

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012325\
 Data File : VV038514.D
 Acq On : 23 Jan 2025 18:24
 Operator : SY/MD
 Sample : Q1137-05DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 00:32:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 00:30:49 2025
 Response via : Initial Calibration

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

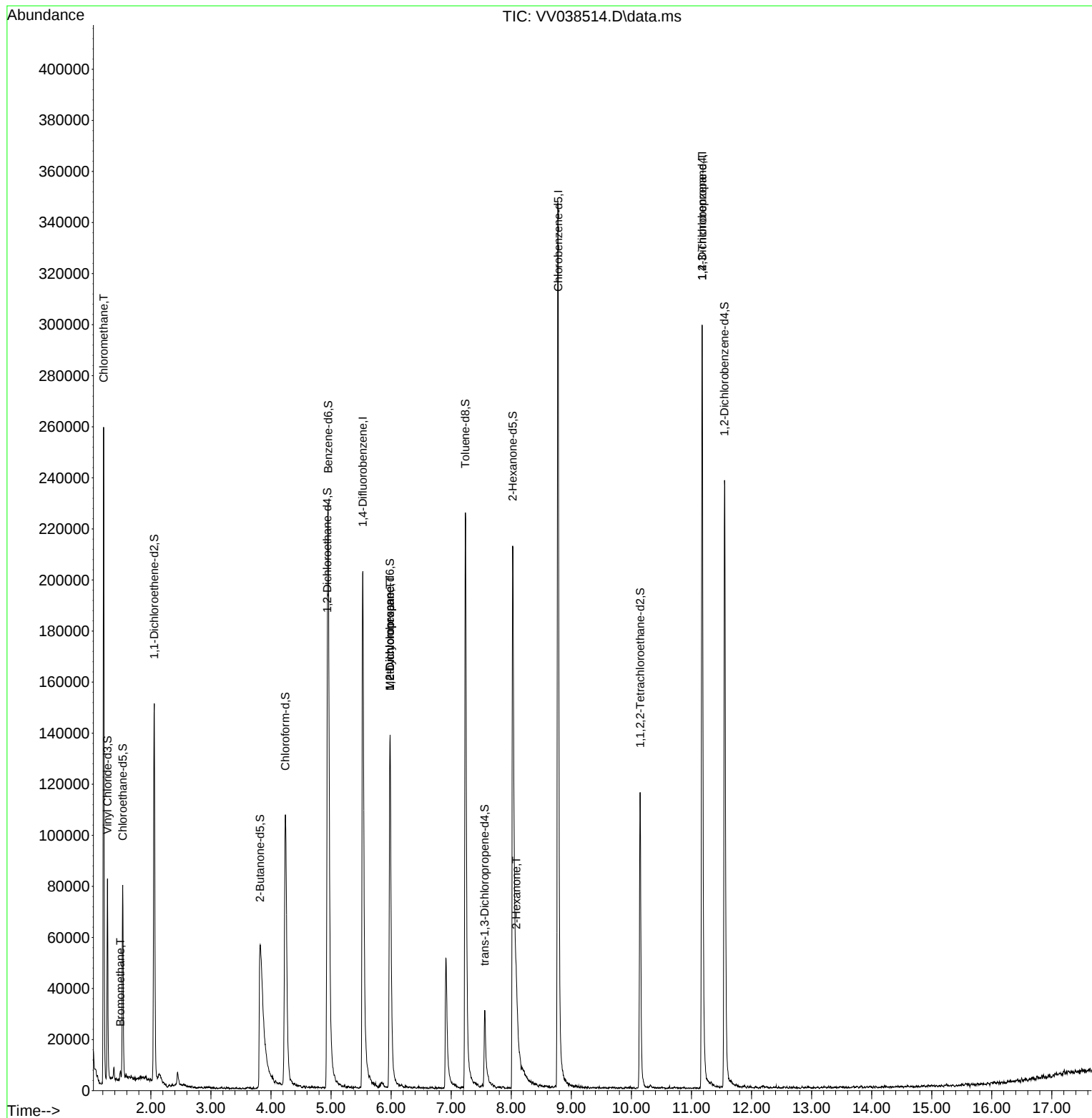
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	188764	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	202922	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	84190	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	50666	3.255	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.000%	
7) Chloroethane-d5	1.532	69	49895	3.817	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.400%	
11) 1,1-Dichloroethene-d2	2.056	65	24778	3.532	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.600%	
20) 2-Butanone-d5	3.818	46	150710	46.032	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.060%	
24) Chloroform-d	4.240	84	124368	4.263	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
26) 1,2-Dichloroethane-d4	4.937	65	60229	4.505	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
32) Benzene-d6	4.953	84	216949	3.882	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.600%	
36) 1,2-Dichloropropane-d6	5.982	67	73985	4.355	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.236	98	172183	3.430	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.600%#	
43) trans-1,3-Dichloroprop...	7.558	79	22118	3.559	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.200%	
46) 2-Hexanone-d5	8.024	63	86048	35.099	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.200%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	62014	4.605	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.000%	
66) 1,2-Dichlorobenzene-d4	11.551	152	65959	4.629	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	166104	7.678	ug/L	99
6) Bromomethane	1.491	94	1836	0.168	ug/L	77
35) Methylcyclohexane	5.982	83	16677	0.653	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	7991	0.480	ug/L #	88
48) 2-Hexanone	8.085	43	16468	2.642	ug/L #	84
61) 1,2,3-Trichloropropane	11.178	75	10635	1.315	ug/L #	64

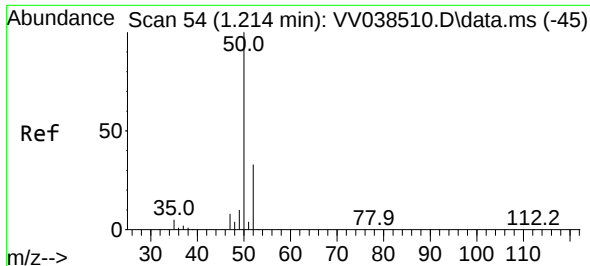
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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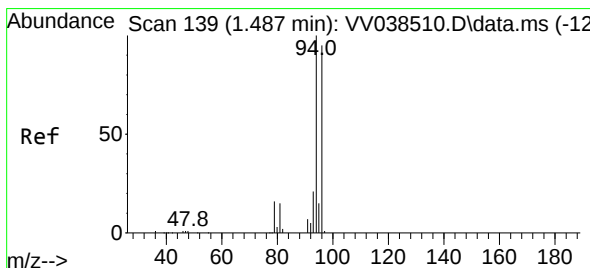
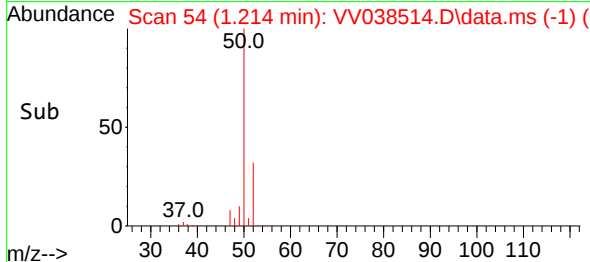
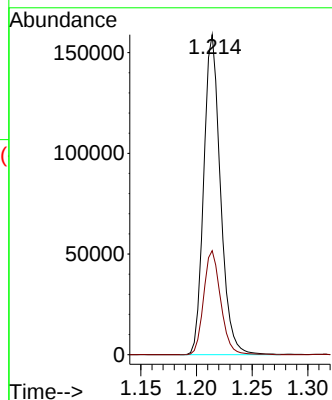
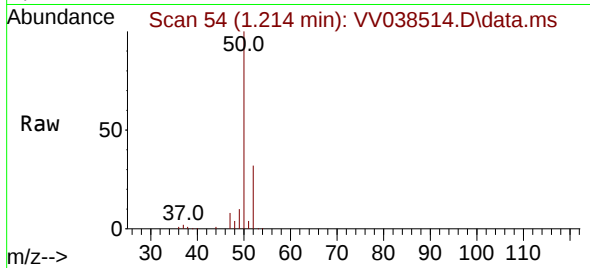




#3
Chloromethane
Concen: 7.678 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038514.D
Acq: 23 Jan 2025 18:24

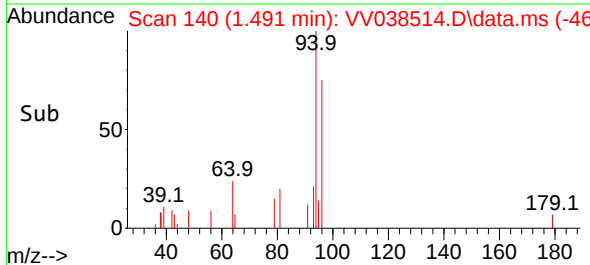
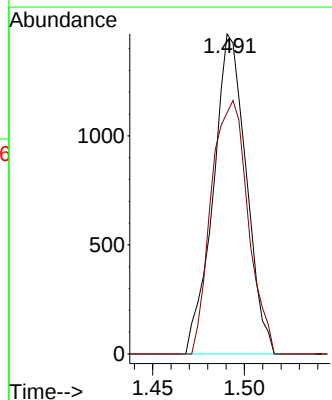
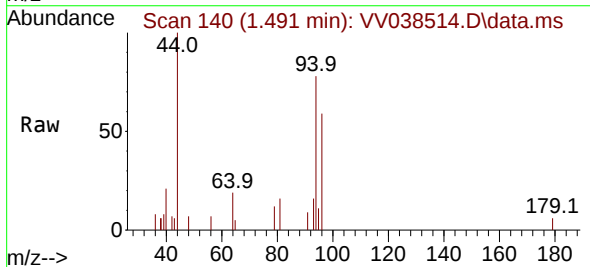
Instrument :
MSVOA_V
ClientSampleId :

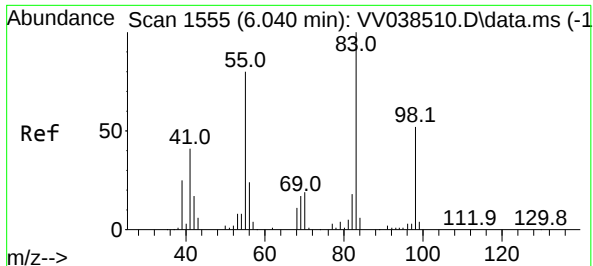
Tgt Ion: 50 Resp: 166104
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.6



#6
Bromomethane
Concen: 0.168 ug/L
RT: 1.491 min Scan# 140
Delta R.T. 0.003 min
Lab File: VV038514.D
Acq: 23 Jan 2025 18:24

Tgt Ion: 94 Resp: 1836
Ion Ratio Lower Upper
94 100
96 75.4 68.9 127.9

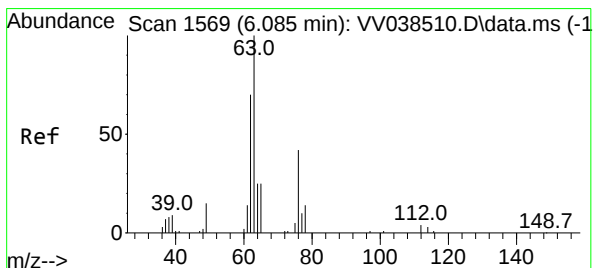
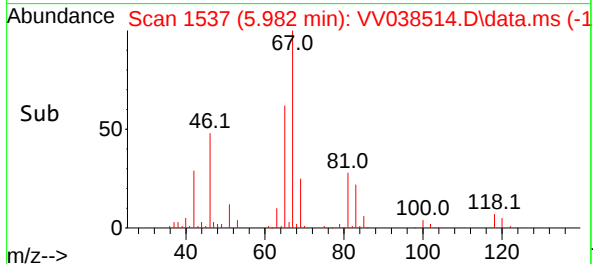
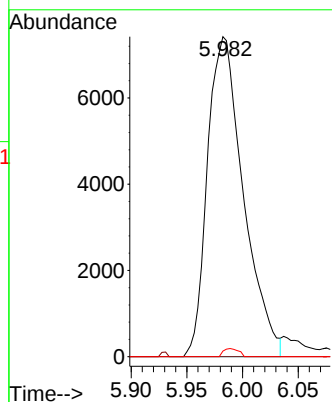
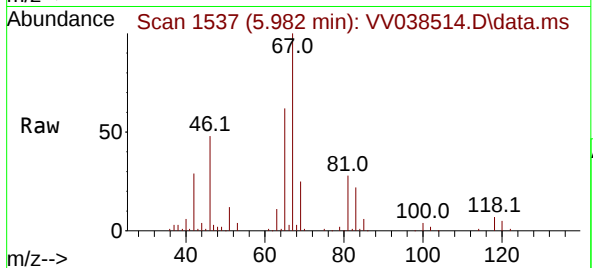




#35
Methylcyclohexane
Concen: 0.653 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038514.D
Acq: 23 Jan 2025 18:24

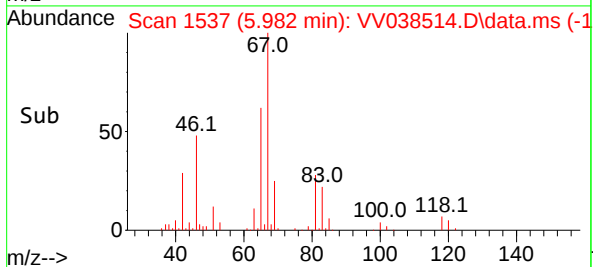
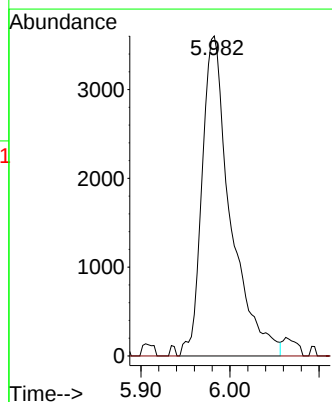
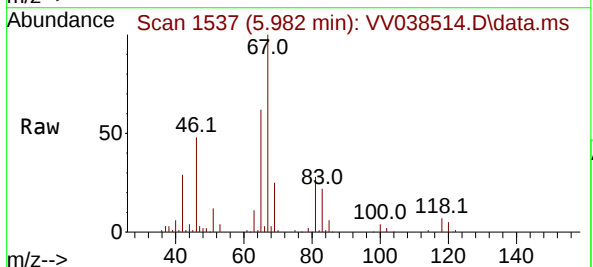
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MSVOA_V
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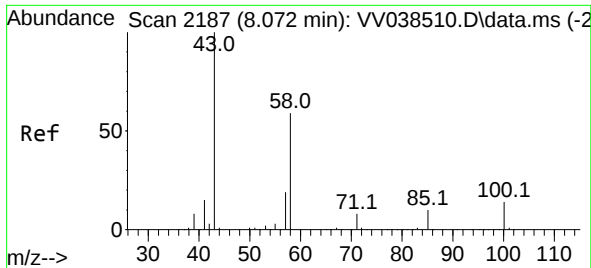
Tgt Ion: 83 Resp: 16677
Ion Ratio Lower Upper
83 100
55 0.2 59.4 89.0#
98 1.1 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038514.D
Acq: 23 Jan 2025 18:24

Tgt Ion: 63 Resp: 7991
Ion Ratio Lower Upper
63 100
112 1.2 4.1 6.1#

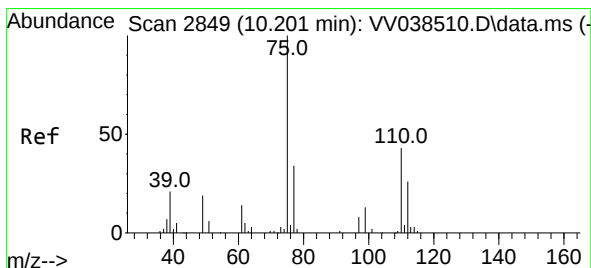
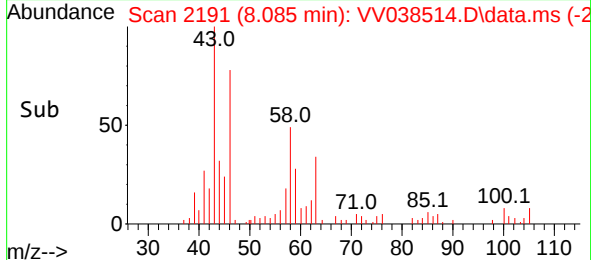
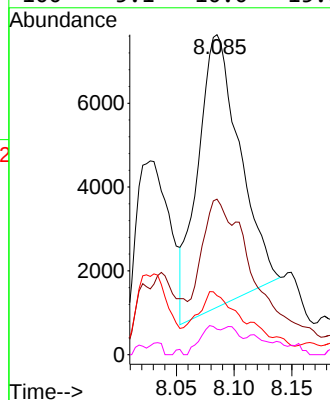
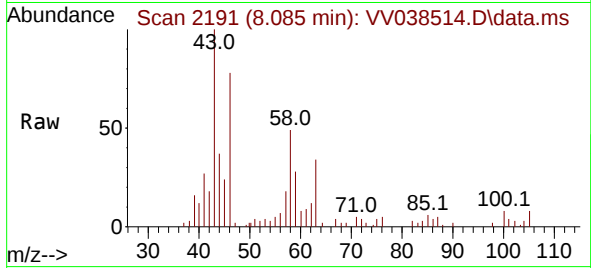




#48
2-Hexanone
Concen: 2.642 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV038514.D
Acq: 23 Jan 2025 18:24

Instrument :
MSVOA_V
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Tgt Ion: 43	Resp: 16468
Ion Ratio	Lower Upper
43 100	
58 66.0	43.6 65.4#
57 25.2	15.0 22.4#
100 5.1	10.0 15.0#



#61
1,2,3-Trichloropropane
Concen: 1.315 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.978 min
Lab File: VV038514.D
Acq: 23 Jan 2025 18:24

Tgt Ion: 75	Resp: 10635
Ion Ratio	Lower Upper
75 100	
77 33.3	25.4 38.0
110 2.2	32.6 48.8#

