

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
 Data File : VU050957.D
 Acq On : 27 Sep 2022 15:21
 Operator : JC/MD
 Sample : N4854-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J11

Quant Time: Sep 28 02:02:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 28 01:59:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

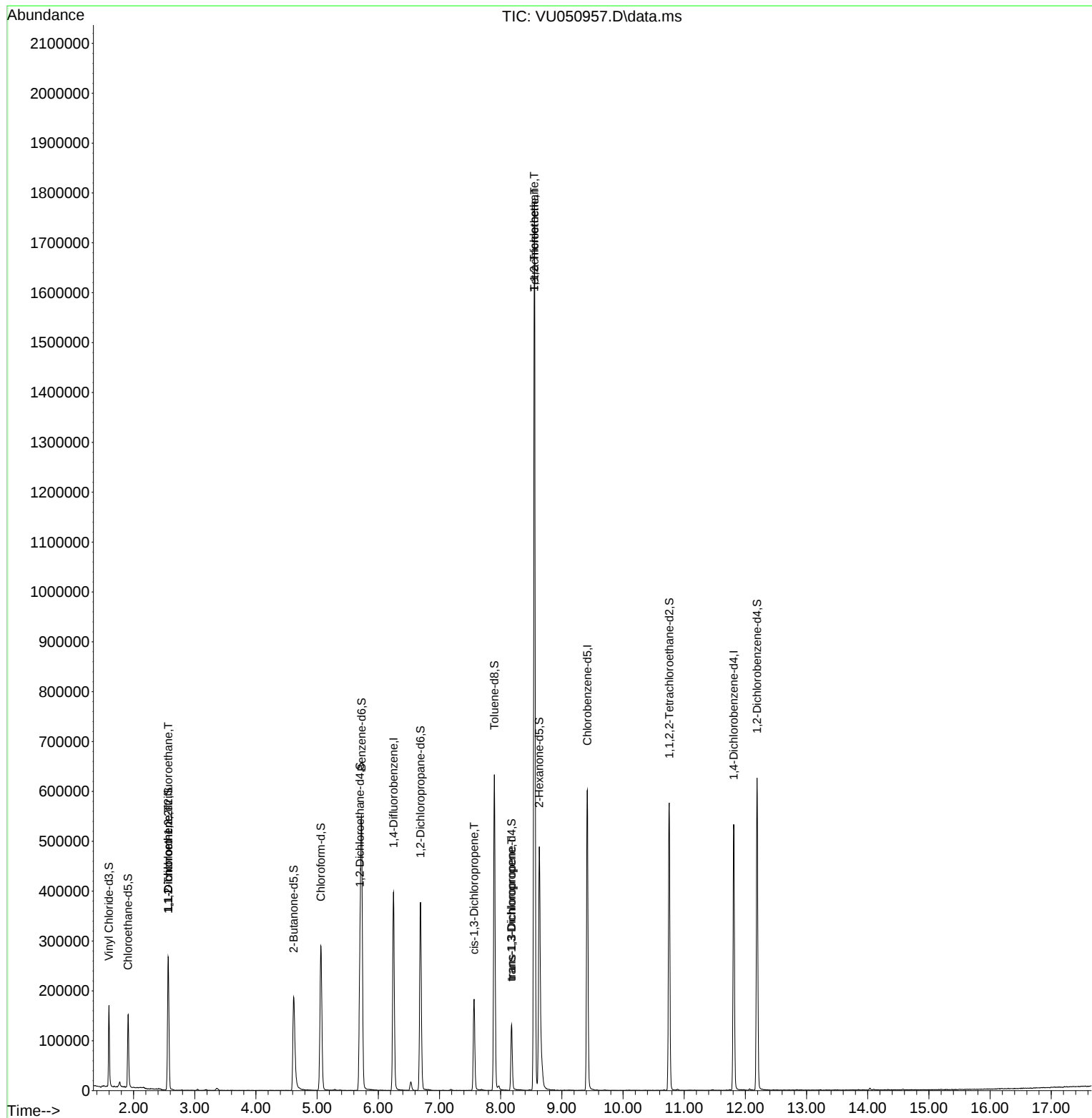
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	310465	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	331790	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	137036	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	116147	36.108	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	72.220%	
7) Chloroethane-d5	1.909	69	108977	47.570	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.140%	
11) 1,1-Dichloroethene-d2	2.565	63	156524	31.273	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.540%	
21) 2-Butanone-d5	4.617	46	266769	128.461	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	128.460%	
24) Chloroform-d	5.060	84	271193	53.799	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	107.600%	
26) 1,2-Dichloroethane-d4	5.700	65	180898	58.231	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	116.460%	
32) Benzene-d6	5.726	84	507542	46.442	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.880%	
36) 1,2-Dichloropropane-d6	6.690	67	181967	49.329	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.660%	
41) Toluene-d8	7.896	98	417327	43.686	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.380%	
43) trans-1,3-Dichloroprop...	8.179	79	72837	45.388	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.780%	
47) 2-Hexanone-d5	8.629	63	152083	100.043	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	100.040%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	294538	52.371	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	104.740%	
66) 1,2-Dichlorobenzene-d4	12.192	152	162129	56.507	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	113.020%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1543	0.607	ug/L #	34
12) 1,1-Dichloroethene	2.565	96	1268	0.531	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	4810	1.076	ug/L #	50
44) trans-1,3-Dichloropropene	8.176	75	3517	0.827	ug/L #	82
45) 1,1,2-Trichloroethane	8.549	97	3152	1.024	ug/L #	1
46) Tetrachloroethene	8.552	164	377355	185.139	ug/L	98

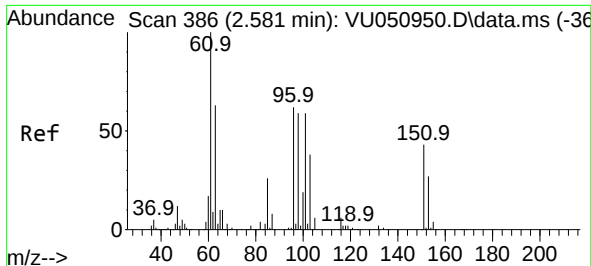
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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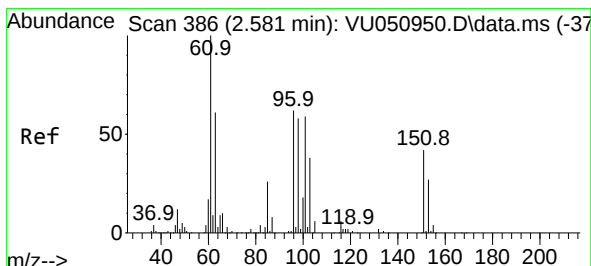
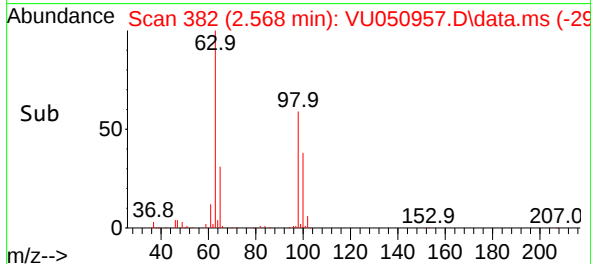
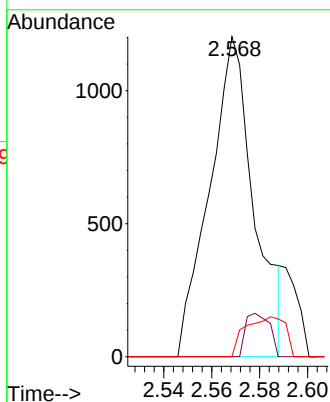
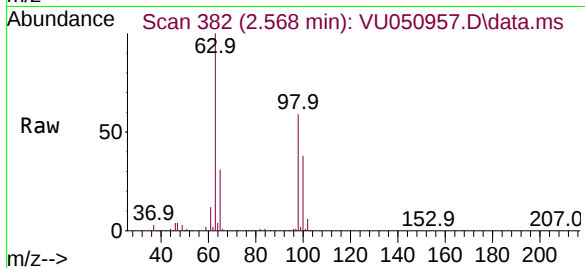




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.607 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU050957.D
 Acq: 27 Sep 2022 15:21

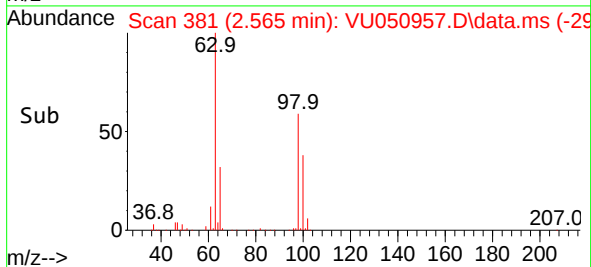
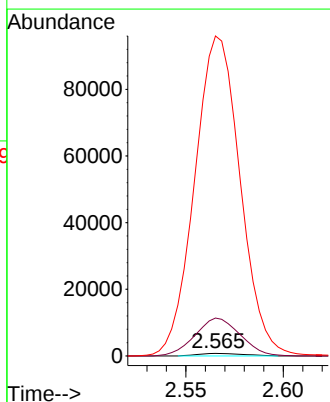
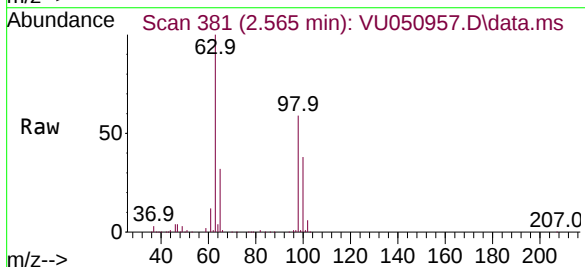
Instrument :
 MSVOA_U
 ClientSampleId :
 F5J11

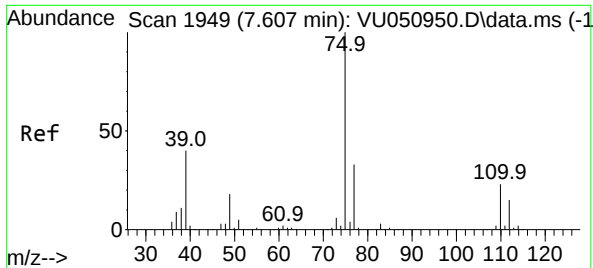
Tgt Ion:101 Resp: 1543
 Ion Ratio Lower Upper
 101 100
 85 7.3 35.1 52.7#
 151 11.2 56.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 0.531 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU050957.D
 Acq: 27 Sep 2022 15:21

Tgt Ion: 96 Resp: 1268
 Ion Ratio Lower Upper
 96 100
 61 1458.2 118.6 220.2#
 63 12279.3 90.4 168.0#





#39

cis-1,3-Dichloropropene

Concen: 1.076 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050957.D

Acq: 27 Sep 2022 15:21

Instrument :

MSVOA_U

ClientSampleId :

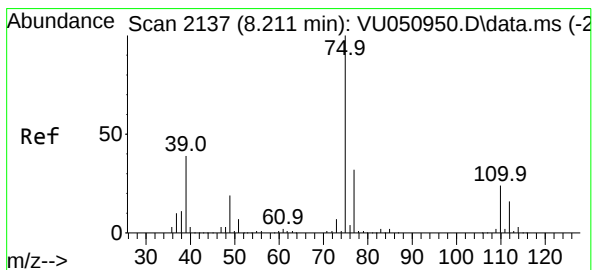
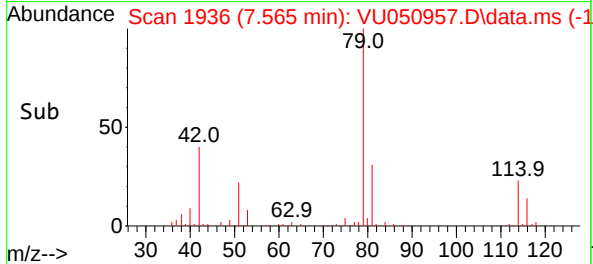
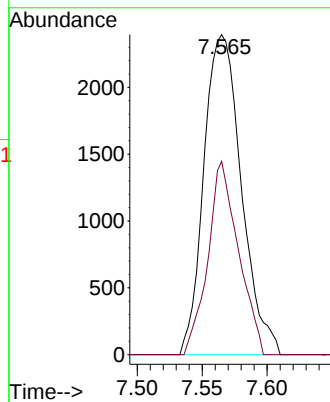
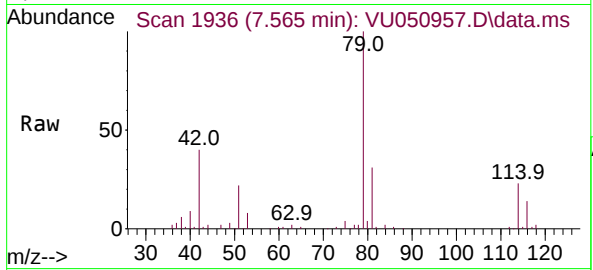
F5J11

Tgt Ion: 75 Resp: 4810

Ion Ratio Lower Upper

75 100

77 60.4 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.827 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU050957.D

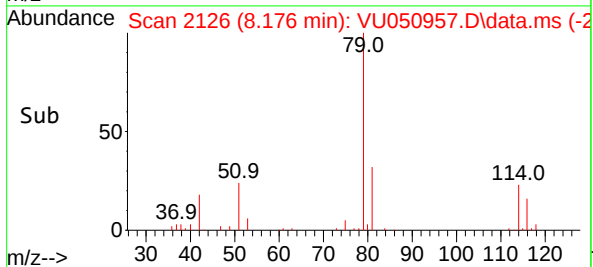
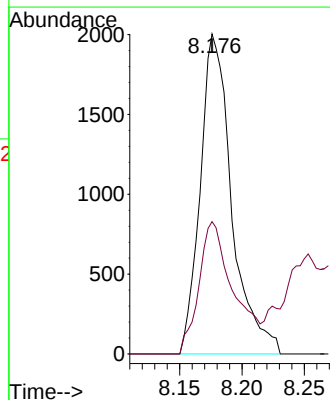
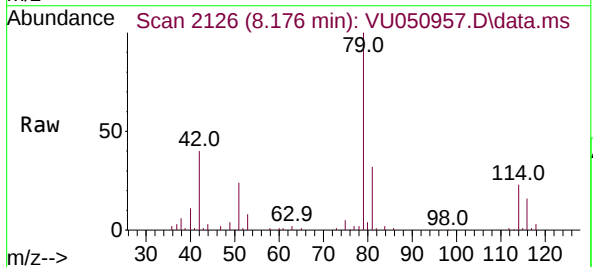
Acq: 27 Sep 2022 15:21

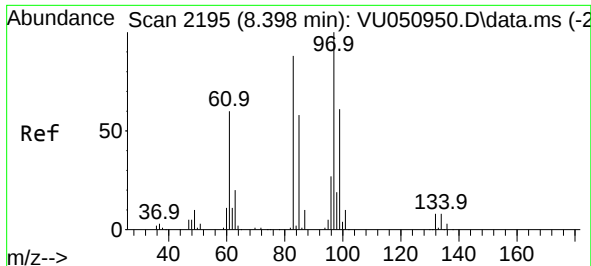
Tgt Ion: 75 Resp: 3517

Ion Ratio Lower Upper

75 100

77 41.4 21.9 40.7#





#45

1,1,2-Trichloroethane

Concen: 1.024 ug/L

RT: 8.549 min Scan# 2195

Delta R.T. 0.151 min

Lab File: VU050957.D

Acq: 27 Sep 2022 15:21

Instrument :

MSVOA_U

ClientSampleId :

F5J11

Tgt Ion: 97 Resp: 3152

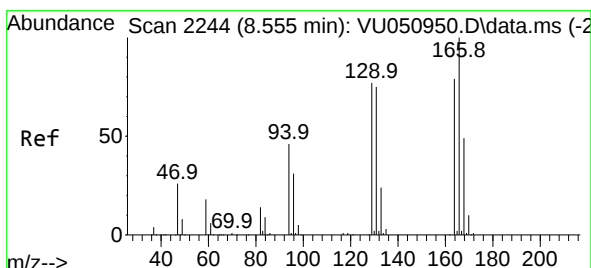
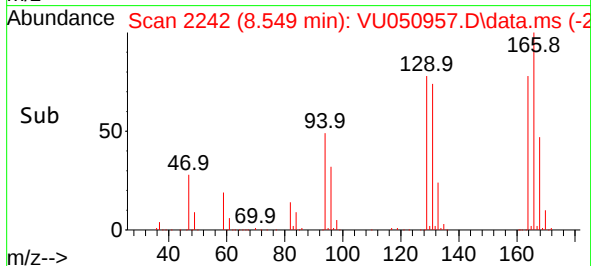
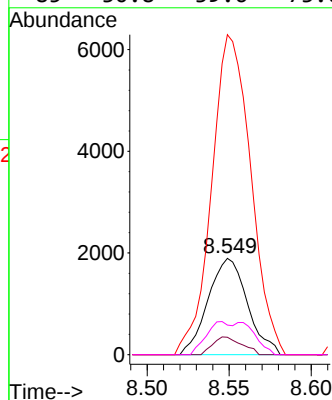
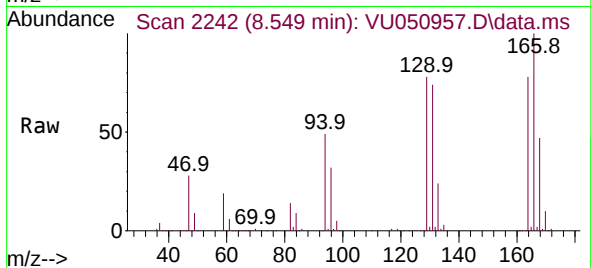
Ion Ratio Lower Upper

97 100

99 18.1 43.8 81.4#

83 332.1 62.6 116.3#

85 30.8 39.6 73.6#



#46

Tetrachloroethene

Concen: 185.139 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU050957.D

Acq: 27 Sep 2022 15:21

Tgt Ion:164 Resp: 377355

Ion Ratio Lower Upper

164 100

129 98.7 68.5 127.3

131 96.0 66.1 122.7

166 129.9 88.8 164.8

