

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
 Data File : VU038661.D
 Acq On : 08 Jun 2020 11:38
 Operator : SY/MD
 Sample : L2911-03DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 09 00:47:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 09 00:46:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	405991	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	397086	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	188222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73839	2.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.20%
7) Chloroethane-d5	1.93	69	69754	3.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.00%
11) 1,1-Dichloroethene-d2	2.59	63	122646	2.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.40%#
20) 2-Butanone-d5	4.68	46	313380	39.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.52%
24) Chloroform-d	5.10	84	175922	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.20%
26) 1,2-Dichloroethane-d4	5.74	65	103540	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
32) Benzene-d6	5.76	84	346551	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.00%
36) 1,2-Dichloropropane-d6	6.72	67	110638	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.60%
41) Toluene-d8	7.92	98	286581	3.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.40%#
43) trans-1,3-Dichloropropene-	8.20	79	42466	3.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.80%
46) 2-Hexanone-d5	8.66	63	256080	39.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.10%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	95192	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	122225	3.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.40%#

Target Compounds

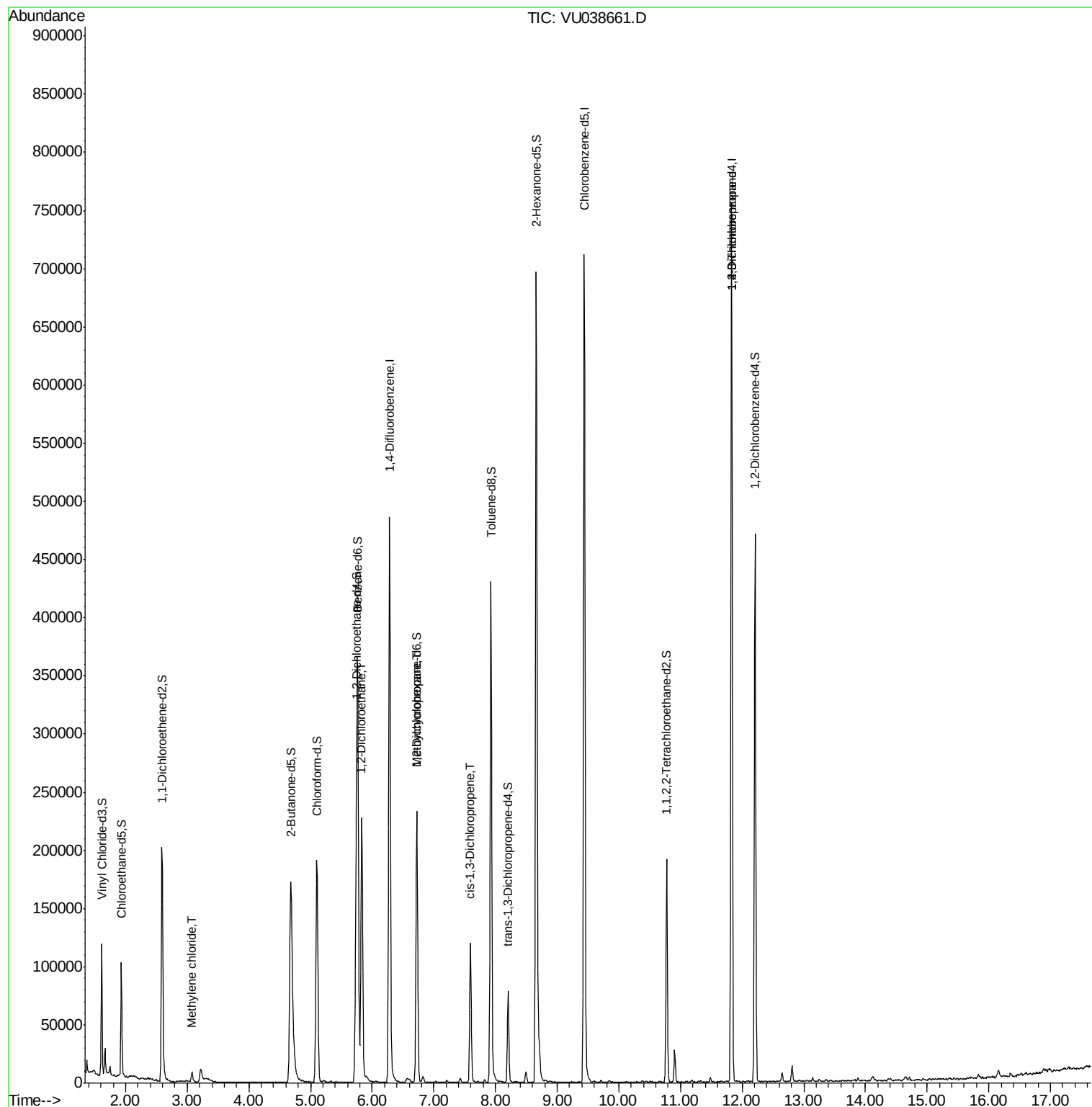
					Ovalue
16) Methylene chloride	3.08	84	3713	0.131 ug/L	97
27) 1,2-Dichloroethane	5.83	62	195496	5.669 ug/L	99
35) Methylcyclohexane	6.72	83	26578	0.597 ug/L #	18
39) cis-1,3-Dichloropropene	7.59	75	3244	0.079 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	24213	1.164 ug/L #	87

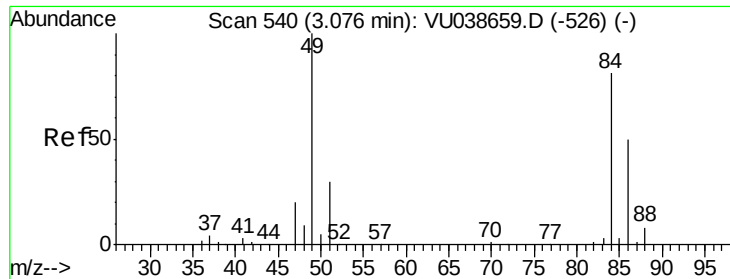
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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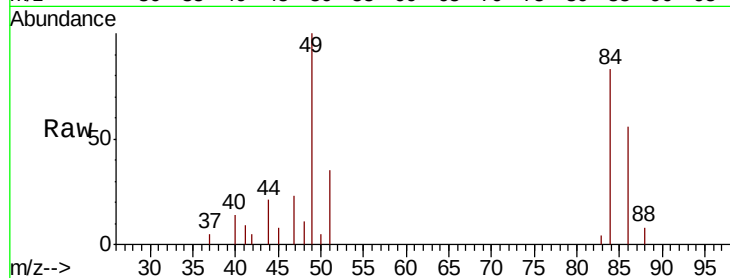




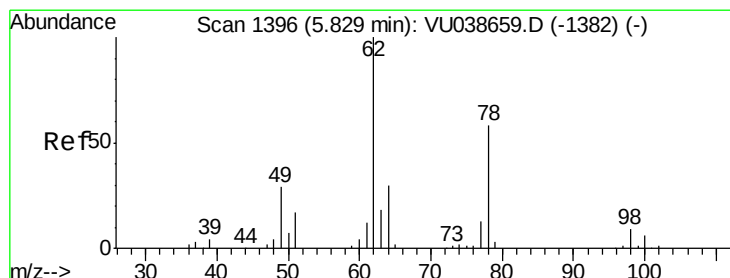
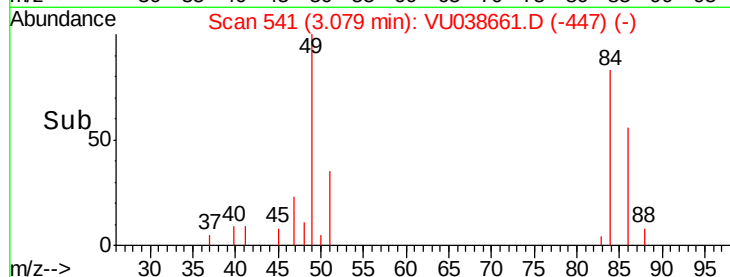
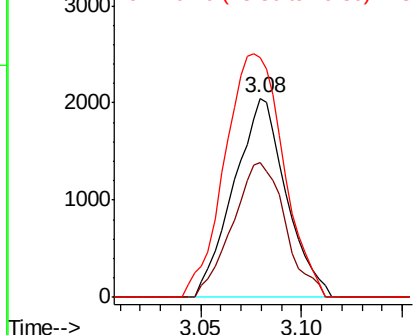
#16
Methylene chloride
Concen: 0.131 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038661.D
Acq: 08 Jun 2020 11:38

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 3713
Ion Ratio Lower Upper
84 100
86 67.8 45.0 83.6
49 120.4 85.5 158.9

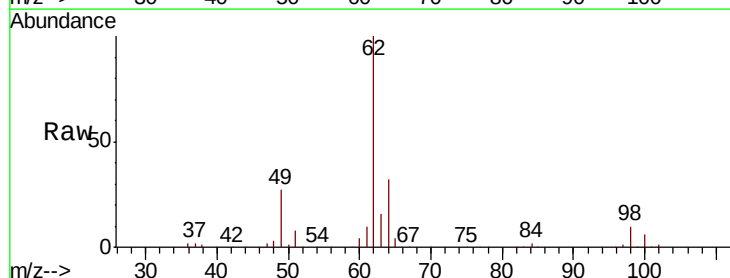


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

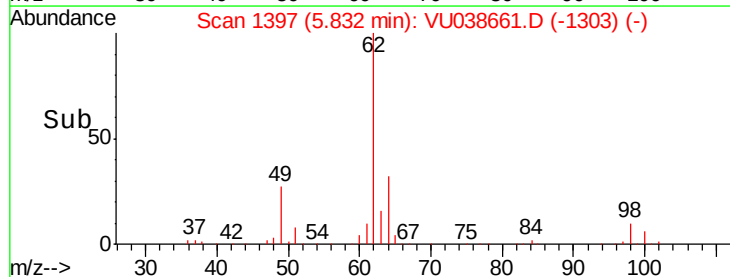
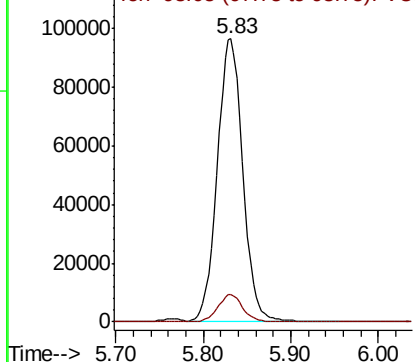


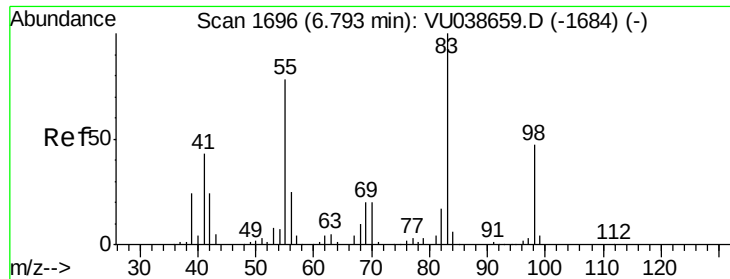
#27
1,2-Dichloroethane
Concen: 5.669 ug/L
RT: 5.83 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU038661.D
Acq: 08 Jun 2020 11:38

Tgt Ion: 62 Resp: 195496
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0

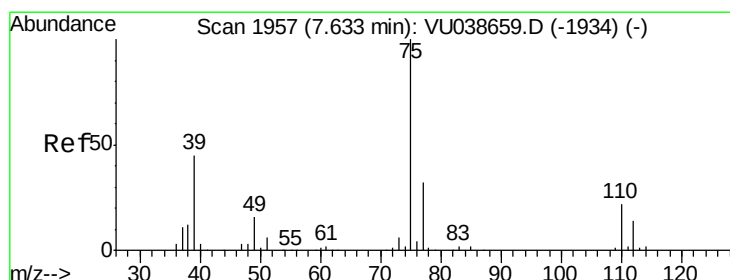
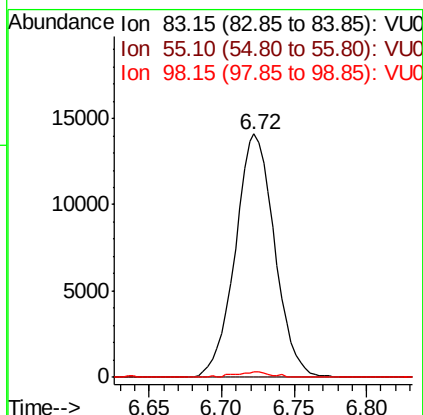
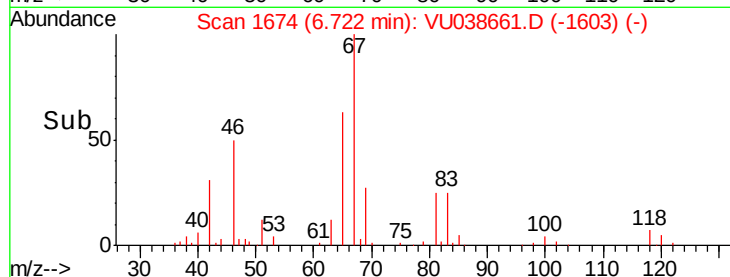
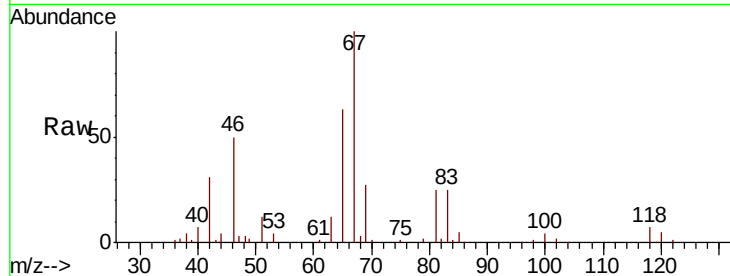




#35
Methylvlcyclohexane
Concen: 0.597 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038661.D
Acq: 08 Jun 2020 11:38

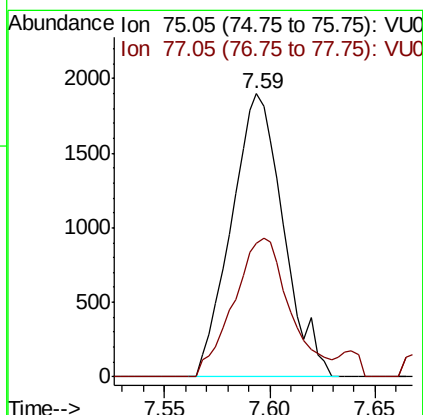
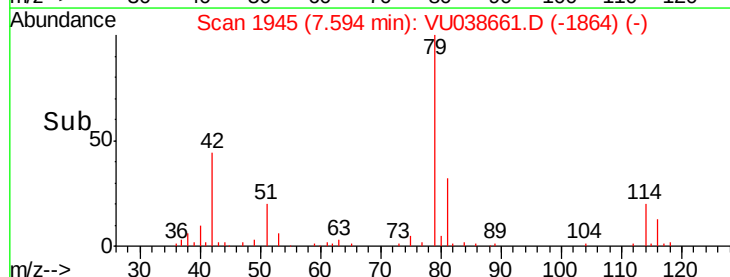
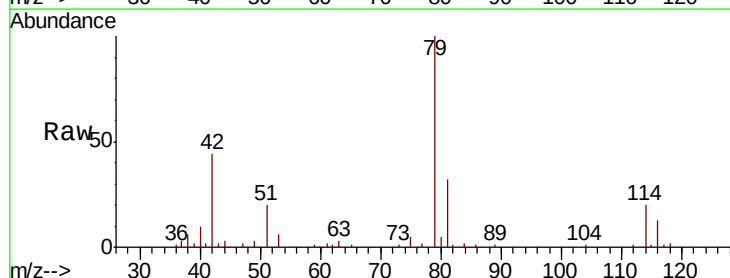
Instrument :
MSVOA_U
ClientSampleId :

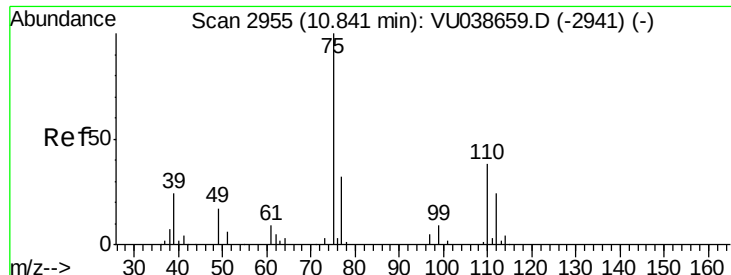
Tot Ion: 83 Resp: 26578
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.9 39.0 58.4#



#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU038661.D
Acq: 08 Jun 2020 11:38

Tgt Ion: 75 Resp: 3244
Ion Ratio Lower Upper
75 100
77 47.2 21.9 40.7#





#59

1,2,3-Trichloropropane

Concen: 1.164 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU038661.D

Acq: 08 Jun 2020 11:38

Instrument :

MSVOA_U

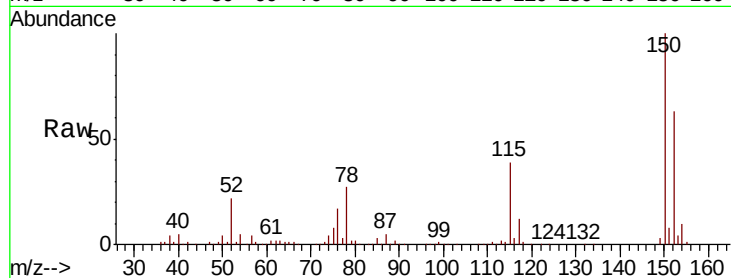
ClientSampleId :

Tot Ion: 75 Resp: 24213

Ion Ratio Lower Upper

75 100

77 39.1 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

