

Data File : VR026489.D
Acq On : 7 Apr 2019 11:11
Operator : SY/MD
Sample : K2271-03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
DB7C6

Quant Time: Apr 08 03:01:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 08 02:57:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	528003	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	439034	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	131758	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	212650	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	2.62	69	190005	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	3.60	63	442738	4.27	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	6.58	46	194472	54.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.74%
24) Chloroform-d	7.19	84	395891	5.19	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	7.89	65	168045	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	7.85	84	746241	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	8.90	67	194548	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	9.97	98	684787	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
43) trans-1,3-Dichloropropene-	10.23	79	43970	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	10.59	63	156277	60.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.92%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70598	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	127563	6.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.80%#

Target Compounds

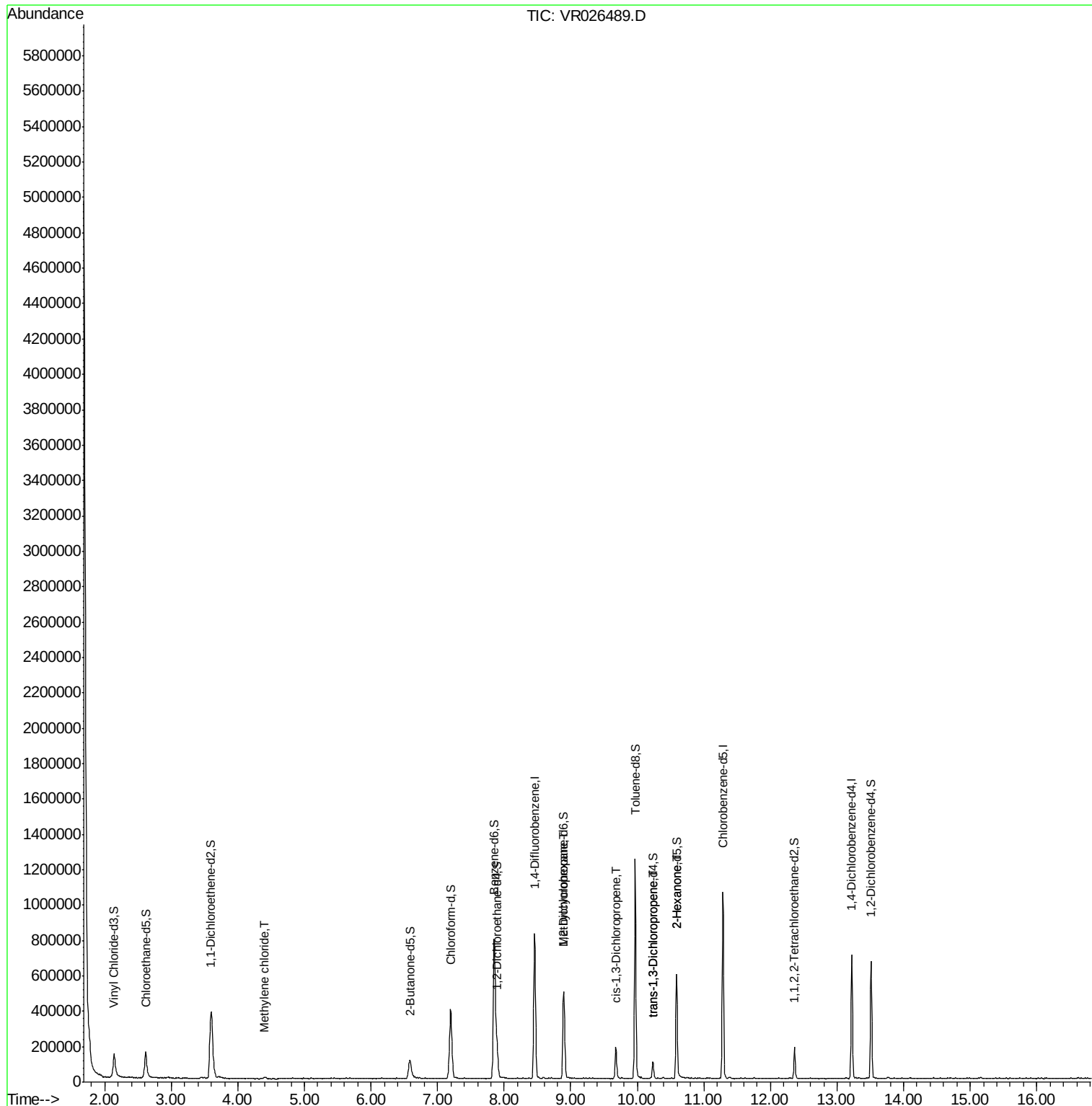
					Qvalue
16) Methylene chloride	4.39	84	5959	0.143 ug/L	72
35) Methylcyclohexane	8.89	83	47368	0.723 ug/L #	15
39) cis-1,3-Dichloropropene	9.67	75	6243	0.153 ug/L	86
44) trans-1,3-Dichloropropene	10.24	75	3366	0.113 ug/L	99
48) 2-Hexanone	10.59	43	25432	3.470 ug/L #	70

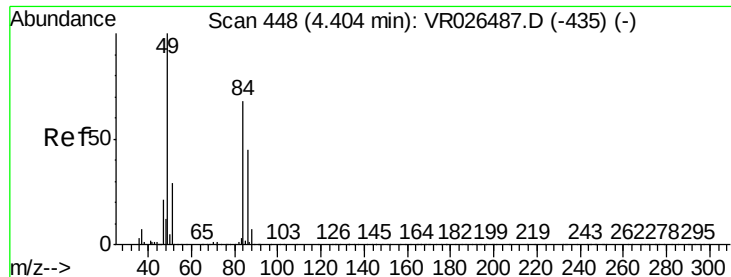
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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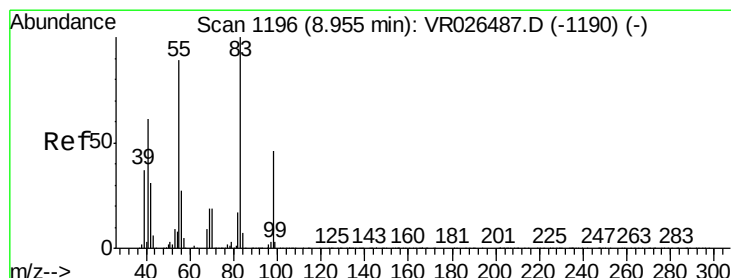
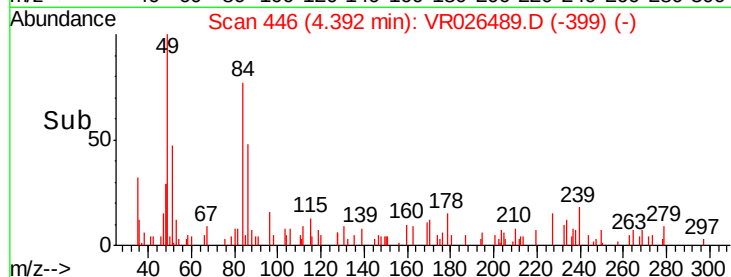
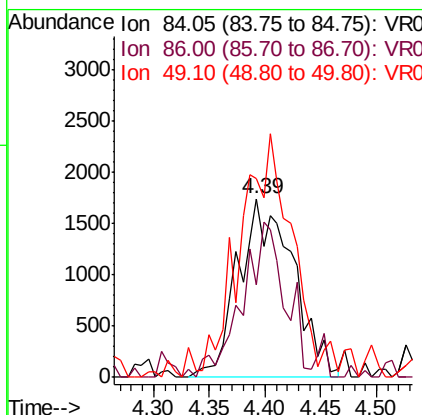
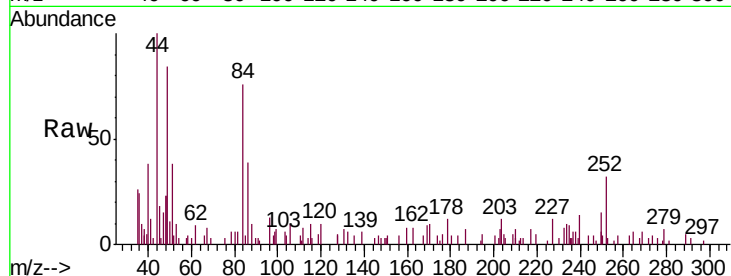




#16
Methylene chloride
Concen: 0.143 ug/L
RT: 4.39 min Scan# 446
Delta R.T. -0.01 min
Lab File: VR026489.D
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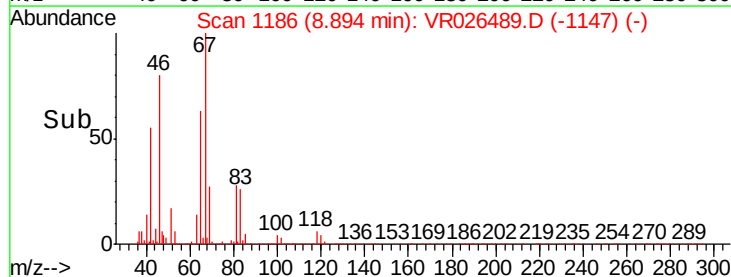
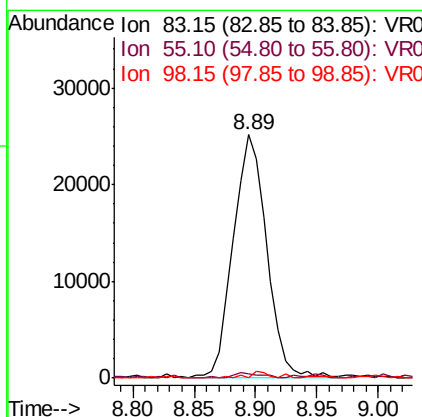
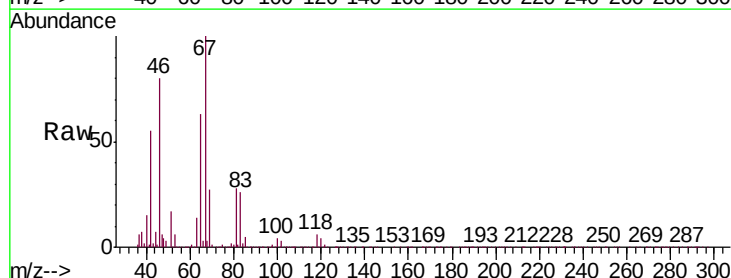
Instrument :
MSVOA_R
ClientSampleId :
DB7C6

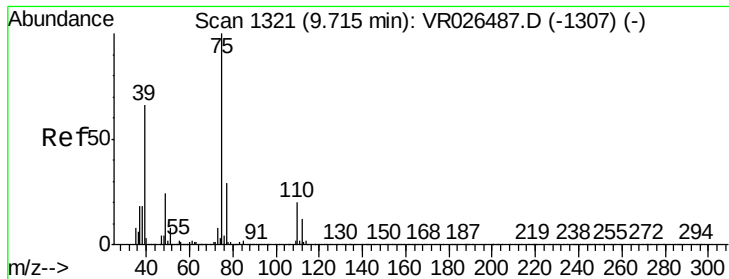
Tgt Ion: 84 Resp: 5959
Ion Ratio Lower Upper
84 100
86 51.7 45.6 84.6
49 111.1 106.5 197.9



#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026489.D
Acq: 7 Apr 2019 11:11

Tgt Ion: 83 Resp: 47368
Ion Ratio Lower Upper
83 100
55 2.0 73.8 110.6#
98 1.4 34.6 51.8#





#39

cis-1,3-Dichloropropene

Concen: 0.153 ug/L

RT: 9.67 min Scan# 1314

Delta R.T. -0.04 min

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Instrument :

MSVOA_R

ClientSampleId :

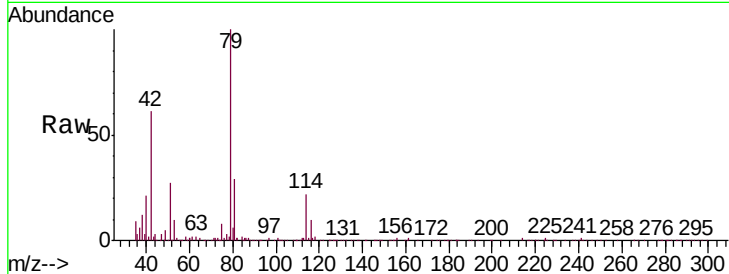
DB7C6

Tgt Ion: 75 Resp: 6243

Ion Ratio Lower Upper

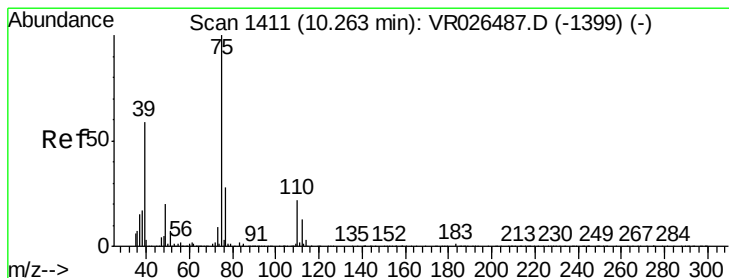
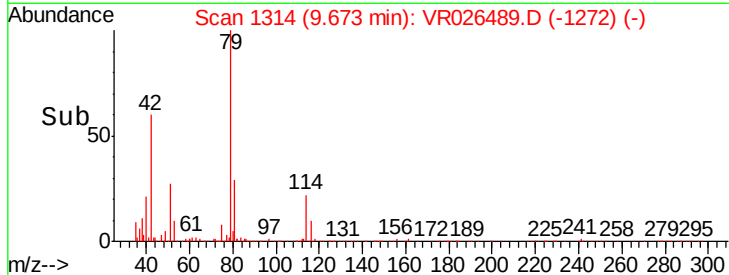
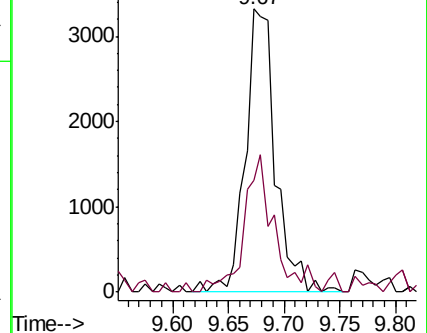
75 100

77 39.6 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0



#44

trans-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

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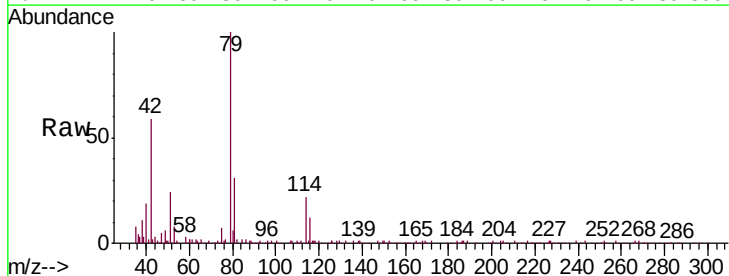
Acq: 7 Apr 2019 11:11

Tgt Ion: 75 Resp: 3366

Ion Ratio Lower Upper

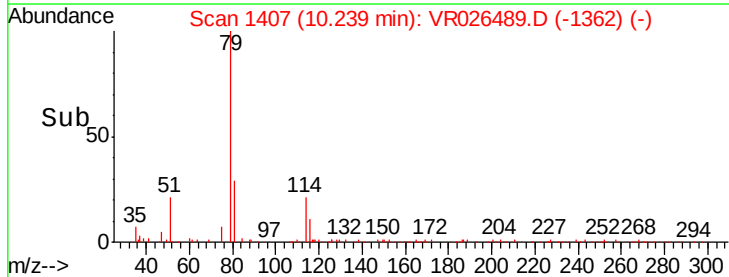
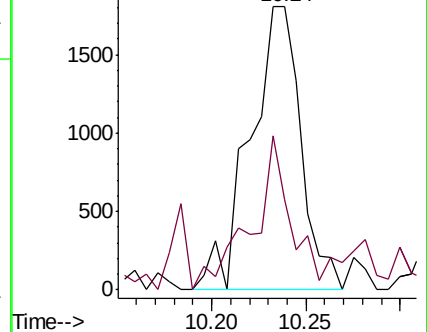
75 100

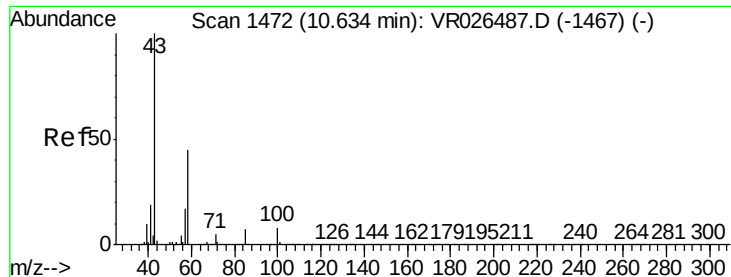
77 32.1 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0





#48

2-Hexanone

Concen: 3.470 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026489.D

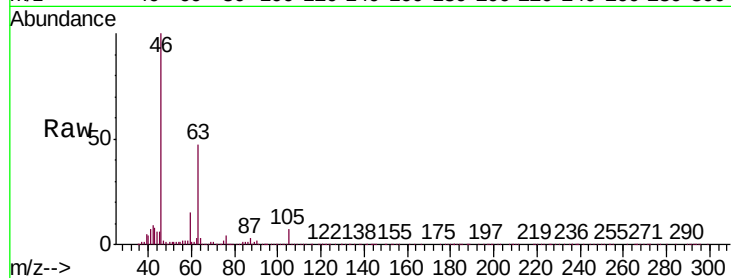
Acq: 7 Apr 2019 11:11

Instrument :

MSVOA_R

ClientSampleId :

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Tgt Ion:	43	Resp:	25432
Ion	Ratio	Lower	Upper
43	100		
58	24.7	38.2	57.2#
57	29.8	13.8	20.6#
100	4.5	6.2	9.2#

