

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020223\
 Data File : VW030020.D
 Acq On : 02 Feb 2023 13:57
 Operator : SY/MD
 Sample : 01393-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

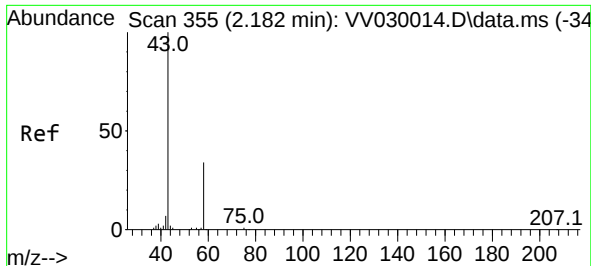
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B45

Quant Time: Feb 03 01:13:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 03 01:11:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	263293	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	248574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	122733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75374	3.774	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.564	69	72057	4.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.101	63	106277	2.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.400%#
20) 2-Butanone-d5	3.889	46	156455	44.201	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.400%
24) Chloroform-d	4.333	84	144139	3.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.018	65	61349	3.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
32) Benzene-d6	5.037	84	295235	4.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.056	67	94413	4.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.304	98	250036	3.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.609	79	30351	3.851	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.082	63	140046	43.648	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.300%
56) 1,1,2,2-Tetrachloroeth...	10.201	84	63164	3.994	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	11.609	152	90431	4.053	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.000%
Target Compounds						Qvalue
13) Acetone	2.188	43	9522	3.769	ug/L	88
16) Methylene chloride	2.500	84	7260	0.260	ug/L	90
25) Chloroform	4.358	83	67762	1.783	ug/L	95
31) Carbon tetrachloride	4.812	117	2574	0.092	ug/L	86
38) Bromodichloromethane	6.497	83	44253	1.778	ug/L	99
42) Toluene	7.374	91	563019	6.352	ug/L	99
49) Dibromochloromethane	8.233	129	26766	1.645	ug/L	99
52) Ethylbenzene	9.001	91	6000	0.065	ug/L	91
59) Bromoform	9.718	173	4287	0.539	ug/L	97

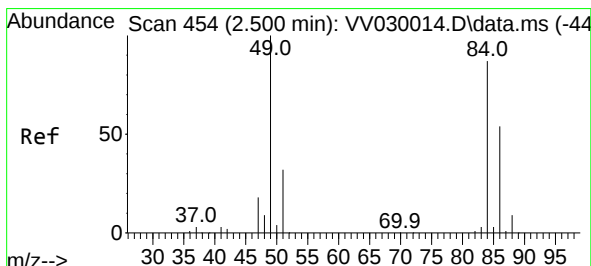
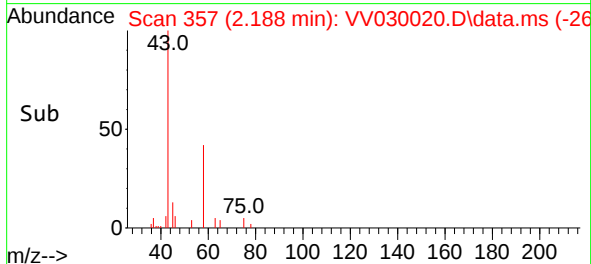
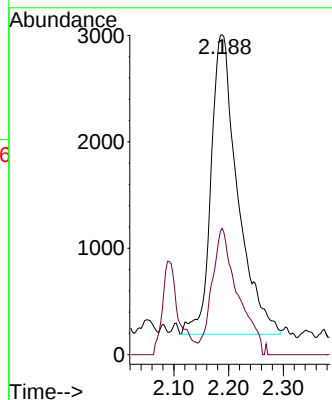
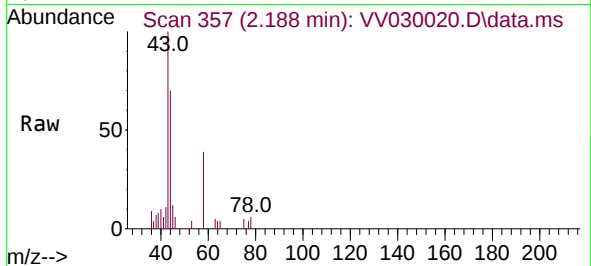
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
Acetone
Concen: 3.769 ug/L
RT: 2.188 min Scan# 355
Delta R.T. 0.006 min
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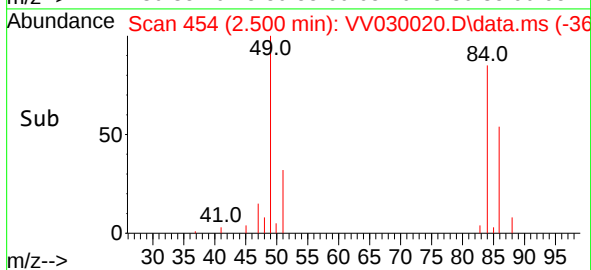
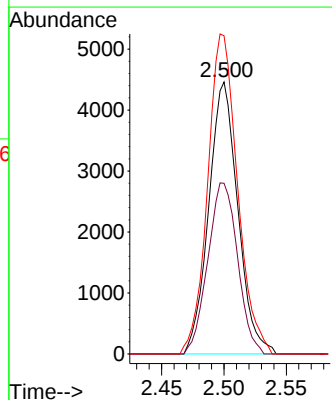
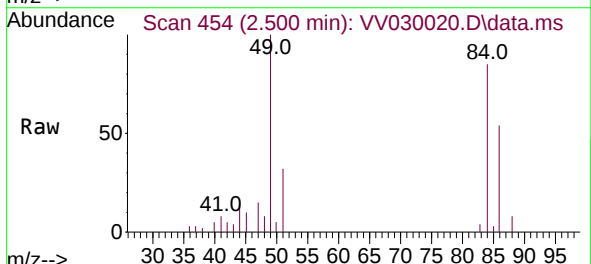
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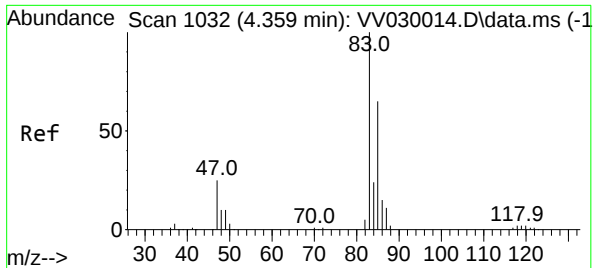
Tgt Ion: 43 Resp: 9522
Ion Ratio Lower Upper
43 100
58 41.0 0.0 68.8



#16
Methylene chloride
Concen: 0.260 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV030020.D
Acq: 02 Feb 2023 13:57

Tgt Ion: 84 Resp: 7260
Ion Ratio Lower Upper
84 100
86 62.8 45.0 83.6
49 117.0 71.5 132.7

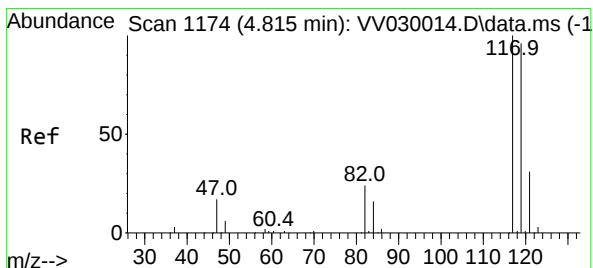
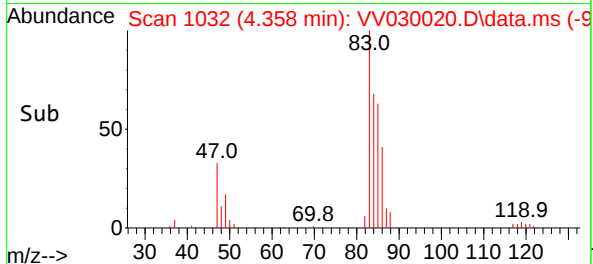
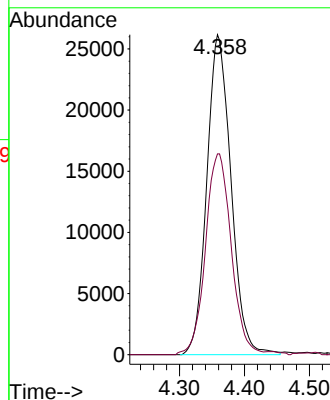
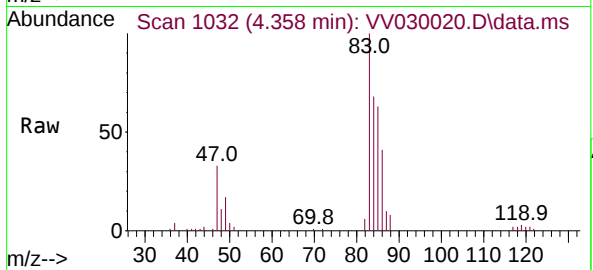




#25
Chloroform
Concen: 1.783 ug/L
RT: 4.358 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VV030020.D
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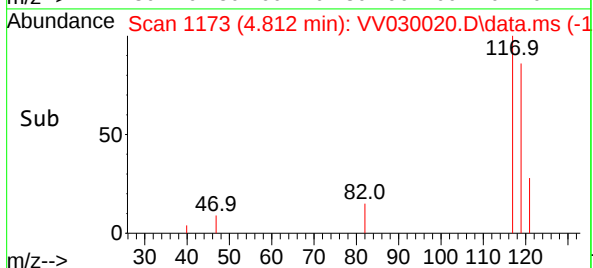
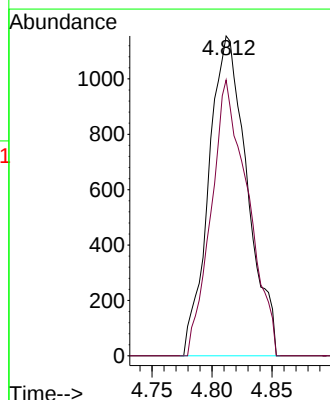
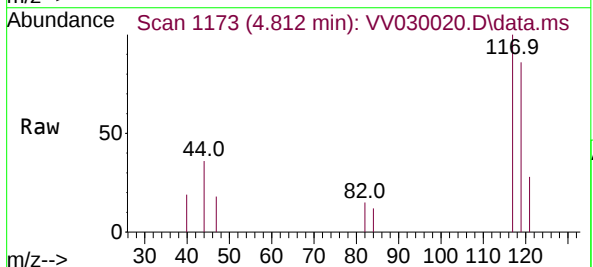
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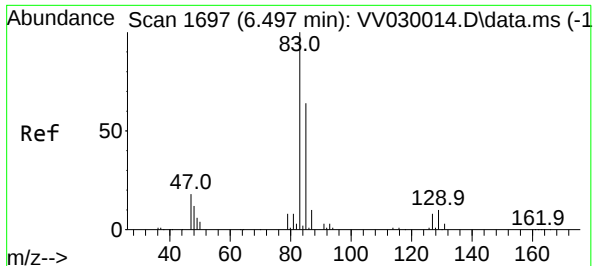
Tgt Ion: 83 Resp: 67762
Ion Ratio Lower Upper
83 100
85 62.7 46.5 86.5



#31
Carbon tetrachloride
Concen: 0.092 ug/L
RT: 4.812 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VV030020.D
Acq: 02 Feb 2023 13:57

Tgt Ion: 117 Resp: 2574
Ion Ratio Lower Upper
117 100
119 82.4 76.6 114.8

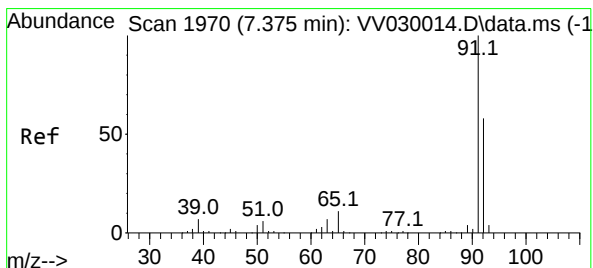
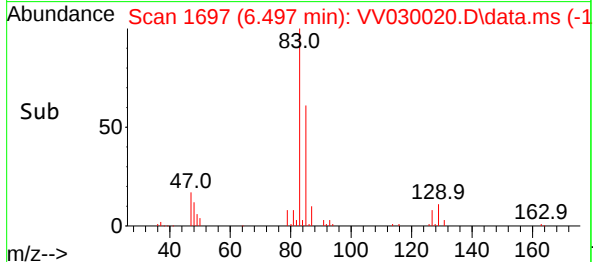
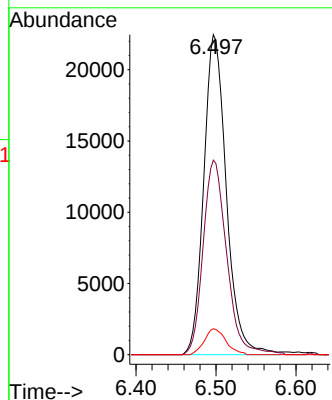
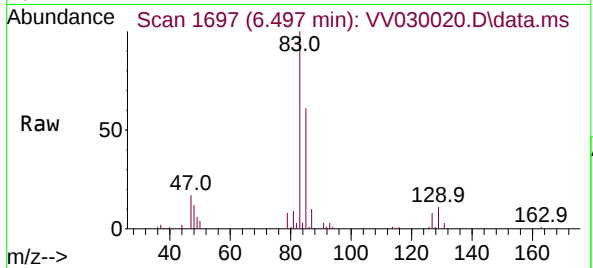




#38
 Bromodichloromethane
 Concen: 1.778 ug/L
 RT: 6.497 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VV030020.D
 Acq: 02 Feb 2023 13:57

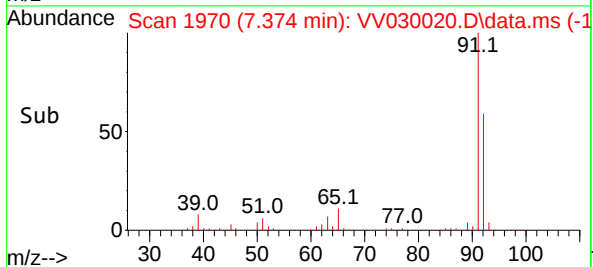
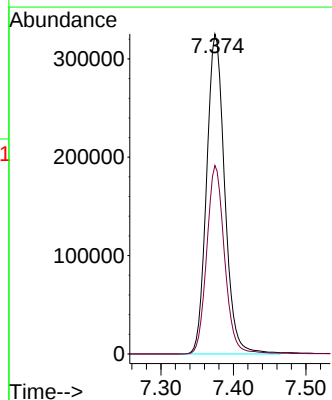
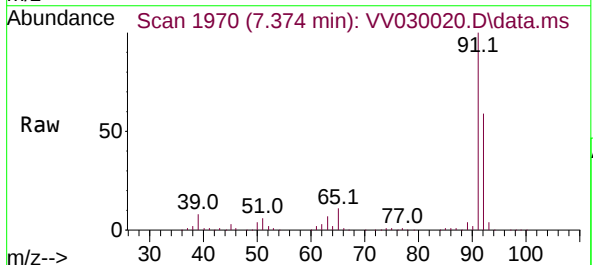
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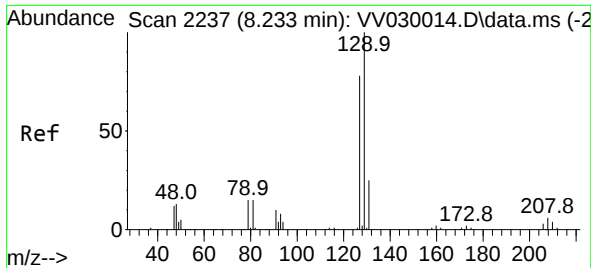
Tgt Ion: 83 Resp: 44253
 Ion Ratio Lower Upper
 83 100
 85 60.8 43.2 80.2
 127 8.1 7.0 10.6



#42
 Toluene
 Concen: 6.352 ug/L
 RT: 7.374 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VV030020.D
 Acq: 02 Feb 2023 13:57

Tgt Ion: 91 Resp: 563019
 Ion Ratio Lower Upper
 91 100
 92 58.9 40.6 75.4

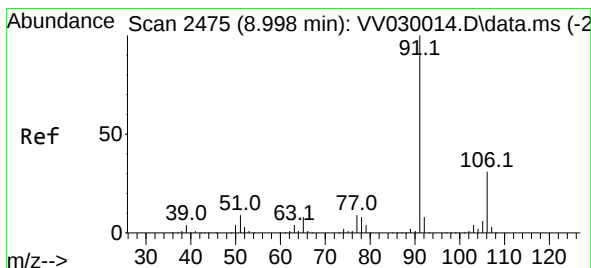
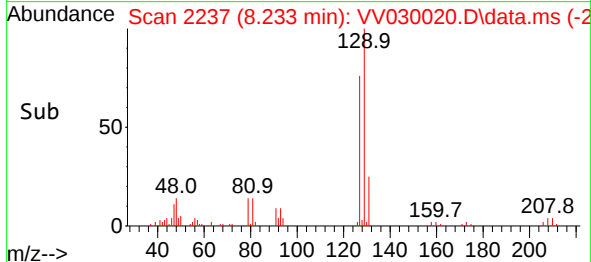
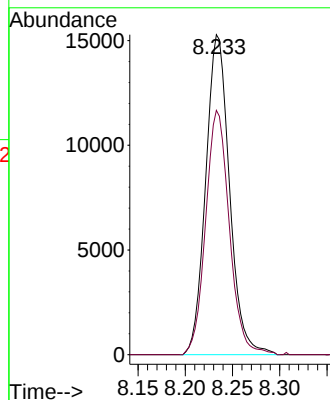
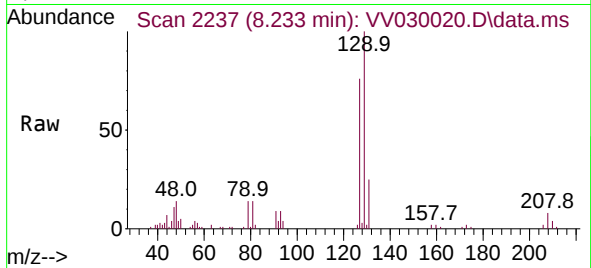




#49
Dibromochloromethane
Concen: 1.645 ug/L
RT: 8.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030020.D
Acq: 02 Feb 2023 13:57

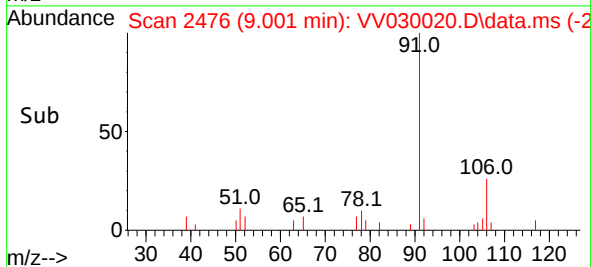
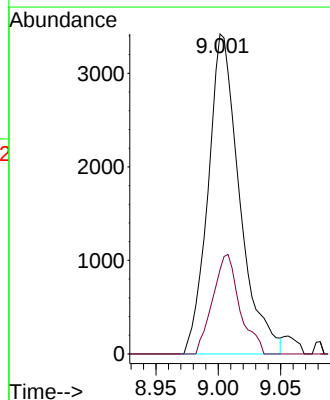
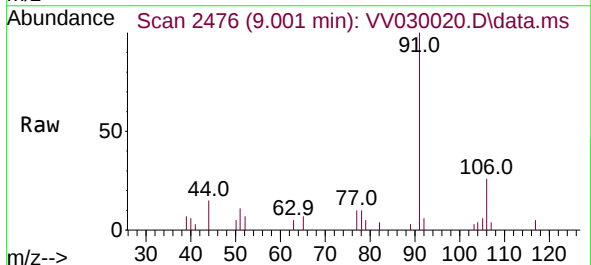
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ClientSampleId :
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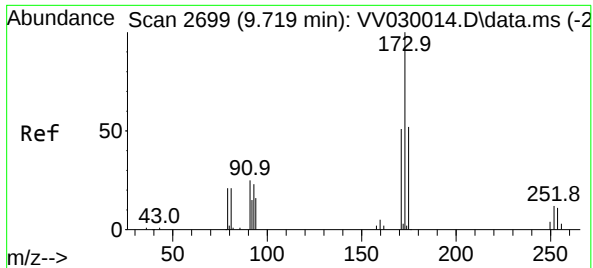
Tgt Ion:129 Resp: 26766
Ion Ratio Lower Upper
129 100
127 76.4 54.1 100.5



#52
Ethylbenzene
Concen: 0.065 ug/L
RT: 9.001 min Scan# 2476
Delta R.T. 0.003 min
Lab File: VV030020.D
Acq: 02 Feb 2023 13:57

Tgt Ion: 91 Resp: 6000
Ion Ratio Lower Upper
91 100
106 26.4 21.9 40.7





#59
 Bromoform
 Concen: 0.539 ug/L
 RT: 9.718 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VV030020.D
 Acq: 02 Feb 2023 13:57

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	173	Resp:	4287
Ion	Ratio	Lower	Upper
173	100		
175	45.8	38.6	57.8
254	10.4	7.9	11.9

