

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036102.D
 Acq On : 10 Dec 2019 23:40
 Operator : JC/MD
 Sample : K6234-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 07:33:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	260553	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	299266	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98371	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123824	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.93	69	117868	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.59	63	131313	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.70	46	243562	61.55	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.10%
24) Chloroform-d	5.11	84	192119	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.75	65	103001	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.77	84	366528	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.73	67	116228	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.93	98	297237	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.21	79	43591	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.68	63	195227	56.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.34%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	111018	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	100255	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

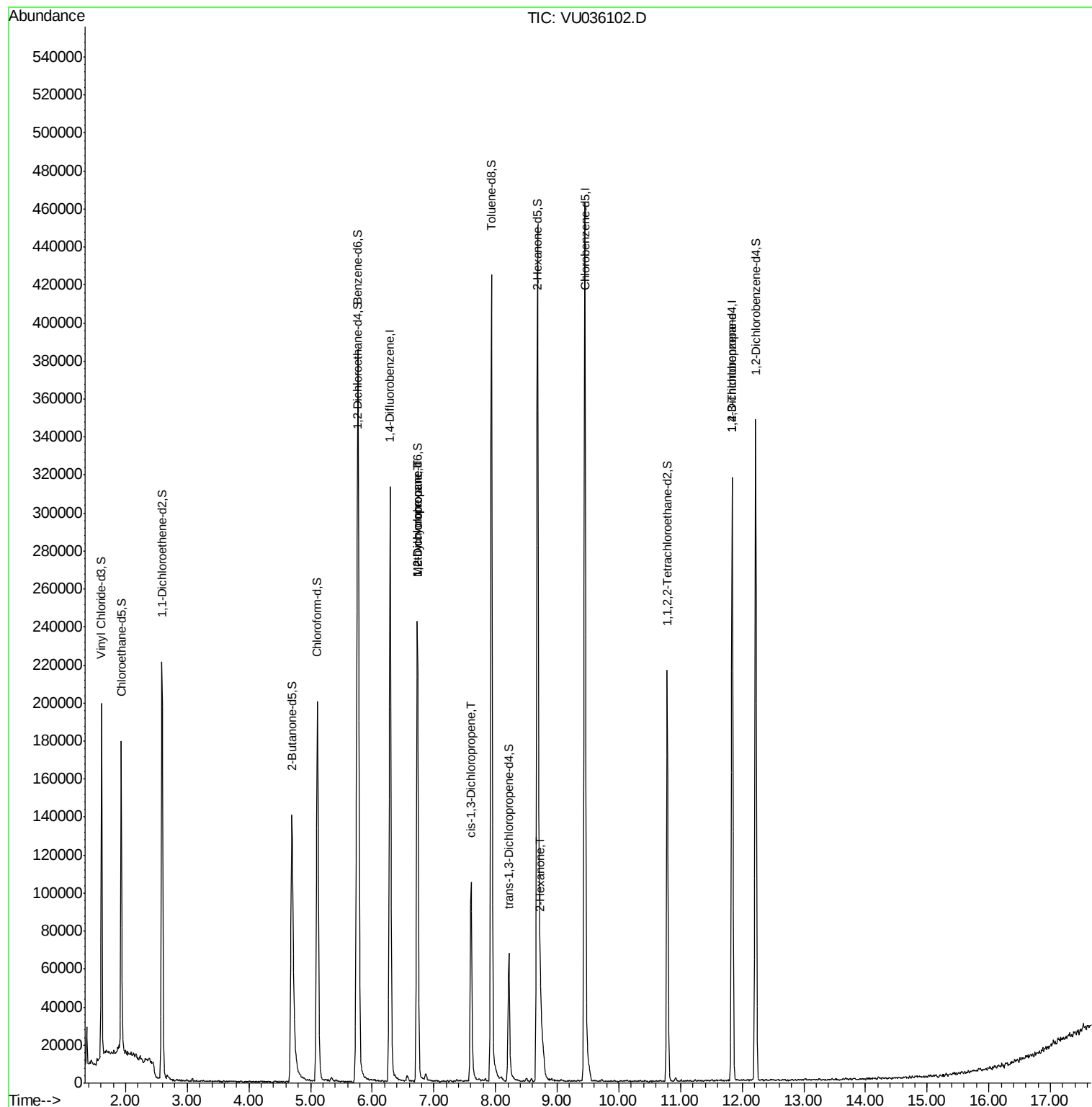
				Ovalue	
35) Methylcyclohexane	6.73	83	28009	0.961	ug/L # 18
37) 1,2-Dichloropropane	6.73	63	12885	0.628	ug/L # 87
39) cis-1,3-Dichloropropene	7.60	75	2794	0.100	ug/L # 58
48) 2-Hexanone	8.73	43	7239	0.942	ug/L # 88
59) 1,2,3-Trichloropropane	11.84	75	10392	0.709	ug/L 97

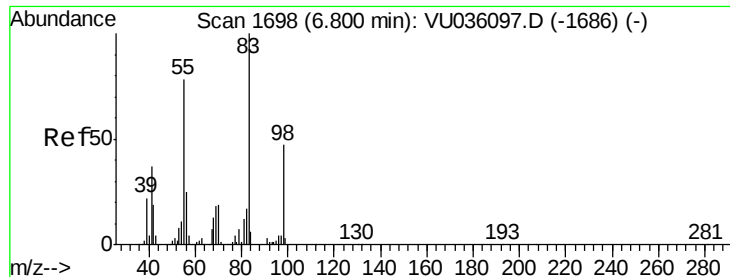
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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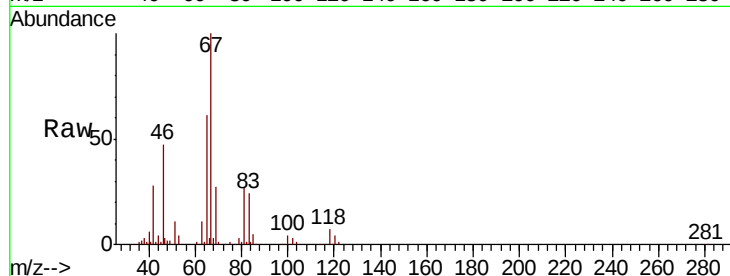




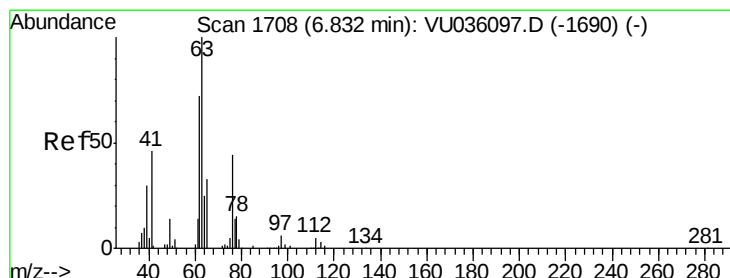
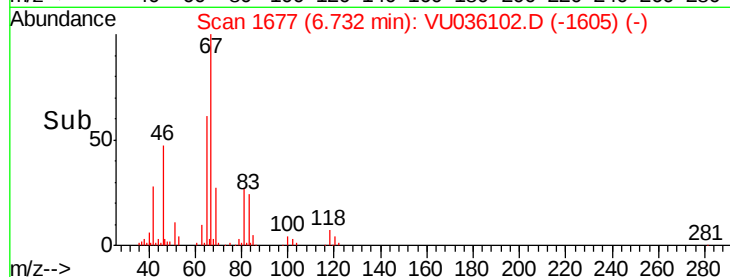
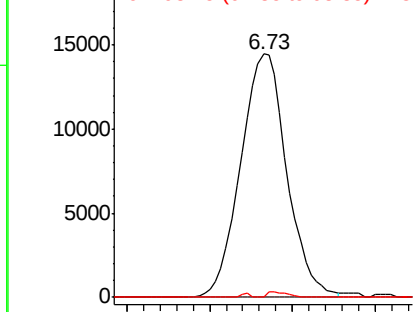
#35
Methvlcvclohexane
Concen: 0.961 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036102.D
Acq: 10 Dec 2019 23:40

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.1	93.1#
98	1.0	37.0	55.4#

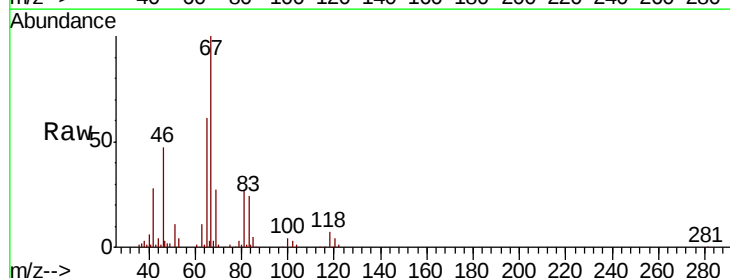


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

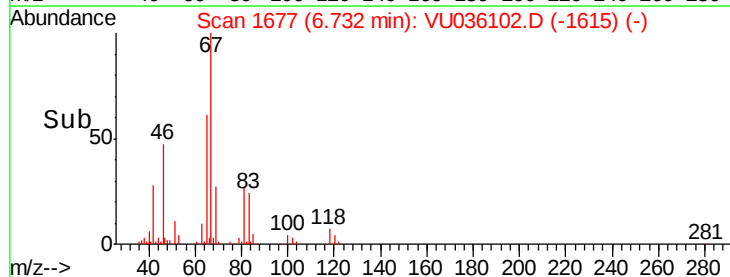
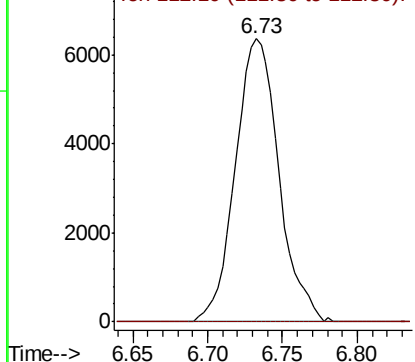


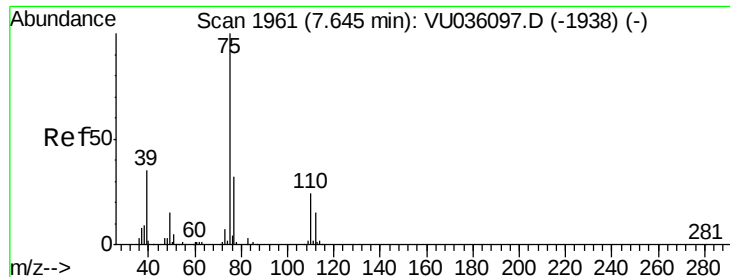
#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036102.D
Acq: 10 Dec 2019 23:40

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.8#



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



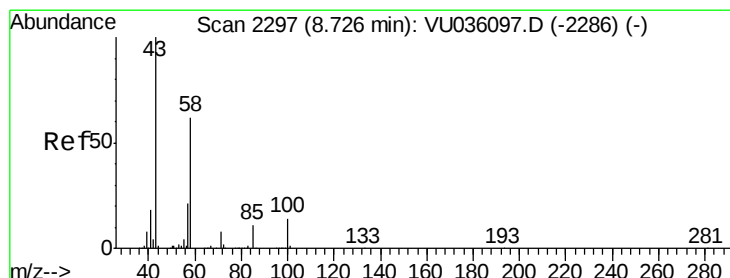
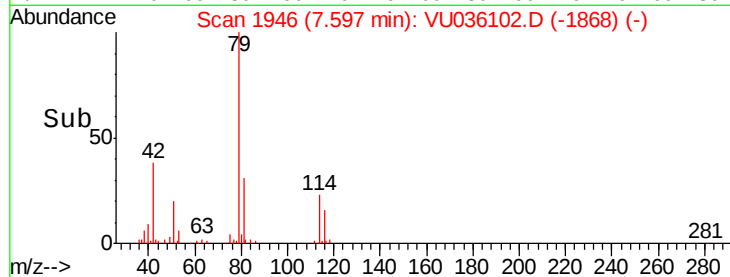
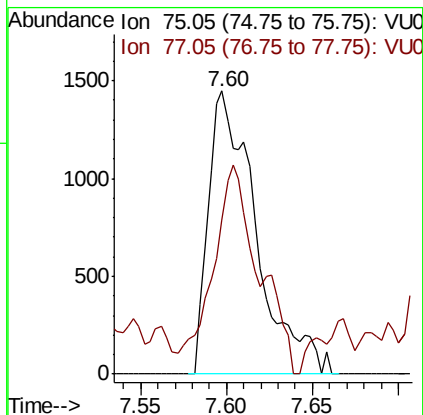
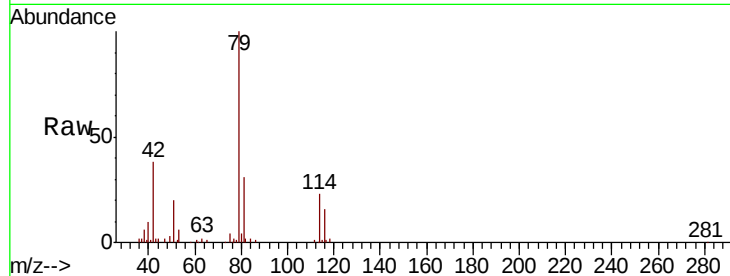


#39

cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.05 min
 Lab File: VU036102.D
 Acq: 10 Dec 2019 23:40

Instrument :
 MSVOA_U
 ClientSampleId :

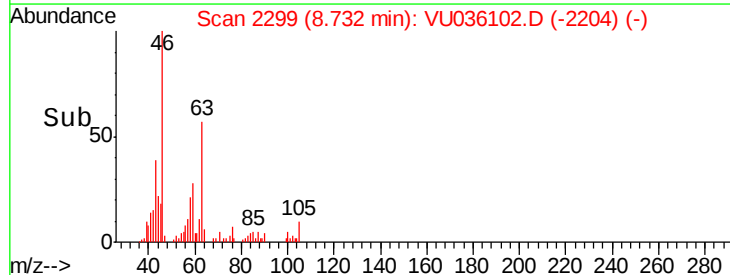
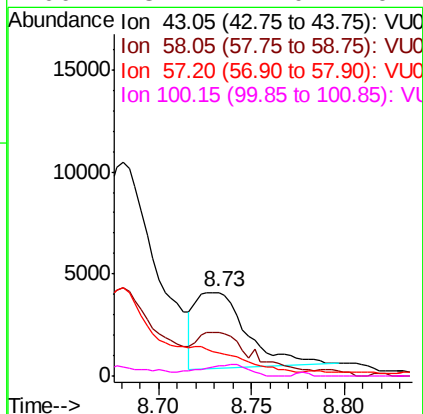
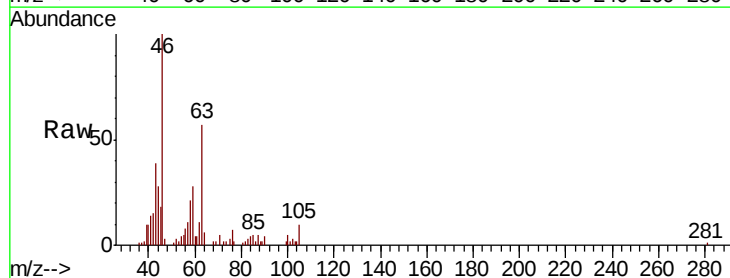
Tot Ion: 75 Resp: 2794
 Ion Ratio Lower Upper
 75 100
 77 54.3 21.7 40.3#

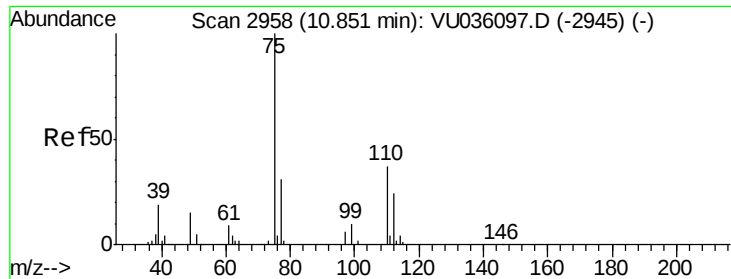


#48

2-Hexanone
 Concen: 0.942 ug/L
 RT: 8.73 min Scan# 2299
 Delta R.T. 0.01 min
 Lab File: VU036102.D
 Acq: 10 Dec 2019 23:40

Tgt Ion: 43 Resp: 7239
 Ion Ratio Lower Upper
 43 100
 58 56.5 46.9 70.3
 57 0.0 16.4 24.6#
 100 13.7 11.0 16.4





#59

1,2,3-Trichloropropane

Concen: 0.709 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU036102.D

Acq: 10 Dec 2019 23:40

Instrument :

MSVOA_U

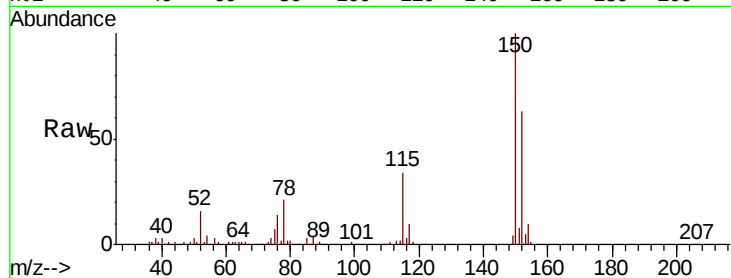
ClientSampleId :

Tot Ion: 75 Resp: 10392

Ion Ratio Lower Upper

75 100

77 34.9 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

