

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030668.D
 Acq On : 19 Apr 2023 16:31
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:29:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

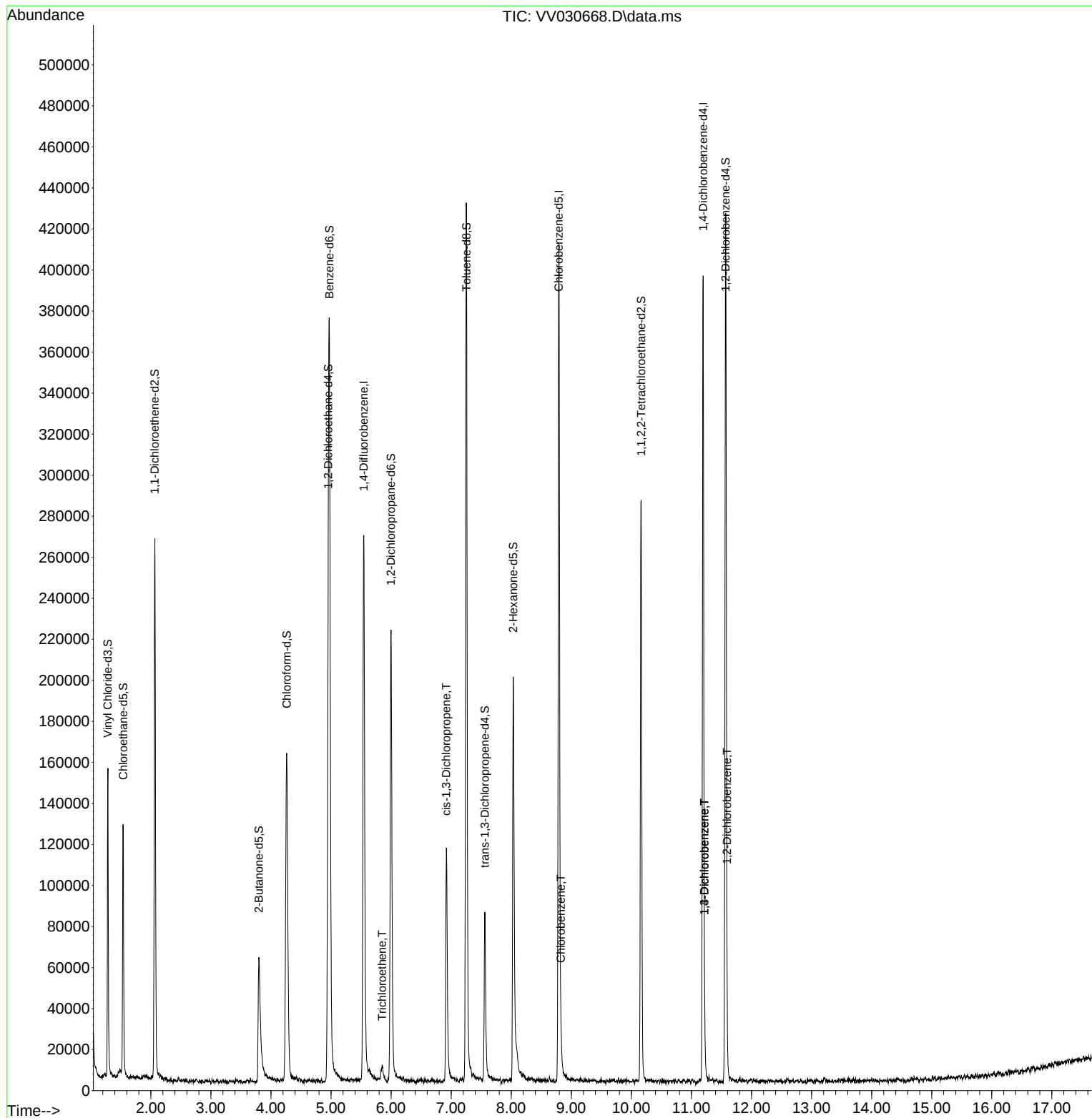
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	224428	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	215281	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	101579	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	98284	59.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 119.480%	
7) Chloroethane-d5	1.539	69	78096	56.645	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 113.280%	
11) 1,1-Dichloroethene-d2	2.066	65	44433	56.949	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 113.900%	
21) 2-Butanone-d5	3.799	46	104243	115.357	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 115.360%	
24) Chloroform-d	4.262	84	165306	55.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.880%	
26) 1,2-Dichloroethane-d4	4.953	65	115275	60.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 120.280%	
32) Benzene-d6	4.973	84	317066	62.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 124.580%	
36) 1,2-Dichloropropane-d6	5.998	67	95217	60.224	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 120.440%#	
41) Toluene-d8	7.252	98	276867	57.936	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 115.880%	
43) trans-1,3-Dichloroprop...	7.561	79	46889	58.841	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 117.680%	
47) 2-Hexanone-d5	8.034	63	68027	109.222	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 109.220%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	127749	55.684	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 111.360%	
66) 1,2-Dichlorobenzene-d4	11.570	152	106137	65.737	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 131.480%#	
Target Compounds						
					Qvalue	
34) Trichloroethene	5.850	95	2056	1.209	ug/L	93
39) cis-1,3-Dichloropropene	6.918	75	3334	1.262	ug/L #	69
51) Chlorobenzene	8.825	112	8017	1.729	ug/L	99
64) 1,3-Dichlorobenzene	11.217	146	5467	1.724	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	5467	1.635	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	3942	1.232	ug/L #	85

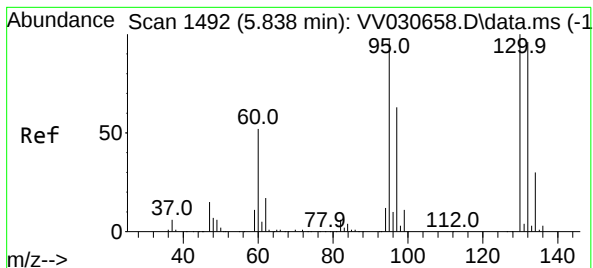
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 1.209 ug/L

RT: 5.850 min Scan# 1492

Delta R.T. 0.013 min

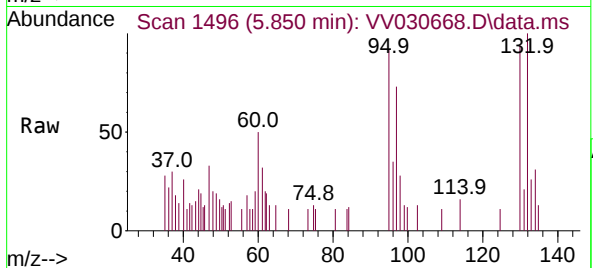
Lab File: VV030668.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 2056

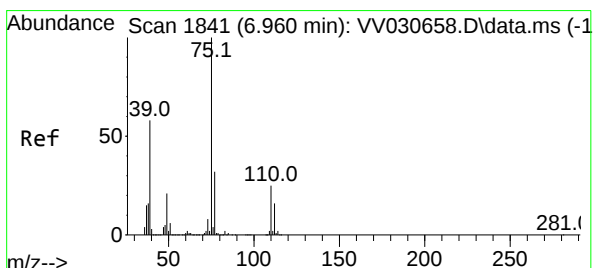
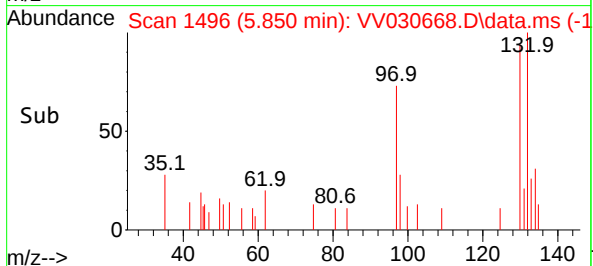
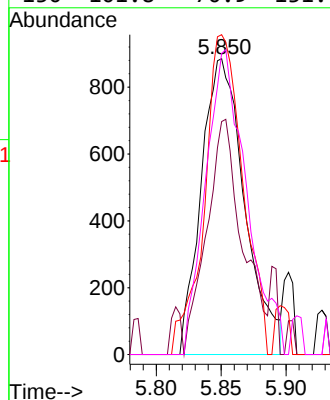
Ion Ratio Lower Upper

95 100

97 78.8 45.8 85.2

132 108.1 70.6 131.2

130 101.8 70.9 131.7



#39

cis-1,3-Dichloropropene

Concen: 1.262 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.042 min

Lab File: VV030668.D

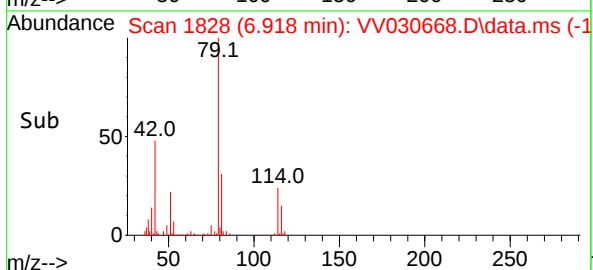
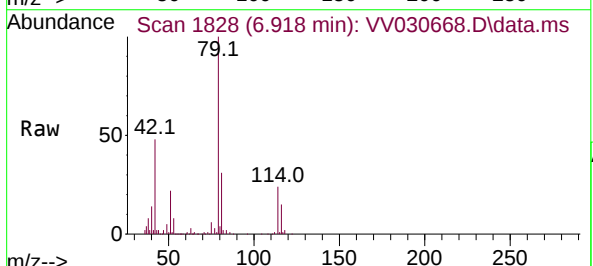
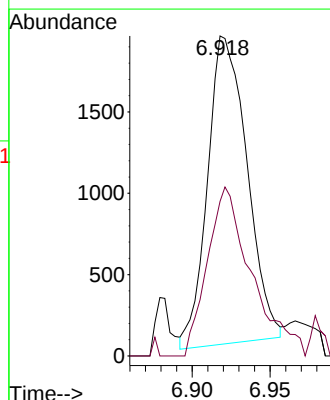
Acq: 19 Apr 2023 16:31

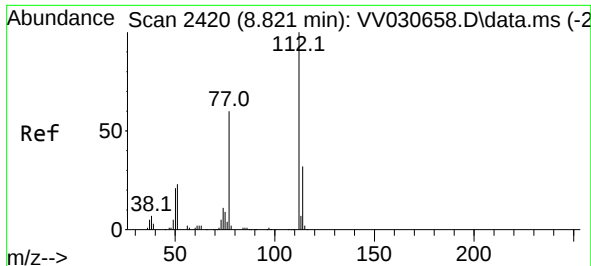
Tgt Ion: 75 Resp: 3334

Ion Ratio Lower Upper

75 100

77 48.3 22.0 40.8#

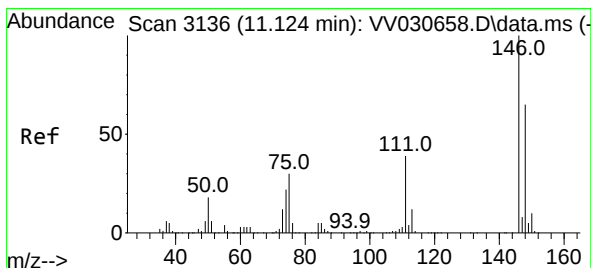
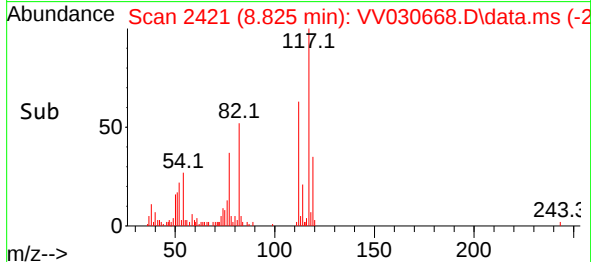
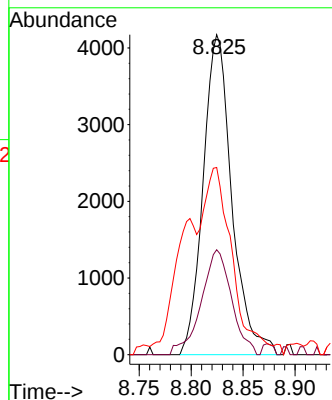
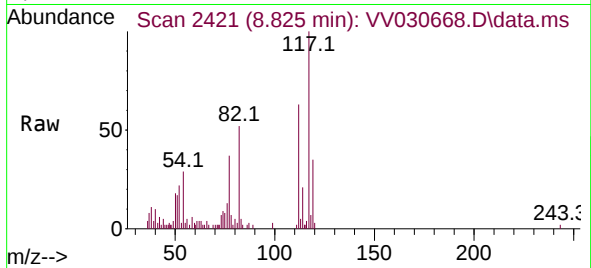




#51
Chlorobenzene
Concen: 1.729 ug/L
RT: 8.825 min Scan# 2420
Delta R.T. 0.003 min
Lab File: VV030668.D
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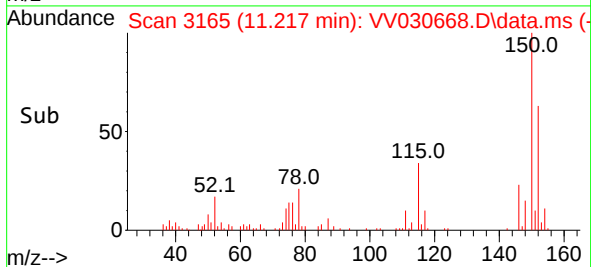
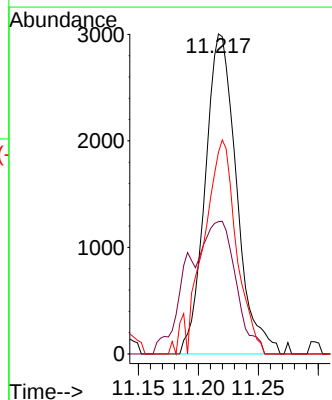
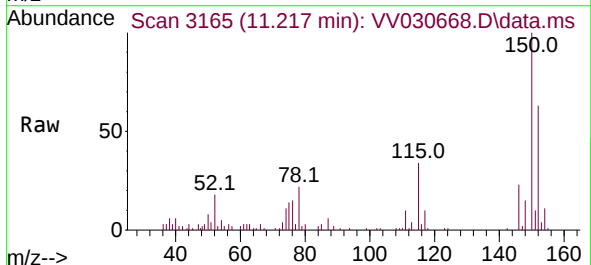
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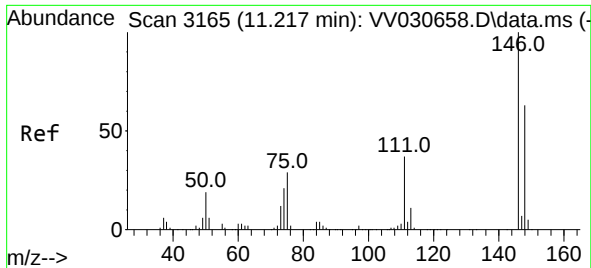
Tgt Ion:112 Resp: 8017
Ion Ratio Lower Upper
112 100
114 32.8 22.4 41.6
77 58.5 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 1.724 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.093 min
Lab File: VV030668.D
Acq: 19 Apr 2023 16:31

Tgt Ion:146 Resp: 5467
Ion Ratio Lower Upper
146 100
111 41.3 27.0 50.2
148 63.0 44.8 83.2

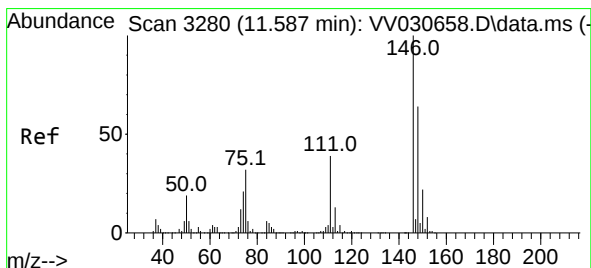
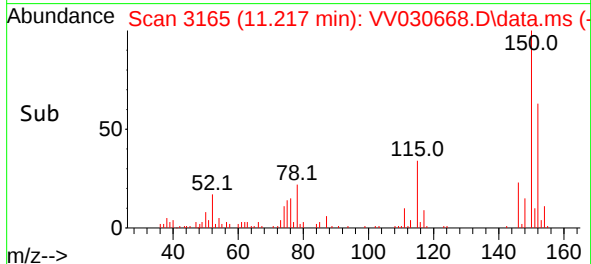
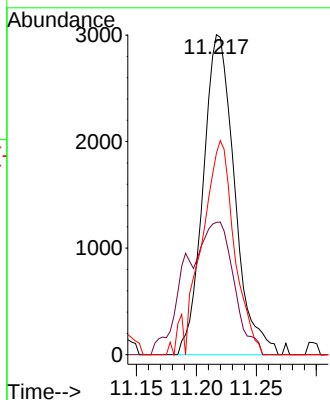
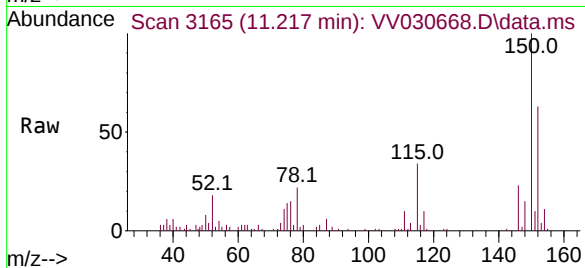




#65
1,4-Dichlorobenzene
Concen: 1.635 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030668.D
Acq: 19 Apr 2023 16:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 5467
Ion Ratio Lower Upper
146 100
111 41.3 26.5 49.1
148 63.0 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 1.232 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.003 min
Lab File: VV030668.D
Acq: 19 Apr 2023 16:31

Tgt Ion:146 Resp: 3942
Ion Ratio Lower Upper
146 100
111 52.6 32.0 48.0#
148 71.7 50.6 76.0

