

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061918\
 Data File : VR025364.D
 Acq On : 19 Jun 2018 14:15
 Operator : SY/MD
 Sample : J3473-21
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Jun 20 01:37:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 20 01:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	548787	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	467218	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	161794	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	87018	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	2.64	69	68247	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	3.64	63	177822	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	6.60	46	297024	59.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.56%
24) Chloroform-d	7.21	84	363805	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	7.90	65	157214	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
32) Benzene-d6	7.86	84	786315	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	8.90	67	236724	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	9.97	98	700317	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	10.24	79	49905	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	10.59	63	257410	61.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.84%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	104698	5.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	159658	5.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.40%

Target Compounds

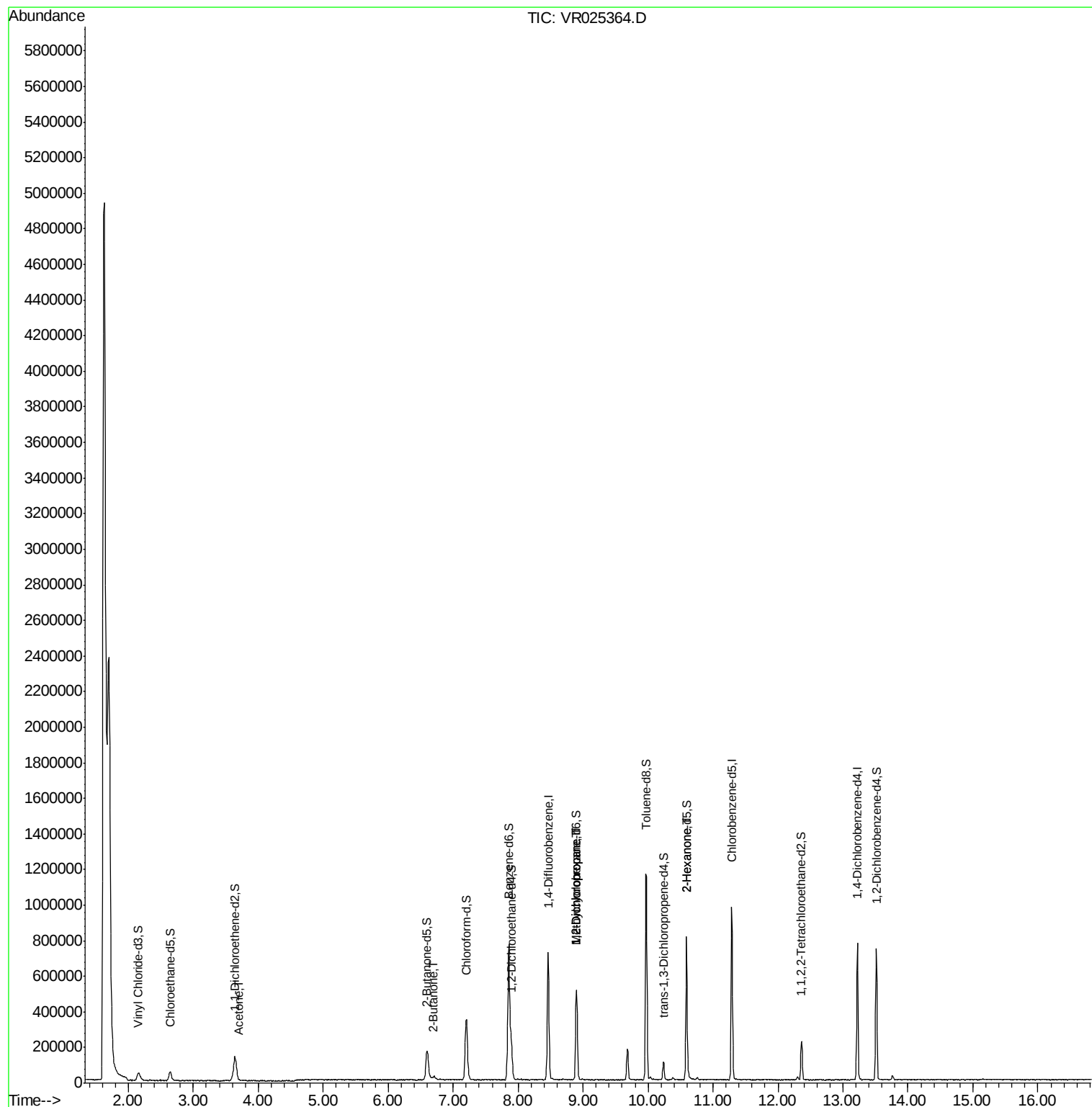
					Qvalue
13) Acetone	3.71	43	1204	0.532 ug/L	85
21) 2-Butanone	6.69	43	1426	0.267 ug/L	82
35) Methylcyclohexane	8.90	83	55687	0.795 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	23816	0.584 ug/L #	94
48) 2-Hexanone	10.59	43	32898	3.911 ug/L #	67

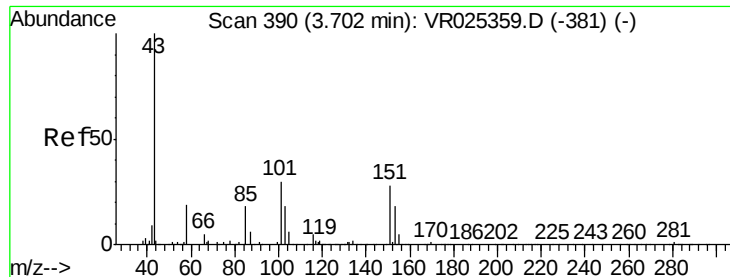
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.532 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

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Acq: 19 Jun 2018 14:15

Instrument :

MSVOA_R

ClientSampled :

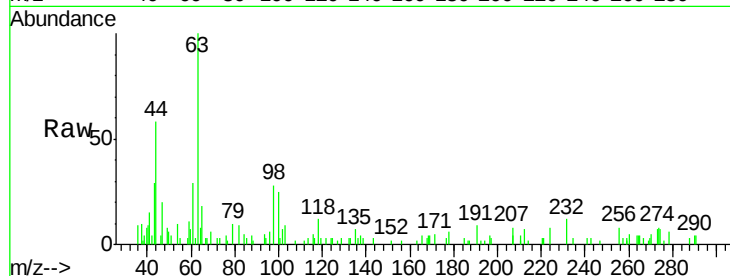
VHBLK01

Tgt Ion: 43 Resp: 1204

Ion Ratio Lower Upper

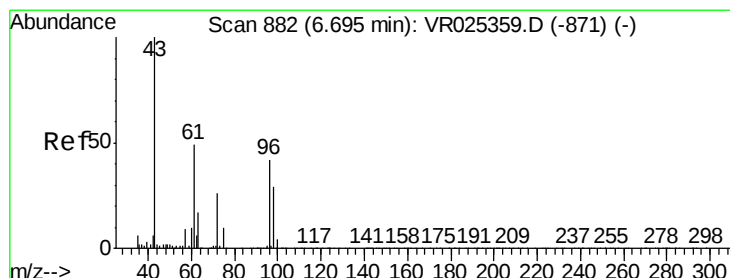
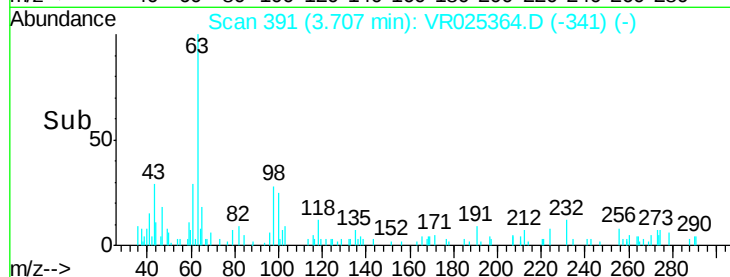
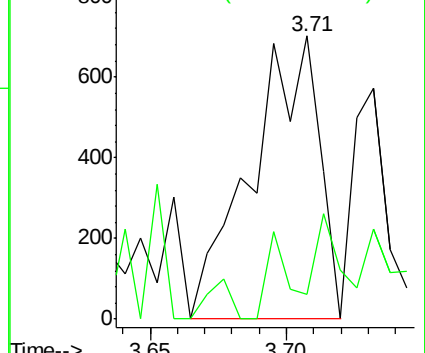
43 100

58 14.0 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.267 ug/L

RT: 6.69 min Scan# 882

Delta R.T. -0.00 min

Lab File: VR025364.D

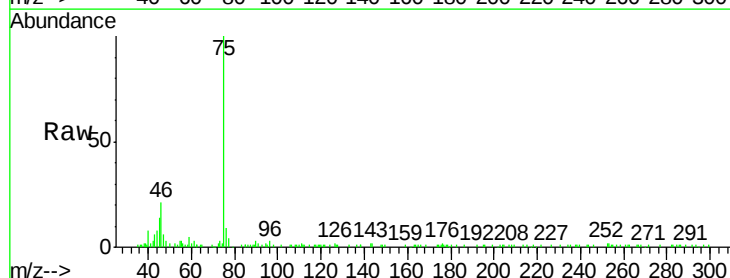
Acq: 19 Jun 2018 14:15

Tgt Ion: 43 Resp: 1426

Ion Ratio Lower Upper

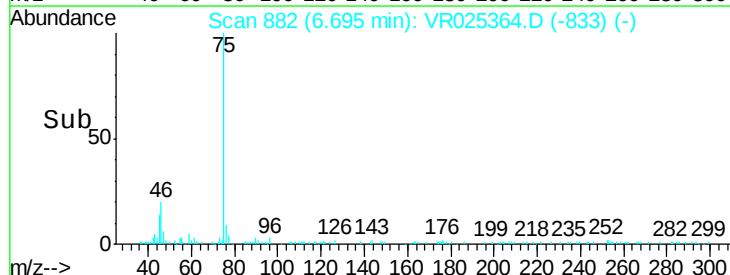
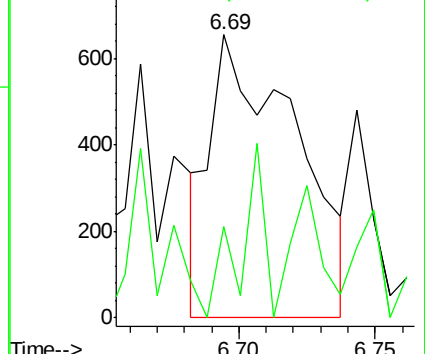
43 100

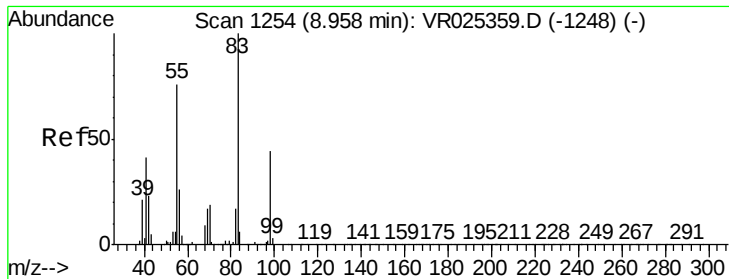
72 17.0 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#35

Methylcyclohexane

Concen: 0.795 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

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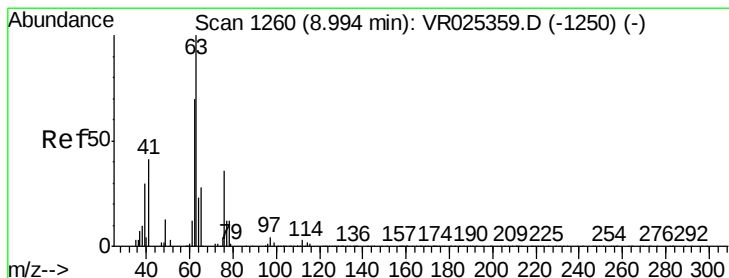
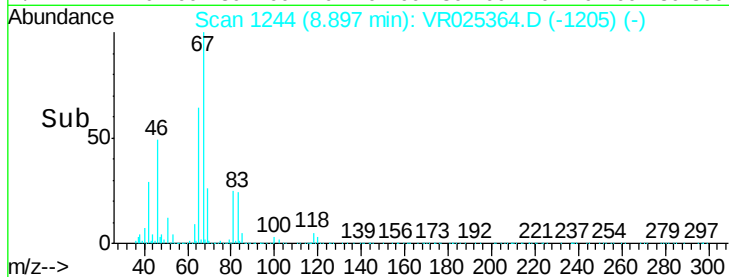
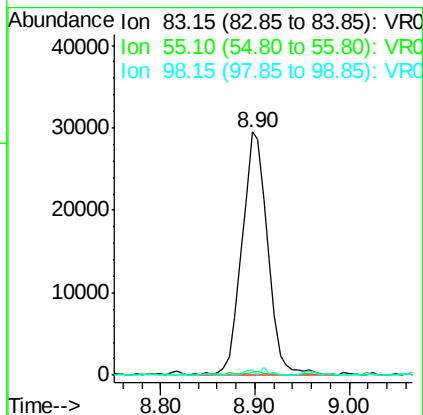
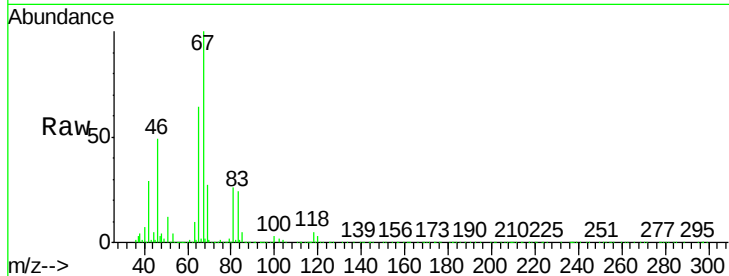
Instrument :

MSVOA_R

ClientSampleId :

VHBLK01

Tgt Ion:	83	Resp:	55687
Ion	Ratio	Lower	Upper
83	100		
55	0.5	66.1	99.1#
98	1.1	36.2	54.4#



#37

1,2-Dichloropropane

Concen: 0.584 ug/L

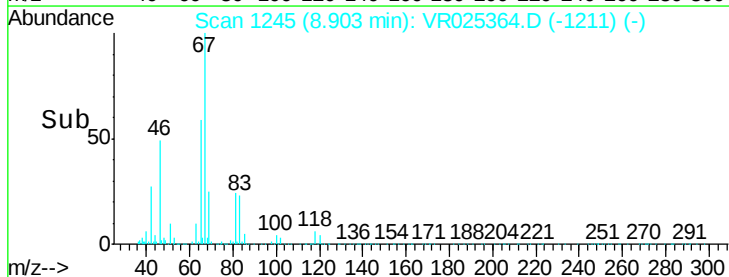
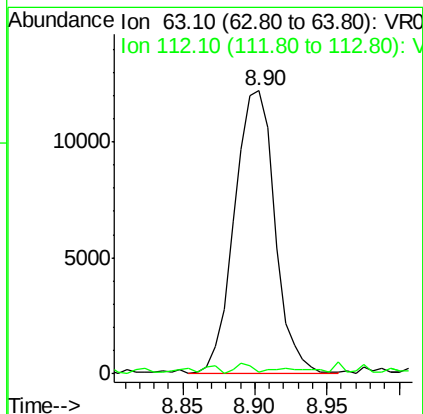
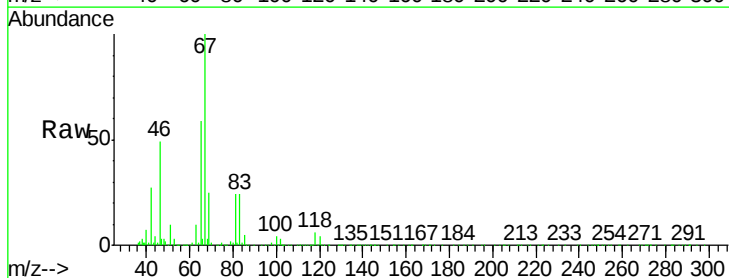
RT: 8.90 min Scan# 1245

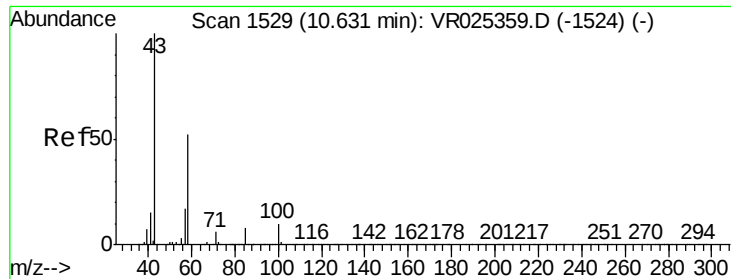
Delta R.T. -0.09 min

Lab File: VR025364.D

Acq: 19 Jun 2018 14:15

Tgt Ion:	63	Resp:	23816
Ion	Ratio	Lower	Upper
63	100		
112	1.6	2.9	4.3#





#48

2-Hexanone

Concen: 3.911 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025364.D

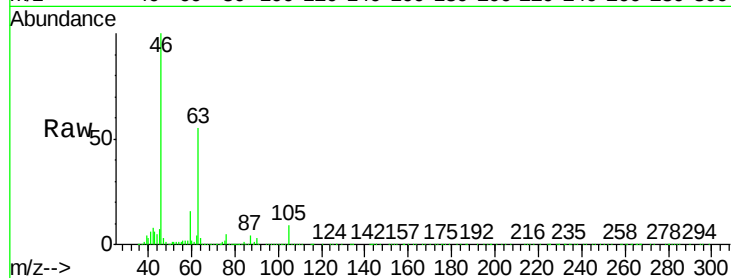
Acq: 19 Jun 2018 14:15

Instrument :

MSVOA_R

ClientSampleId :

VHBLK01



Tgt Ion:	43	Resp:	32898
Ion	Ratio	Lower	Upper
43	100		
58	27.3	43.1	64.7#
57	32.1	15.3	22.9#
100	3.6	7.9	11.9#

