

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042924\
 Data File : VW035464.D
 Acq On : 29 Apr 2024 12:33
 Operator : SY/MD
 Sample : P2279-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0RQ5

Quant Time: Apr 30 02:10:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 02:09:05 2024
 Response via : Initial Calibration

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

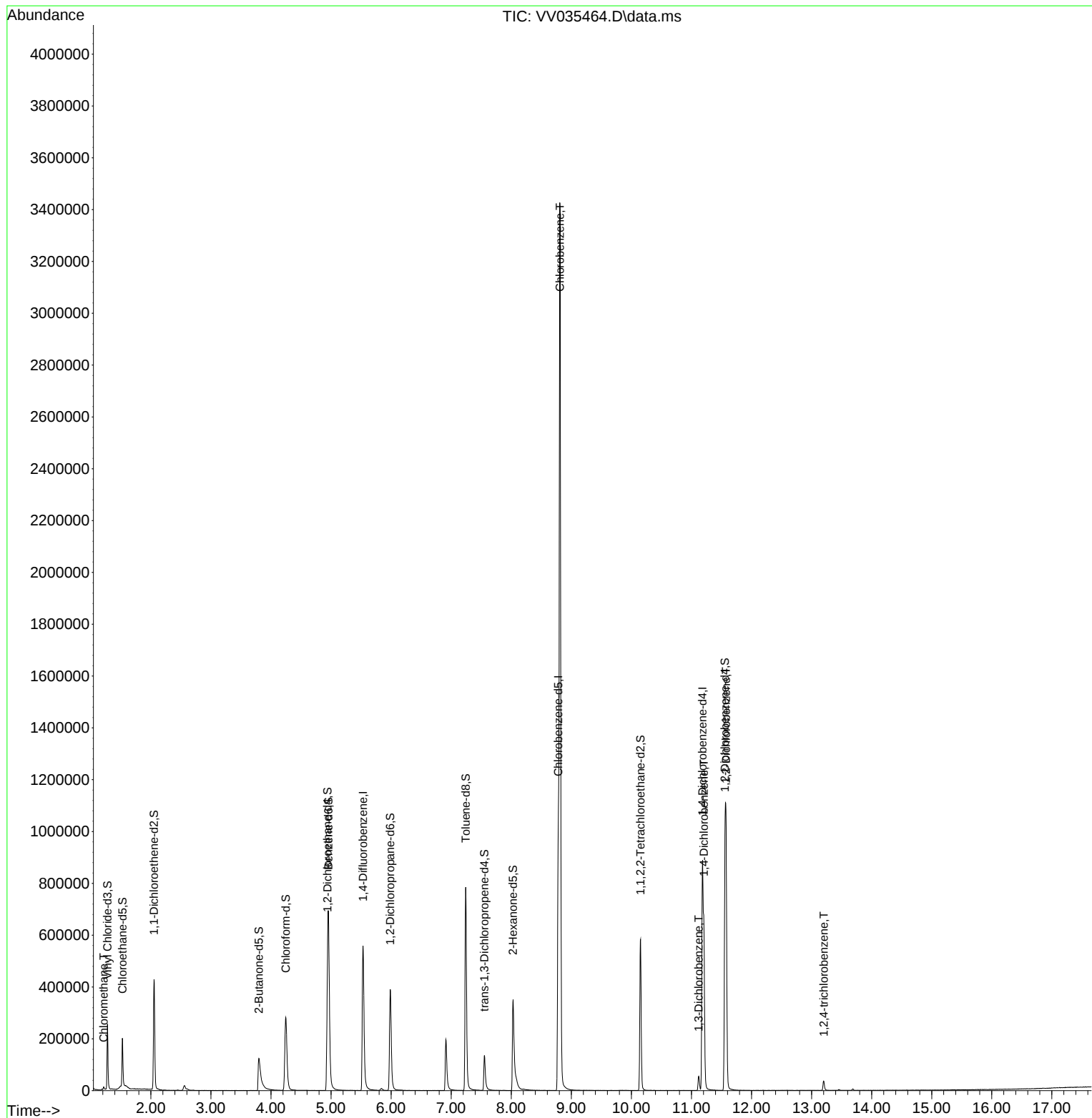
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	509343	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	504354	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	227451	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	168909	41.264	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.520%		
7) Chloroethane-d5	1.526	69	111831	47.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.360%		
11) 1,1-Dichloroethene-d2	2.053	65	74333	44.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.860%		
21) 2-Butanone-d5	3.799	46	221202	105.440	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.440%		
24) Chloroform-d	4.246	84	315943	45.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.740%		
26) 1,2-Dichloroethane-d4	4.941	65	198062	49.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.740%		
32) Benzene-d6	4.957	84	638254	48.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.320%		
36) 1,2-Dichloropropane-d6	5.986	67	204328	49.966	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.940%		
41) Toluene-d8	7.243	98	544381	45.569	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.140%		
43) trans-1,3-Dichloroprop...	7.551	79	88847	46.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.880%		
47) 2-Hexanone-d5	8.031	63	127087	107.803	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.800%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	292662	50.213	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.420%		
66) 1,2-Dichlorobenzene-d4	11.558	152	212877	53.495	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.980%		
Target Compounds						
3) Chloromethane	1.214	50	6634	1.746	ug/L	99
51) Chlorobenzene	8.812	112	1861910	186.705	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	24653	3.647	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	246162	34.718	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	364350	53.198	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	13056	3.434	ug/L	97

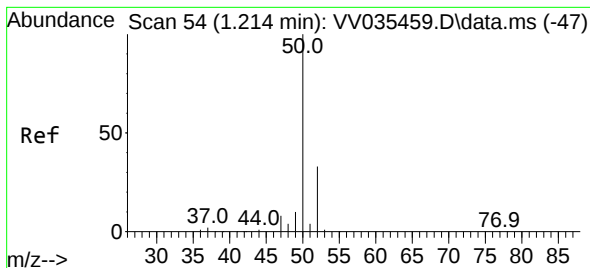
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 30 02:09:05 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.746 ug/L

RT: 1.214 min Scan# 54

Delta R.T. 0.000 min

Lab File: VV035464.D

Acq: 29 Apr 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :

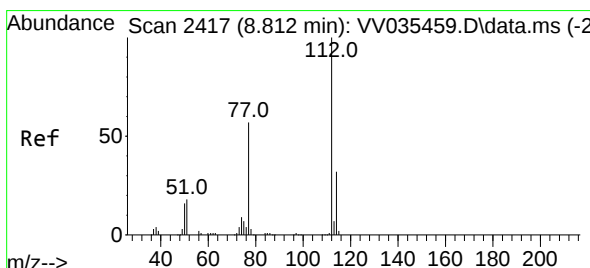
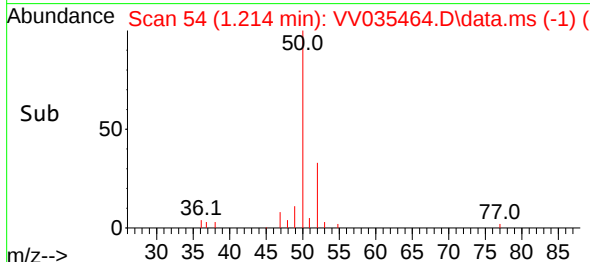
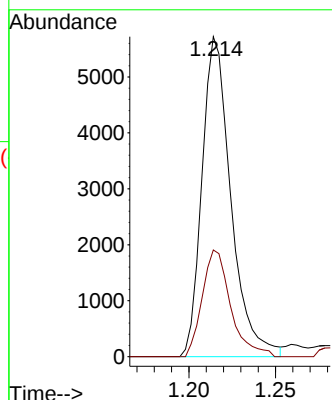
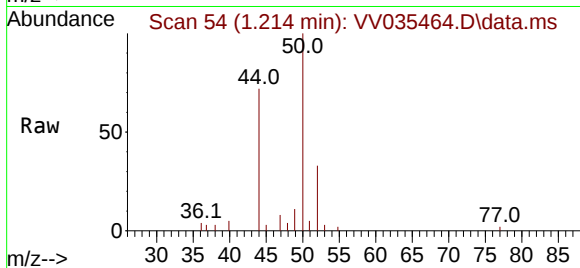
C0RQ5

Tgt Ion: 50 Resp: 6634

Ion Ratio Lower Upper

50 100

52 33.4 23.0 42.8



#51

Chlorobenzene

Concen: 186.705 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV035464.D

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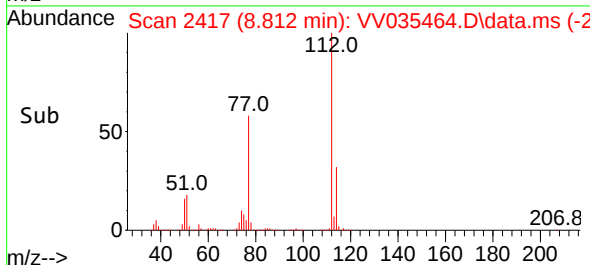
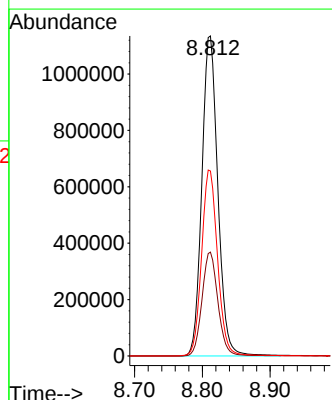
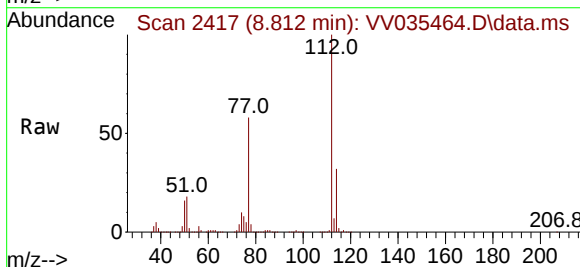
Tgt Ion: 112 Resp: 1861910

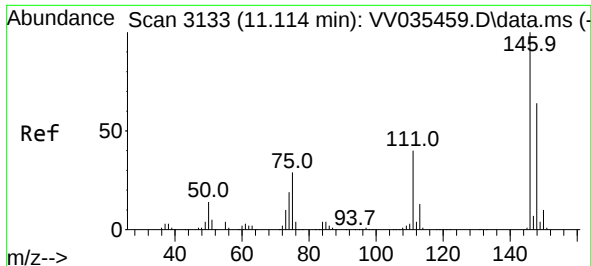
Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

77 57.8 45.6 68.4

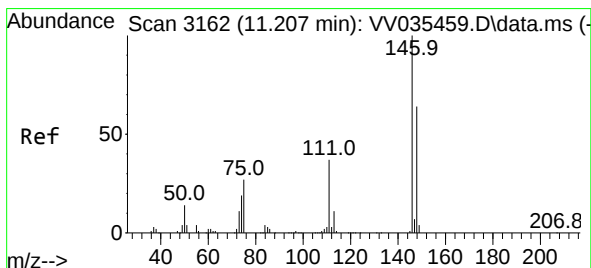
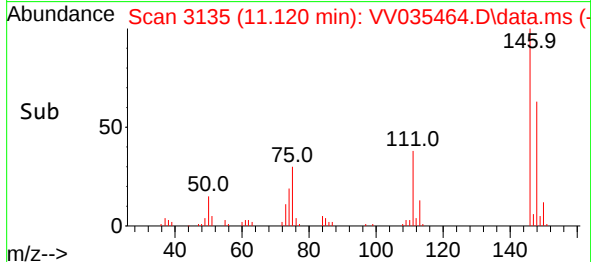
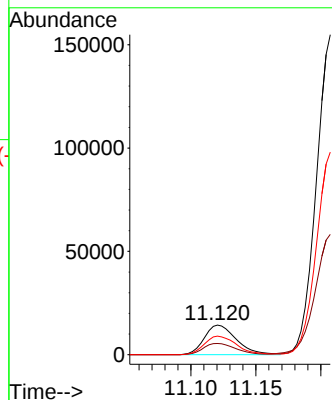
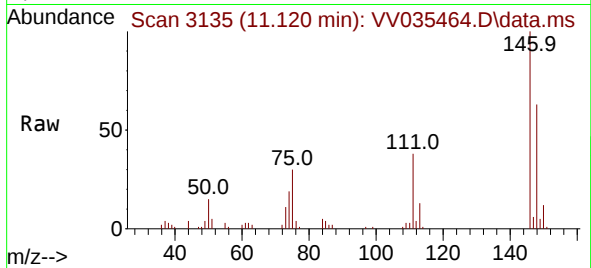




#64
1,3-Dichlorobenzene
Concen: 3.647 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.007 min
Lab File: VV035464.D
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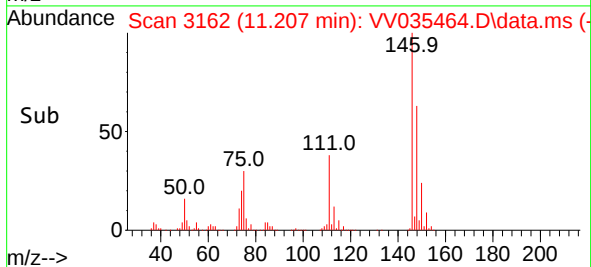
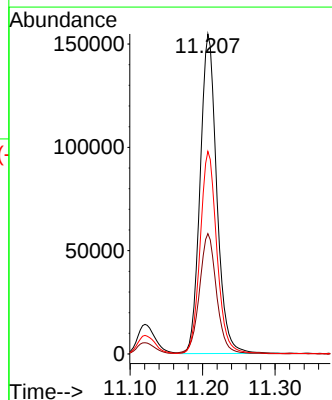
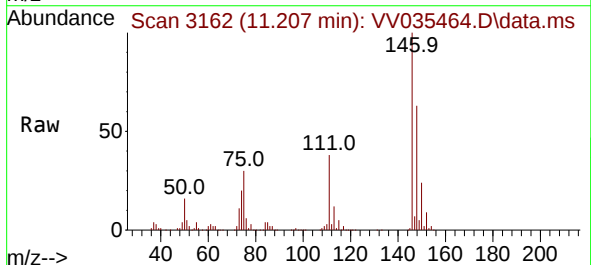
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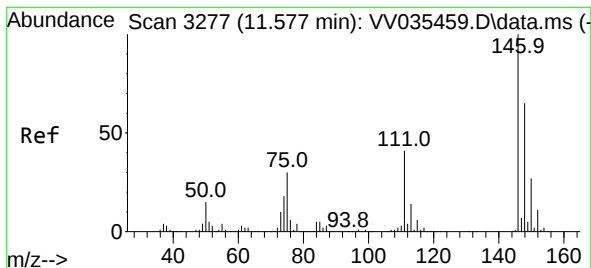
Tgt Ion:146 Resp: 24653
Ion Ratio Lower Upper
146 100
111 38.1 27.0 50.2
148 62.9 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 34.718 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035464.D
Acq: 29 Apr 2024 12:33

Tgt Ion:146 Resp: 246162
Ion Ratio Lower Upper
146 100
111 37.6 26.5 49.1
148 63.3 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 53.198 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035464.D

Acq: 29 Apr 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :

C0RQ5

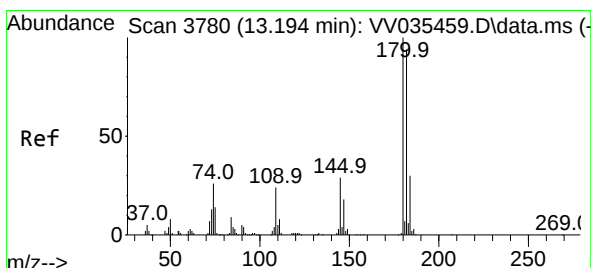
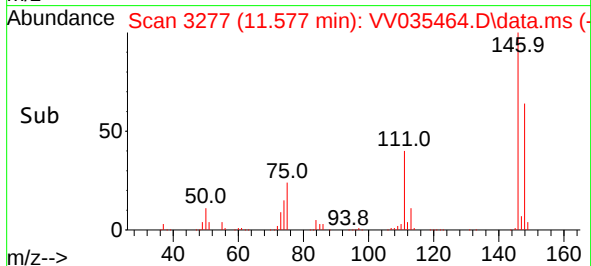
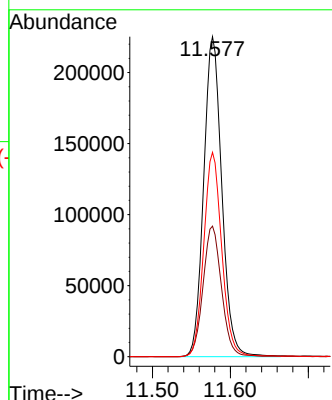
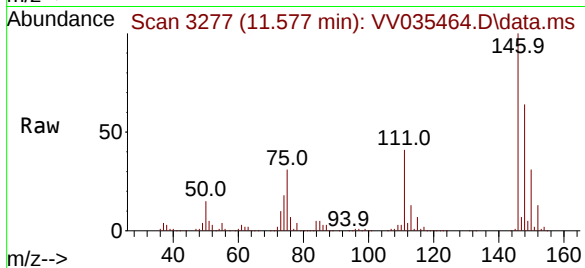
Tgt Ion:146 Resp: 364350

Ion Ratio Lower Upper

146 100

111 40.8 33.3 49.9

148 63.8 52.2 78.2



#70

1,2,4-trichlorobenzene

Concen: 3.434 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035464.D

Acq: 29 Apr 2024 12:33

Tgt Ion:180 Resp: 13056

Ion Ratio Lower Upper

180 100

182 96.7 75.1 112.7

145 30.6 23.2 34.8

