclohexane

Concen: 6.955 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037119.D

Acq: 06 Mar 2020 19:18

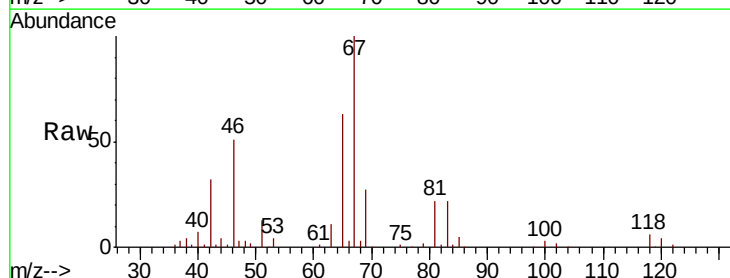
Tgt Ion: 83 Resp: 22986

Ion Ratio Lower Upper

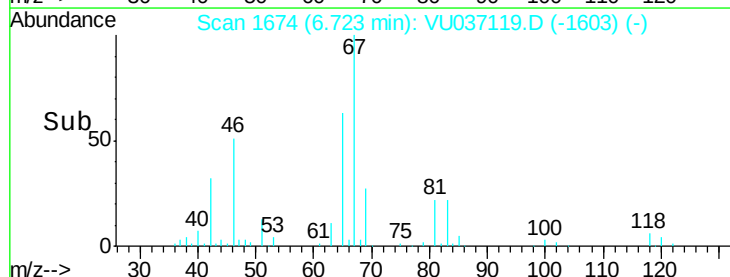
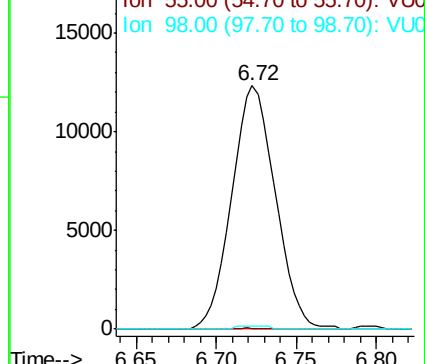
83 100

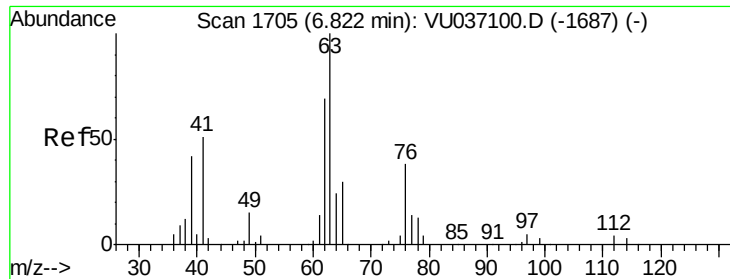
55 0.0 62.6 93.8#

98 0.9 35.1 52.7#



Abundance Ion 83.00 (82.70 to 83.70): VU037119.D (-1603) (-)

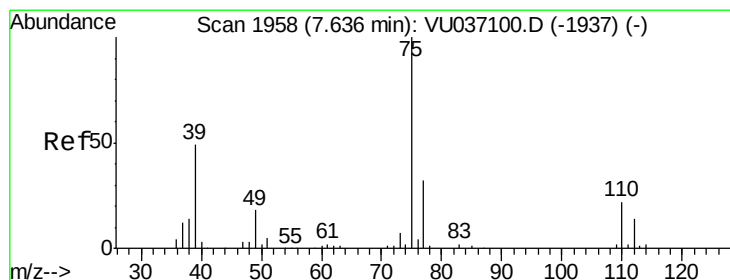
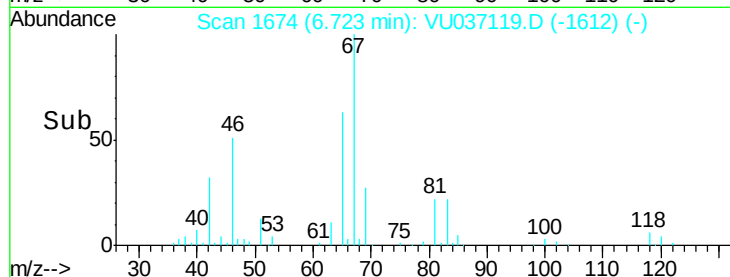
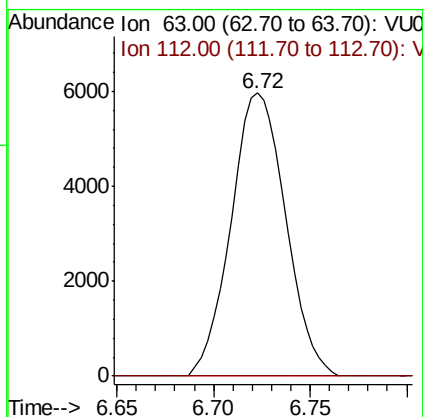
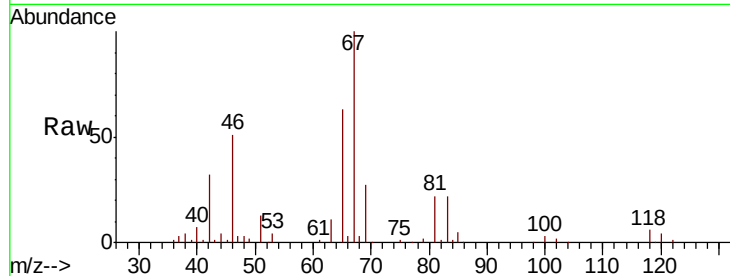




#37
 1,2-Dichloropropane
 Concen: 5.615 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037119.D
 Acq: 06 Mar 2020 19:18

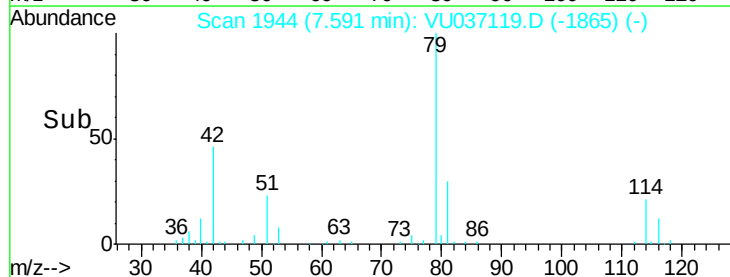
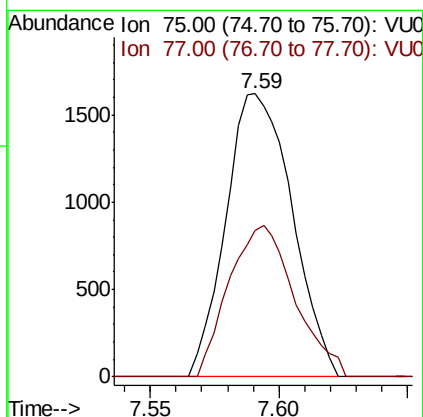
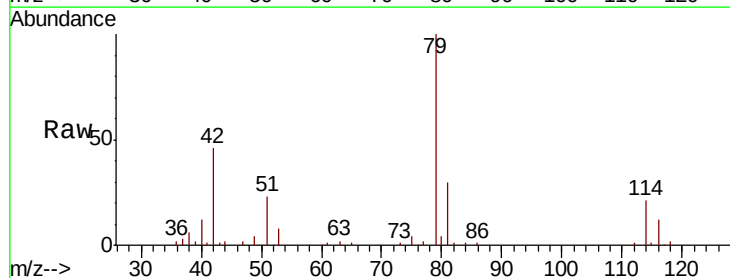
Instrument :
 MSVOA_U
 ClientSampled :

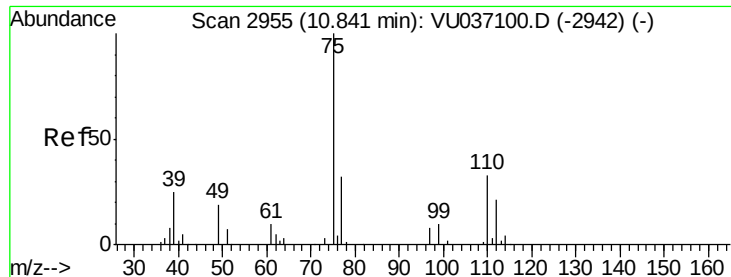
Tot Ion: 63 Resp: 11725
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.901 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037119.D
 Acq: 06 Mar 2020 19:18

Tgt Ion: 75 Resp: 2899
 Ion Ratio Lower Upper
 75 100
 77 51.7 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 5.092 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037119.D

Acq: 06 Mar 2020 19:18

Instrument :

MSVOA_U

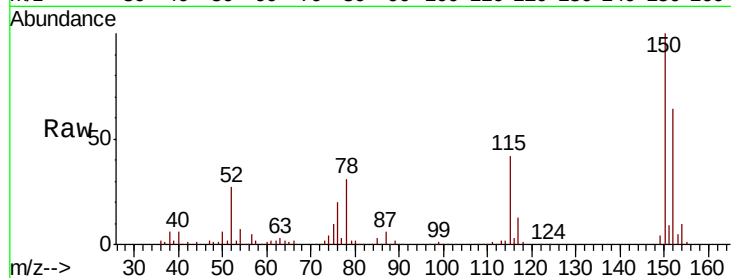
ClientSampleId :

Tot Ion: 75 Resp: 13678

Ion Ratio Lower Upper

75 100

77 34.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

