

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029219.D
 Acq On : 20 Nov 2022 12:46
 Operator : SY/MD
 Sample : N5651-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L1

Quant Time: Nov 21 00:56:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

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

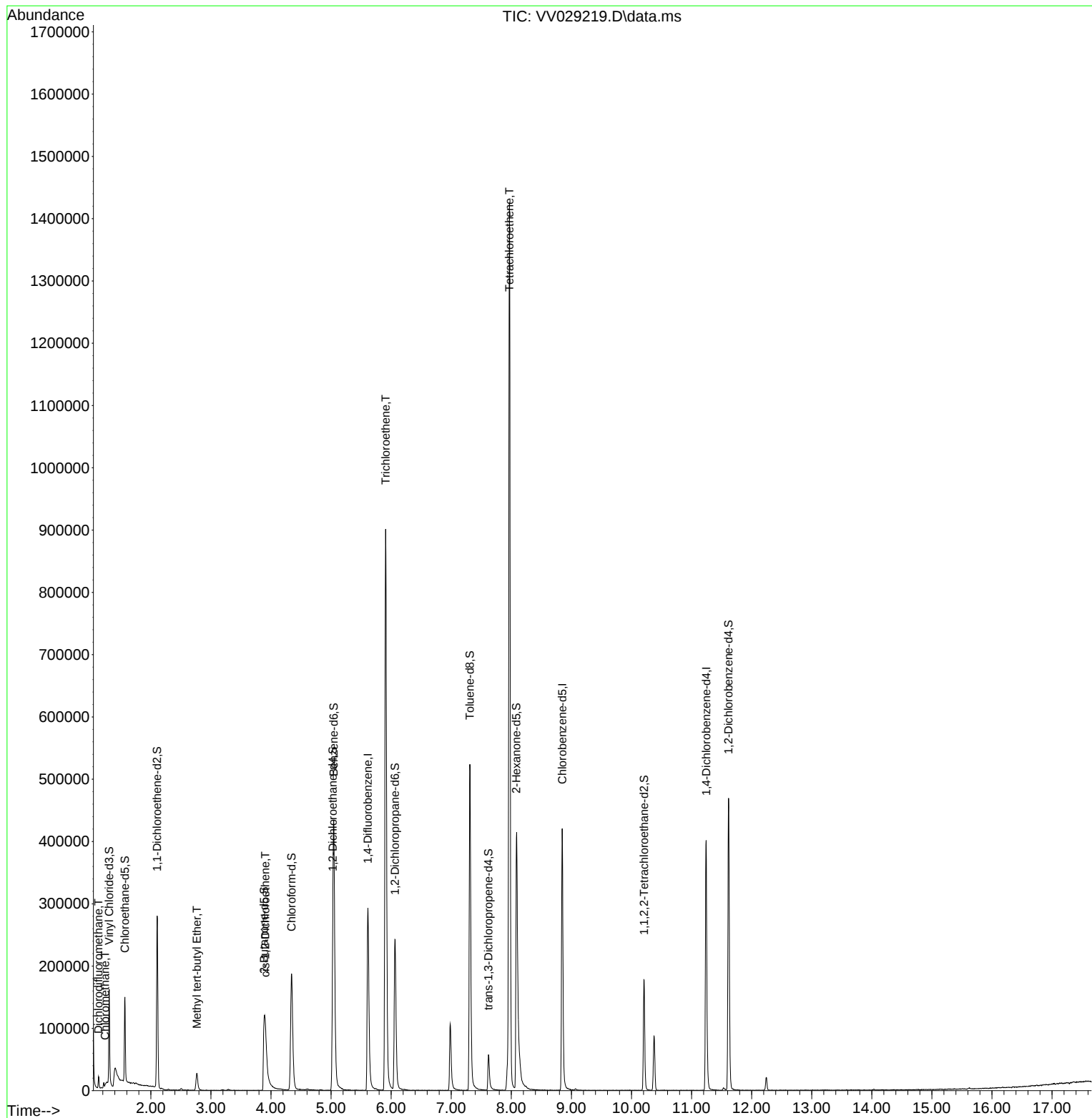
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	279732	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	254409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	117265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	107110	6.281	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 125.600%		
7) Chloroethane-d5	1.568	69	89737	5.986	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 119.800%		
11) 1,1-Dichloroethene-d2	2.105	63	141496	4.553	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 91.000%		
20) 2-Butanone-d5	3.886	46	216511	75.843	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 151.680%#		
24) Chloroform-d	4.339	84	204837	5.850	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 117.000%		
26) 1,2-Dichloroethane-d4	5.027	65	96108	6.101	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 122.000%		
32) Benzene-d6	5.043	84	431097	5.677	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.600%		
36) 1,2-Dichloropropane-d6	6.066	67	127945	6.034	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 120.600%		
41) Toluene-d8	7.310	98	375420	5.492	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.800%		
43) trans-1,3-Dichloroprop...	7.619	79	38035	5.500	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 110.000%		
46) 2-Hexanone-d5	8.085	63	177400	60.094	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 120.180%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	90343	6.145	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 123.000%#		
66) 1,2-Dichlorobenzene-d4	11.615	152	135429	6.455	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 129.200%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	6473	0.278	ug/L	97
3) Chloromethane	1.240	50	2689	0.139	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	28729	0.791	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	18106	0.907	ug/L	96
34) Trichloroethene	5.908	95	324708	16.315	ug/L	98
47) Tetrachloroethene	7.969	164	334738	21.004	ug/L	99

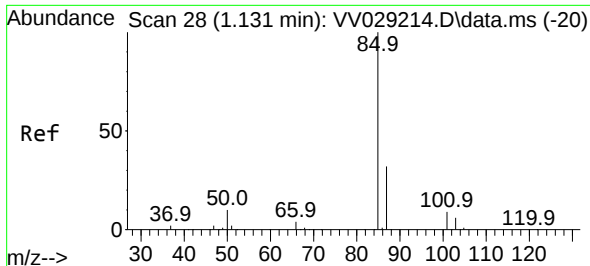
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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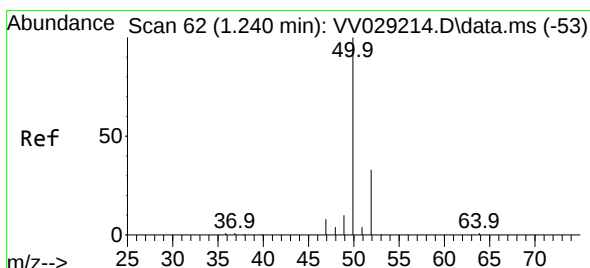
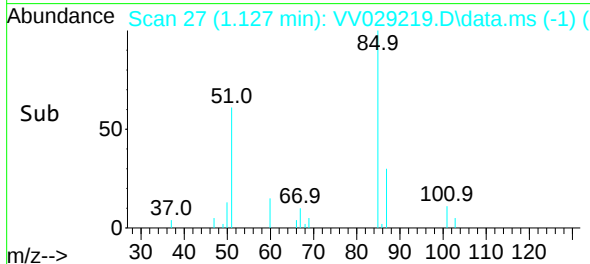
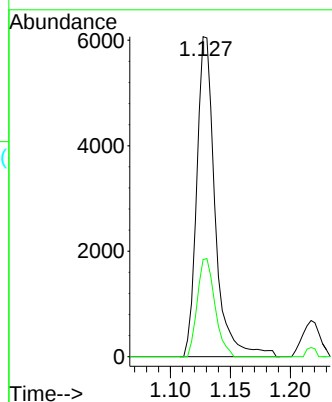
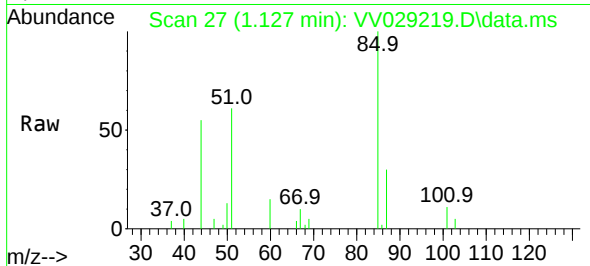




#2
 Dichlorodifluoromethane
 Concen: 0.278 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV029219.D
 Acq: 20 Nov 2022 12:46

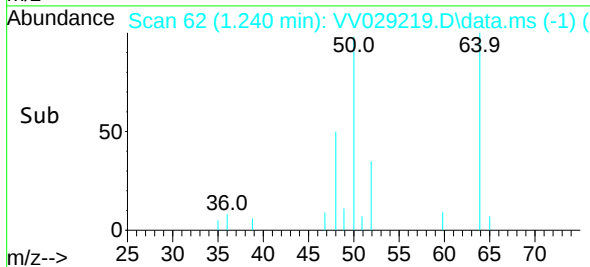
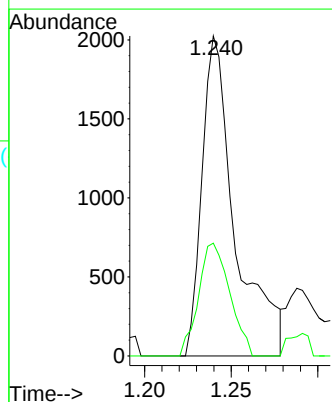
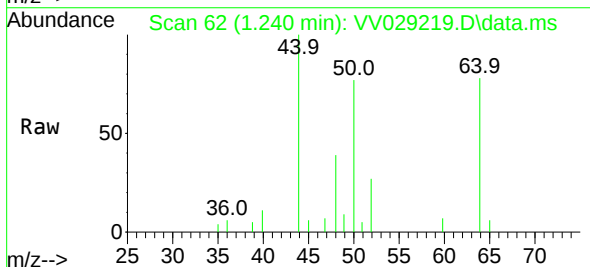
Instrument :
 MSVOA_V
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 BH1L1

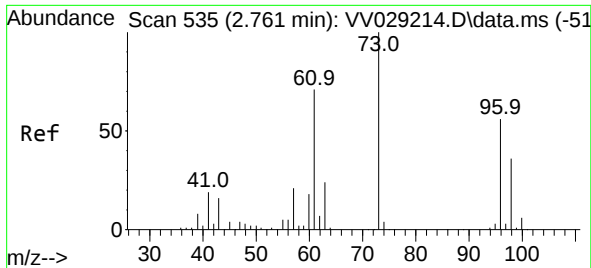
Tgt Ion: 85 Resp: 6473
 Ion Ratio Lower Upper
 85 100
 87 29.4 25.0 37.4



#3
 Chloromethane
 Concen: 0.139 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029219.D
 Acq: 20 Nov 2022 12:46

Tgt Ion: 50 Resp: 2689
 Ion Ratio Lower Upper
 50 100
 52 35.3 23.7 43.9

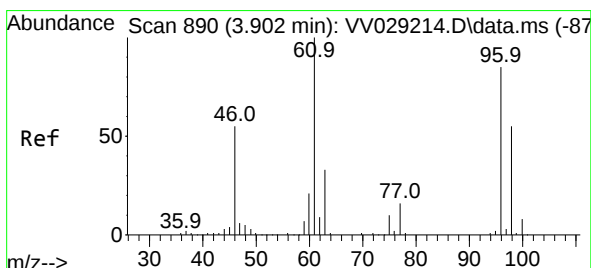
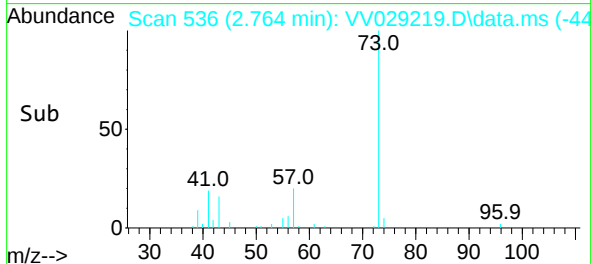
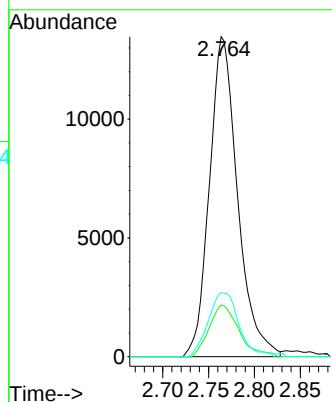
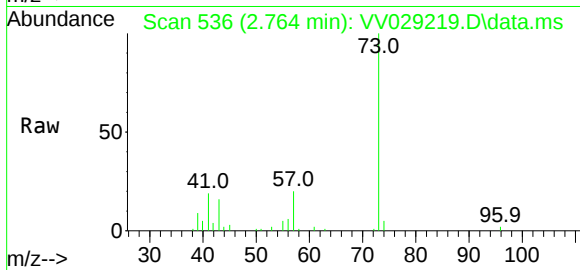




#17
Methyl tert-butyl Ether
Concen: 0.791 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029219.D
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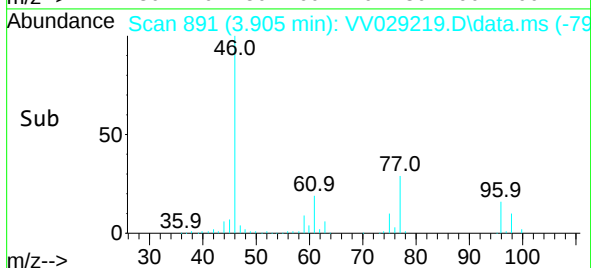
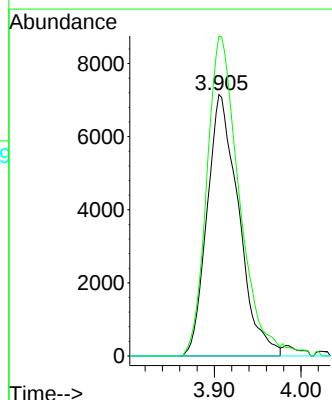
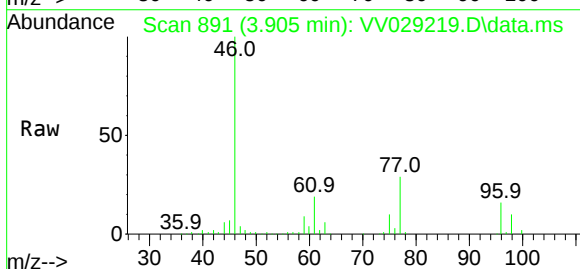
Instrument :
MSVOA_V
ClientSampleId :
BH1L1

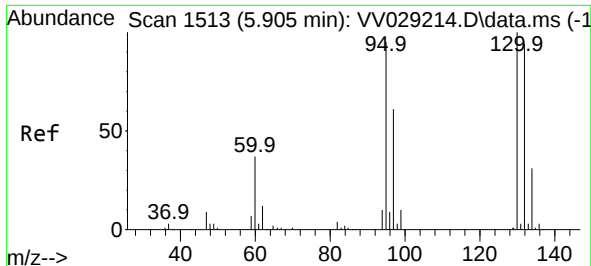
Tgt Ion: 73 Resp: 28729
Ion Ratio Lower Upper
73 100
43 17.0 13.0 19.4
57 21.7 16.6 24.8



#22
cis-1,2-Dichloroethene
Concen: 0.907 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV029219.D
Acq: 20 Nov 2022 12:46

Tgt Ion: 96 Resp: 18106
Ion Ratio Lower Upper
96 100
61 122.4 82.3 152.9
68 0.0 0.0 0.0

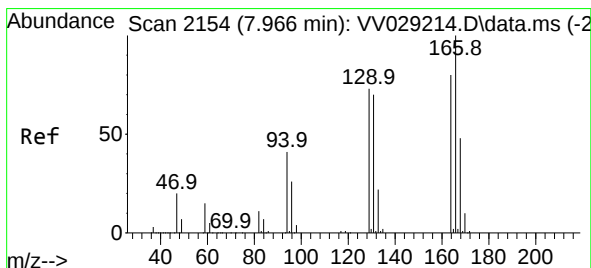
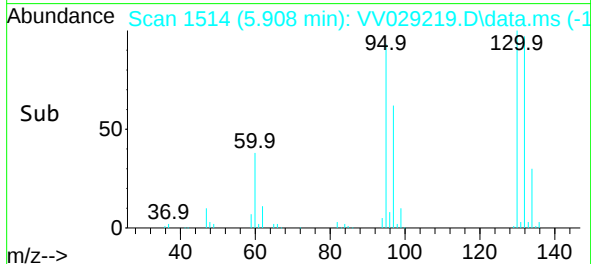
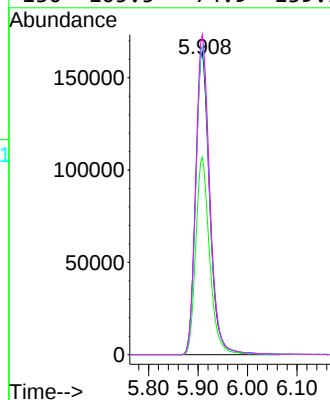
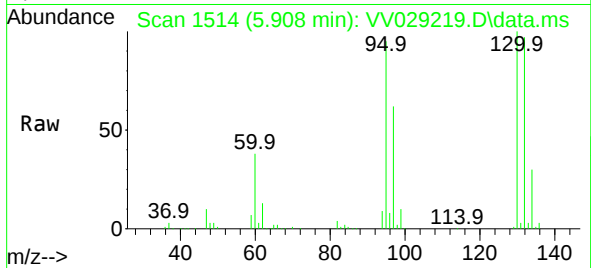




#34
Trichloroethene
Concen: 16.315 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029219.D
Acq: 20 Nov 2022 12:46

Instrument :
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Tgt Ion: 95 Resp: 324708
Ion Ratio Lower Upper
95 100
97 65.1 45.6 84.8
132 101.9 69.1 128.3
130 105.5 74.9 139.1



#47
Tetrachloroethene
Concen: 21.004 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029219.D
Acq: 20 Nov 2022 12:46

Tgt Ion: 164 Resp: 334738
Ion Ratio Lower Upper
164 100
129 91.2 63.9 118.7
131 89.3 61.8 114.8
166 127.4 90.2 167.4

