

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037973.D
 Acq On : 01 May 2020 00:50
 Operator : JC/MD
 Sample : L2410-09DL 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 06:16:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 06:13:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	737318	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	731082	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	326938	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	285770	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.12%
7) Chloroethane-d5	1.93	69	235802	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.59	63	353143	33.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.58%
21) 2-Butanone-d5	4.66	46	453453	89.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.46%
24) Chloroform-d	5.10	84	440435	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	5.74	65	314308	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
32) Benzene-d6	5.76	84	971737	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
36) 1,2-Dichloropropane-d6	6.72	67	321848	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.10%
41) Toluene-d8	7.92	98	883023	44.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.34%
43) trans-1,3-Dichloropropene-	8.20	79	139504	41.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.28%
47) 2-Hexanone-d5	8.65	63	274582	88.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.37%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	435920	42.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.68%
64) 1,2-Dichlorobenzene-d4	12.20	152	309785	45.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.64%

Target Compounds

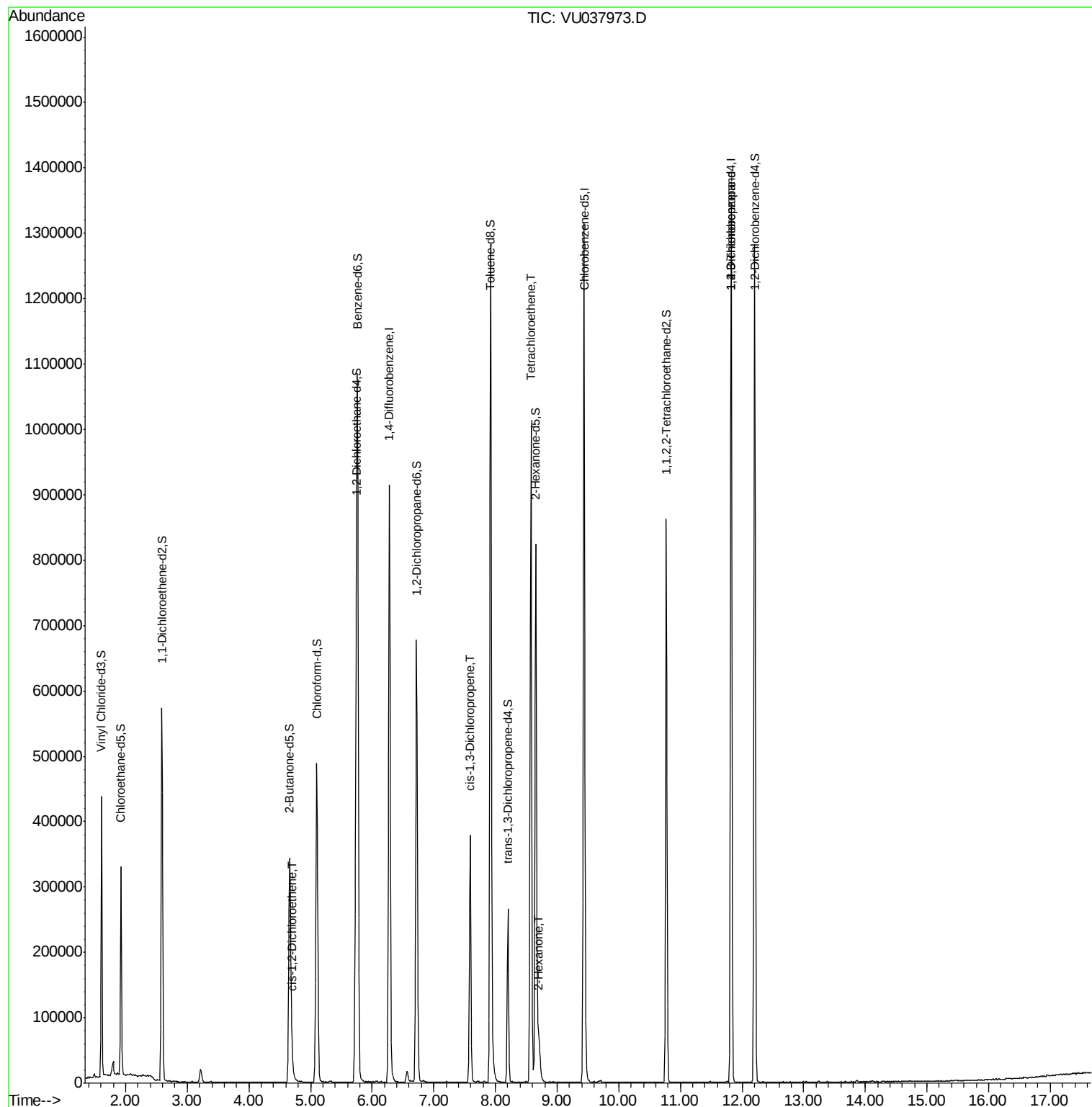
					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	6574	1.140 ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	8284	0.884 ug/L #	72
46) Tetrachloroethene	8.57	164	219823	54.328 ug/L	97
48) 2-Hexanone	8.71	43	45368	5.561 ug/L	91
59) 1,2,3-Trichloropropane	11.82	75	48493	5.724 ug/L	94

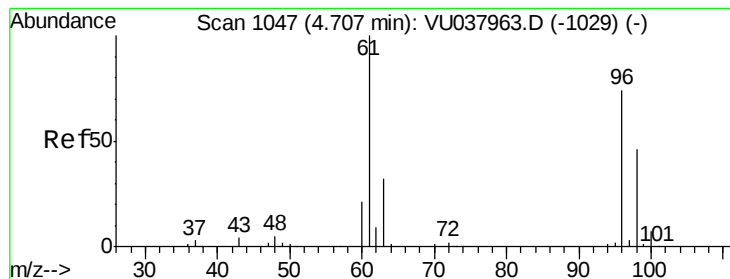
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 01 06:13:06 2020
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 1.140 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037973.D

Acq: 01 May 2020 00:50

Instrument :

MSVOA_U

ClientSampled :

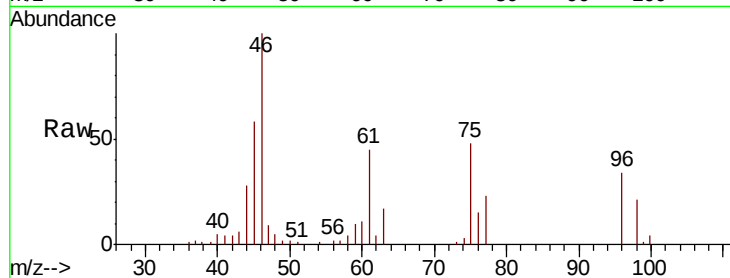
Tot Ion: 96 Resp: 6574

Ion Ratio Lower Upper

96 100

61 134.9 93.9 174.3

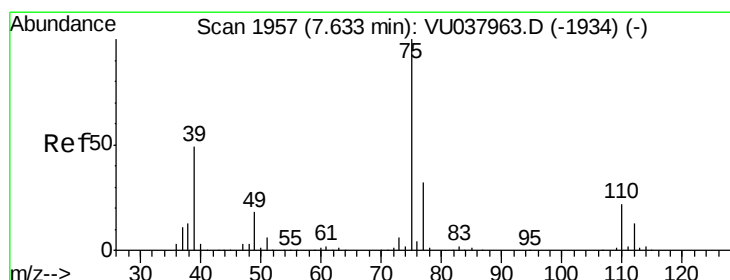
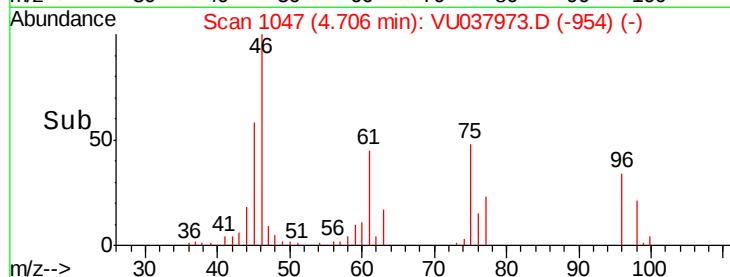
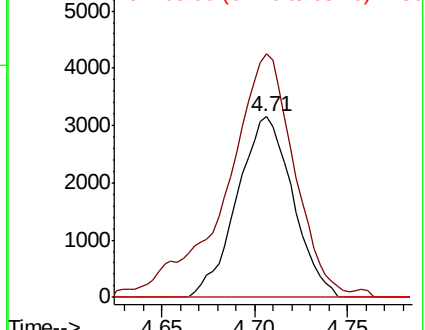
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037973.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU037973.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU037973.D (-1029) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.884 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037973.D

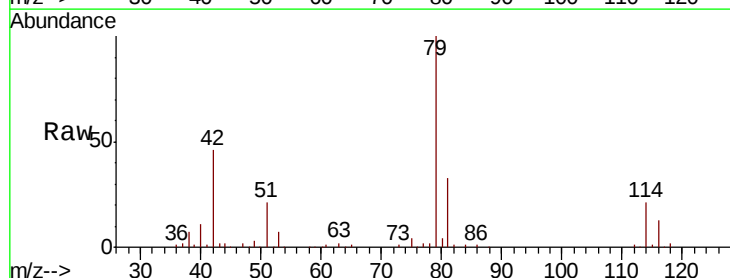
Acq: 01 May 2020 00:50

Tgt Ion: 75 Resp: 8284

Ion Ratio Lower Upper

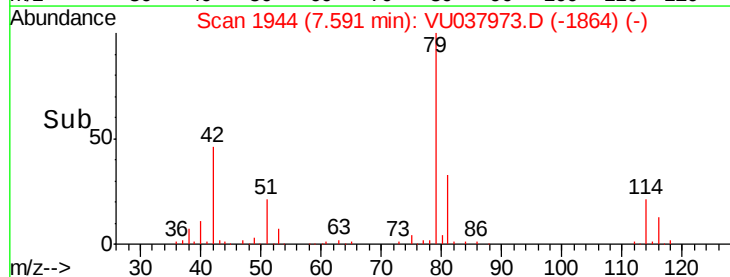
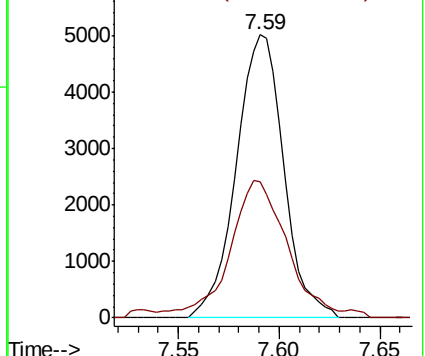
75 100

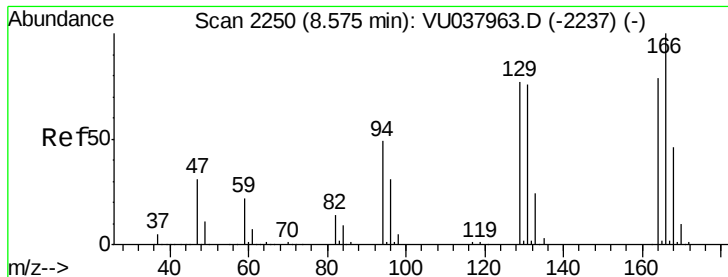
77 47.9 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VU037973.D (-1864) (-)

Ion 77.00 (76.70 to 77.70): VU037973.D (-1864) (-)





#46

Tetrachloroethene

Concen: 54.328 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037973.D

Acq: 01 May 2020 00:50

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 219823

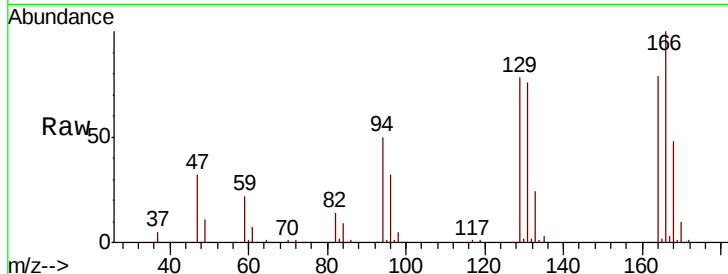
Ion Ratio Lower Upper

164 100

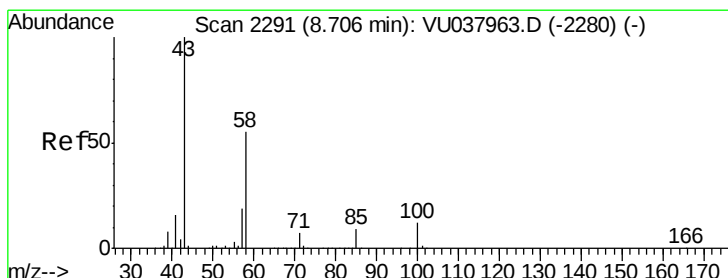
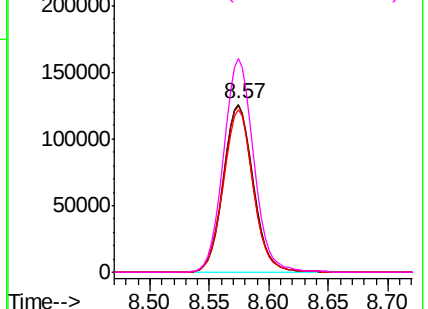
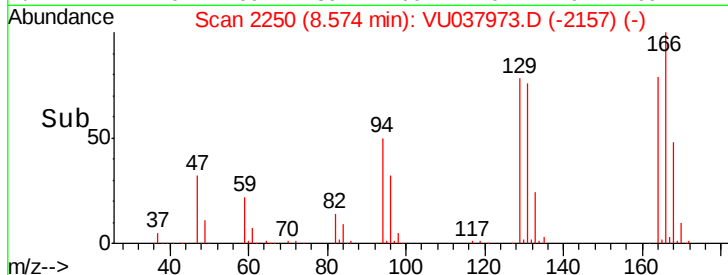
129 99.0 68.4 127.0

131 97.1 65.7 122.1

166 127.4 86.7 161.1



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.561 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU037973.D

Acq: 01 May 2020 00:50

Tgt Ion: 43 Resp: 45368

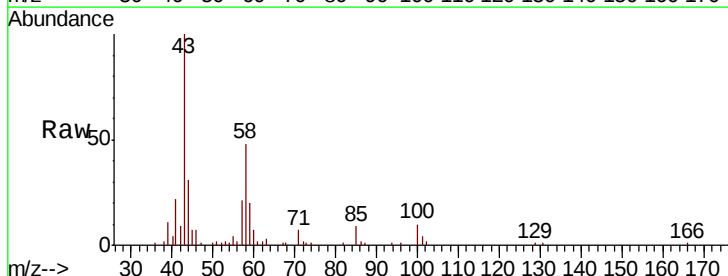
Ion Ratio Lower Upper

43 100

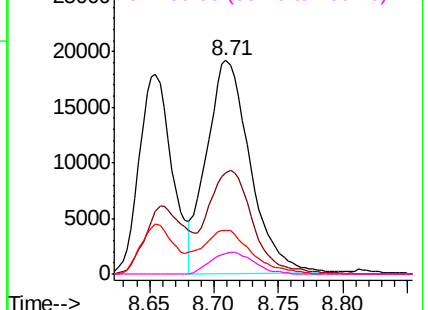
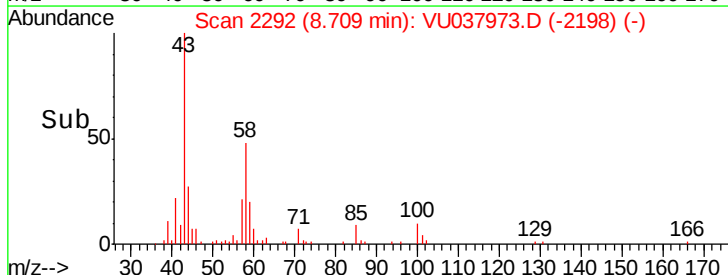
58 48.3 46.4 69.6

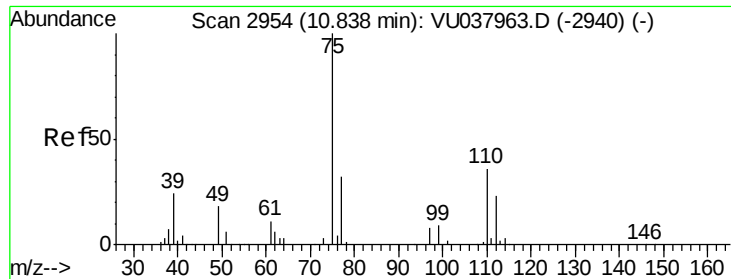
57 20.0 16.4 24.6

100 9.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.724 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037973.D

Acq: 01 May 2020 00:50

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 48493

Ion Ratio Lower Upper

75 100

77 35.3 25.4 38.2

