

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055608.D
 Acq On : 02 Oct 2023 16:40
 Operator : MD/SY
 Sample : 04679-16 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-9S(20230928)

Quant Time: Oct 03 04:57:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

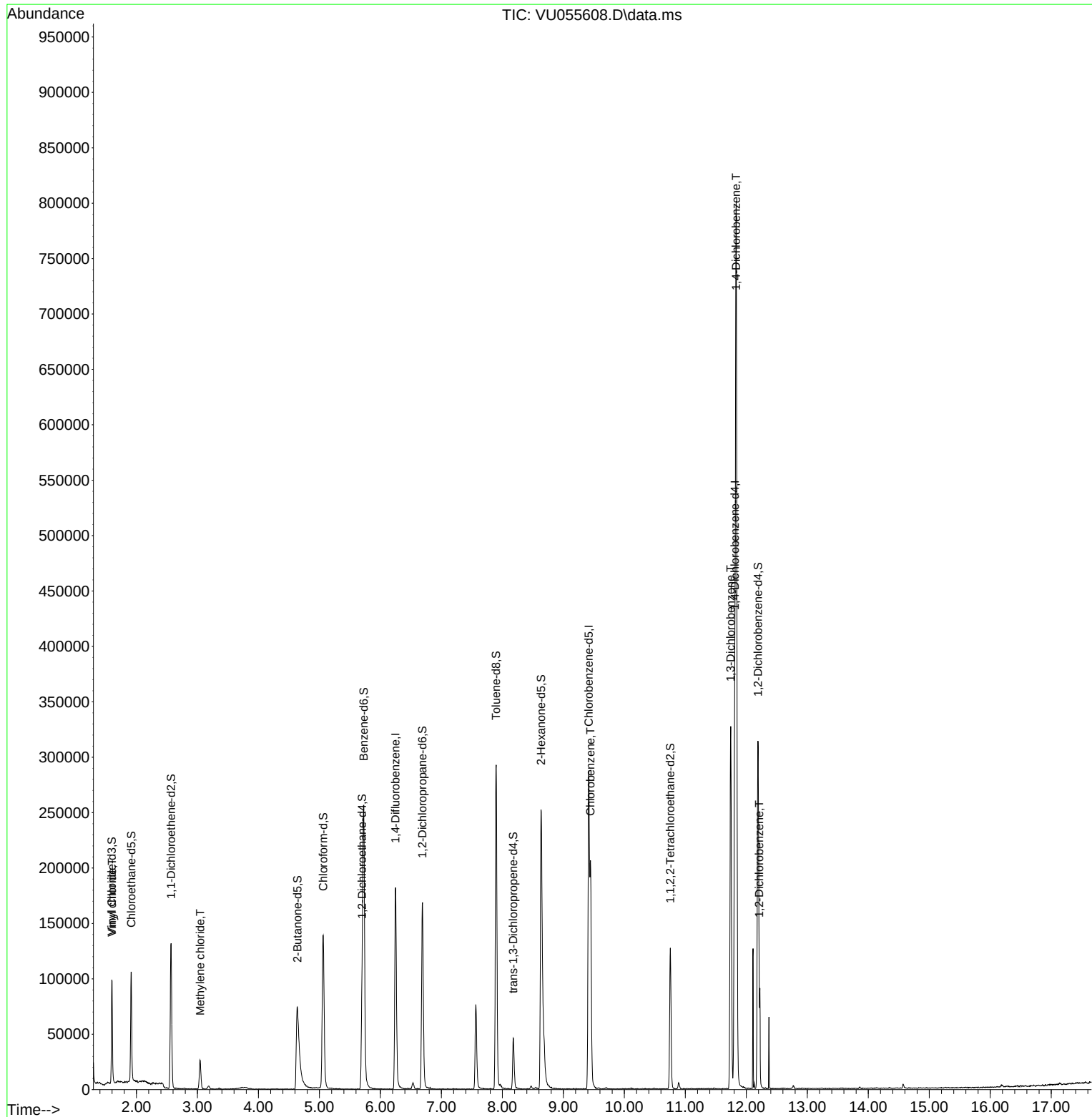
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	148533	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.416	117	153441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	80795	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	64903	4.323	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.914	69	70715	5.345	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.000%	
11) 1,1-Dichloroethene-d2	2.567	65	24875	4.026	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.600%	
20) 2-Butanone-d5	4.638	46	146917	54.182	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.360%	
24) Chloroform-d	5.062	84	131740	4.852	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.699	65	67624	5.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	5.724	84	245320	4.571	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.689	67	80504	5.020	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.400%	
41) Toluene-d8	7.898	98	202612	4.142	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	8.178	79	26689	4.743	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.800%	
46) 2-Hexanone-d5	8.634	63	81047	47.348	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.700%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62876	5.232	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	77208	4.735	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
5) Vinyl chloride	1.599	62	2103	0.153	ug/L	1
16) Methylene chloride	3.043	84	12042	0.968	ug/L	96
51) Chlorobenzene	9.444	112	104338	3.458	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	127817	5.733	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	299465	13.440	ug/L	99
67) 1,2-Dichlorobenzene	12.210	146	15714	0.769	ug/L	96

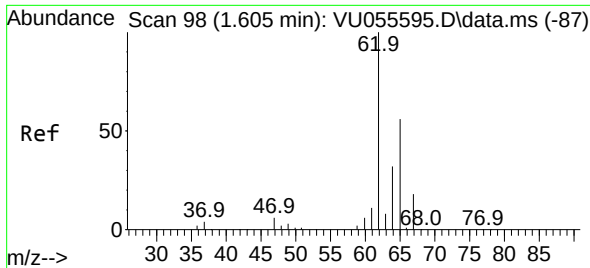
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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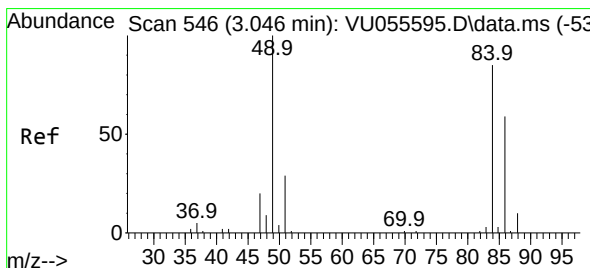
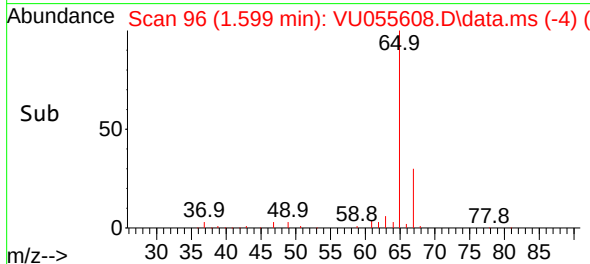
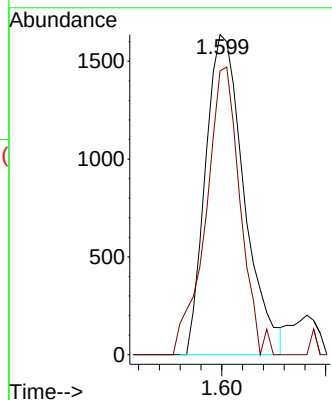
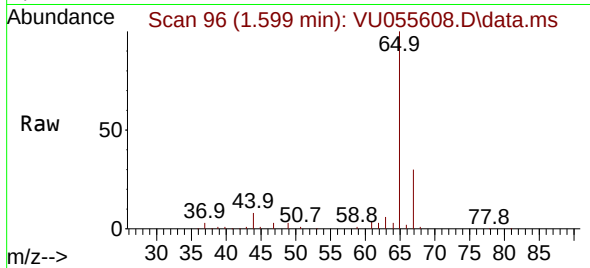




#5
 Vinyl chloride
 Concen: 0.153 ug/L
 RT: 1.599 min Scan# 9
 Delta R.T. -0.003 min
 Lab File: VU055608.D
 Acq: 02 Oct 2023 16:40

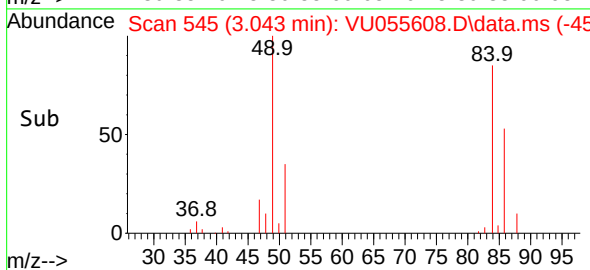
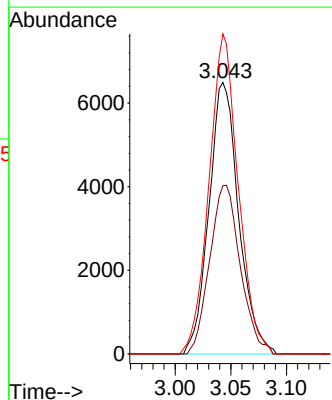
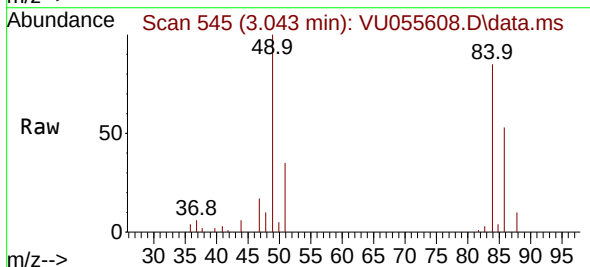
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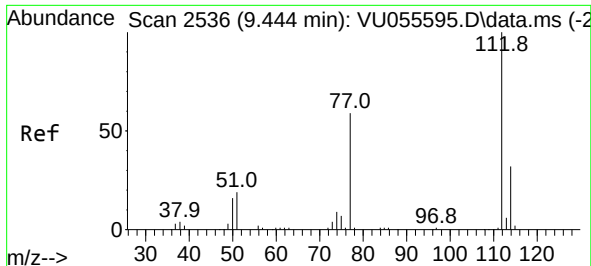
Tgt Ion: 62 Resp: 2103
 Ion Ratio Lower Upper
 62 100
 64 88.7 22.3 41.5#



#16
 Methylene chloride
 Concen: 0.968 ug/L
 RT: 3.043 min Scan# 545
 Delta R.T. 0.000 min
 Lab File: VU055608.D
 Acq: 02 Oct 2023 16:40

Tgt Ion: 84 Resp: 12042
 Ion Ratio Lower Upper
 84 100
 86 62.0 44.9 83.3
 49 117.9 78.8 146.3

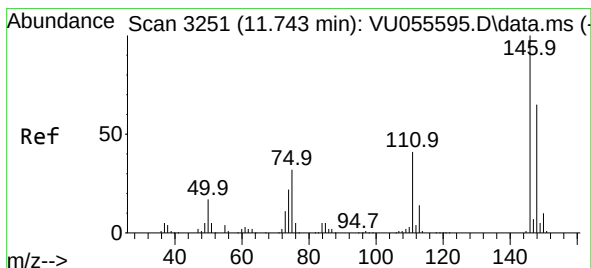
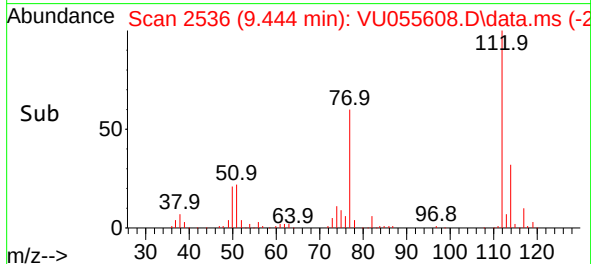
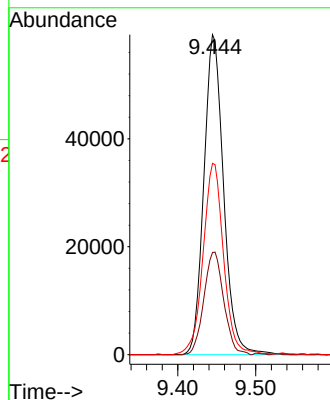
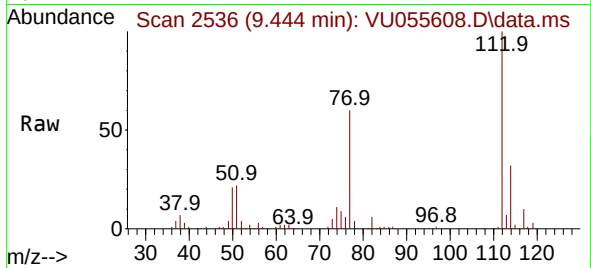




#51
Chlorobenzene
Concen: 3.458 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055608.D
Acq: 02 Oct 2023 16:40

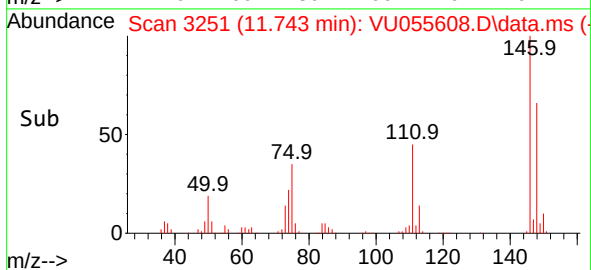
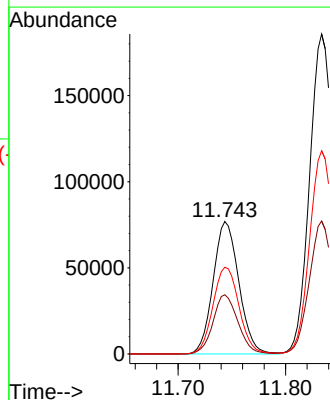
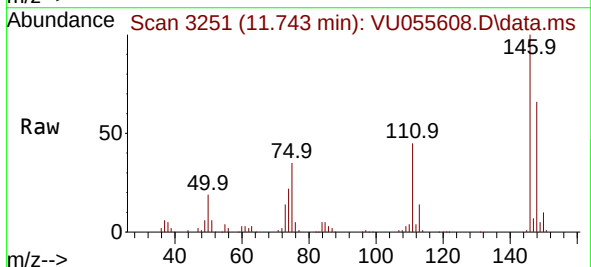
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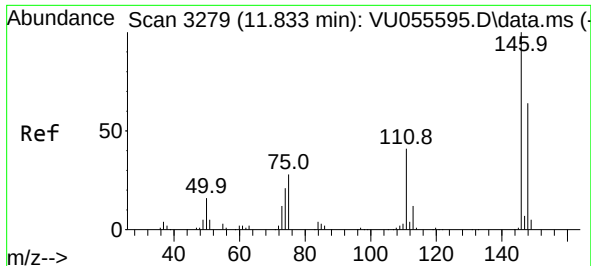
Tgt Ion:112 Resp: 104338
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 59.8 46.9 70.3



#64
1,3-Dichlorobenzene
Concen: 5.733 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055608.D
Acq: 02 Oct 2023 16:40

Tgt Ion:146 Resp: 127817
Ion Ratio Lower Upper
146 100
111 44.6 28.8 53.6
148 65.5 44.6 82.8

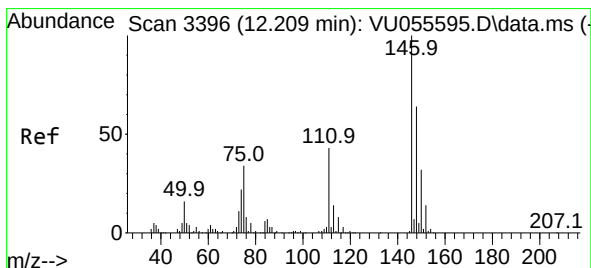
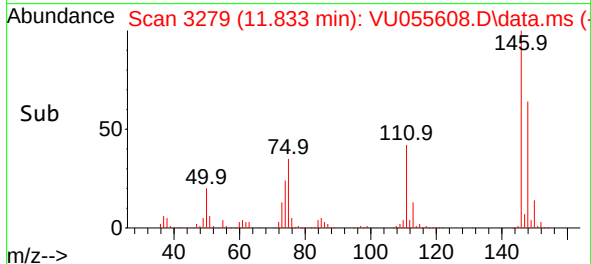
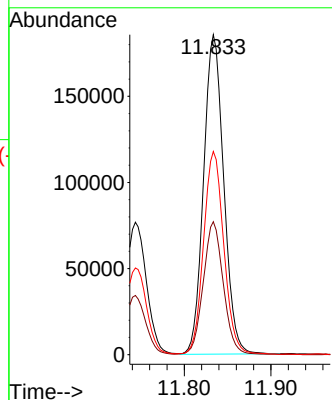
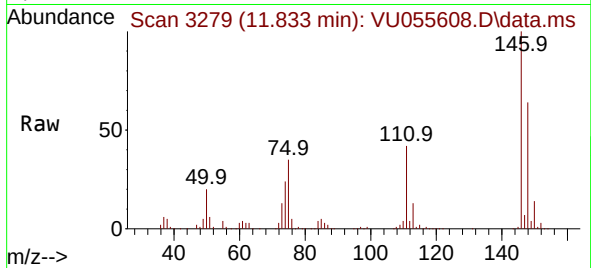




#65
1,4-Dichlorobenzene
Concen: 13.440 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055608.D
Acq: 02 Oct 2023 16:40

Instrument :
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Tgt Ion:146 Resp: 299465
Ion Ratio Lower Upper
146 100
111 41.5 29.0 53.8
148 63.5 45.4 84.4



#67
1,2-Dichlorobenzene
Concen: 0.769 ug/L
RT: 12.210 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU055608.D
Acq: 02 Oct 2023 16:40

Tgt Ion:146 Resp: 15714
Ion Ratio Lower Upper
146 100
111 47.1 34.6 52.0
148 62.3 51.8 77.8

