

Data File : VR026187.D
Acq On : 6 Nov 2018 11:33
Operator : SY/MD
Sample : VR1106WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK92

Quant Time: Nov 06 15:54:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 15:50:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	593466	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	478948	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	149210	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	300468	5.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.60%
7) Chloroethane-d5	2.62	69	253850	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	3.61	63	544952	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	6.59	46	205789	48.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.52%
24) Chloroform-d	7.20	84	413248	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	7.90	65	167983	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	7.85	84	847674	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	8.90	67	221502	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	9.97	98	801297	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
43) trans-1,3-Dichloropropene-	10.24	79	54082	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	10.59	63	155947	51.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76592	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	135918	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

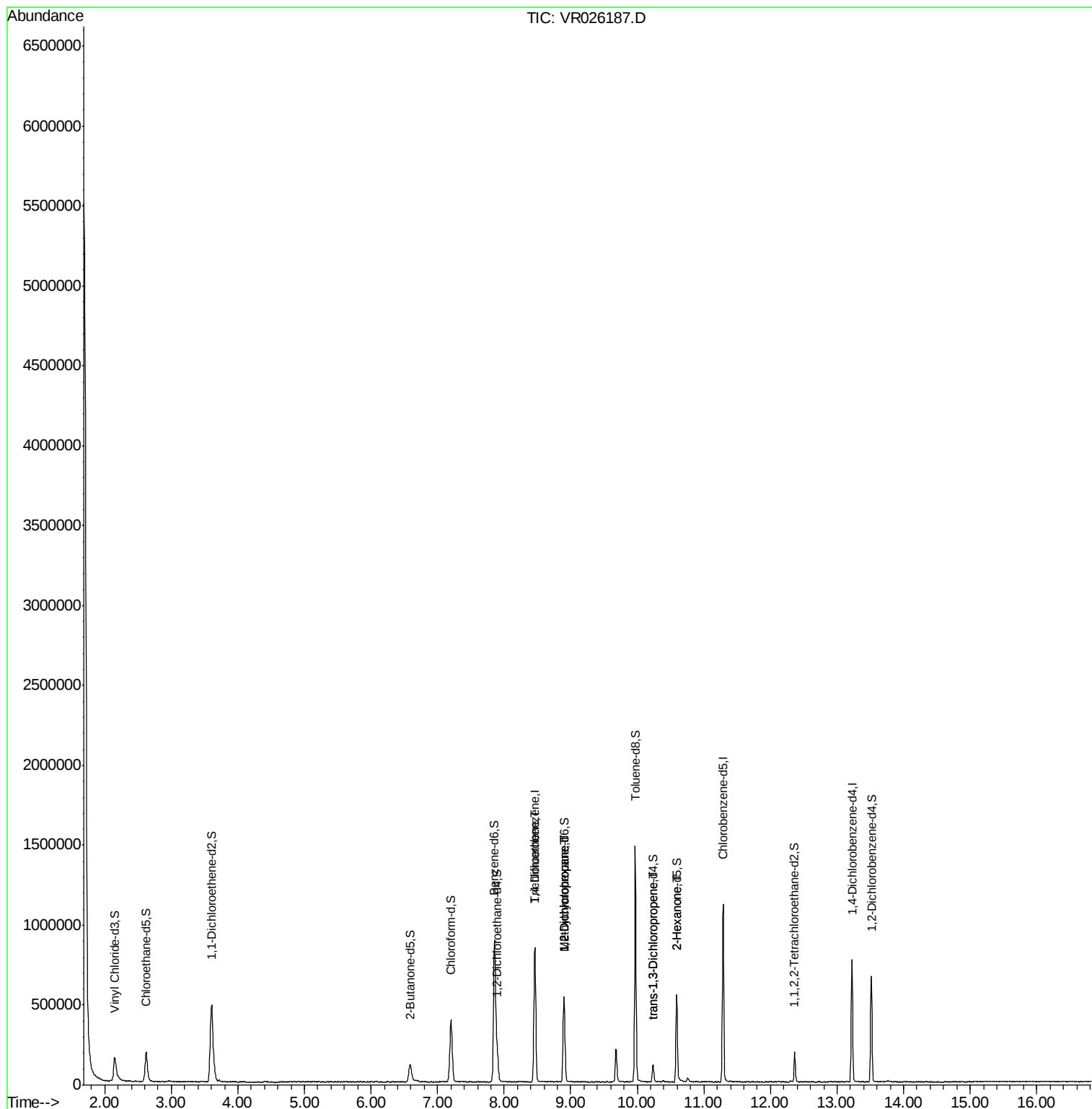
					Qvalue	
34) Trichloroethene	8.46	95	19372	0.421	ug/L #	9
35) Methylcyclohexane	8.90	83	50753	0.741	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	26298	0.694	ug/L #	91
44) trans-1,3-Dichloropropene	10.24	75	3207	0.106	ug/L	91
48) 2-Hexanone	10.59	43	24331	3.217	ug/L #	65

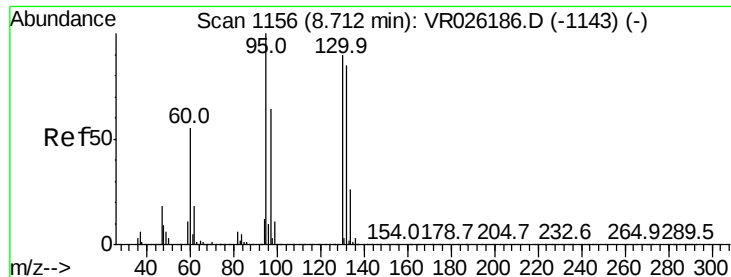
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.421 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

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MSVOA_R

ClientSampleId :

VBLK92

Tgt Ion: 95 Resp: 19372

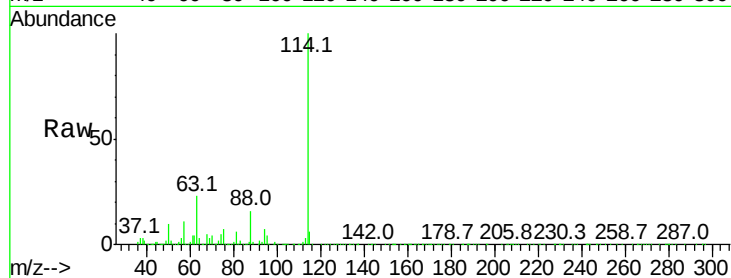
Ion Ratio Lower Upper

95 100

97 0.0 45.7 84.9#

132 0.0 58.3 108.3#

130 0.5 64.0 119.0#

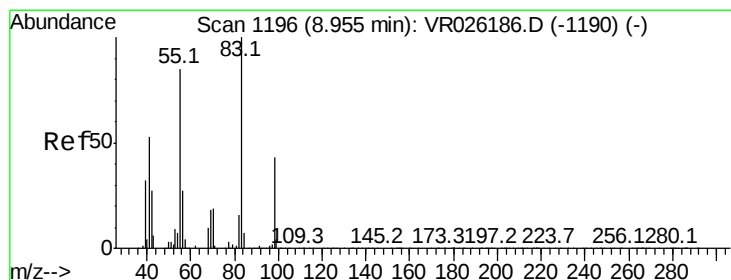
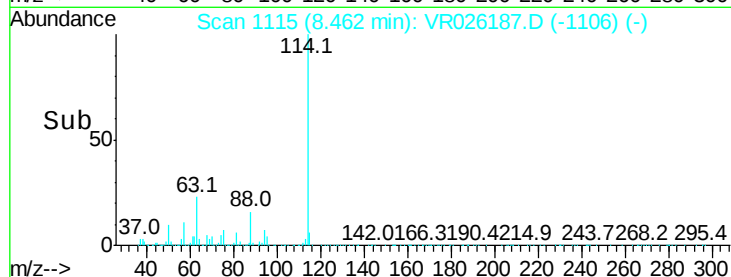
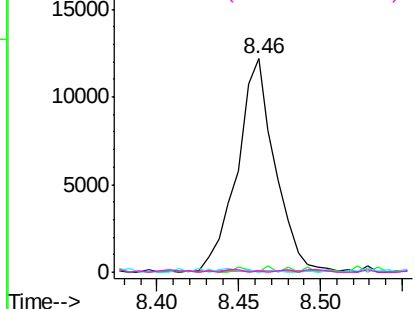


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.741 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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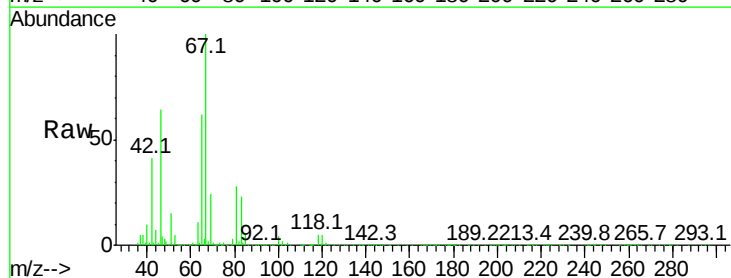
Tgt Ion: 83 Resp: 50753

Ion Ratio Lower Upper

83 100

55 0.7 66.8 100.2#

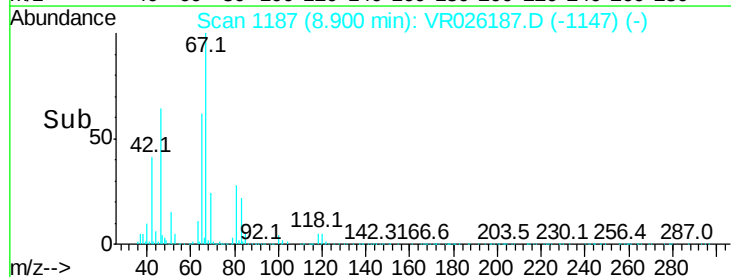
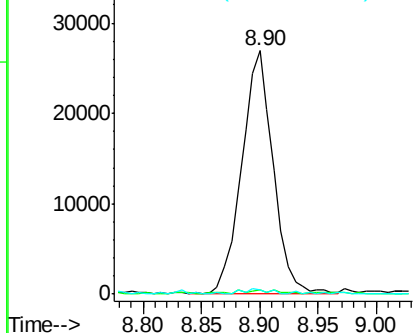
98 1.9 35.2 52.8#

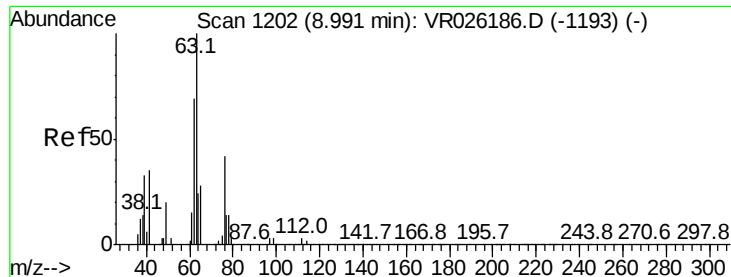


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.694 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

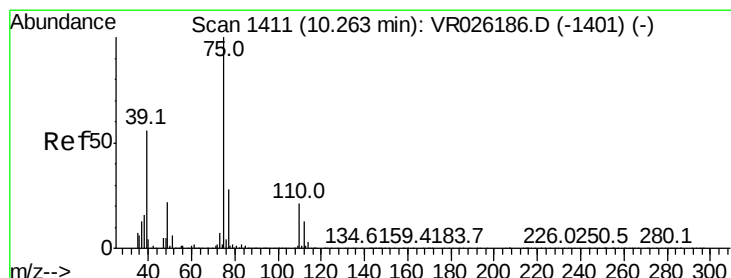
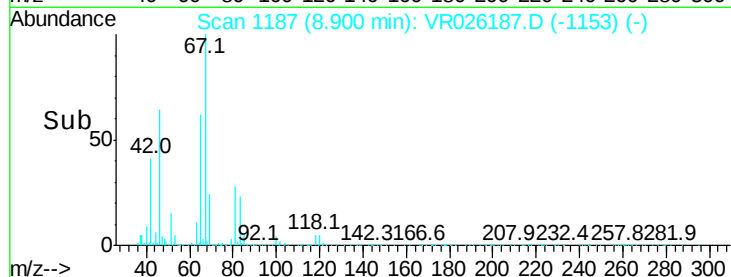
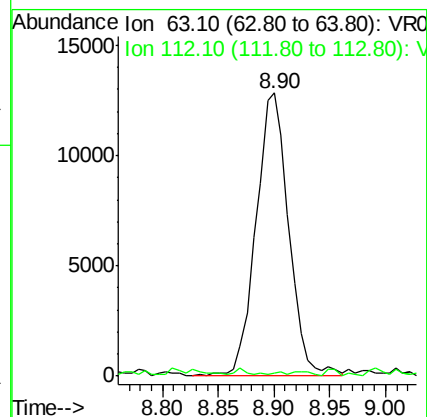
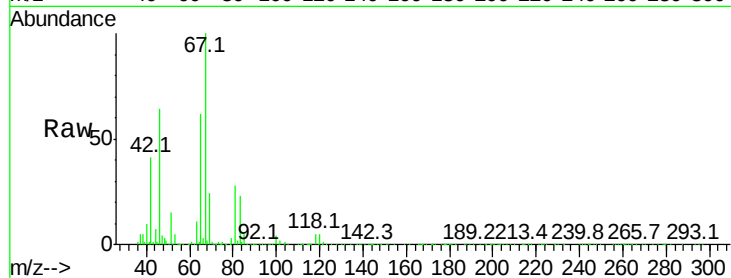
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Tgt Ion: 63 Resp: 26298

Ion	Ratio	Lower	Upper
63	100		
112	0.4	2.7	4.1#



#44

trans-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 10.24 min Scan# 1408

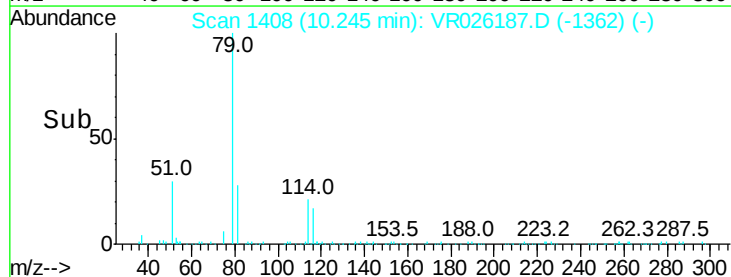
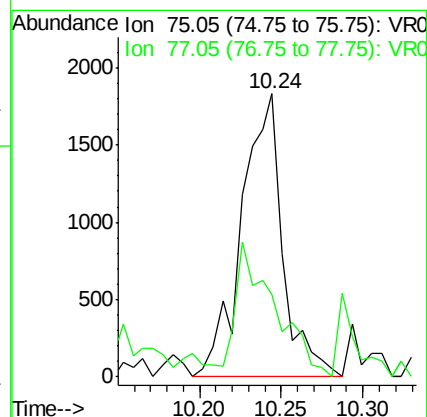
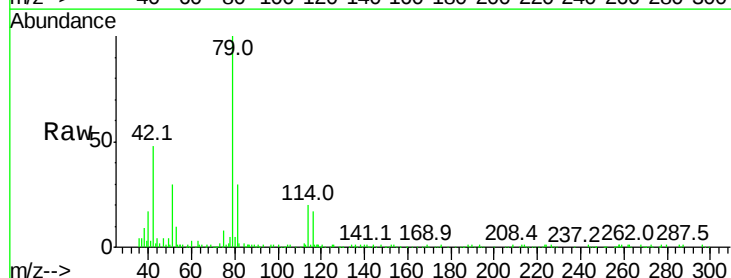
Delta R.T. -0.02 min

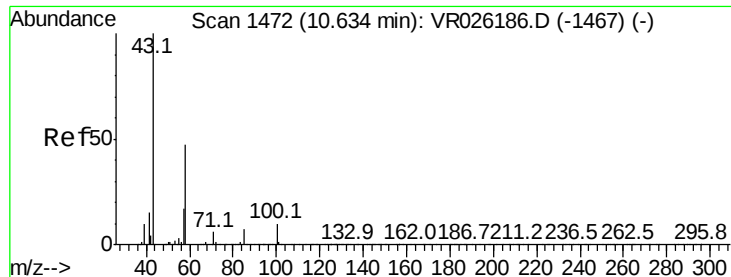
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Tgt Ion: 75 Resp: 3207

Ion	Ratio	Lower	Upper
75	100		
77	29.3	24.1	44.7





#48

2-Hexanone

Concen: 3.217 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

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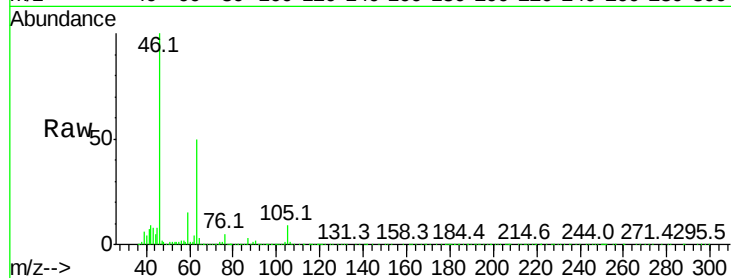
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Instrument :

MSVOA_R

ClientSampleId :

VBLK92



Tgt Ion:	43	Resp:	24331
Ion	Ratio	Lower	Upper
43	100		
58	21.9	39.6	59.4#
57	30.2	14.0	21.0#
100	1.7	7.0	10.6#

