

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029559.D
 Acq On : 10 Dec 2022 06:14
 Operator : SY/MD
 Sample : N5929-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZA5

Quant Time: Dec 10 06:36:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 00:41:04 2022
 Response via : Initial Calibration

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

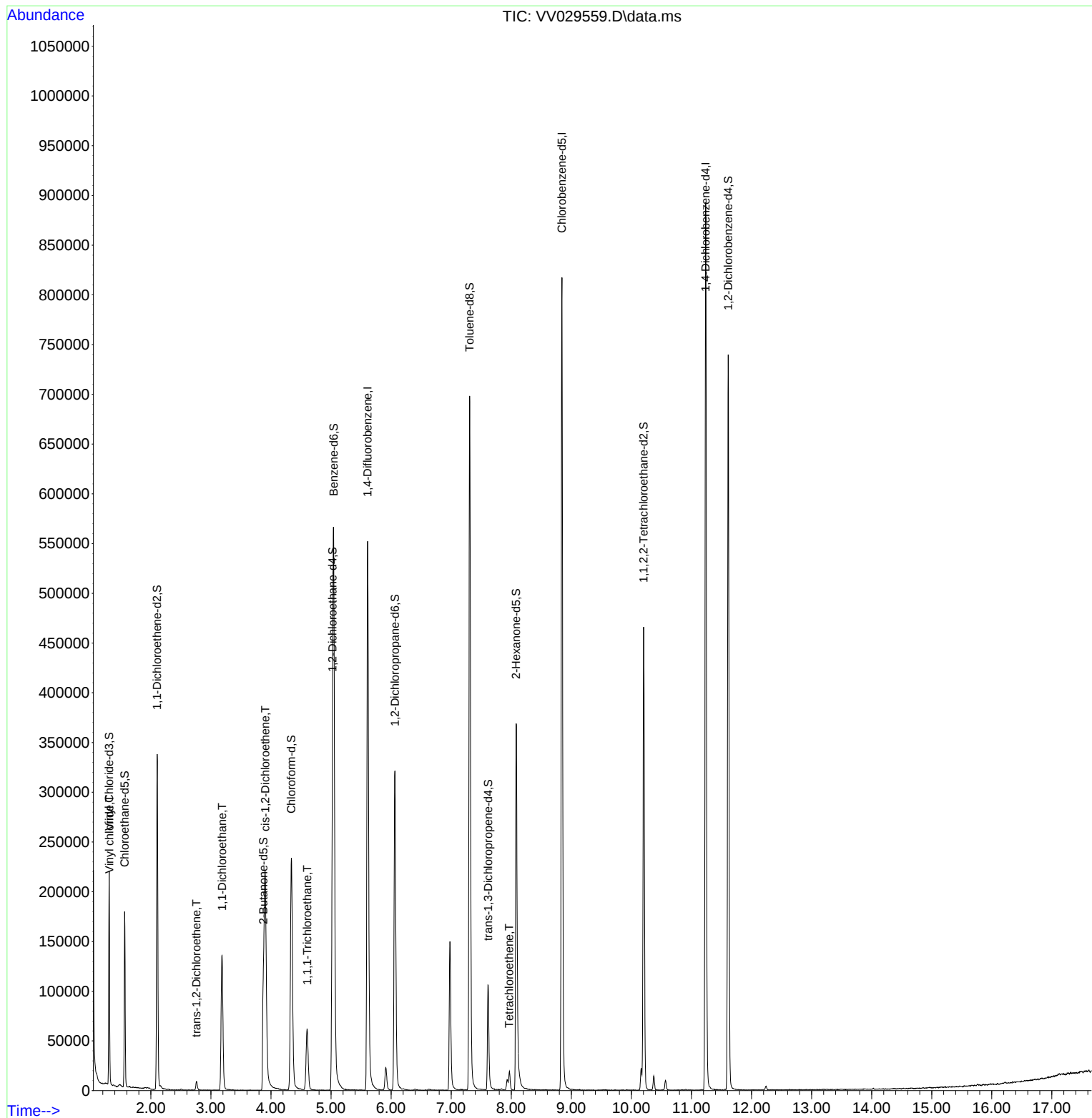
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	501500	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	469812	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	245623	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	129048	42.022	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.040%	
7) Chloroethane-d5	1.565	69	111203	47.488	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.980%	
11) 1,1-Dichloroethene-d2	2.105	63	172619	36.038	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.080%	
21) 2-Butanone-d5	3.873	46	162543	86.765	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	86.760%	
24) Chloroform-d	4.339	84	250686	43.379	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.760%	
26) 1,2-Dichloroethane-d4	5.024	65	153541	46.519	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.040%	
32) Benzene-d6	5.043	84	544583	43.868	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.740%	
36) 1,2-Dichloropropane-d6	6.063	67	168411	44.413	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	88.820%	
41) Toluene-d8	7.307	98	490297	41.917	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.840%	
43) trans-1,3-Dichloroprop...	7.616	79	66733	34.852	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.700%	
47) 2-Hexanone-d5	8.082	63	142649	88.097	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	88.100%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	233985	43.182	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	86.360%	
66) 1,2-Dichlorobenzene-d4	11.612	152	197441	42.227	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.460%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	7982	2.118	ug/L	# 76
17) trans-1,2-Dichloroethene	2.757	96	3949	1.279	ug/L	93
19) 1,1-Dichloroethane	3.185	63	141215	26.688	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	113952	33.551	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	51728	10.106	ug/L	99
46) Tetrachloroethene	7.966	164	4386	1.644	ug/L	91

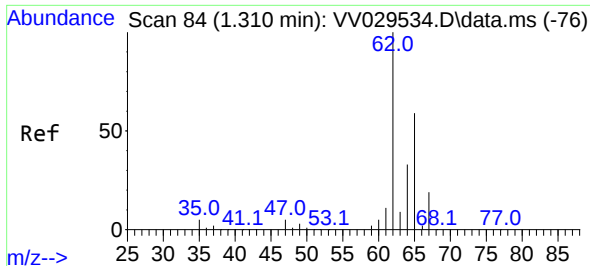
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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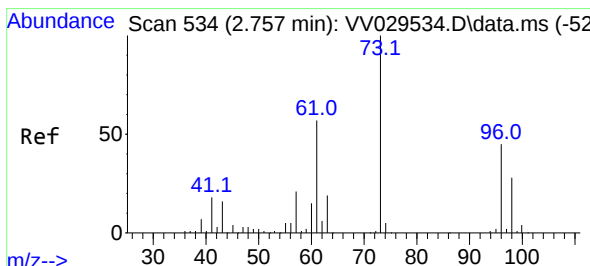
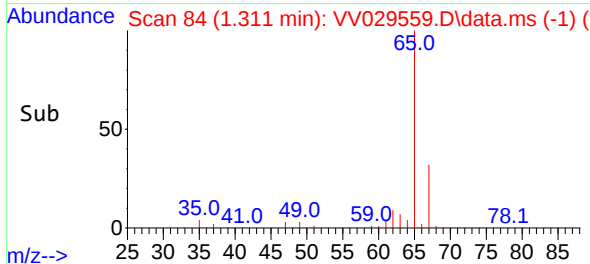
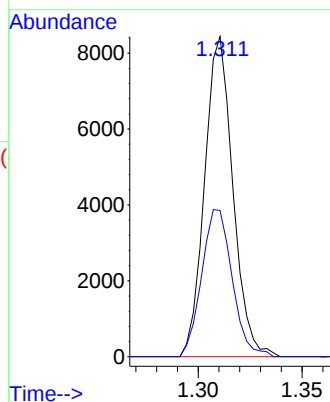
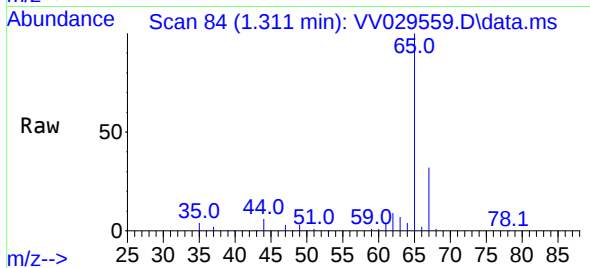




#5
 Vinyl chloride
 Concen: 2.118 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029559.D
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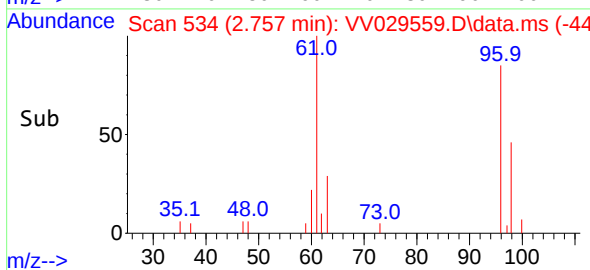
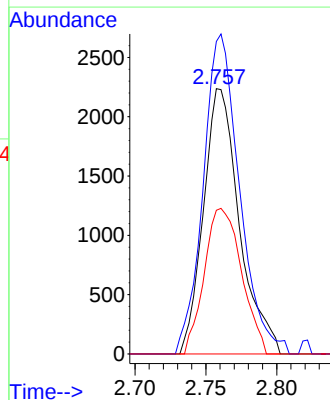
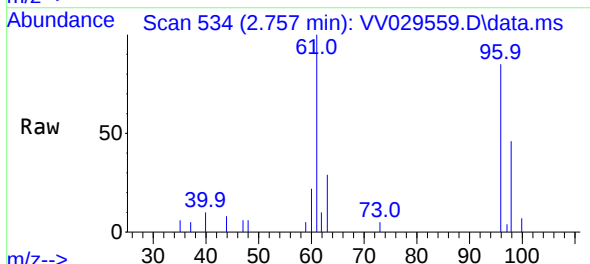
Instrument :
 MSVOA_V
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 EXZA5

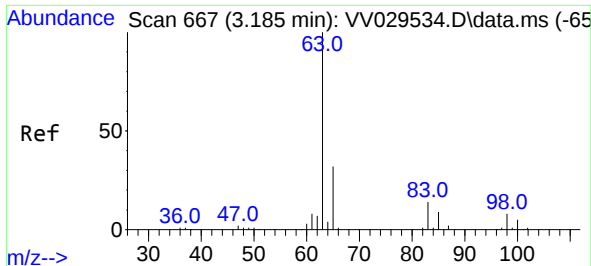
Tgt Ion: 62 Resp: 7982
 Ion Ratio Lower Upper
 62 100
 64 45.7 22.5 41.9#



#17
 trans-1,2-Dichloroethene
 Concen: 1.279 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. 0.000 min
 Lab File: VV029559.D
 Acq: 10 Dec 2022 06:14

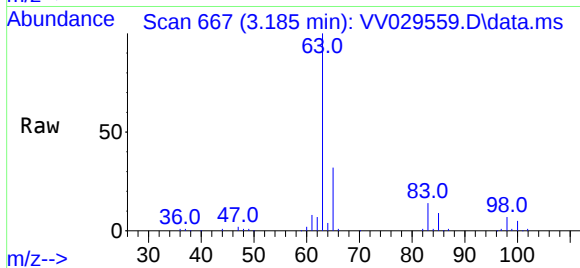
Tgt Ion: 96 Resp: 3949
 Ion Ratio Lower Upper
 96 100
 61 117.8 86.4 160.4
 98 54.2 43.4 80.6



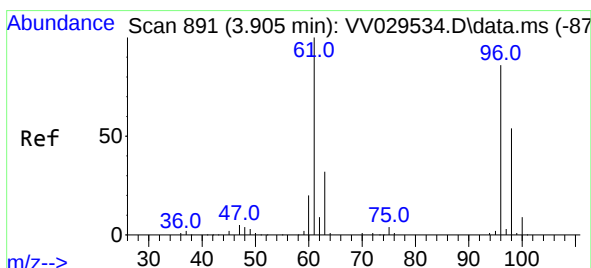
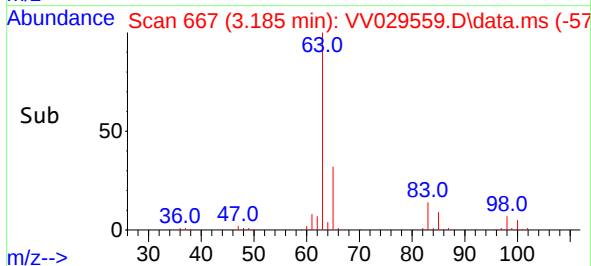
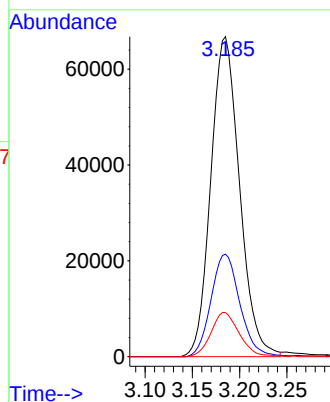


#19
1,1-Dichloroethane
Concen: 26.688 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV029559.D
Acq: 10 Dec 2022 06:14

Instrument :
MSVOA_V
ClientSampleId :
EXZA5

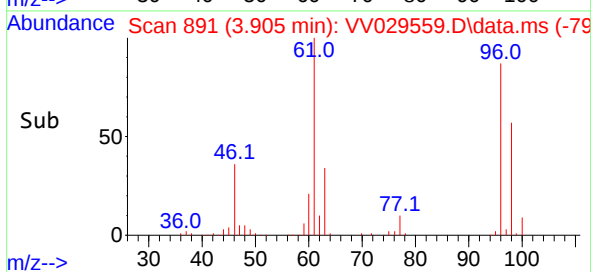
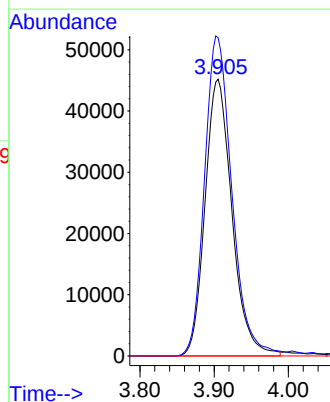
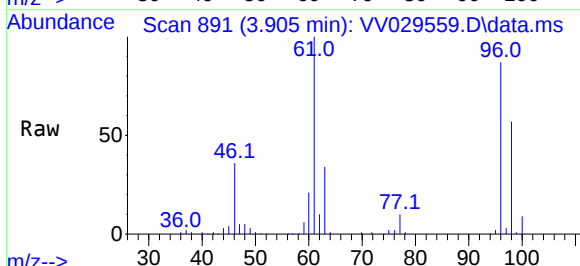


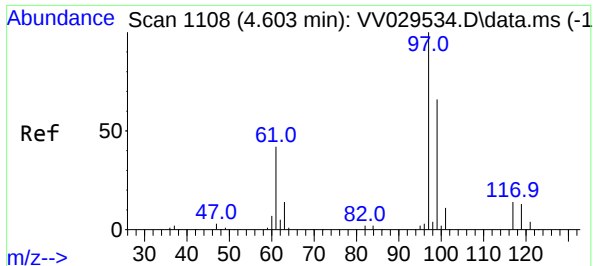
Tgt Ion: 63 Resp: 141215
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.7
83 13.8 10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 33.551 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV029559.D
Acq: 10 Dec 2022 06:14

Tgt Ion: 96 Resp: 113952
Ion Ratio Lower Upper
96 100
61 115.0 78.0 144.9
68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 10.106 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV029559.D

Acq: 10 Dec 2022 06:14

Instrument :

MSVOA_V

ClientSampleId :

EXZA5

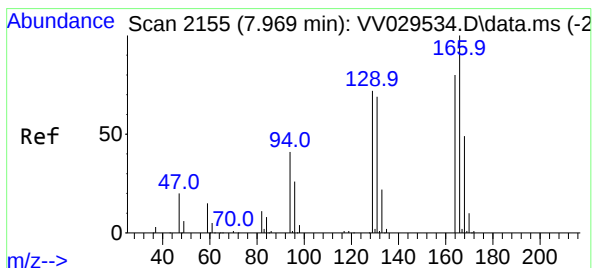
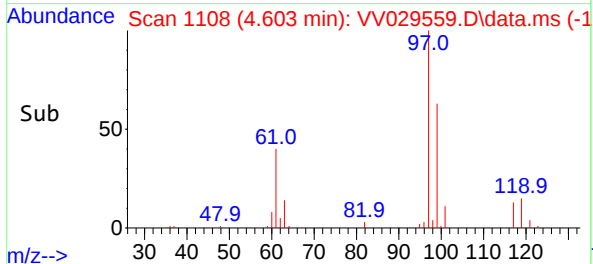
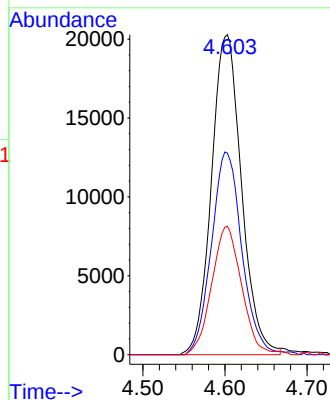
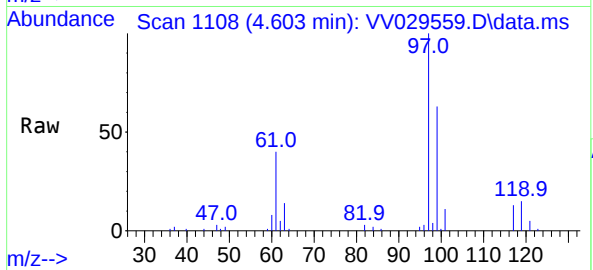
Tgt Ion: 97 Resp: 51728

Ion Ratio Lower Upper

97 100

99 64.0 52.1 78.1

61 39.6 31.8 47.8



#46

Tetrachloroethene

Concen: 1.644 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.003 min

Lab File: VV029559.D

Acq: 10 Dec 2022 06:14

Tgt Ion:164 Resp: 4386

Ion Ratio Lower Upper

164 100

129 88.4 65.3 121.3

131 98.1 63.1 117.1

166 115.7 90.8 168.6

