

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083120\
 Data File : VU040004.D
 Acq On : 31 Aug 2020 13:38
 Operator : SY/MD
 Sample : L3838-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG3

Quant Time: Sep 01 01:43:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 31 18:16:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135876	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130951	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58597	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26694	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.92	69	24149	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.58	63	49282	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	4.66	46	112488	37.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.82%
24) Chloroform-d	5.08	84	63834	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
26) 1,2-Dichloroethane-d4	5.72	65	40985	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
32) Benzene-d6	5.74	84	121174	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.70	67	39971	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.40%
41) Toluene-d8	7.91	98	99936	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	8.19	79	15904	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.64	63	80535	36.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30653	3.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	36466	3.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.00%#

Target Compounds

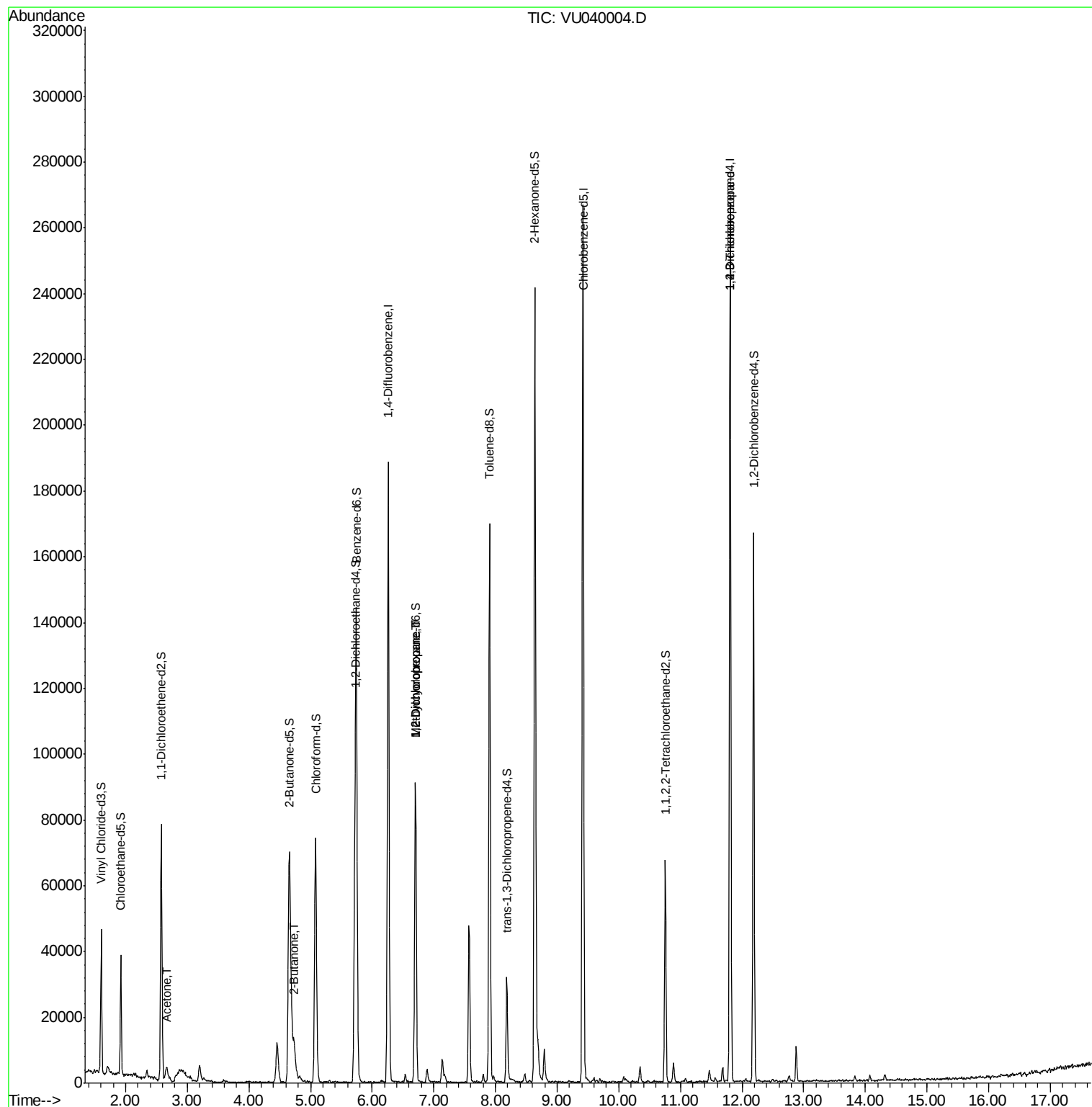
					Ovalue
13) Acetone	2.66	43	8181	2.978 ug/L	99
21) 2-Butanone	4.74	43	12020	2.680 ug/L #	73
35) Methylcyclohexane	6.70	83	9103	0.473 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	4984	0.393 ug/L #	88
59) 1,2,3-Trichloropropane	11.81	75	9732	1.036 ug/L #	85

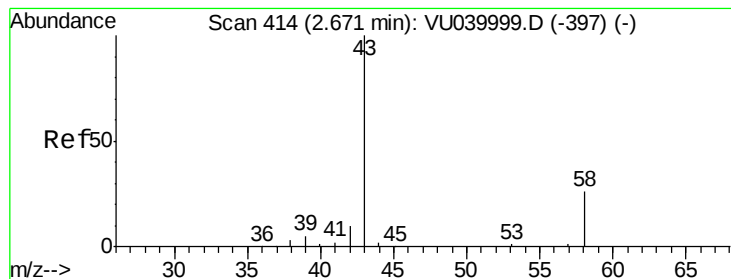
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.978 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

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ClientSampleId :

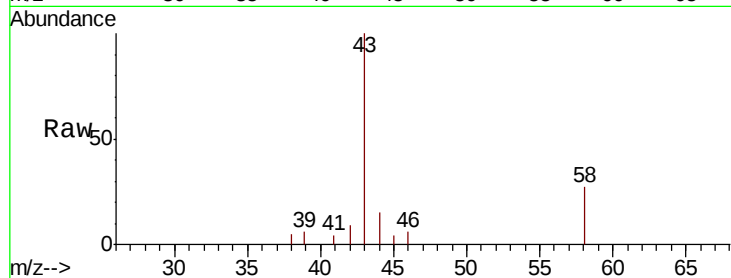
C0AG3

Tot Ion: 43 Resp: 8181

Ion Ratio Lower Upper

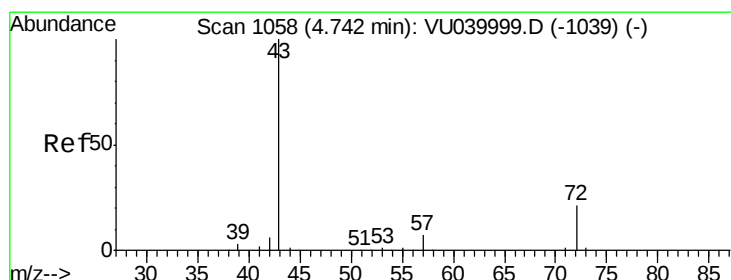
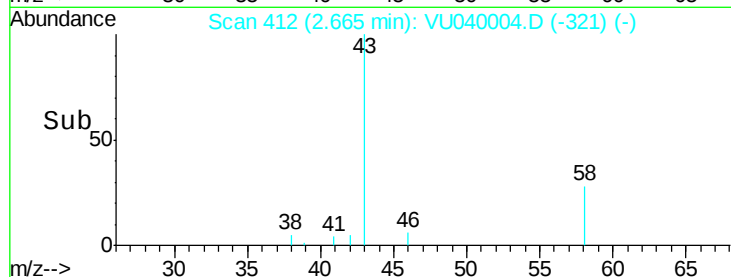
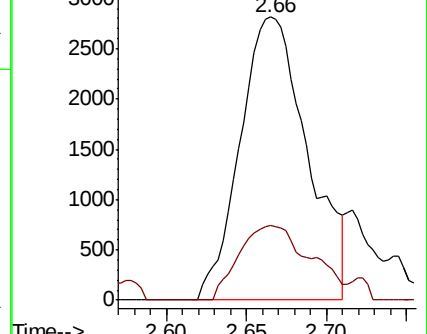
43 100

58 28.2 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 2.680 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VU040004.D

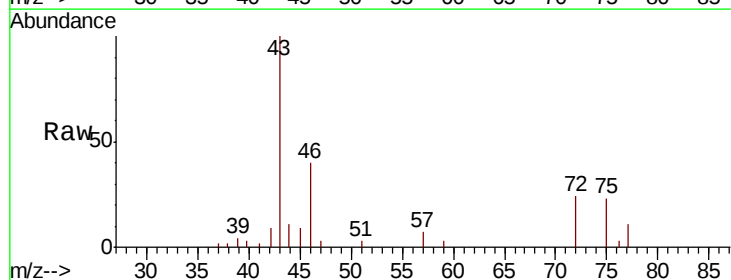
Acq: 31 Aug 2020 13:38

Tgt Ion: 43 Resp: 12020

Ion Ratio Lower Upper

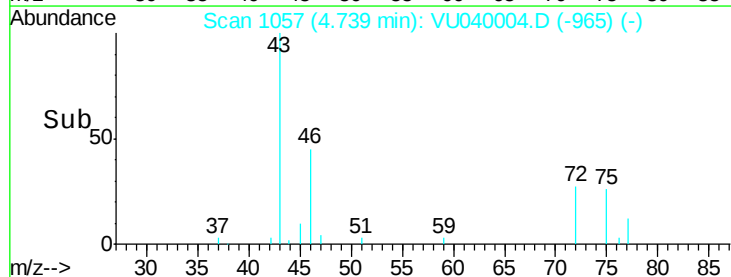
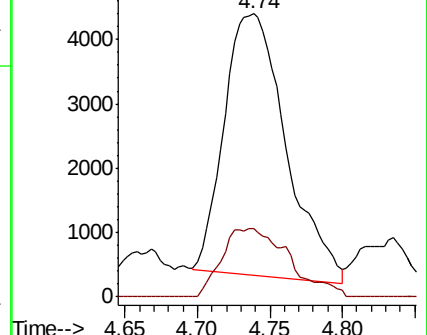
43 100

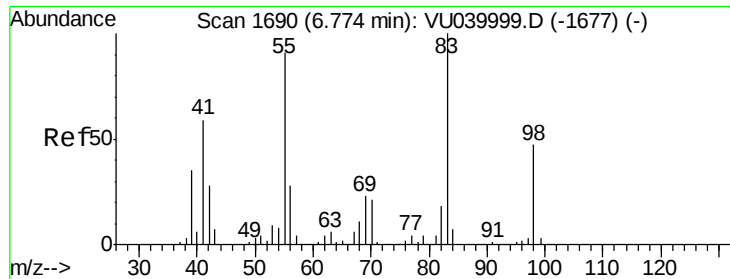
72 10.3 11.7 35.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

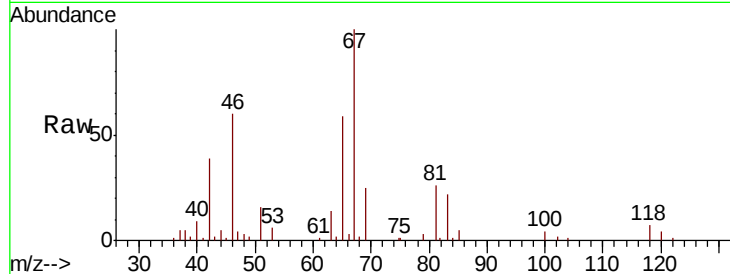




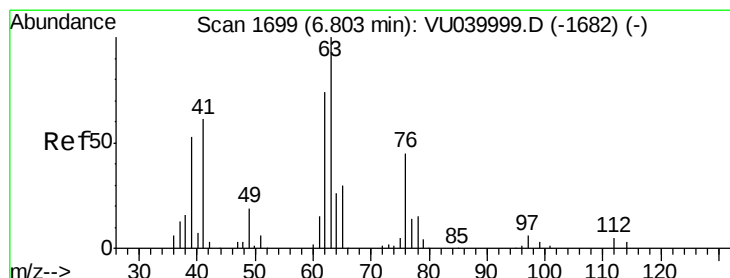
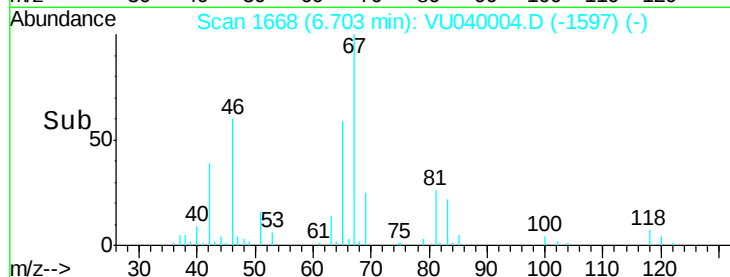
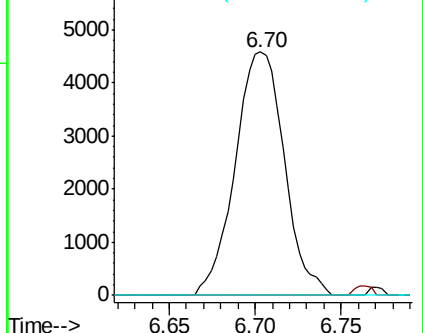
#35
Methvlcvclohexane
Concen: 0.473 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040004.D
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C0AG3

Tot Ion: 83 Resp: 9103
Ion Ratio Lower Upper
83 100
55 1.3 70.5 105.7#
98 0.5 37.8 56.6#

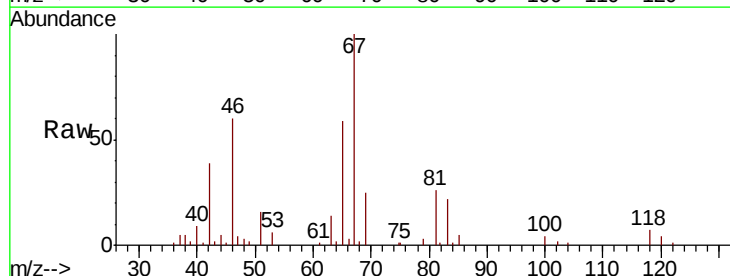


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

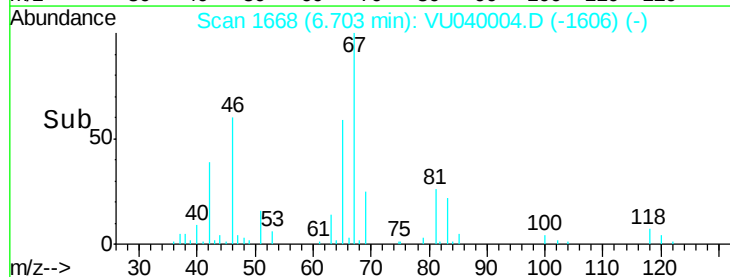
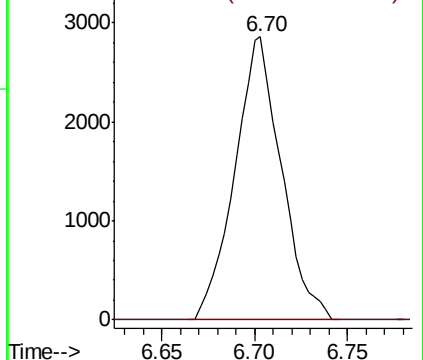


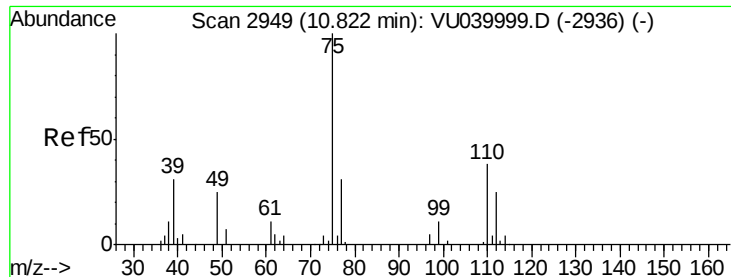
#37
1,2-Dichloropropane
Concen: 0.393 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040004.D
Acq: 31 Aug 2020 13:38

Tgt Ion: 63 Resp: 4984
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#59

1,2,3-Trichloropropane

Concen: 1.036 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040004.D

Acq: 31 Aug 2020 13:38

Instrument :

MSVOA_U

ClientSampleId :

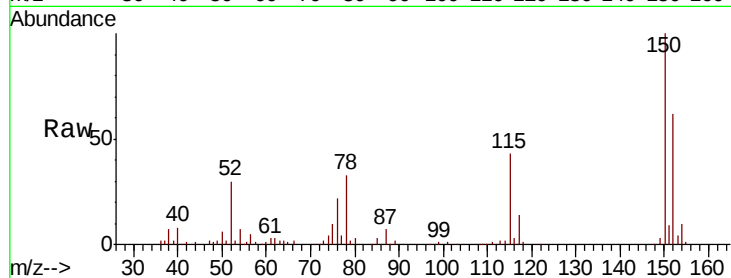
C0AG3

Tot Ion: 75 Resp: 9732

Ion Ratio Lower Upper

75 100

77 39.1 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

