

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050721\
 Data File : VW018961.D
 Acq On : 07 May 2021 16:43
 Operator : SY/VA
 Sample : M2337-15
 Misc : 4.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 23:31:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 23:29:08 2021
 Response via : Initial Calibration

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

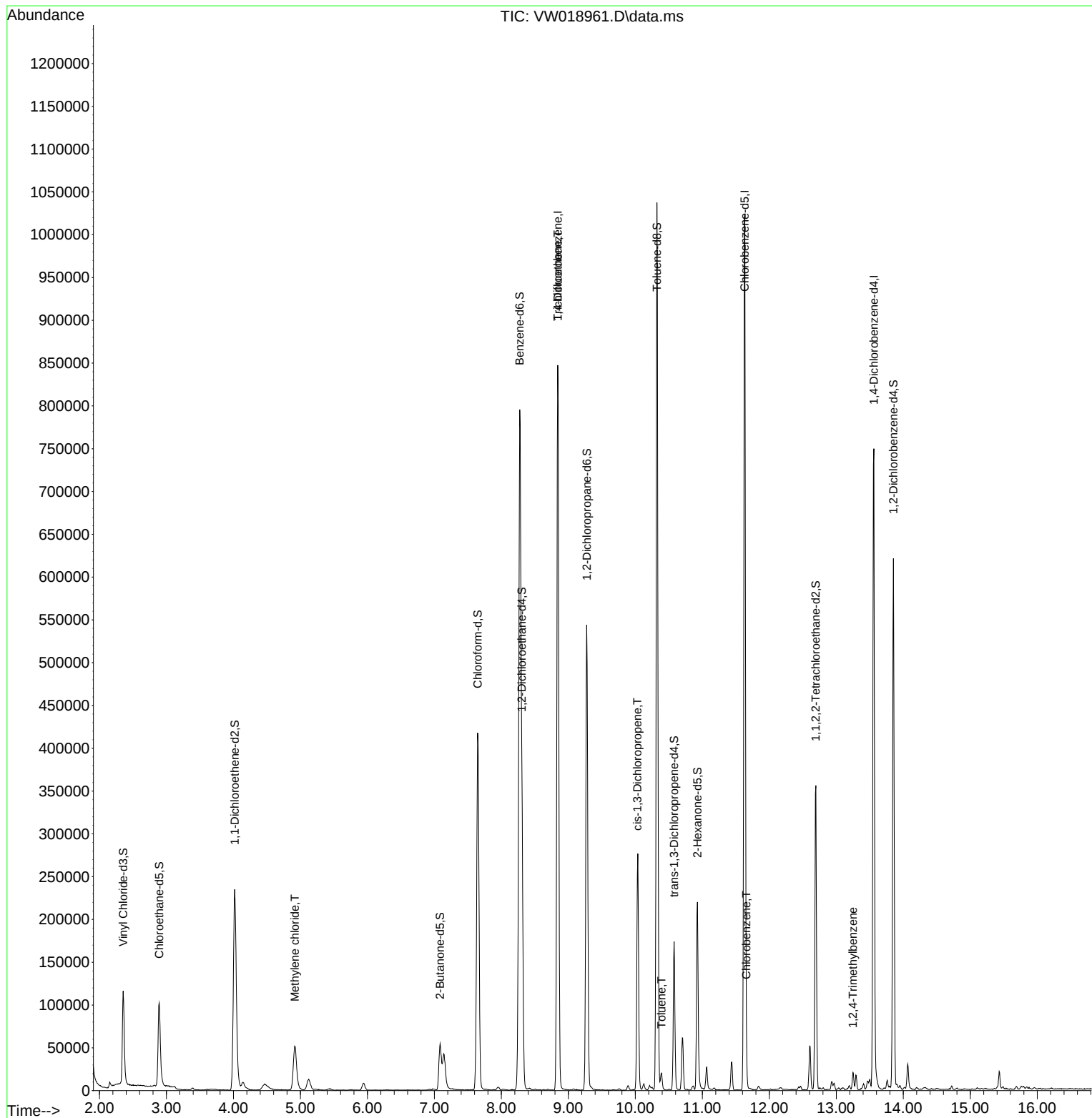
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	681404	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	543282	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	180619	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	131694	15.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.24%
7) Chloroethane-d5	2.891	69	129591	19.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.52%
11) 1,1-Dichloroethene-d2	4.019	63	268521	15.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.88%
21) 2-Butanone-d5	7.086	46	92122	40.46	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.92%
24) Chloroform-d	7.647	84	417285	23.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	8.305	65	243247	24.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	8.275	84	775912	25.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.12%
36) 1,2-Dichloropropane-d6	9.274	67	239704	26.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.28%
41) Toluene-d8	10.323	98	659426	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
43) trans-1,3-Dichloroprop...	10.579	79	92052	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
47) 2-Hexanone-d5	10.926	63	72780	44.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.28%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	172167	22.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.24%
66) 1,2-Dichlorobenzene-d4	13.853	152	145636	23.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.12%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.915	84	42998	3.82	ug/L	99
34) Trichloroethene	8.841	95	22066	2.54	ug/L	# 5
39) cis-1,3-Dichloropropene	10.030	75	7174	0.57	ug/L	# 56
42) Toluene	10.390	91	13553	0.38	ug/L	98
51) Chlorobenzene	11.658	112	10413	0.48	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	11046	0.51	ug/L	100

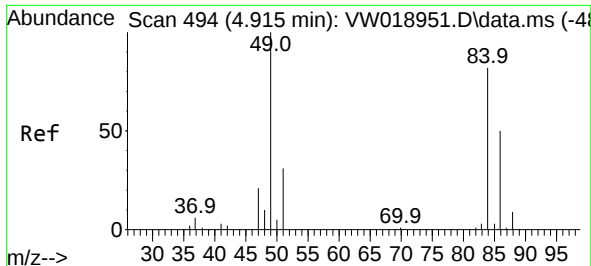
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 07 23:29:08 2021
Response via : Initial Calibration

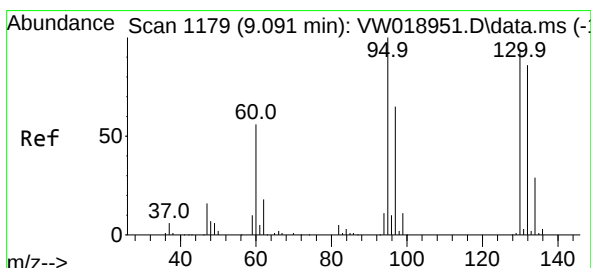
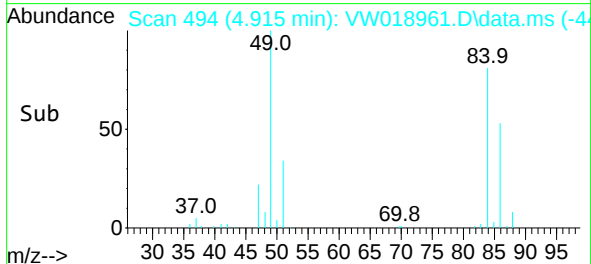
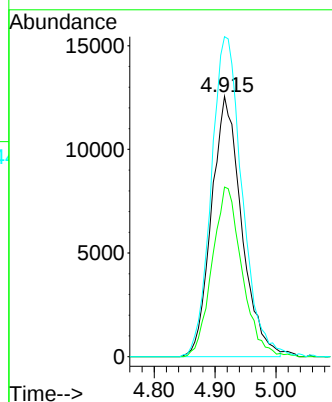
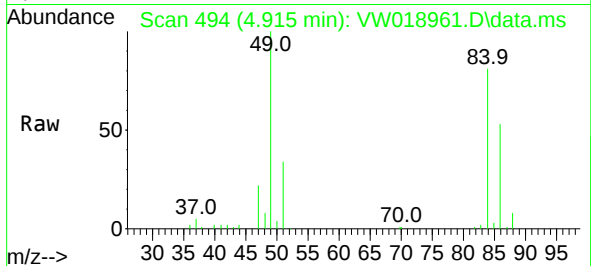




#16
Methylene chloride
Concen: 3.82 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018961.D
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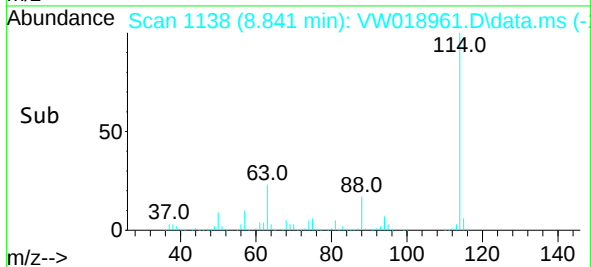
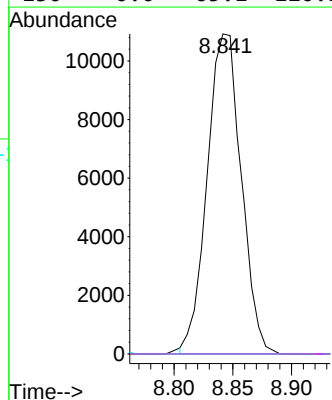
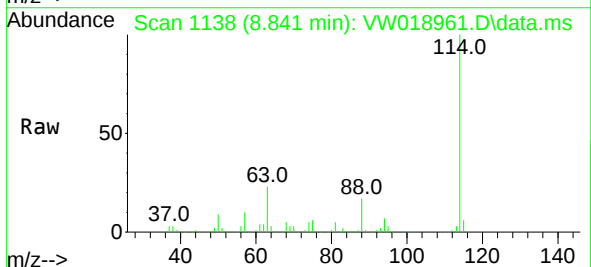
Instrument :
MSVOA_W
ClientSampled :

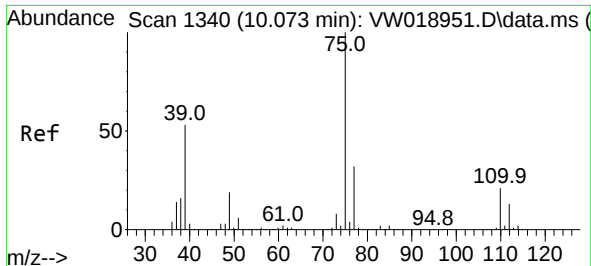
Tgt Ion: 84 Resp: 42998
Ion Ratio Lower Upper
84 100
86 65.1 45.3 84.1
49 122.9 86.6 160.8



#34
Trichloroethene
Concen: 2.54 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018961.D
Acq: 07 May 2021 16:43

Tgt Ion: 95 Resp: 22066
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#

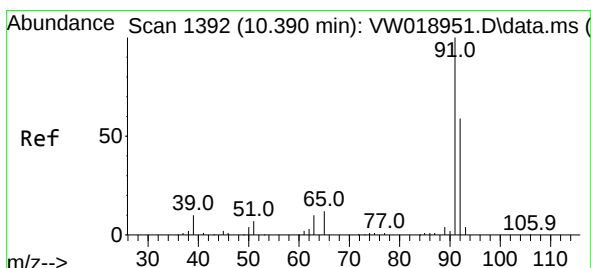
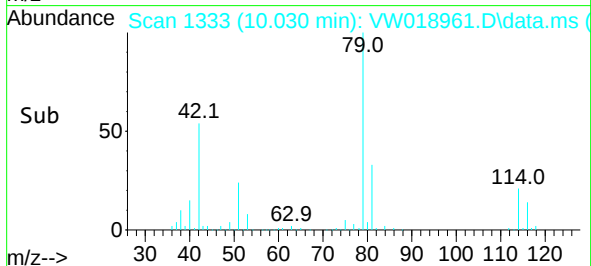
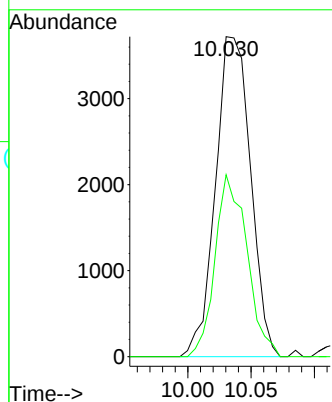
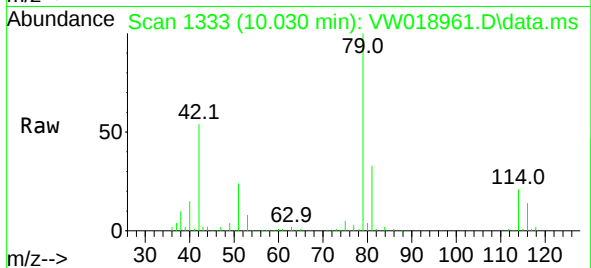




#39
cis-1,3-Dichloropropene
Concen: 0.57 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018961.D
Acq: 07 May 2021 16:43

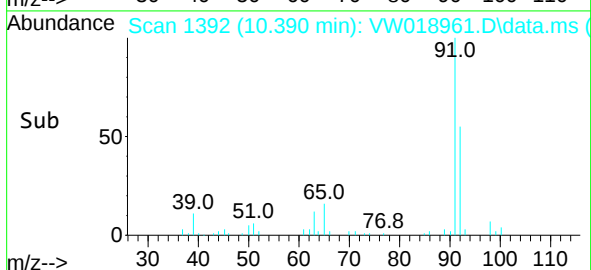
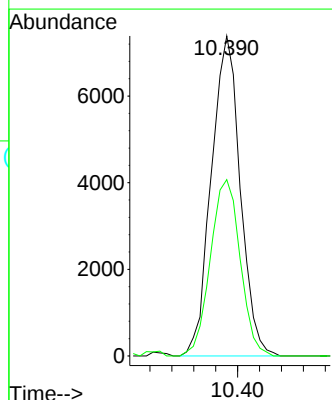
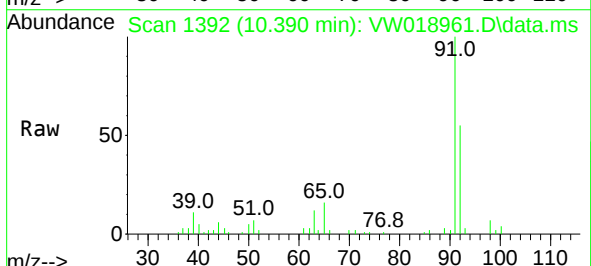
Instrument :
MSVOA_W
ClientSampled :

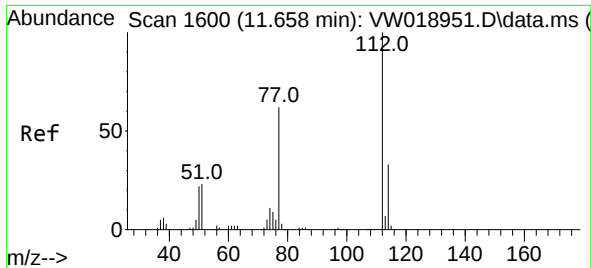
Tgt Ion: 75 Resp: 7174
Ion Ratio Lower Upper
75 100
77 56.8 22.6 42.0#



#42
Toluene
Concen: 0.38 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018961.D
Acq: 07 May 2021 16:43

Tgt Ion: 91 Resp: 13553
Ion Ratio Lower Upper
91 100
92 55.1 39.5 73.3

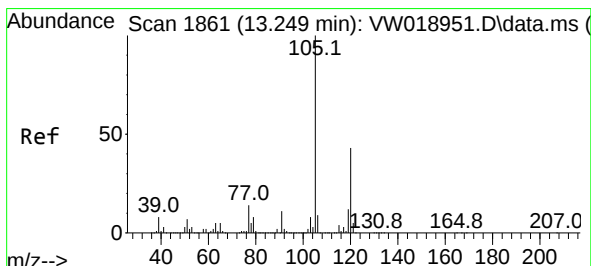
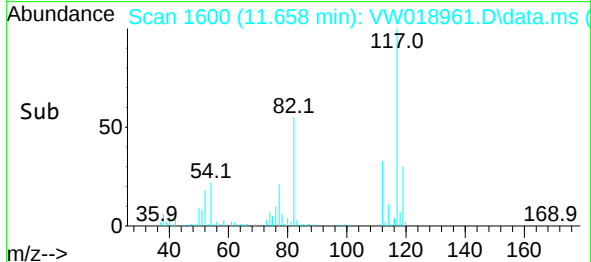
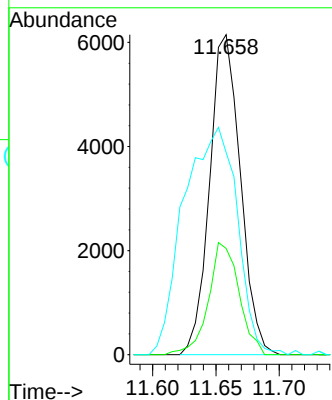
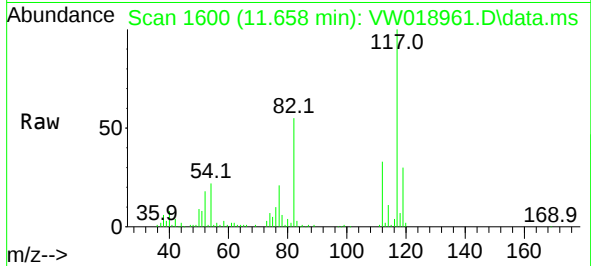




#51
Chlorobenzene
Concen: 0.48 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018961.D
Acq: 07 May 2021 16:43

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:	112	Resp:	10413
Ion	Ratio	Lower	Upper
112	100		
114	33.2	23.4	43.6
77	63.2	47.6	71.4



#63
1,2,4-Trimethylbenzene
Concen: 0.51 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018961.D
Acq: 07 May 2021 16:43

Tgt Ion:	105	Resp:	11046
Ion	Ratio	Lower	Upper
105	100		
120	44.5	35.6	53.4

