

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048244.D
 Acq On : 23 Apr 2022 14:27
 Operator : SY/MD
 Sample : N2486-20 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J62

Quant Time: Apr 25 01:25:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 25 01:24:32 2022
 Response via : Initial Calibration

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

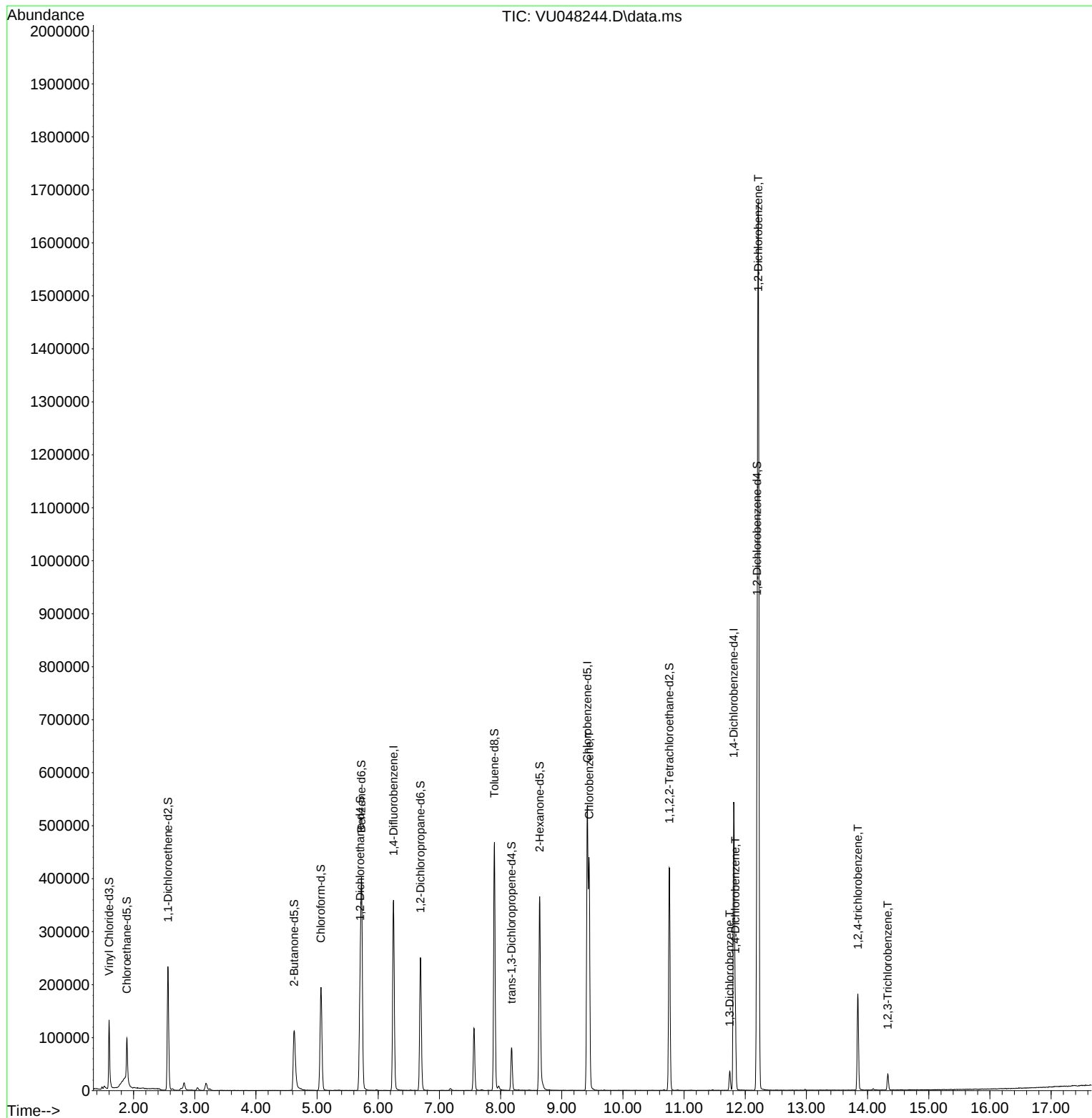
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	311644	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	311733	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	150820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	106872	47.290	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.580%	
7) Chloroethane-d5	1.890	69	82779	46.454	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.900%	
11) 1,1-Dichloroethene-d2	2.562	63	134461	32.520	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.040%	
21) 2-Butanone-d5	4.626	46	175918	90.691	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	90.690%	
24) Chloroform-d	5.063	84	182235	44.070	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.140%	
26) 1,2-Dichloroethane-d4	5.703	65	115534	45.555	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.120%	
32) Benzene-d6	5.726	84	385052	49.088	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.180%	
36) 1,2-Dichloropropane-d6	6.690	67	126568	52.540	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.080%	
41) Toluene-d8	7.899	98	318086	41.621	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.240%	
43) trans-1,3-Dichloroprop...	8.179	79	46409	38.026	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	76.060%	
47) 2-Hexanone-d5	8.639	63	128714	91.272	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	91.270%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	214496	51.883	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.760%	
66) 1,2-Dichlorobenzene-d4	12.195	152	138304	51.544	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.080%	
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.449	112	240511	35.778	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	15800	3.487	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	60613	12.916	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	670084	147.816	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	61420	19.058	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	10936	3.385	ug/L	96

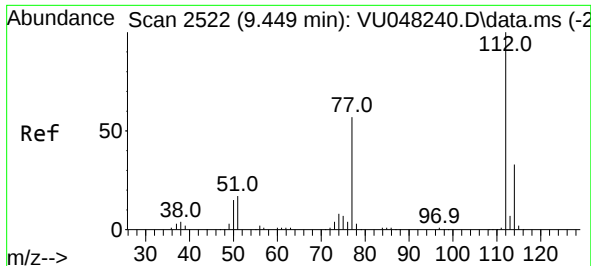
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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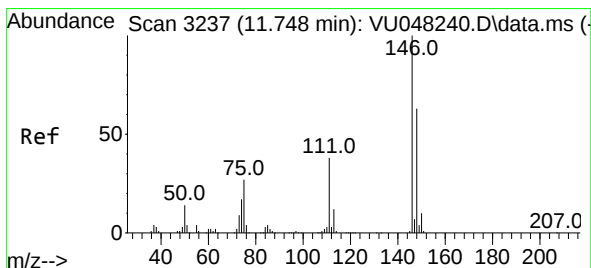
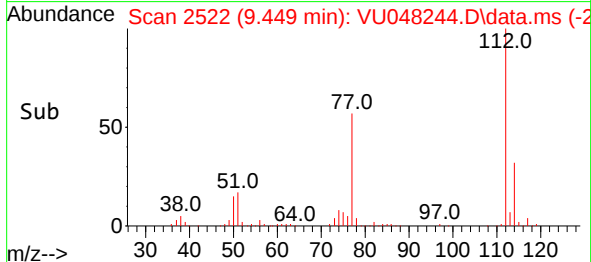
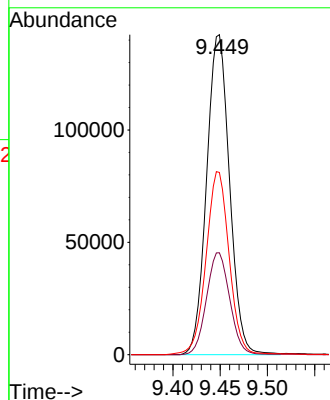
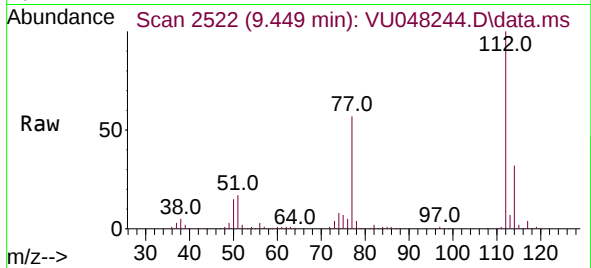




#51
Chlorobenzene
Concen: 35.778 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048244.D
Acq: 23 Apr 2022 14:27

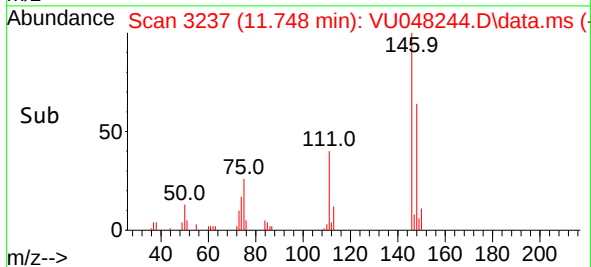
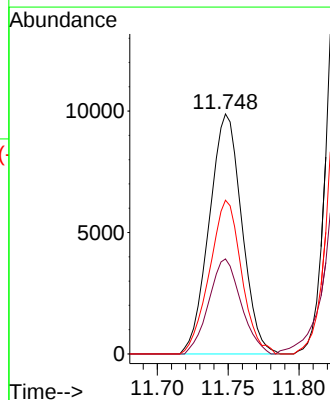
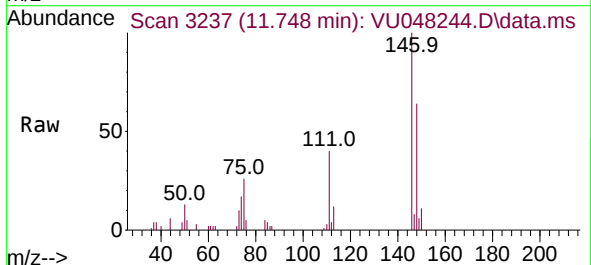
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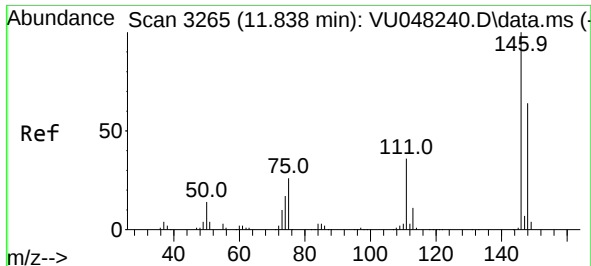
Tgt Ion:112 Resp: 240511
Ion Ratio Lower Upper
112 100
114 31.8 22.1 41.1
77 56.9 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 3.487 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU048244.D
Acq: 23 Apr 2022 14:27

Tgt Ion:146 Resp: 15800
Ion Ratio Lower Upper
146 100
111 39.6 26.7 49.7
148 64.1 44.4 82.5





#65

1,4-Dichlorobenzene

Concen: 12.916 ug/L

RT: 11.838 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048244.D

Acq: 23 Apr 2022 14:27

Instrument :

MSVOA_U

ClientSampleId :

C0J62

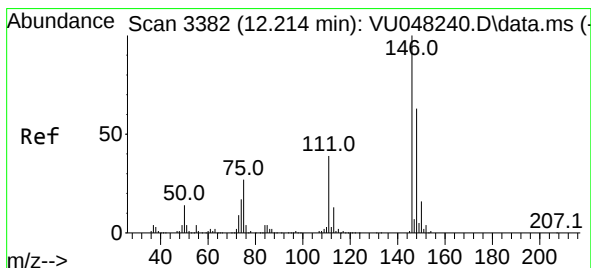
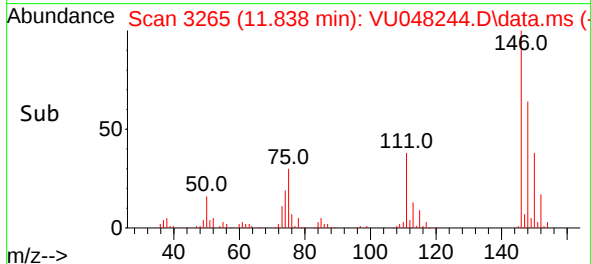
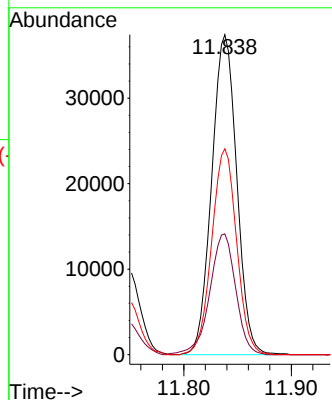
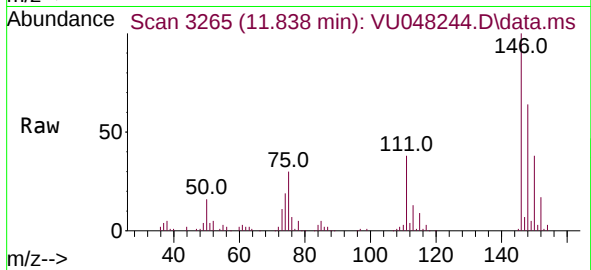
Tgt Ion:146 Resp: 60613

Ion Ratio Lower Upper

146 100

111 37.7 25.3 47.1

148 64.3 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 147.816 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU048244.D

Acq: 23 Apr 2022 14:27

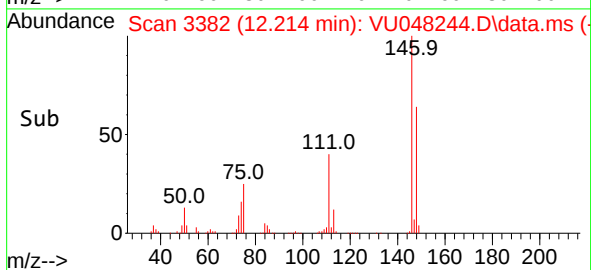
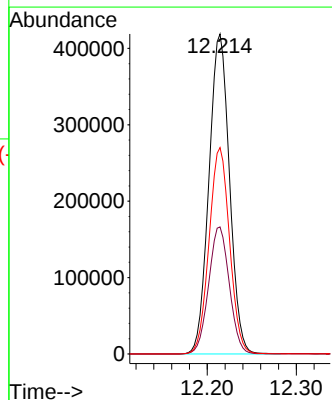
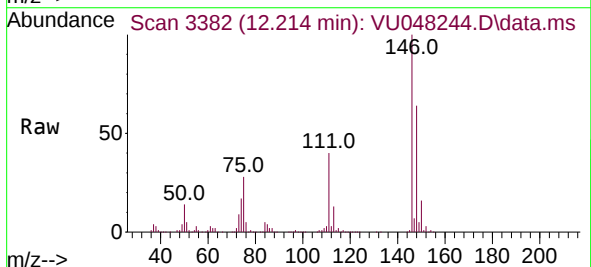
Tgt Ion:146 Resp: 670084

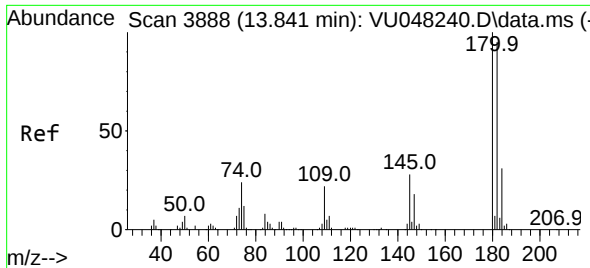
Ion Ratio Lower Upper

146 100

111 39.7 31.7 47.5

148 64.5 51.4 77.2

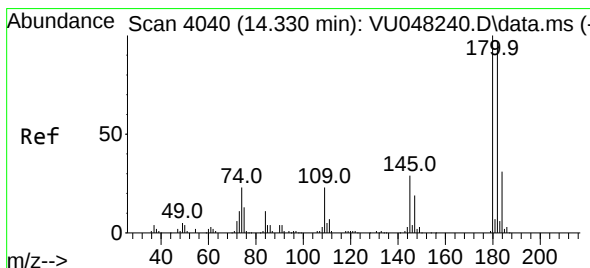
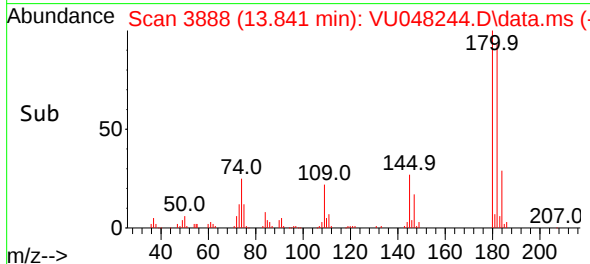
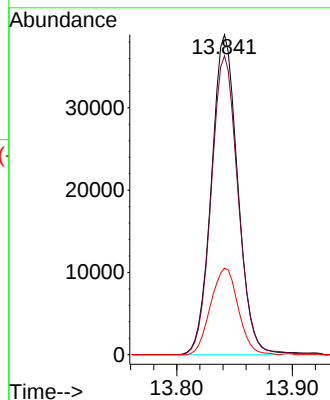
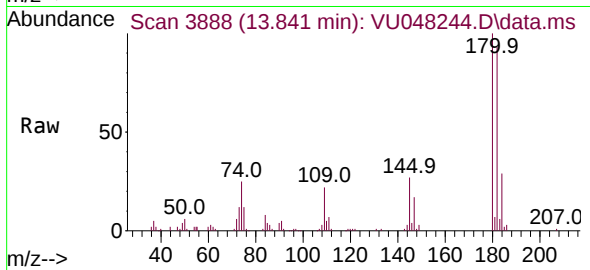




#70
 1,2,4-trichlorobenzene
 Concen: 19.058 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048244.D
 Acq: 23 Apr 2022 14:27

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J62

Tgt Ion:180 Resp: 61420
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.2 114.2
 145 28.4 21.8 32.8



#72
 1,2,3-Trichlorobenzene
 Concen: 3.385 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU048244.D
 Acq: 23 Apr 2022 14:27

Tgt Ion:180 Resp: 10936
 Ion Ratio Lower Upper
 180 100
 182 93.7 77.4 116.0
 145 25.8 22.8 34.2

