

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037560.D
 Acq On : 26 Sep 2024 19:43
 Operator : SY/MD
 Sample : P4184-09
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY037

Quant Time: Sep 27 00:55:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

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

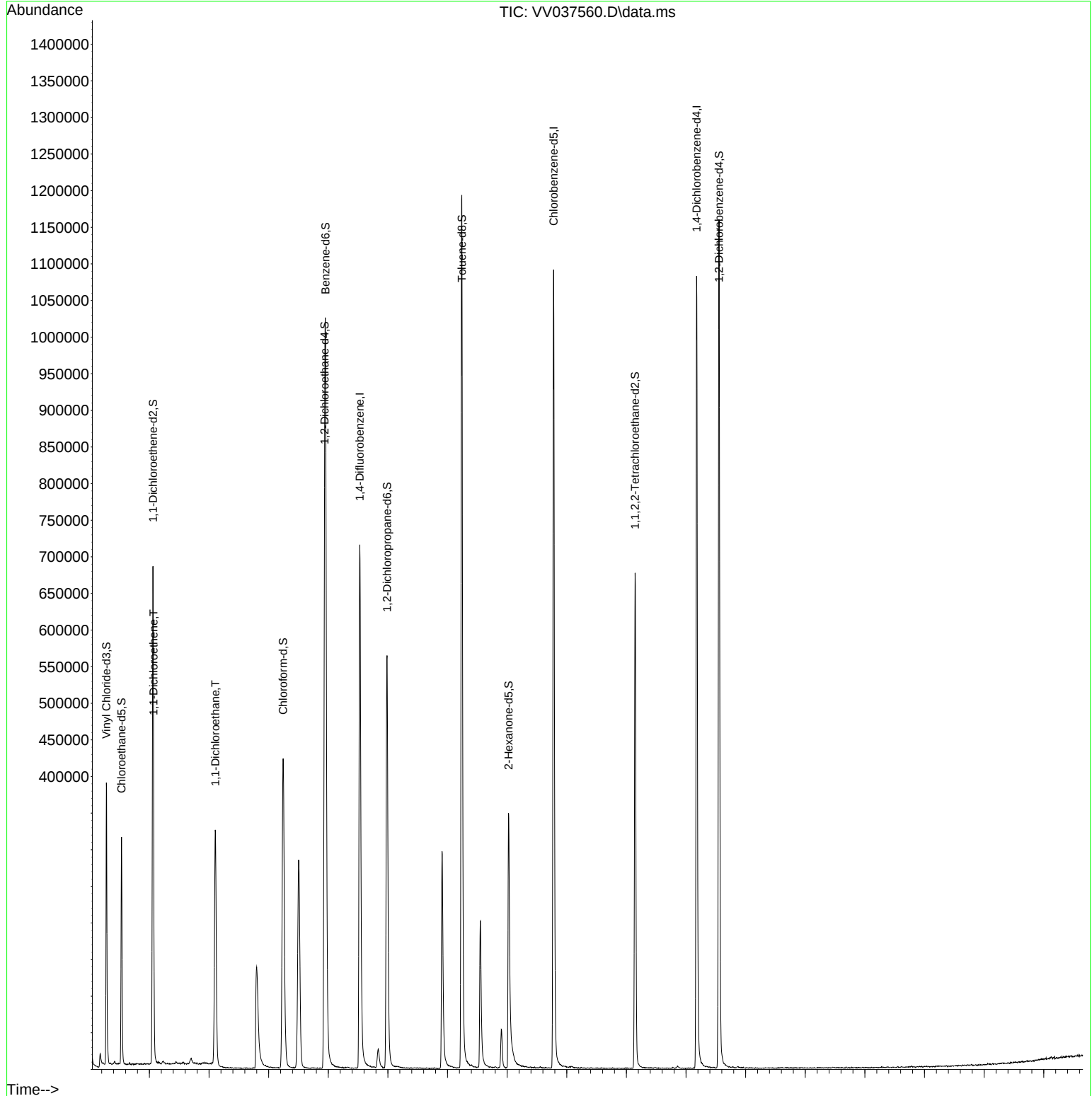
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	639919	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	617246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	284792	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	255349	45.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.920%
7) Chloroethane-d5	1.532	69	204057	46.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.060	65	108638	46.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.580%
21) 2-Butanone-d5	3.793	46	195981	97.950	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.950%
24) Chloroform-d	4.243	84	457012	45.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.460%
26) 1,2-Dichloroethane-d4	4.937	65	279476	47.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.560%
32) Benzene-d6	4.954	84	912476	47.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
36) 1,2-Dichloropropane-d6	5.986	67	287992	46.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.640%
41) Toluene-d8	7.240	98	810798	46.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.580%
43) trans-1,3-Dichloroprop...	7.548	79	123841	43.345	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.680%
47) 2-Hexanone-d5	8.024	63	121524	93.572	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.570%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	332171	46.481	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.960%
66) 1,2-Dichlorobenzene-d4	11.555	152	299374	49.886	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.780%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.069	96	17029	3.997	ug/L	# 1
19) 1,1-Dichloroethane	3.105	63	319278	36.974	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	20384	4.042	ug/L	96
30) 1,1,1-Trichloroethane	4.507	97	238075	31.317	ug/L	100
34) Trichloroethene	5.844	95	8597	1.734	ug/L	94
46) Tetrachloroethene	7.902	164	12493	3.296	ug/L	96

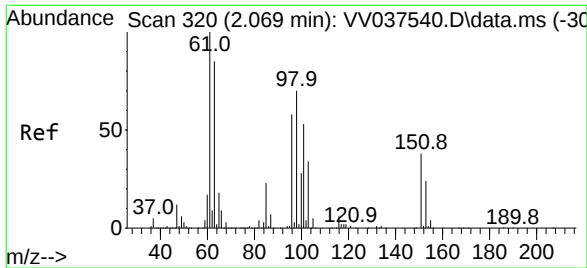
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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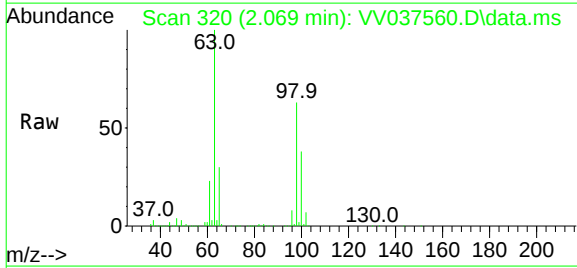
Quant Time: Sep 27 00:55:21 2024
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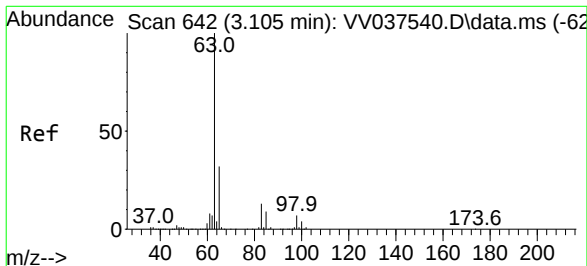
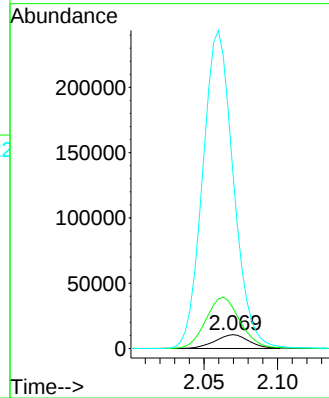
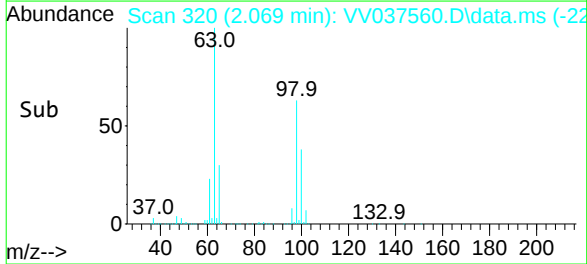


#12
1,1-Dichloroethene
Concen: 3.997 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037560.D
Acq: 26 Sep 2024 19:43

Instrument :
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ClientSampleId :
EY037

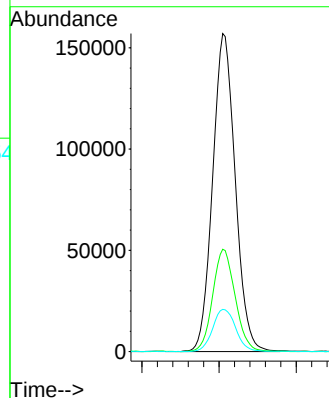
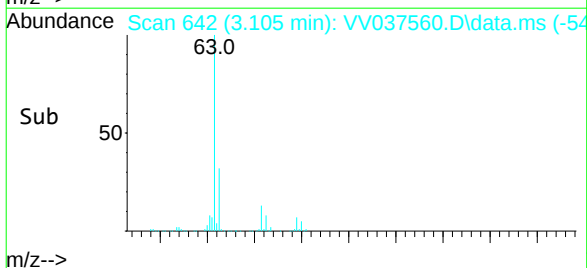
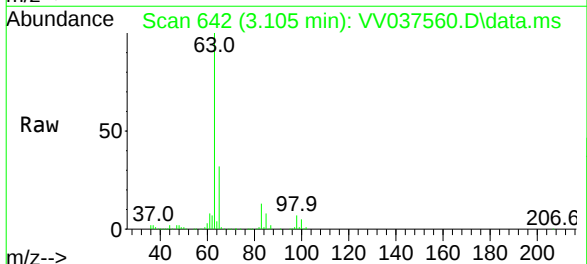


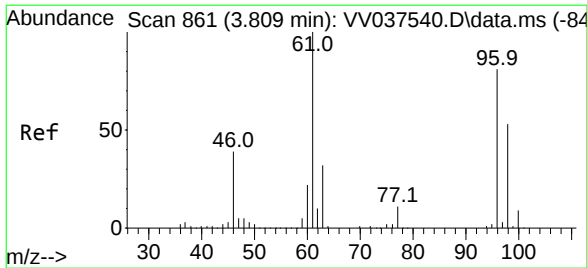
Tgt Ion: 96 Resp: 17029
Ion Ratio Lower Upper
96 100
61 297.9 122.6 227.6#
63 1304.2 118.0 219.2#



#19
1,1-Dichloroethane
Concen: 36.974 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037560.D
Acq: 26 Sep 2024 19:43

Tgt Ion: 63 Resp: 319278
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 13.3 9.5 17.7

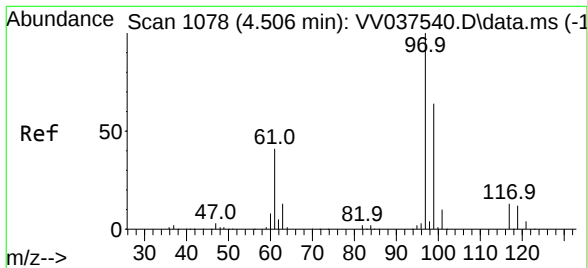
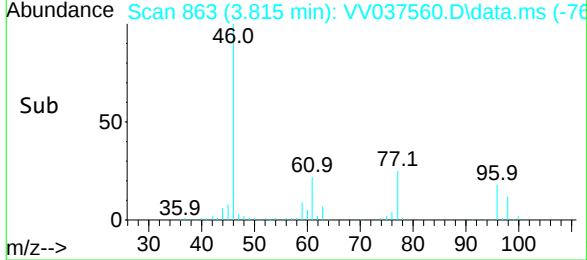
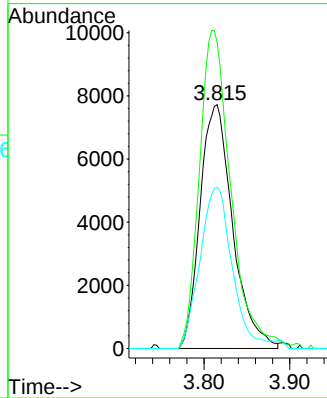
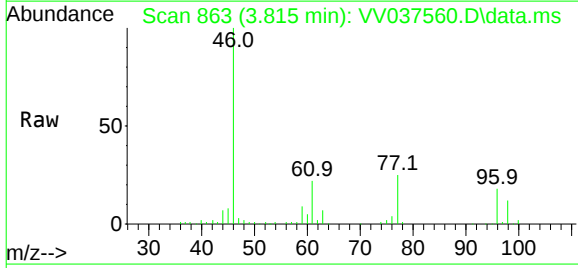




#20
 cis-1,2-Dichloroethene
 Concen: 4.042 ug/L
 RT: 3.815 min Scan# 861
 Delta R.T. 0.007 min
 Lab File: VV037560.D
 Acq: 26 Sep 2024 19:43

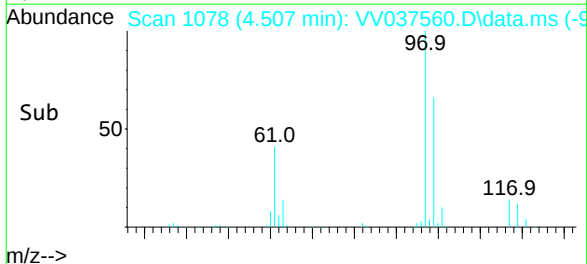
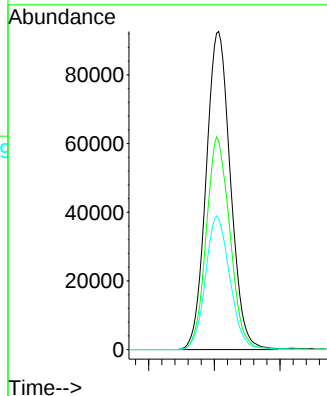
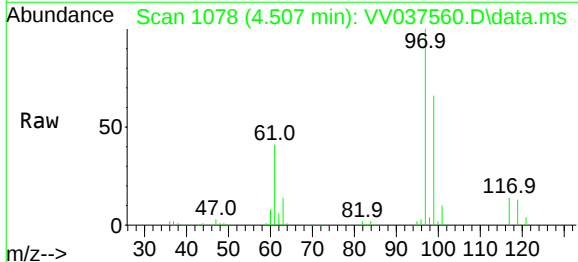
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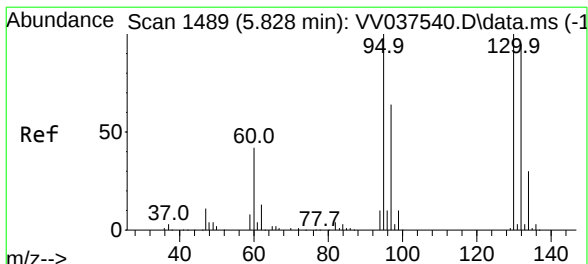
Tgt Ion:	96	Resp:	20384
Ion	Ratio	Lower	Upper
96	100		
61	125.4	85.0	157.8
98	66.0	44.2	82.0



#30
 1,1,1-Trichloroethane
 Concen: 31.317 ug/L
 RT: 4.507 min Scan# 1078
 Delta R.T. 0.000 min
 Lab File: VV037560.D
 Acq: 26 Sep 2024 19:43

Tgt Ion:	97	Resp:	238075
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.6
61	42.1	33.6	50.4

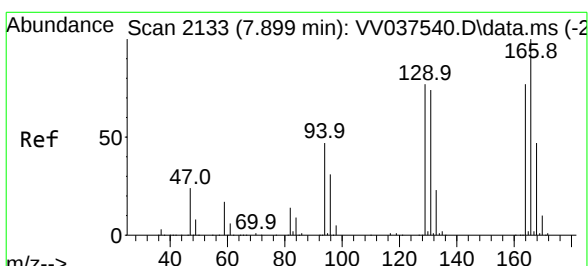
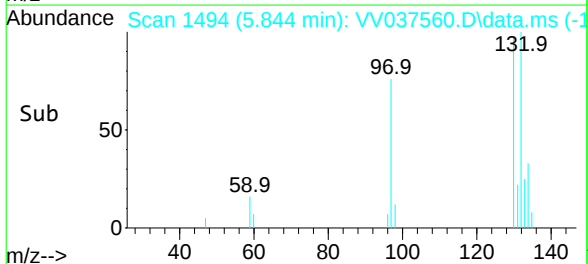
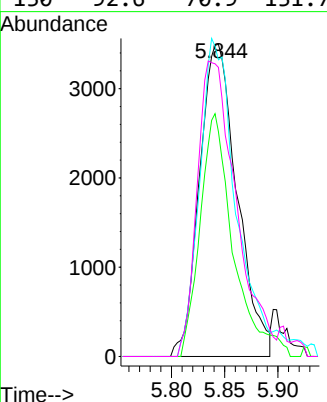
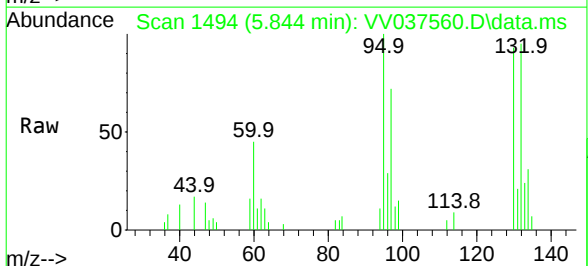




#34
 Trichloroethene
 Concen: 1.734 ug/L
 RT: 5.844 min Scan# 1489
 Delta R.T. 0.016 min
 Lab File: VV037560.D
 Acq: 26 Sep 2024 19:43

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Tgt Ion:	95	Resp:	8597
Ion	Ratio	Lower	Upper
95	100		
97	72.0	46.3	85.9
132	95.1	68.6	127.4
130	92.6	70.9	131.7



#46
 Tetrachloroethene
 Concen: 3.296 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.003 min
 Lab File: VV037560.D
 Acq: 26 Sep 2024 19:43

Tgt Ion:	164	Resp:	12493
Ion	Ratio	Lower	Upper
164	100		
129	92.3	68.2	126.6
131	96.7	66.1	122.8
166	124.9	91.1	169.1

