

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025561.D
 Acq On : 20 Jul 2018 22:45
 Operator : MD/SY
 Sample : J4097-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:55:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 02:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	318228	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	288090	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132794	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77583	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.40%
7) Chloroethane-d5	1.68	69	66619	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.92%
11) 1,1-Dichloroethene-d2	2.27	63	129288	34.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.36%
21) 2-Butanone-d5	4.18	46	138053	98.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.43%
24) Chloroform-d	4.65	84	181317	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
26) 1,2-Dichloroethane-d4	5.31	65	125766	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.35	84	351002	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.34	67	115672	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.18%
41) Toluene-d8	7.57	98	327850	46.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.54%
43) trans-1,3-Dichloropropene-	7.85	79	52945	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.08%
47) 2-Hexanone-d5	8.31	63	102617	102.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.94%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156802	47.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	128816	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

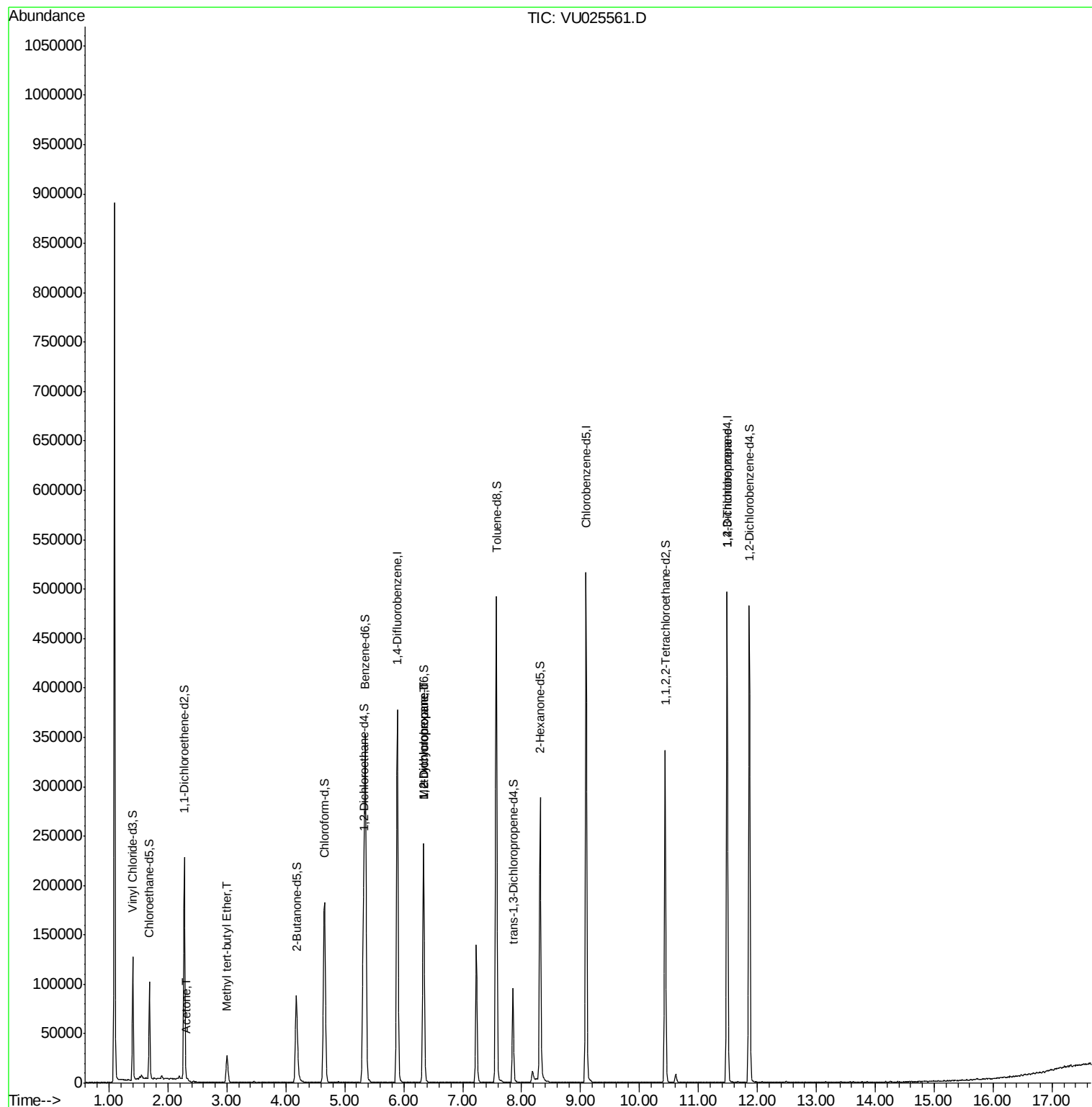
					Ovalue
13) Acetone	2.32	43	2054	1.248 ug/L	92
18) Methyl tert-butyl Ether	3.00	73	28967	4.301 ug/L	98
35) Methylcyclohexane	6.34	83	27365	7.727 ug/L #	19
37) 1,2-Dichloropropane	6.34	63	12646	5.591 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	14053	5.289 ug/L #	85

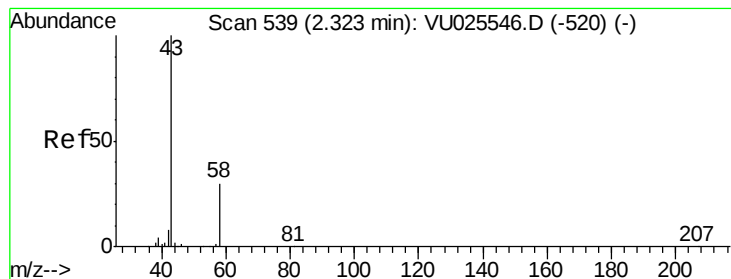
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.248 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025561.D

Acq: 20 Jul 2018 22:45

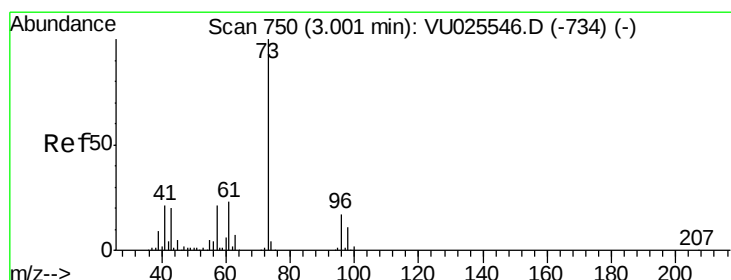
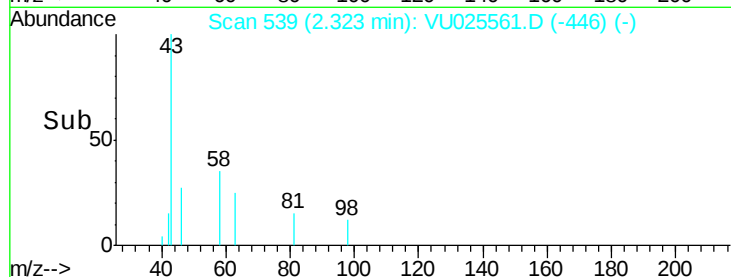
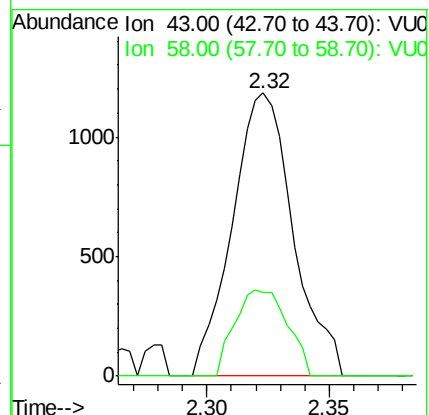
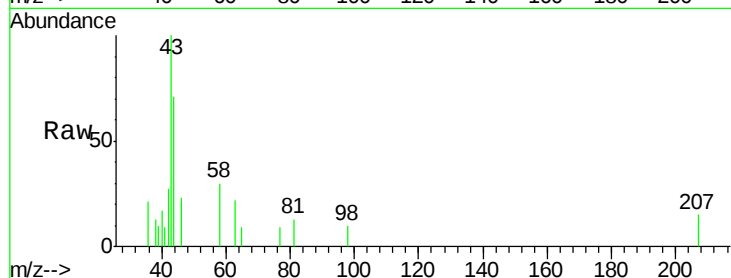
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 2054

Ion Ratio Lower Upper

43 100

58 26.3 0.0 61.2



#18

Methyl tert-butyl Ether

Concen: 4.301 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU025561.D

Acq: 20 Jul 2018 22:45

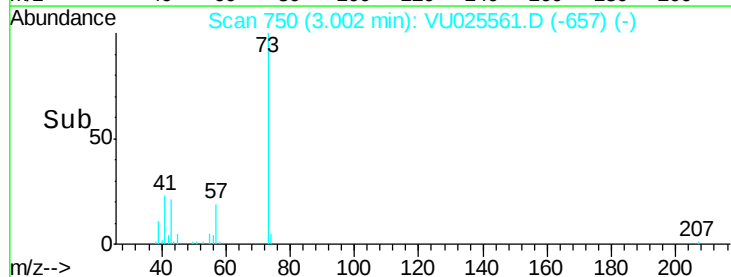
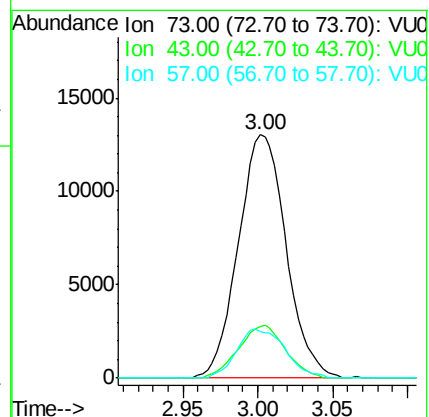
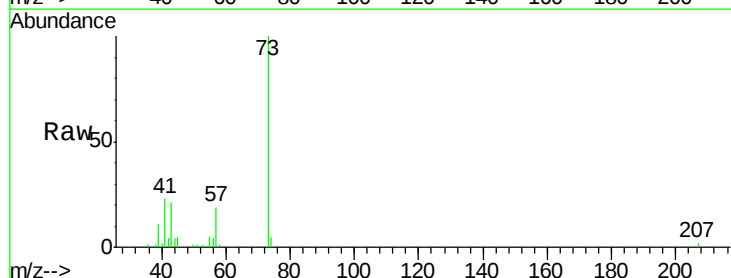
Tgt Ion: 73 Resp: 28967

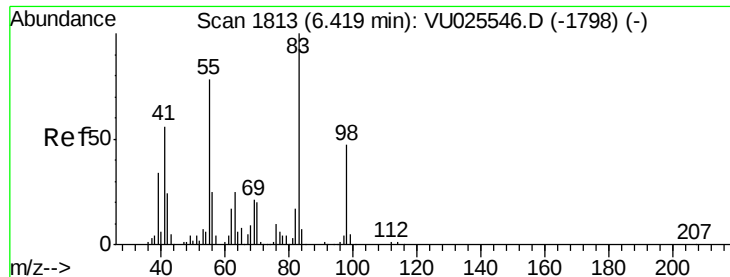
Ion Ratio Lower Upper

73 100

43 21.2 16.2 24.2

57 20.5 17.1 25.7

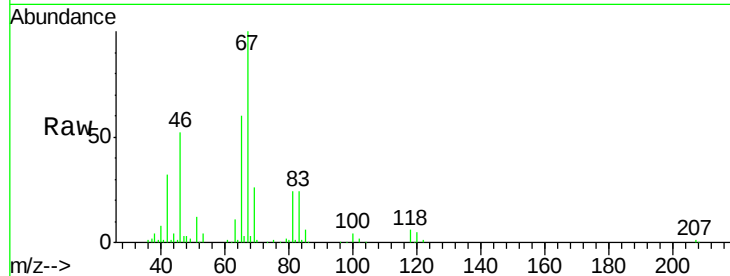




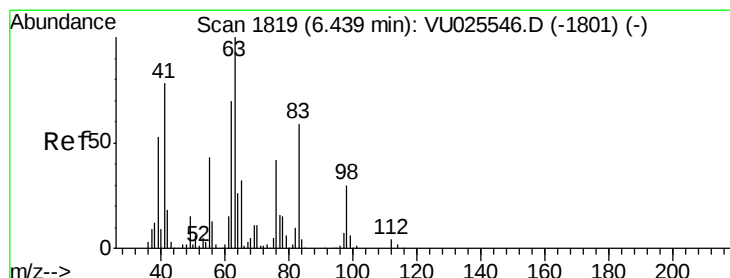
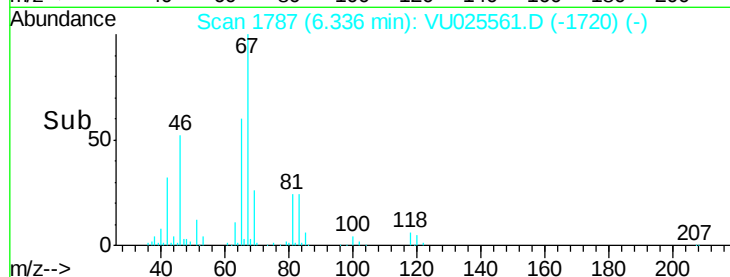
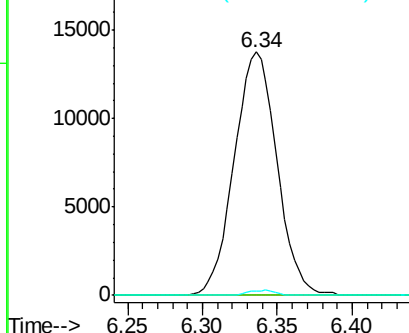
#35
Methvlcvclohexane
Concen: 7.727 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU025561.D
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Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.1	91.7#
98	1.3	38.6	57.8#

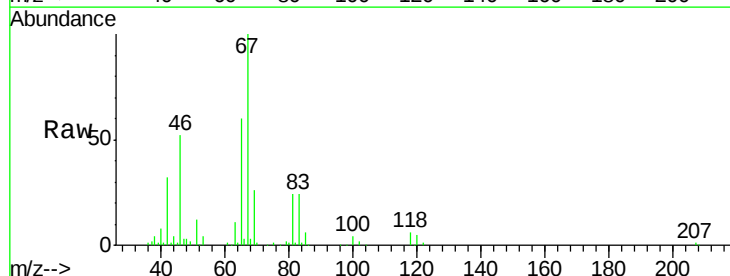


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

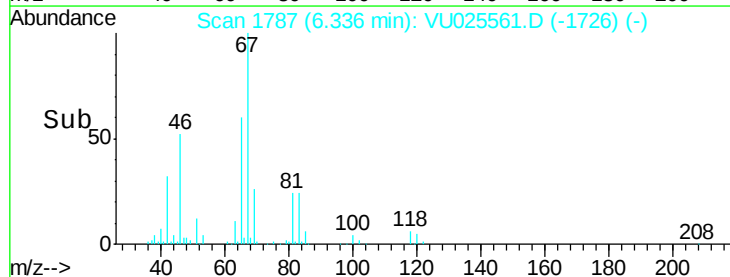
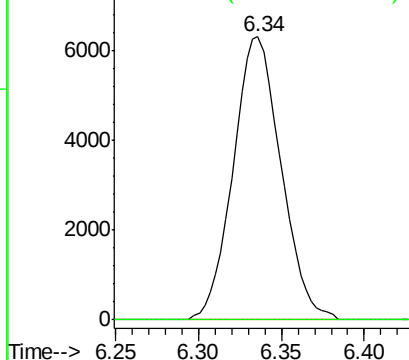


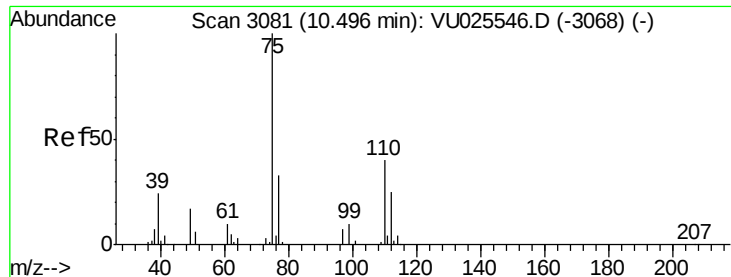
#37
1,2-Dichloropropane
Concen: 5.591 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU025561.D
Acq: 20 Jul 2018 22:45

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 5.289 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025561.D

Acq: 20 Jul 2018 22:45

Instrument :

MSVOA_U

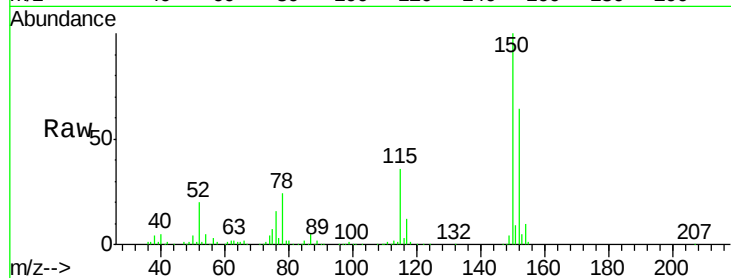
ClientSampleId :

Tot Ion: 75 Resp: 14053

Ion Ratio Lower Upper

75 100

77 40.8 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

