

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112822\
 Data File : VU052148.D
 Acq On : 28 Nov 2022 15:24
 Operator : JC/MD
 Sample : N5785-05DL 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0L75DL

Quant Time: Nov 28 21:46:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 28 21:44:47 2022
 Response via : Initial Calibration

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

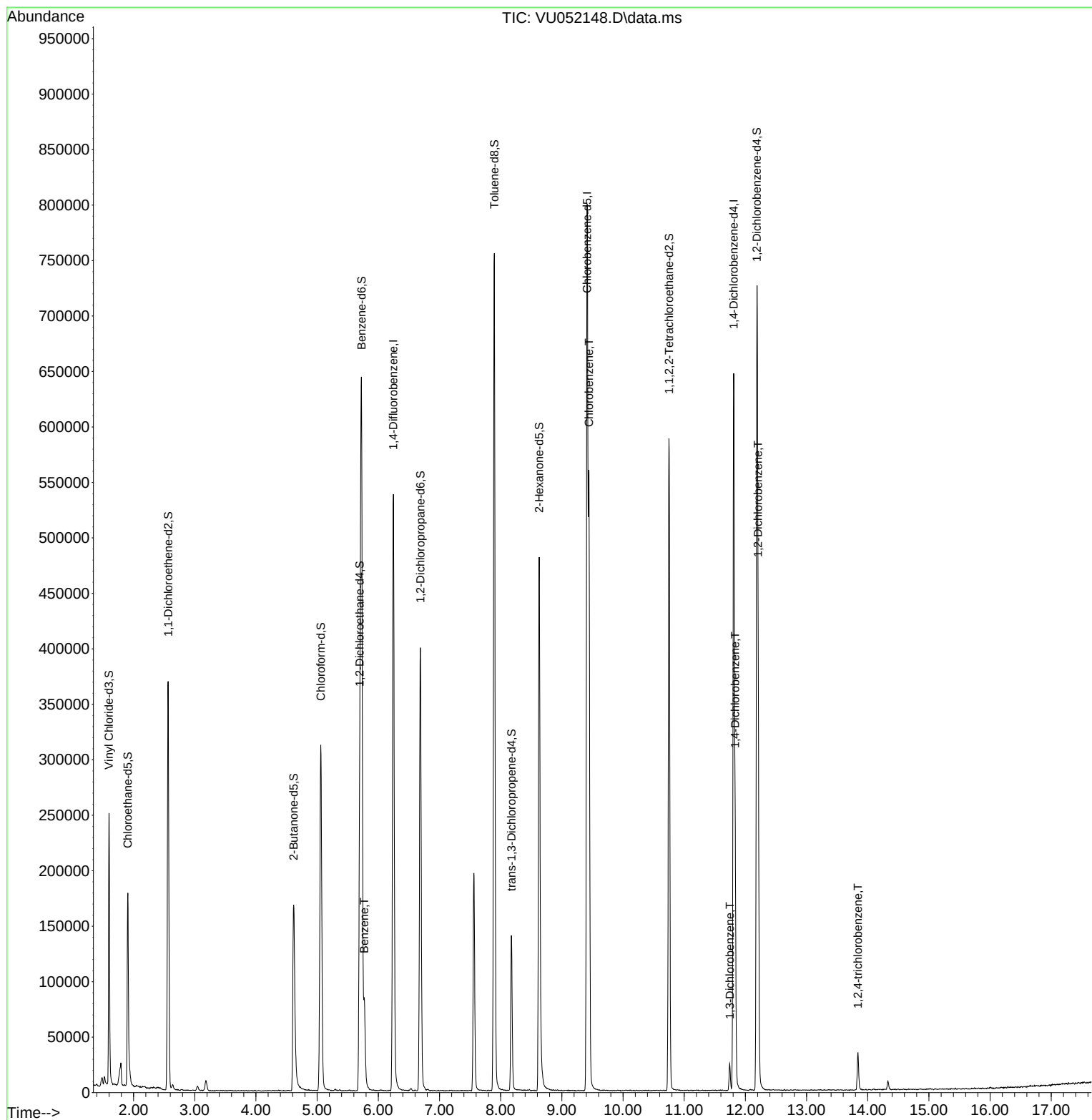
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	453287	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	444515	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	174883	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	184369	46.936	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.880%		
7) Chloroethane-d5	1.906	69	149977	48.210	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.420%		
11) 1,1-Dichloroethene-d2	2.565	63	220722	37.908	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.820%		
21) 2-Butanone-d5	4.617	46	238243	100.930	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.930%		
24) Chloroform-d	5.060	84	300233	46.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.300%		
26) 1,2-Dichloroethane-d4	5.697	65	183774	47.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.960%		
32) Benzene-d6	5.726	84	631034	47.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.260%		
36) 1,2-Dichloropropane-d6	6.687	67	203616	47.836	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.680%		
41) Toluene-d8	7.896	98	523977	44.262	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.520%		
43) trans-1,3-Dichloroprop...	8.176	79	79091	43.648	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.300%		
47) 2-Hexanone-d5	8.629	63	164520	99.082	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.080%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	308311	45.784	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.560%		
66) 1,2-Dichlorobenzene-d4	12.189	152	182719	50.524	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.040%		
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	72278	5.489	ug/L	100
51) Chlorobenzene	9.443	112	291738	32.585	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	10799	2.088	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	84626	16.055	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	124705	23.008	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	11739	4.232	ug/L	98

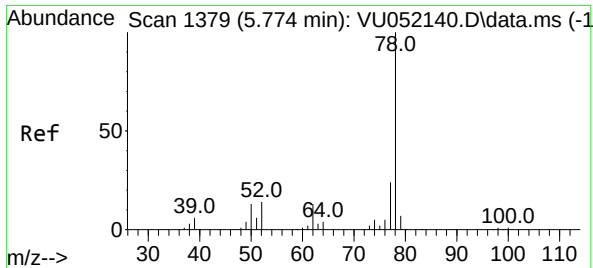
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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COL75DL

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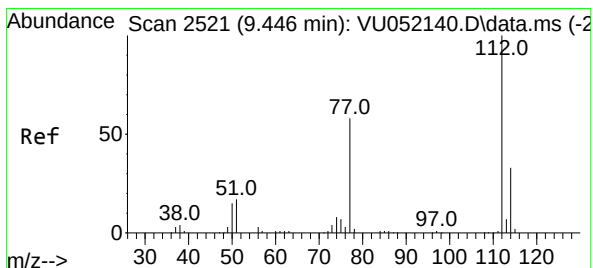
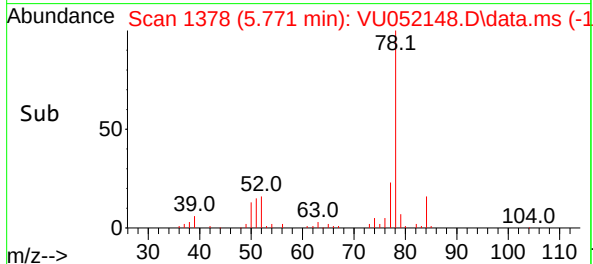
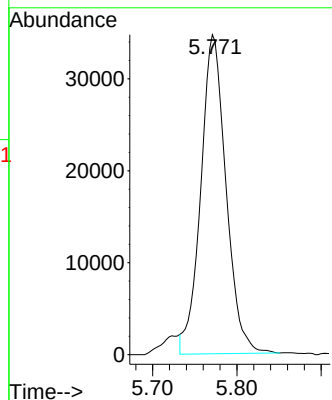
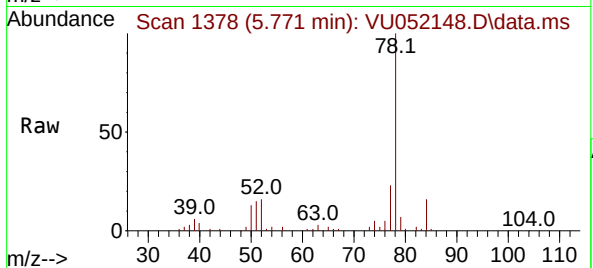




#33
Benzene
Concen: 5.489 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052148.D
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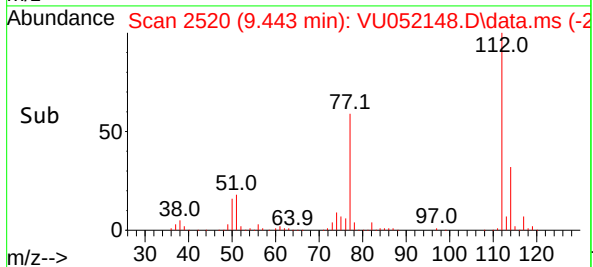
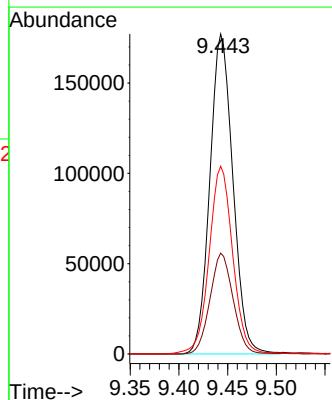
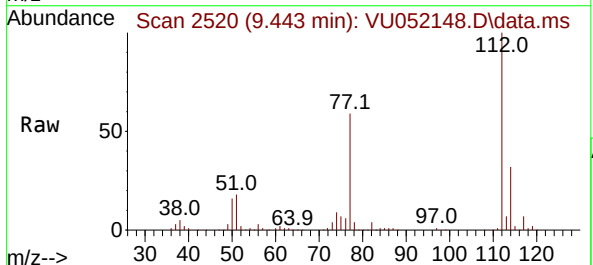
Instrument :
MSVOA_U
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COL75DL

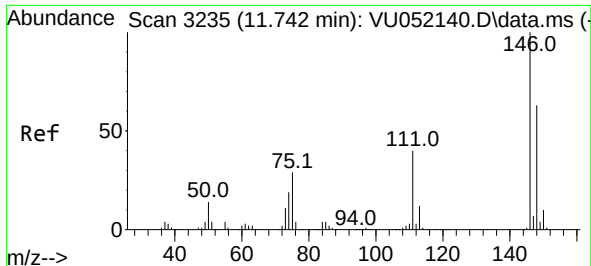
Tgt Ion: 78 Resp: 72278



#51
Chlorobenzene
Concen: 32.585 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU052148.D
Acq: 28 Nov 2022 15:24

Tgt Ion: 112 Resp: 291738
Ion Ratio Lower Upper
112 100
114 31.5 22.2 41.2
77 58.6 46.5 69.7





#64

1,3-Dichlorobenzene

Concen: 2.088 ug/L

RT: 11.745 min Scan# 3235

Delta R.T. 0.003 min

Lab File: VU052148.D

Acq: 28 Nov 2022 15:24

Instrument :

MSVOA_U

ClientSampleId :

COL75DL

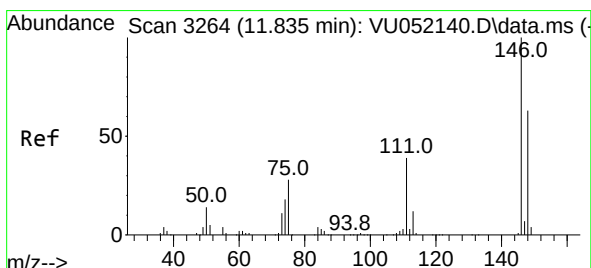
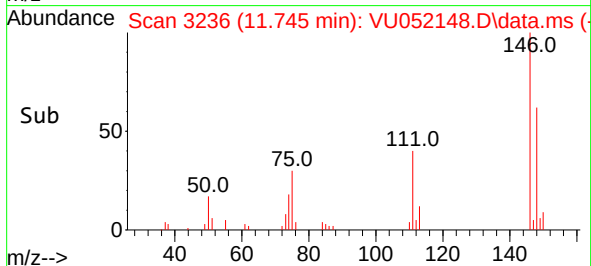
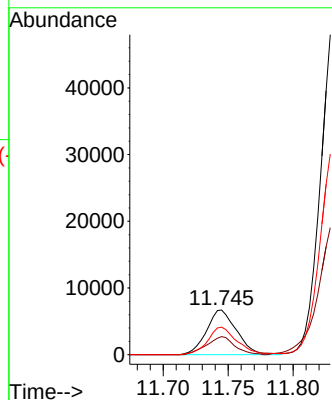
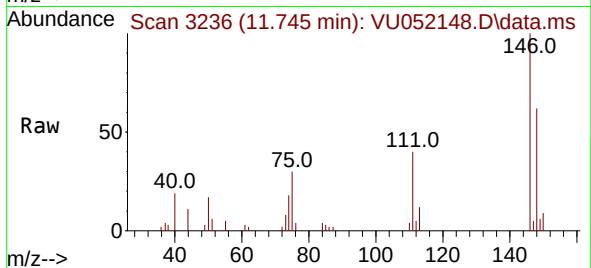
Tgt Ion:146 Resp: 10799

Ion Ratio Lower Upper

146 100

111 40.4 27.5 51.1

148 61.8 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 16.055 ug/L

RT: 11.832 min Scan# 3263

Delta R.T. -0.003 min

Lab File: VU052148.D

Acq: 28 Nov 2022 15:24

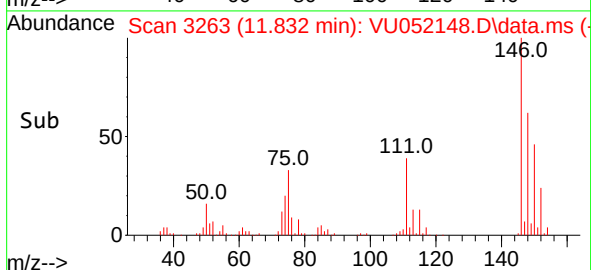
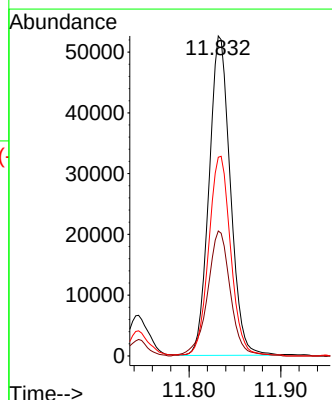
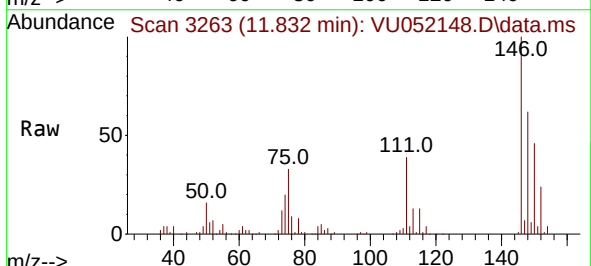
Tgt Ion:146 Resp: 84626

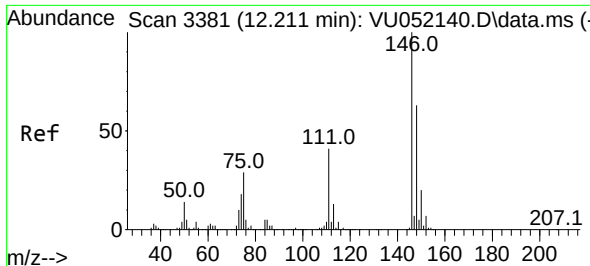
Ion Ratio Lower Upper

146 100

111 39.0 27.6 51.2

148 62.1 44.8 83.2

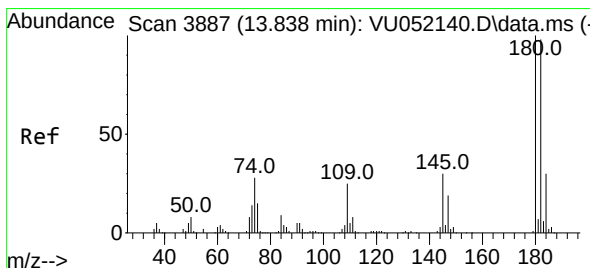
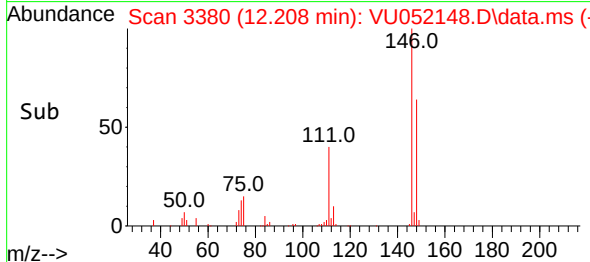
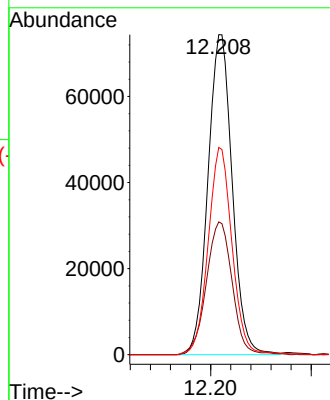
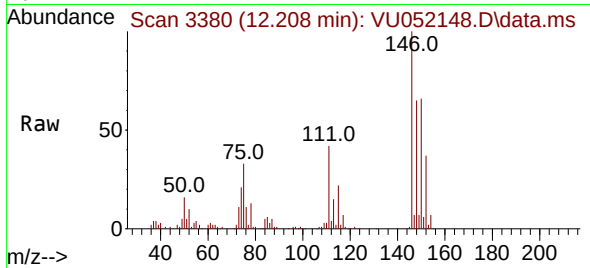




#67
1,2-Dichlorobenzene
Concen: 23.008 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU052148.D
Acq: 28 Nov 2022 15:24

Instrument :
MSVOA_U
ClientSampleId :
COL75DL

Tgt Ion:146 Resp: 124705
Ion Ratio Lower Upper
146 100
111 41.5 34.2 51.4
148 64.8 52.6 79.0



#70
1,2,4-trichlorobenzene
Concen: 4.232 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU052148.D
Acq: 28 Nov 2022 15:24

Tgt Ion:180 Resp: 11739
Ion Ratio Lower Upper
180 100
182 92.6 75.4 113.2
145 31.3 23.4 35.0

