

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
 Data File : VU050961.D
 Acq On : 27 Sep 2022 16:55
 Operator : JC/MD
 Sample : N4854-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J20

Quant Time: Sep 28 02:03:14 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)

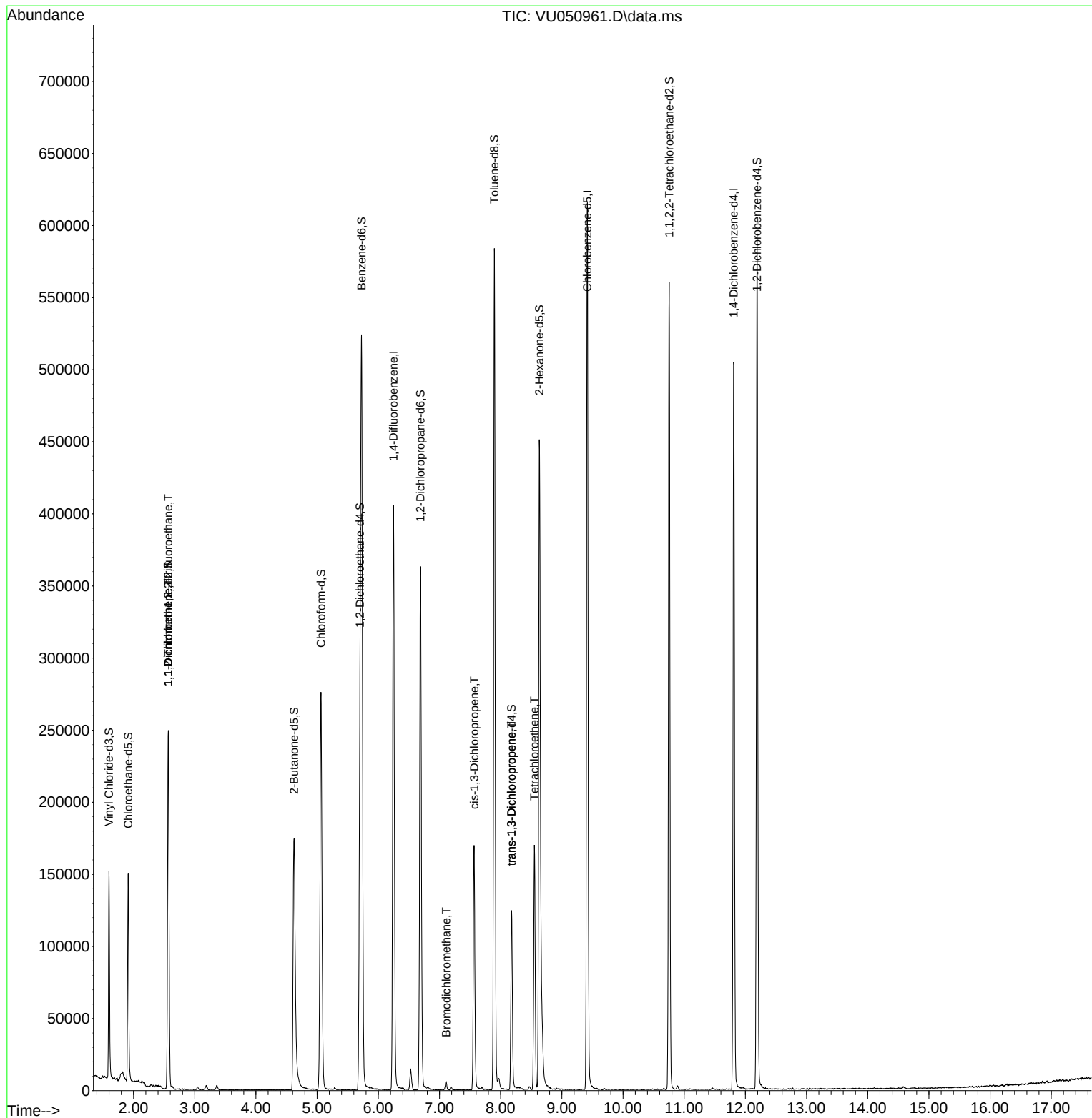
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	320204	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	340880	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	134812	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	107639	32.446	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	64.900%	
7) Chloroethane-d5	1.912	69	104660	44.296	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	88.600%	
11) 1,1-Dichloroethene-d2	2.568	63	144877	28.065	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	56.140%#	
21) 2-Butanone-d5	4.623	46	251786	117.559	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	117.560%	
24) Chloroform-d	5.063	84	260029	50.015	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.040%	
26) 1,2-Dichloroethane-d4	5.700	65	170211	53.124	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.240%	
32) Benzene-d6	5.726	84	484127	43.118	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.240%	
36) 1,2-Dichloropropane-d6	6.690	67	175300	46.254	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.500%	
41) Toluene-d8	7.896	98	389509	39.687	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	79.380%#	
43) trans-1,3-Dichloroprop...	8.179	79	70453	42.732	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.460%	
47) 2-Hexanone-d5	8.632	63	134860	86.348	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.350%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	283567	49.076	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.160%	
66) 1,2-Dichlorobenzene-d4	12.192	152	151734	53.756	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.520%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1195	0.456	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	1221	0.496	ug/L #	1
38) Bromodichloromethane	7.108	83	4248	1.039	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	3986	0.868	ug/L #	57
44) trans-1,3-Dichloropropene	8.179	75	3180	0.728	ug/L #	66
46) Tetrachloroethene	8.552	164	37043	17.690	ug/L	98

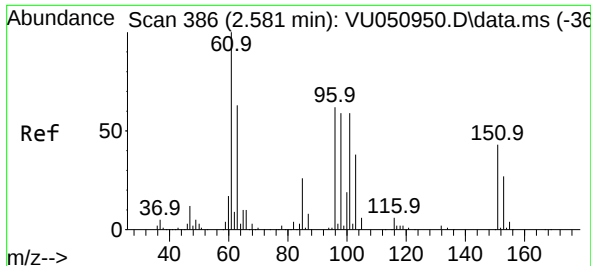
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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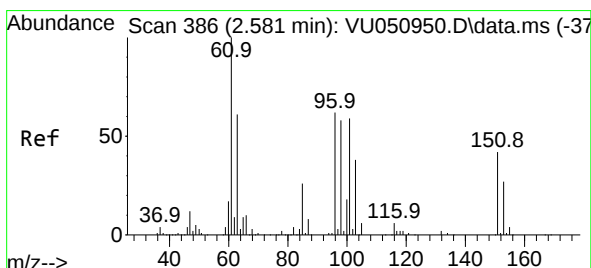
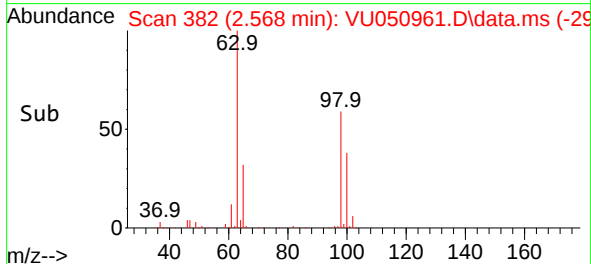
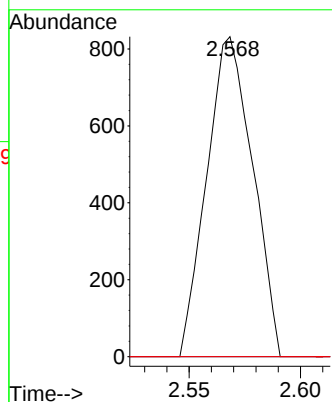
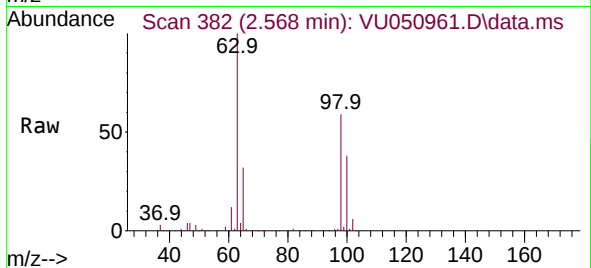




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.456 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU050961.D
 Acq: 27 Sep 2022 16:55

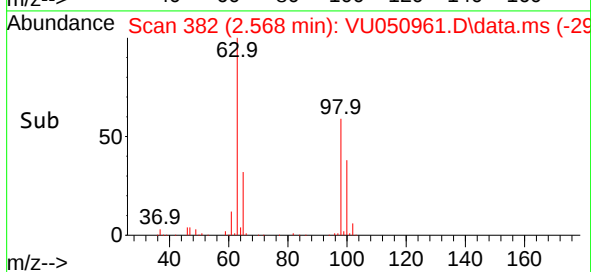
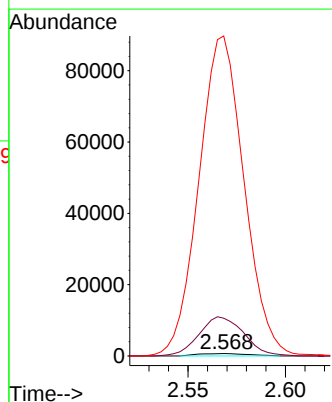
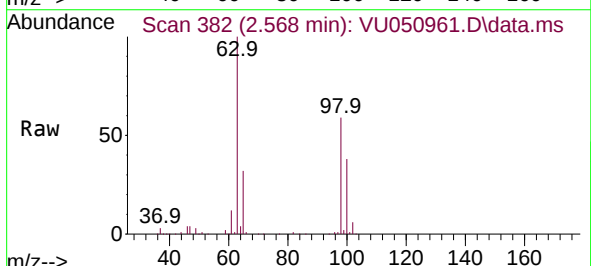
Instrument :
 MSVOA_U
 ClientSampleId :
 F5J20

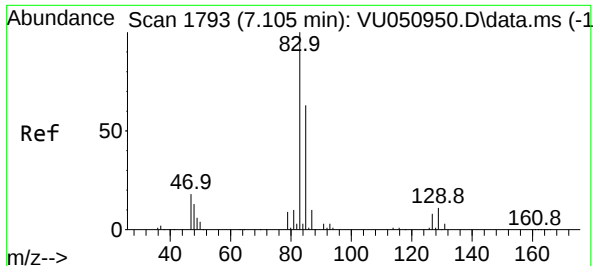
Tgt Ion:101 Resp: 1195
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 0.496 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU050961.D
 Acq: 27 Sep 2022 16:55

Tgt Ion: 96 Resp: 1221
 Ion Ratio Lower Upper
 96 100
 61 1589.7 118.6 220.2#
 63 13456.1 90.4 168.0#





#38

Bromodichloromethane

Concen: 1.039 ug/L

RT: 7.108 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050961.D

Acq: 27 Sep 2022 16:55

Instrument :

MSVOA_U

ClientSampleId :

F5J20

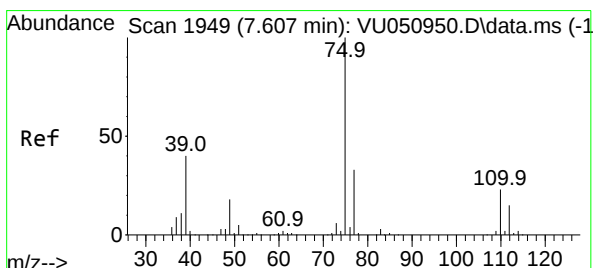
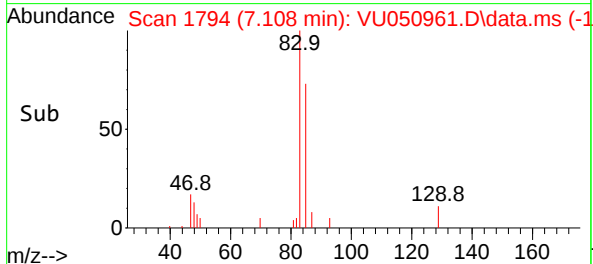
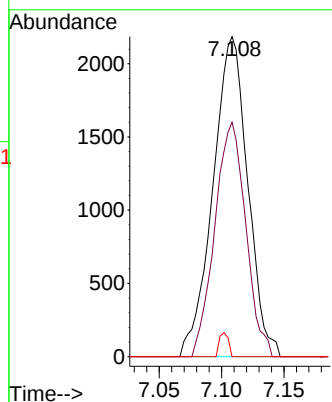
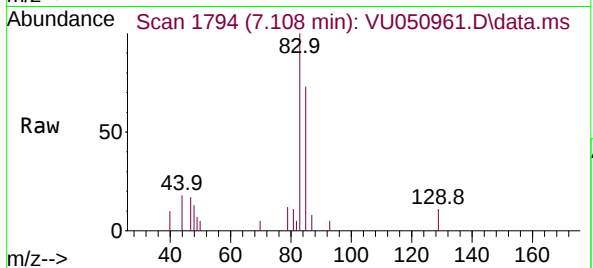
Tgt Ion: 83 Resp: 4248

Ion Ratio Lower Upper

83 100

85 73.2 44.3 82.3

127 0.0 6.4 9.6#



#39

cis-1,3-Dichloropropene

Concen: 0.868 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU050961.D

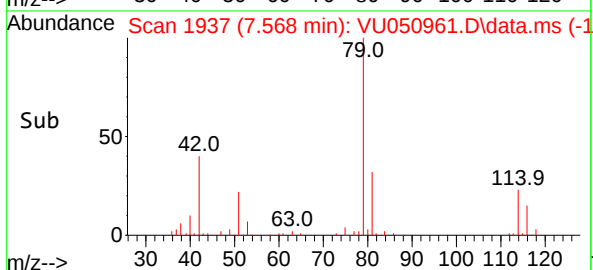
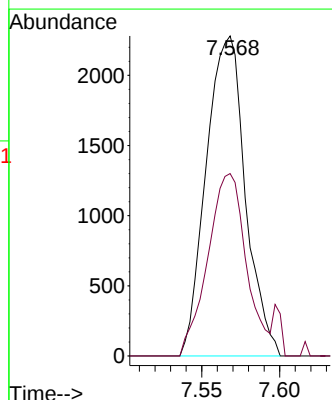
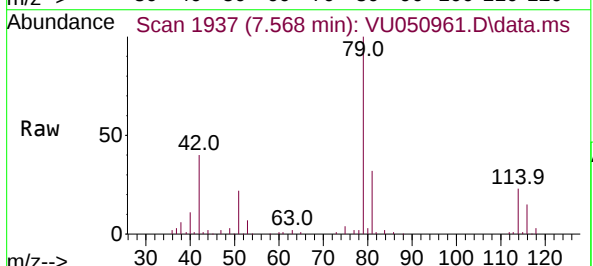
Acq: 27 Sep 2022 16:55

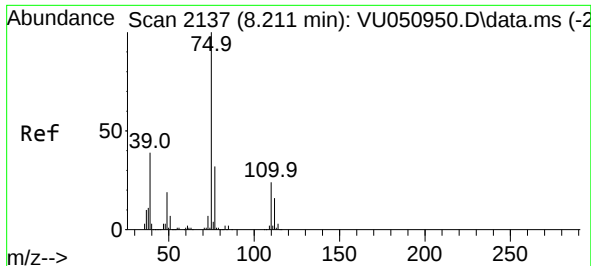
Tgt Ion: 75 Resp: 3986

Ion Ratio Lower Upper

75 100

77 57.0 22.8 42.4#

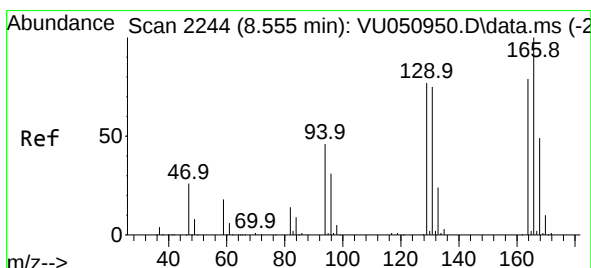
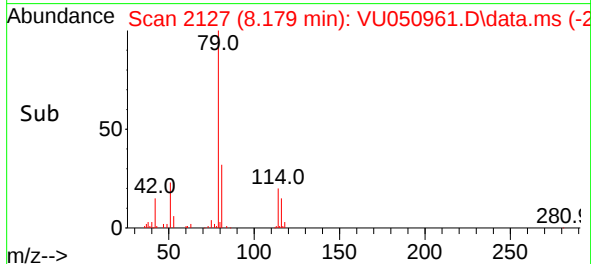
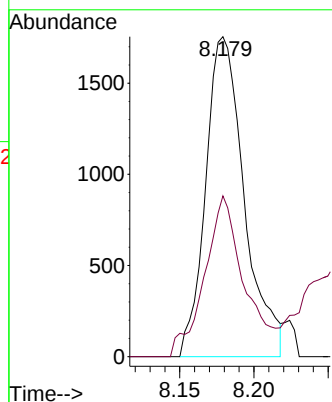
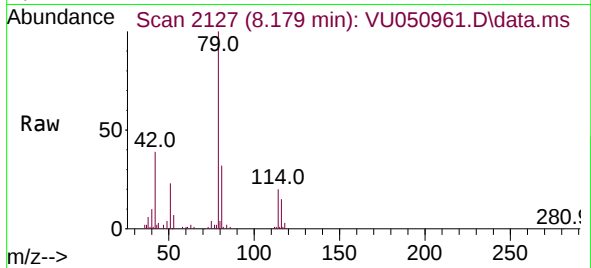




#44
trans-1,3-Dichloropropene
Concen: 0.728 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU050961.D
Acq: 27 Sep 2022 16:55

Instrument :
MSVOA_U
ClientSampleId :
F5J20

Tgt Ion: 75 Resp: 3180
Ion Ratio Lower Upper
75 100
77 50.3 21.9 40.7#



#46
Tetrachloroethene
Concen: 17.690 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050961.D
Acq: 27 Sep 2022 16:55

Tgt Ion: 164 Resp: 37043
Ion Ratio Lower Upper
164 100
129 96.7 68.5 127.3
131 91.2 66.1 122.7
166 123.7 88.8 164.8

