

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
 Data File : VW019886.D
 Acq On : 24 Aug 2021 19:41
 Operator : SY/VA
 Sample : VIBLK408
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK408

Quant Time: Aug 25 01:03:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 25 00:57:31 2021
 Response via : Initial Calibration

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

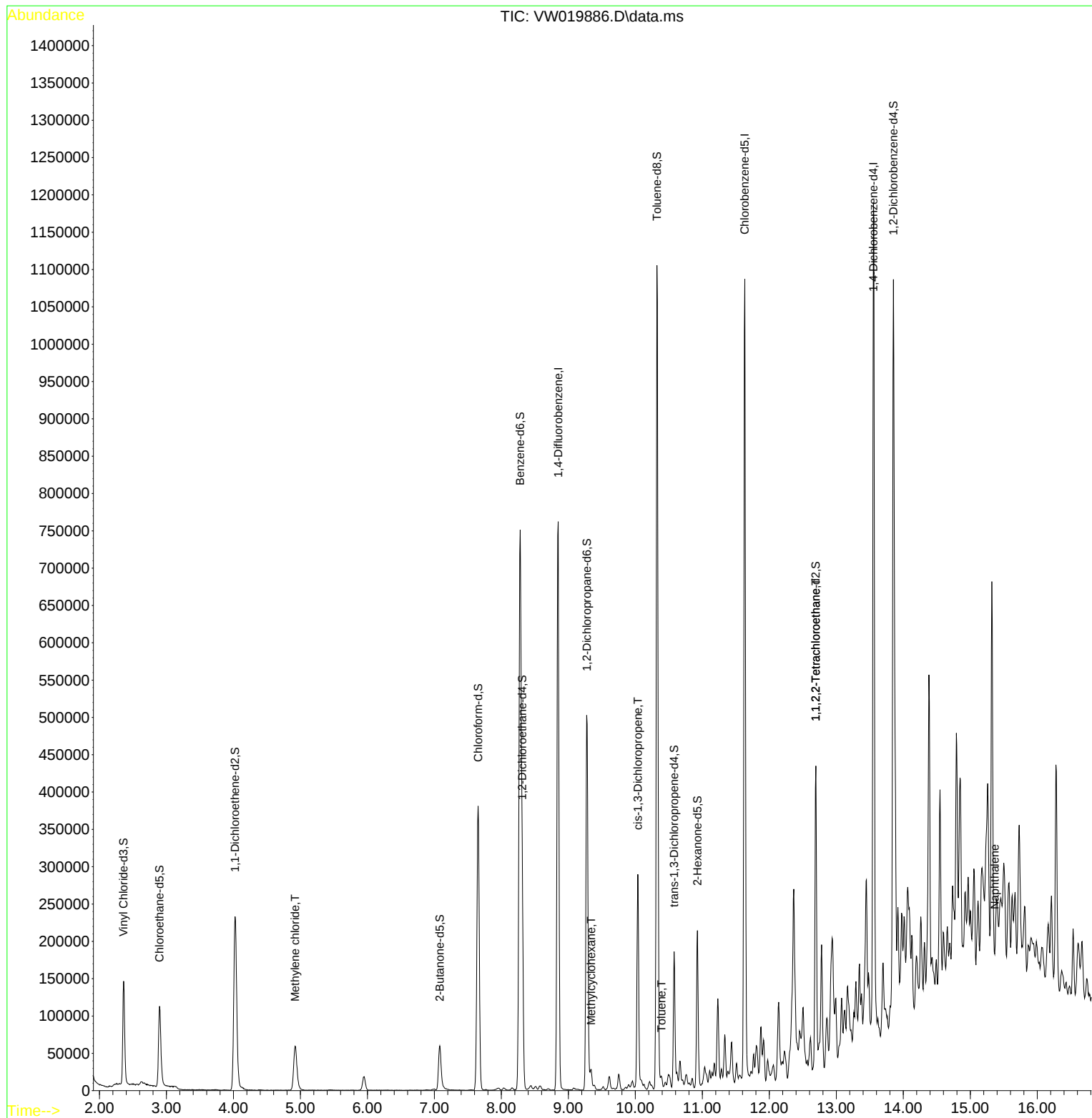
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	629374	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	580892	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	290146	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	169546	17.387	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.560%
7) Chloroethane-d5	2.897	69	150891	17.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.520%
11) 1,1-Dichloroethene-d2	4.025	63	259591	15.341	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.360%
21) 2-Butanone-d5	7.080	46	101123	51.053	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.100%
24) Chloroform-d	7.653	84	389370	22.496	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	8.311	65	219810	23.565	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.280%
32) Benzene-d6	8.281	84	786154	23.736	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	9.274	67	234579	23.388	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.560%
41) Toluene-d8	10.323	98	707275	23.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	10.579	79	99818	24.090	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.360%
47) 2-Hexanone-d5	10.927	63	68861	49.283	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.560%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	181878	22.280	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	237949	23.908	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.640%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.921	84	51486	4.766	ug/L	95
35) Methylcyclohexane	9.341	83	8589	0.540	ug/L	90
39) cis-1,3-Dichloropropene	10.036	75	7722	0.594	ug/L #	72
42) Toluene	10.390	91	11564	0.306	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.694	83	4861	0.620	ug/L #	39
71) Naphthalene	15.365	128	14031	0.758	ug/L #	95

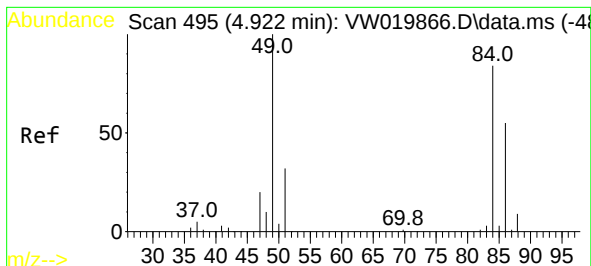
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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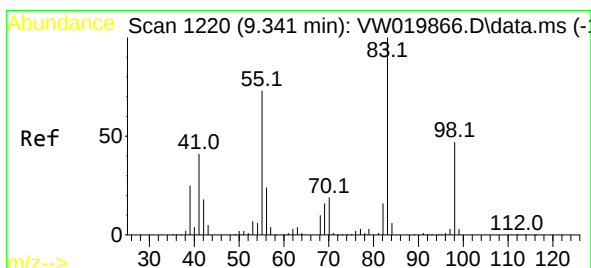
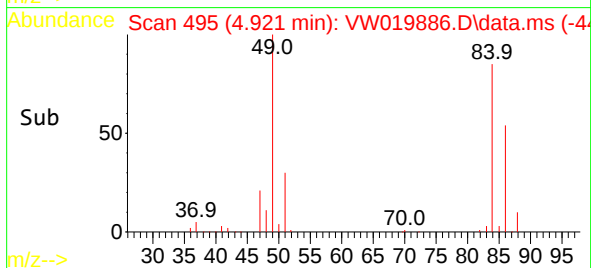
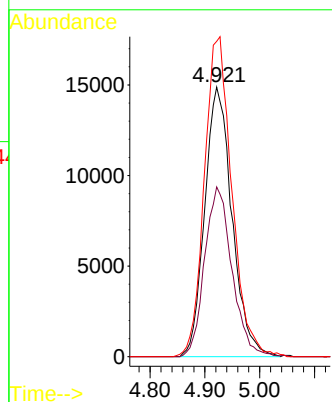
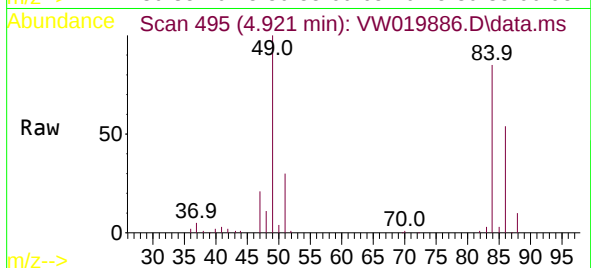


#16
Methylene chloride
Concen: 4.766 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019886.D
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Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

Tgt Ion: 84 Resp: 51486

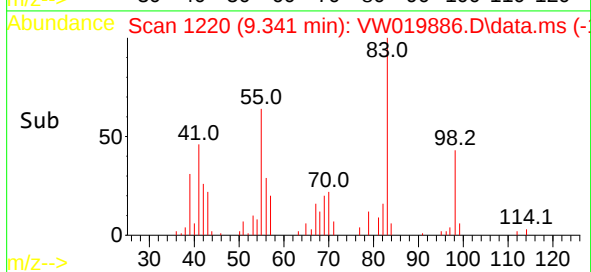
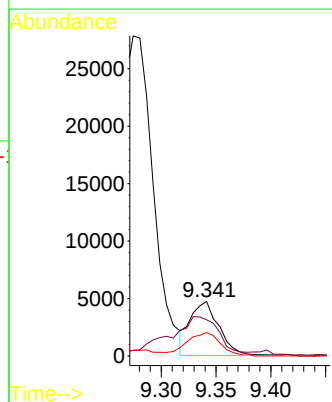
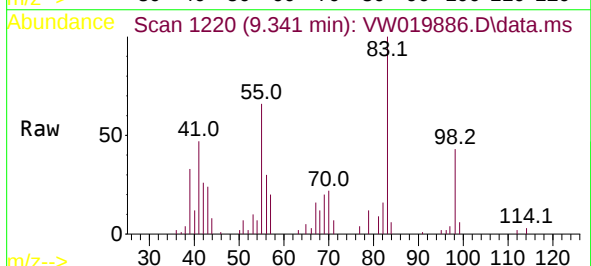
Ion	Ratio	Lower	Upper
84	100		
86	63.0	45.3	84.1
49	117.0	86.6	160.8

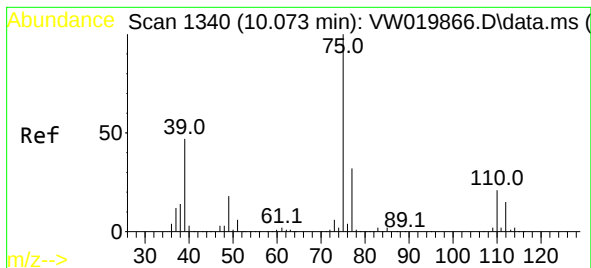


#35
Methylcyclohexane
Concen: 0.540 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. -0.000 min
Lab File: VW019886.D
Acq: 24 Aug 2021 19:41

Tgt Ion: 83 Resp: 8589

Ion	Ratio	Lower	Upper
83	100		
55	87.1	58.9	88.3
98	50.4	40.1	60.1

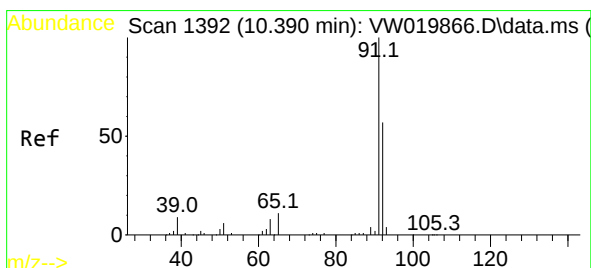
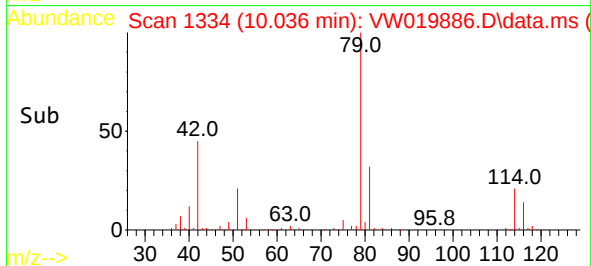
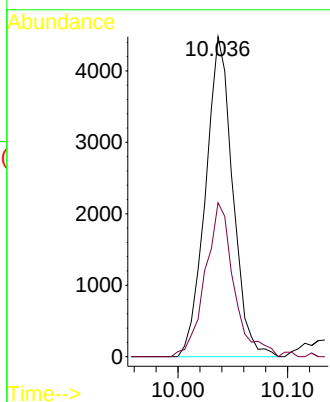
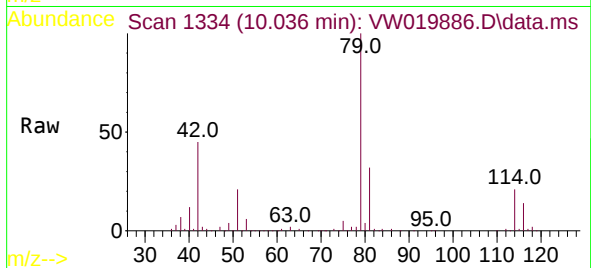




#39
cis-1,3-Dichloropropene
Concen: 0.594 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019886.D
Acq: 24 Aug 2021 19:41

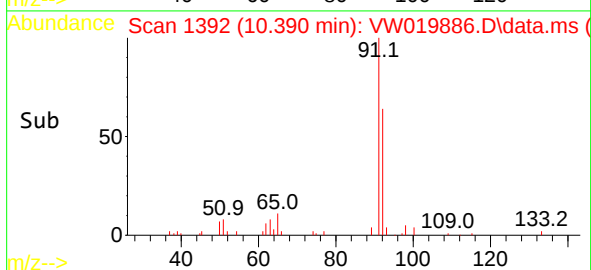
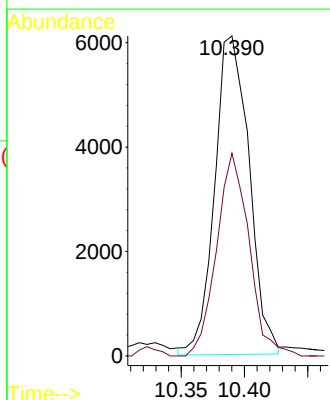
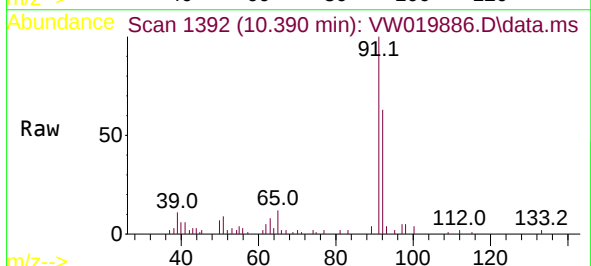
Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

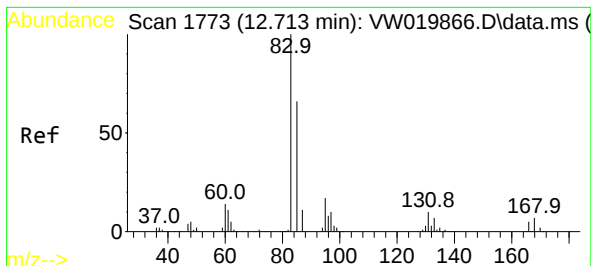
Tgt Ion: 75 Resp: 7722
Ion Ratio Lower Upper
75 100
77 48.1 22.6 42.0#



#42
Toluene
Concen: 0.306 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019886.D
Acq: 24 Aug 2021 19:41

Tgt Ion: 91 Resp: 11564
Ion Ratio Lower Upper
91 100
92 63.4 39.5 73.3

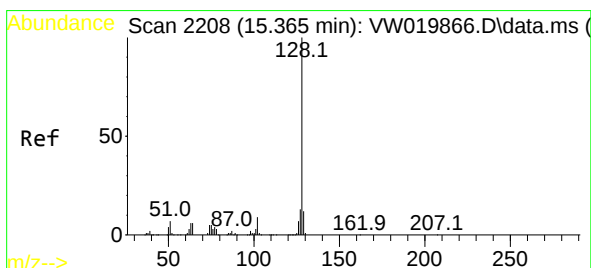
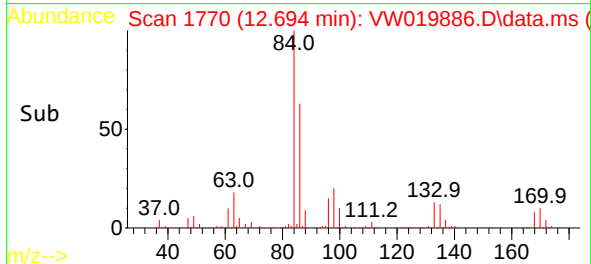
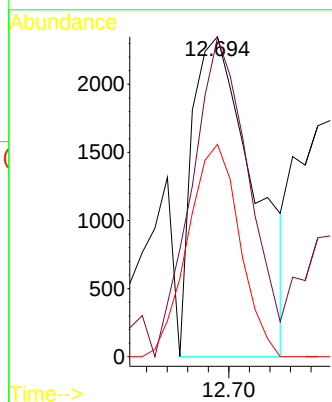
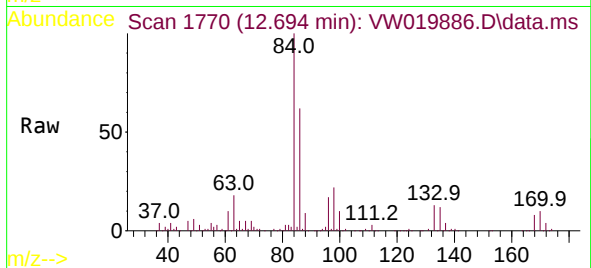




#57
1,1,2,2-Tetrachloroethane
Concen: 0.620 ug/L
RT: 12.694 min Scan# 1770
Delta R.T. -0.018 min
Lab File: VW019886.D
Acq: 24 Aug 2021 19:41

Instrument :
MSVOA_W
ClientSampled :
VIBLK408

Tgt Ion:	83	Resp:	4861
Ion	Ratio	Lower	Upper
83	100		
85	99.7	44.4	82.4#
131	66.4	8.2	12.4#



#71
Naphthalene
Concen: 0.758 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019886.D
Acq: 24 Aug 2021 19:41

Tgt Ion:	128	Resp:	14031
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.6	15.8
129	8.1	9.0	13.6#

