

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101818\
 Data File : VR026138.D
 Acq On : 18 Oct 2018 17:20
 Operator : SY/MD
 Sample : J5464-12
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JE7

Quant Time: Oct 19 04:43:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 04:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	508421	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	435926	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	137770	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	217512	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	2.63	69	200356	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	3.62	63	404425	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	6.59	46	213132	58.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.68%
24) Chloroform-d	7.20	84	341290	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	7.90	65	152620	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	7.85	84	684950	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	8.90	67	191635	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	9.97	98	634906	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	10.24	79	36082	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	10.59	63	172058	62.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.62%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	74504	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	124203	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

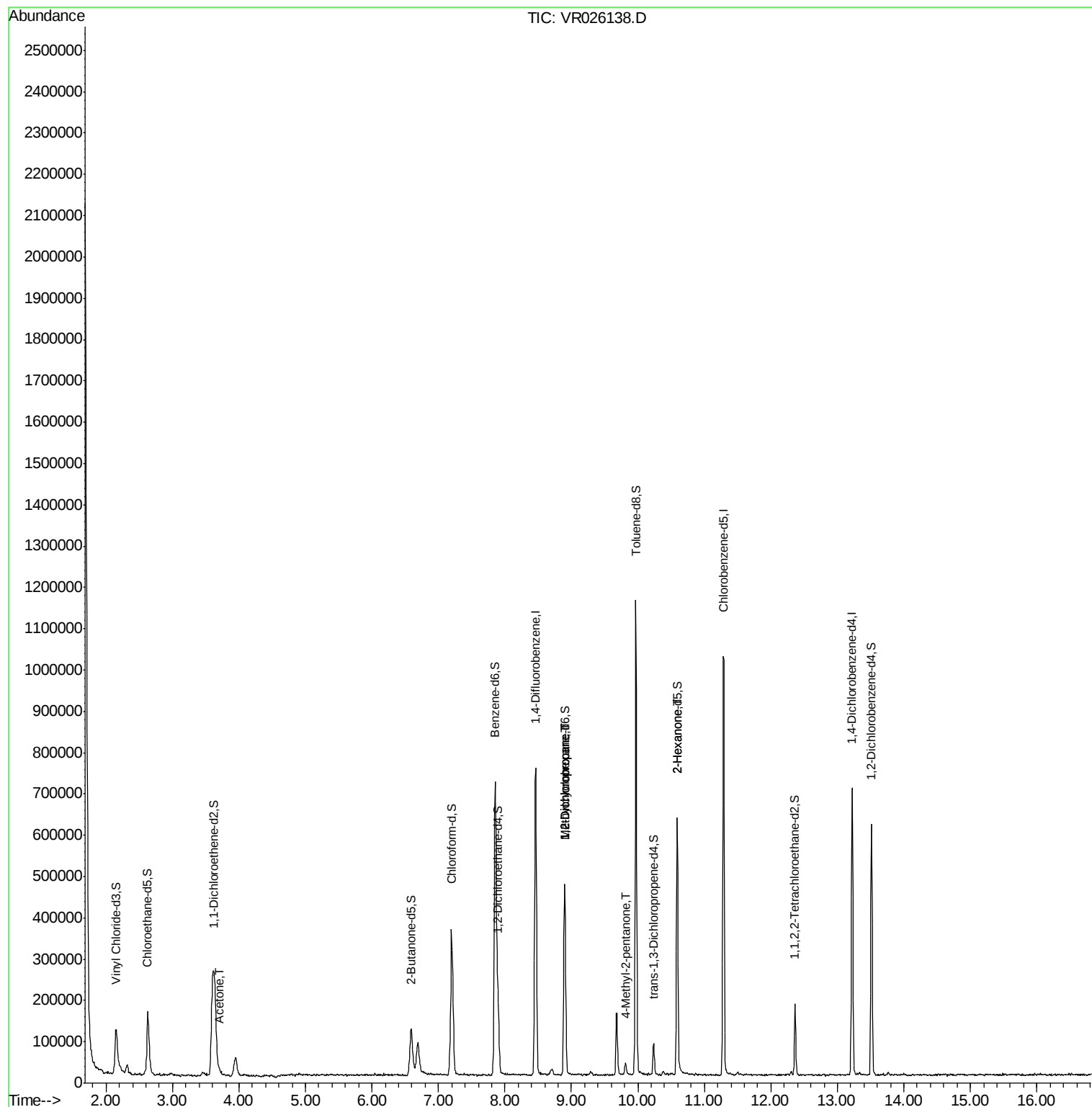
					Qvalue
13) Acetone	3.70	43	9700	2.569 ug/L	88
35) Methylcyclohexane	8.90	83	44069	0.707 ug/L #	19
37) 1,2-Dichloropropane	8.91	63	23917	0.693 ug/L #	93
40) 4-Methyl-2-pentanone	9.81	43	12963	1.230 ug/L #	51
48) 2-Hexanone	10.59	43	27528	3.999 ug/L #	74

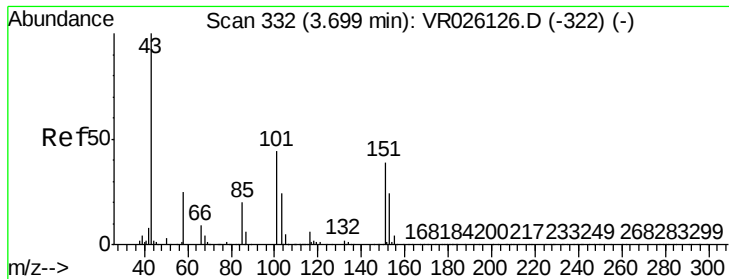
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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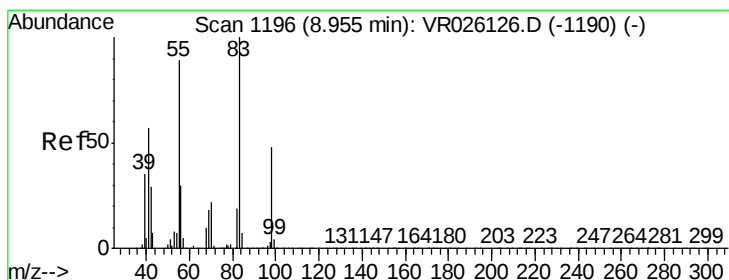
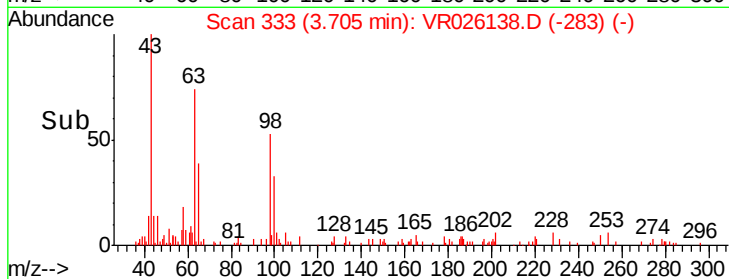
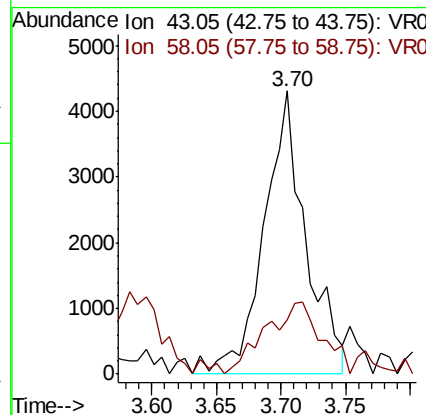
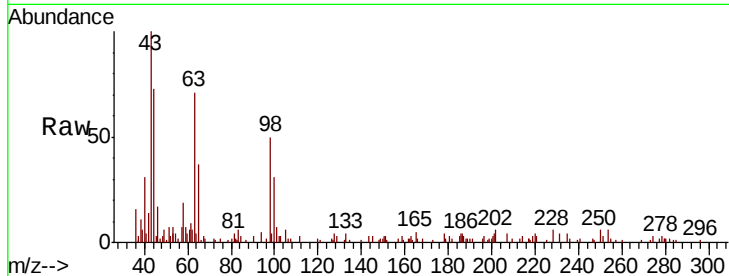




#13
Acetone
Concen: 2.569 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.01 min
Lab File: VR026138.D
Acq: 18 Oct 2018 17:20

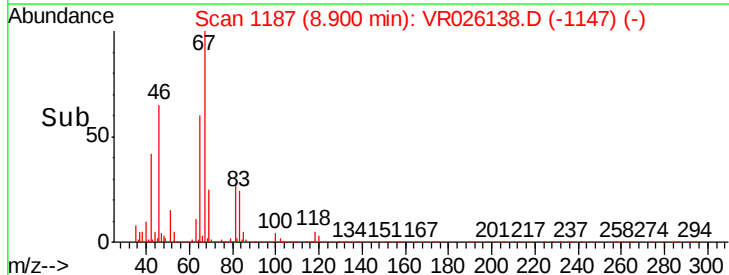
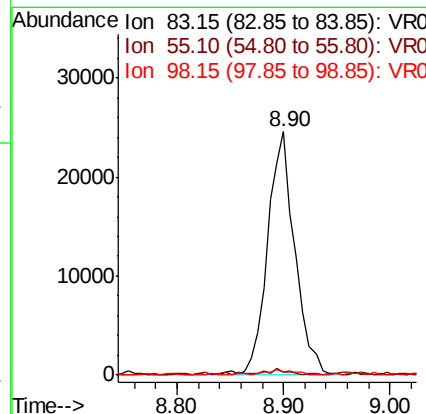
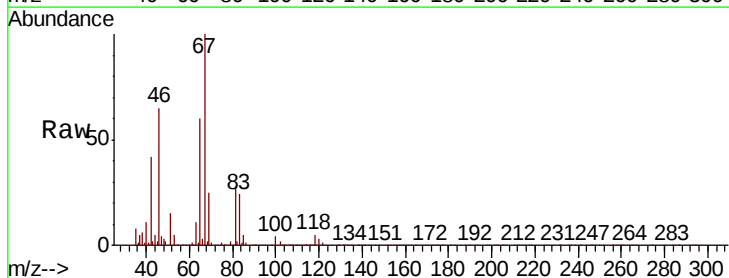
Instrument :
MSVOA_R
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C0JE7

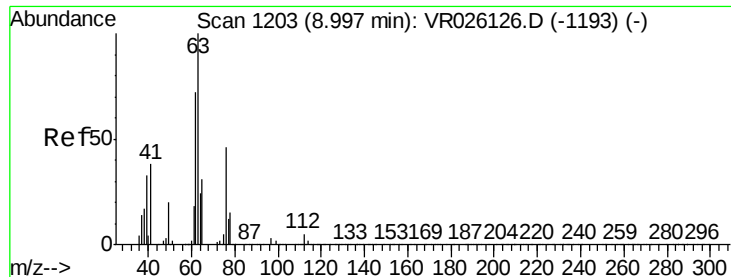
Tgt Ion: 43 Resp: 9700
Ion Ratio Lower Upper
43 100
58 34.0 0.0 55.4



#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026138.D
Acq: 18 Oct 2018 17:20

Tgt Ion: 83 Resp: 44069
Ion Ratio Lower Upper
83 100
55 1.8 66.8 100.2#
98 2.3 35.2 52.8#





#37

1,2-Dichloropropane

Concen: 0.693 ug/L

RT: 8.91 min Scan# 1188

Delta R.T. -0.09 min

Lab File: VR026138.D

Acq: 18 Oct 2018 17:20

Instrument :

MSVOA_R

ClientSampleId :

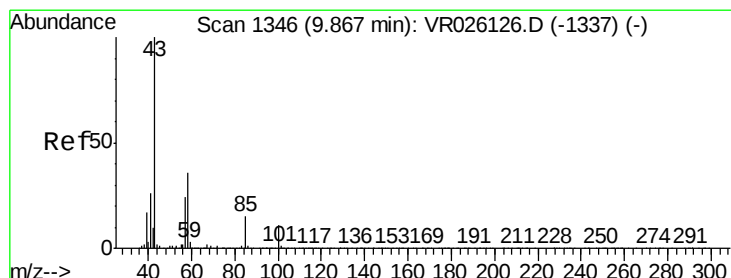
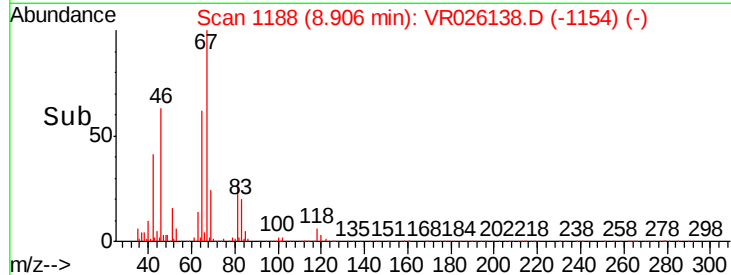
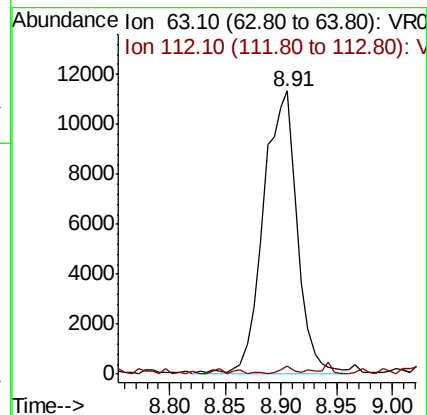
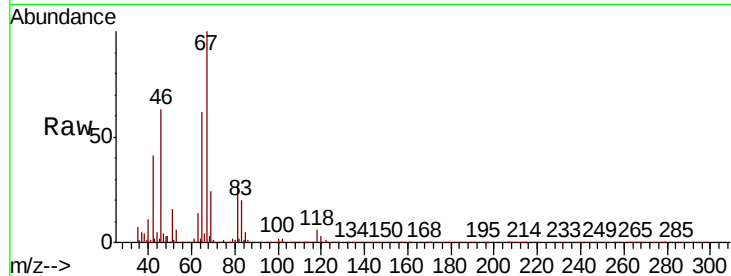
C0JE7

Tgt Ion: 63 Resp: 23917

Ion Ratio Lower Upper

63 100

112 1.2 2.7 4.1#



#40

4-Methyl-2-pentanone

Concen: 1.230 ug/L

RT: 9.81 min Scan# 1337

Delta R.T. -0.05 min

Lab File: VR026138.D

Acq: 18 Oct 2018 17:20

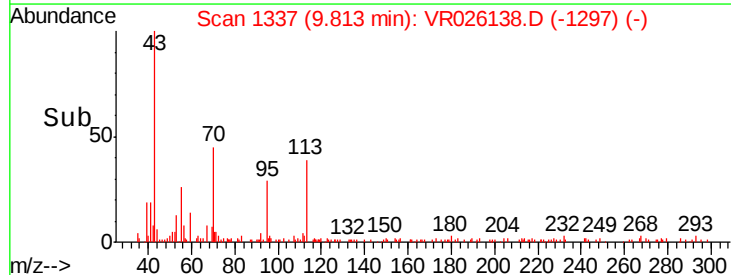
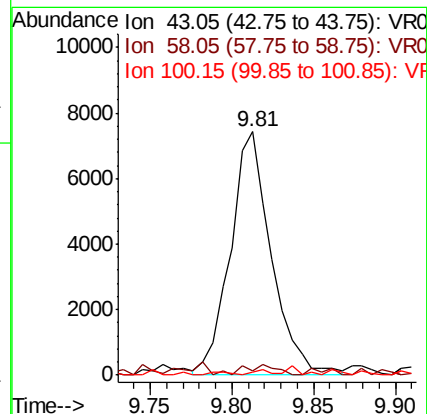
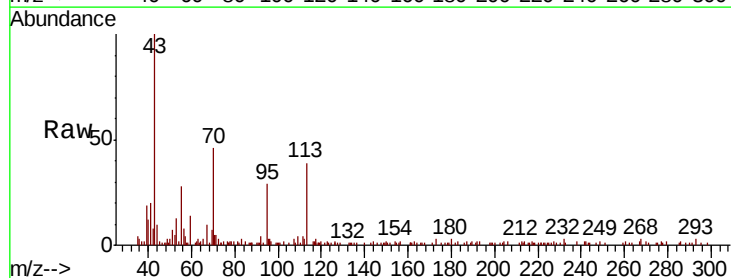
Tgt Ion: 43 Resp: 12963

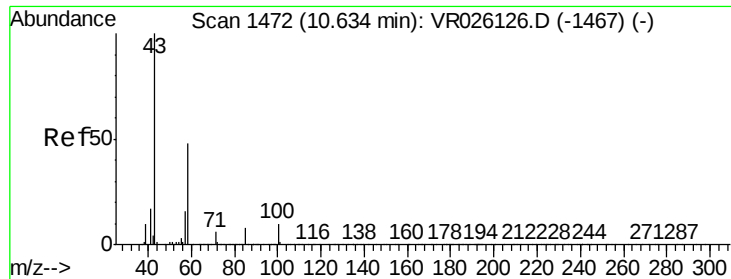
Ion Ratio Lower Upper

43 100

58 3.1 28.1 42.1#

100 0.0 9.3 13.9#





#48

2-Hexanone

Concen: 3.999 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026138.D

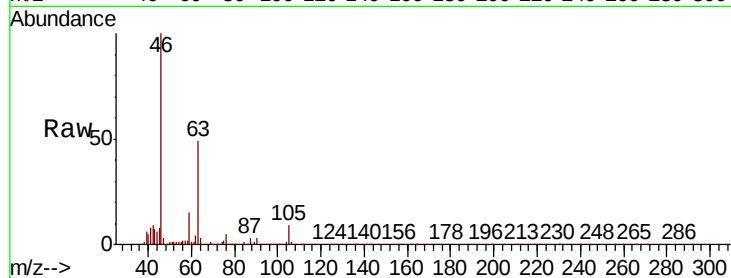
Acq: 18 Oct 2018 17:20

Instrument :

MSVOA_R

ClientSampleId :

C0JE7



Tgt Ion:	43	Resp:	27528
Ion	Ratio	Lower	Upper
43	100		
58	28.0	39.6	59.4#
57	26.4	14.0	21.0#
100	5.5	7.0	10.6#

