

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071918\
 Data File : VR025526.D
 Acq On : 19 Jul 2018 17:48
 Operator : SY/MD
 Sample : J3960-14
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AJ6

Quant Time: Jul 20 01:24:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 01:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	586244	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	485980	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	158153	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	105167	6.51	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.20%#
7) Chloroethane-d5	2.64	69	75066	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	3.63	63	216804	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	6.60	46	262887	52.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	7.21	84	424017	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	7.90	65	161447	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	7.86	84	930311	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	8.90	67	265996	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	9.97	98	833154	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
43) trans-1,3-Dichloropropene-	10.24	79	59572	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	10.59	63	228855	56.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	107499	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	174823	6.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	134.00%#

Target Compounds

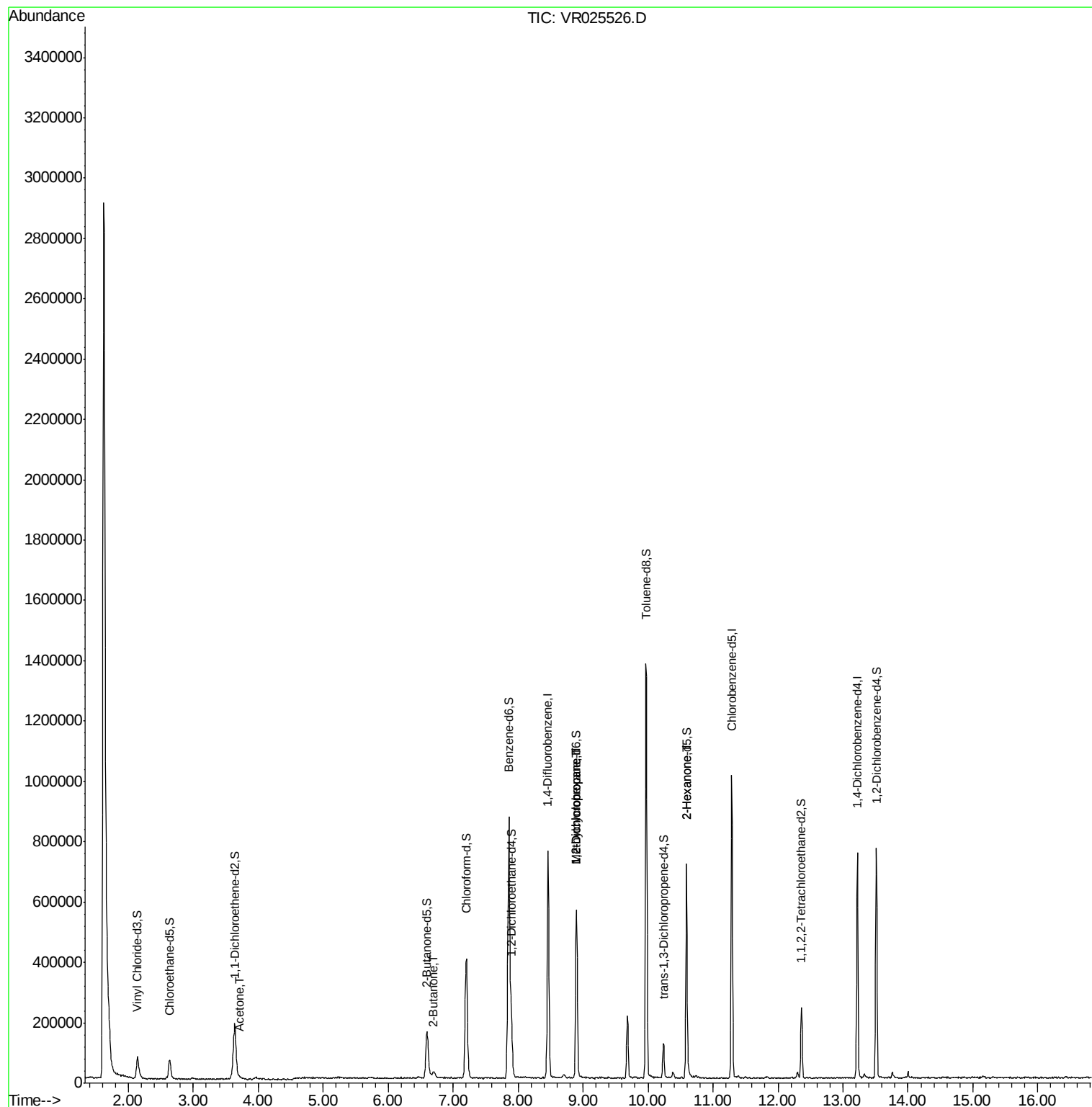
					Qvalue
13) Acetone	3.71	43	10911	4.824 ug/L	98
21) 2-Butanone	6.69	43	1877	0.356 ug/L	100
35) Methylcyclohexane	8.90	83	58299	1.023 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	27618	0.709 ug/L #	92
48) 2-Hexanone	10.59	43	28042	3.613 ug/L #	71

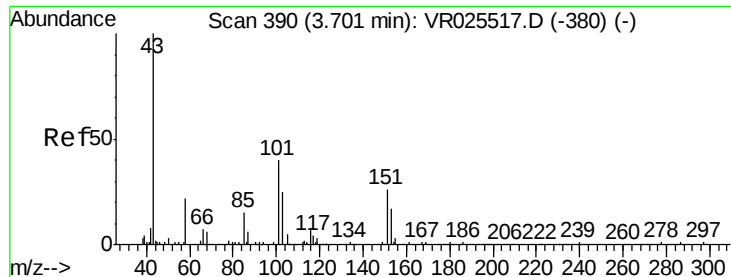
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.824 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

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MSVOA_R

ClientSampleId :

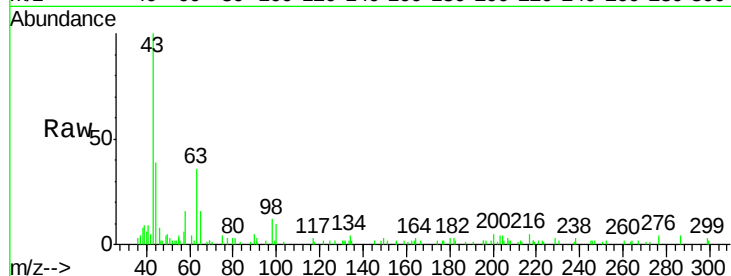
C0AJ6

Tgt Ion: 43 Resp: 10911

Ion Ratio Lower Upper

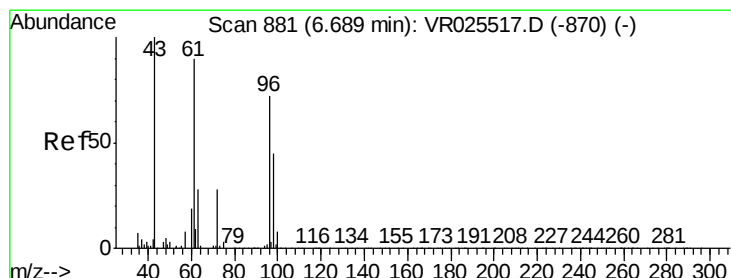
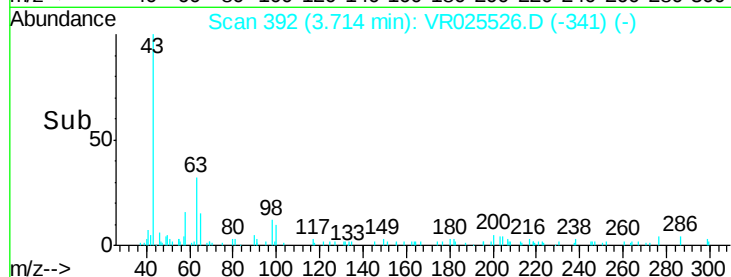
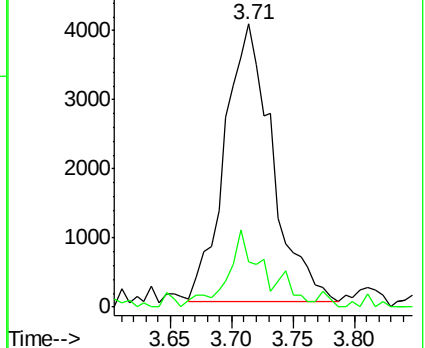
43 100

58 21.7 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: 0.356 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025526.D

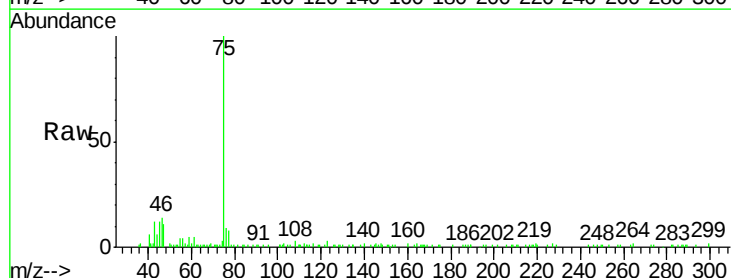
Acq: 19 Jul 2018 17:48

Tgt Ion: 43 Resp: 1877

Ion Ratio Lower Upper

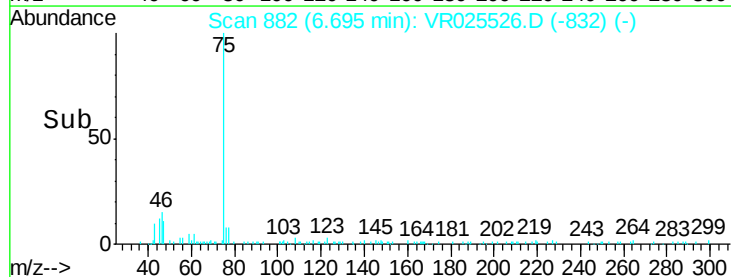
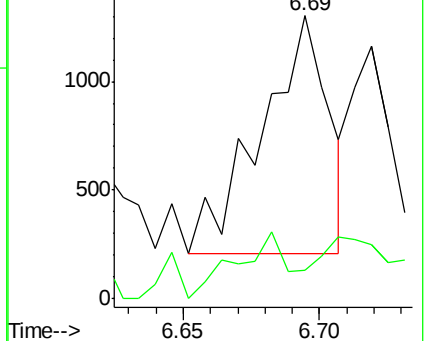
43 100

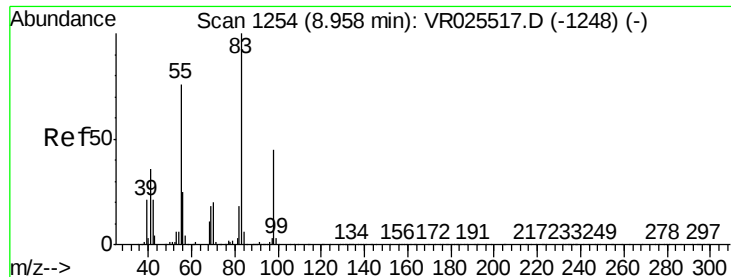
72 26.1 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

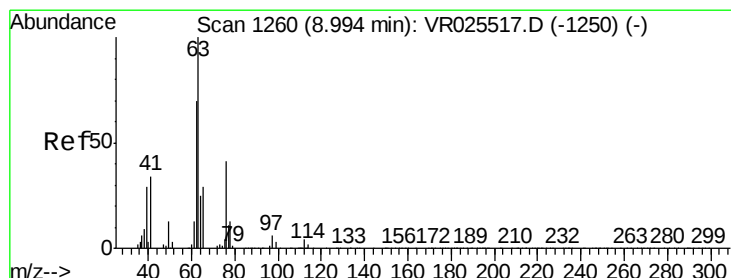
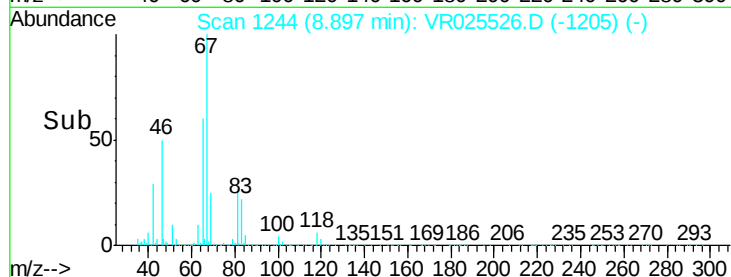
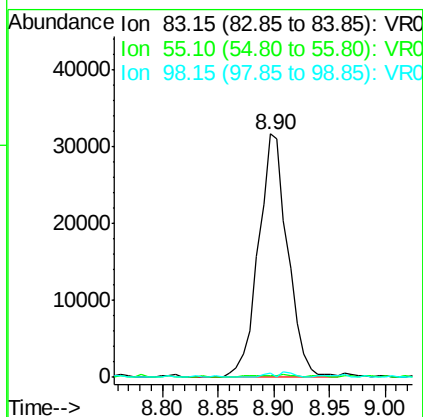
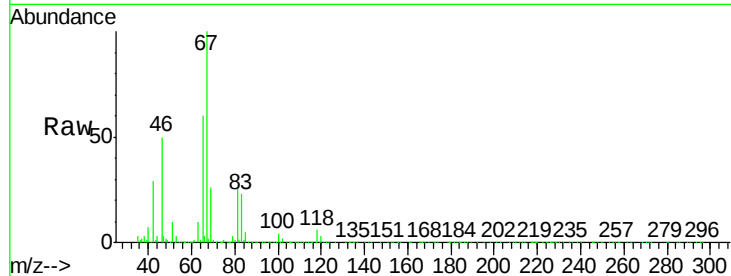




#35
Methylcyclohexane
Concen: 1.023 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025526.D
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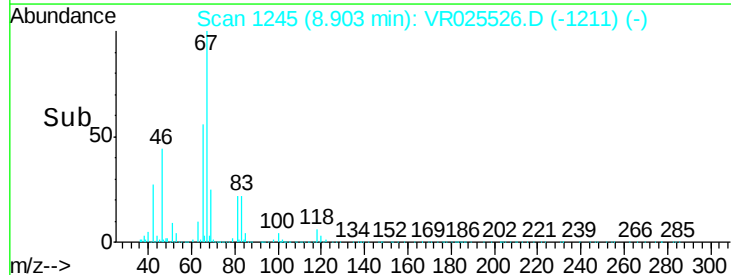
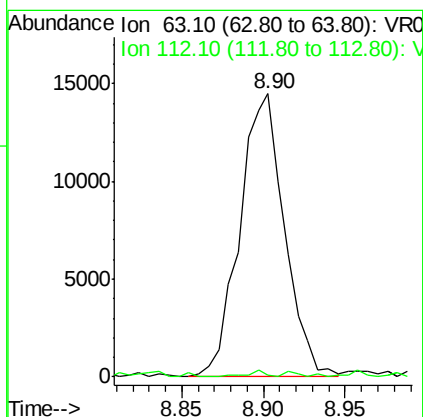
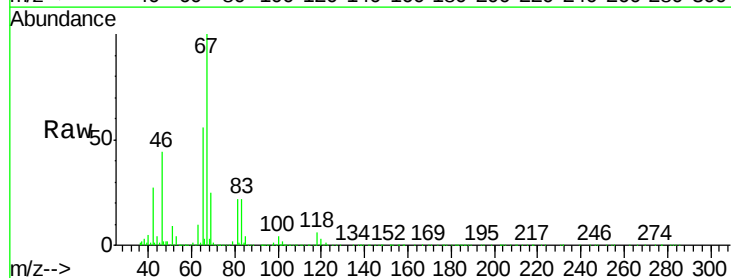
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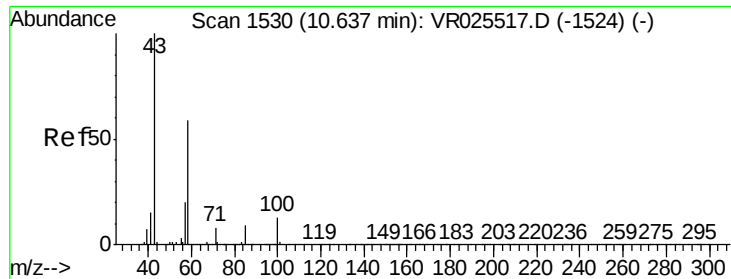
Tgt Ion: 83 Resp: 58299
Ion Ratio Lower Upper
83 100
55 0.9 66.1 99.1#
98 0.6 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.709 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VR025526.D
Acq: 19 Jul 2018 17:48

Tgt Ion: 63 Resp: 27618
Ion Ratio Lower Upper
63 100
112 0.9 2.9 4.3#





#48

2-Hexanone

Concen: 3.613 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025526.D

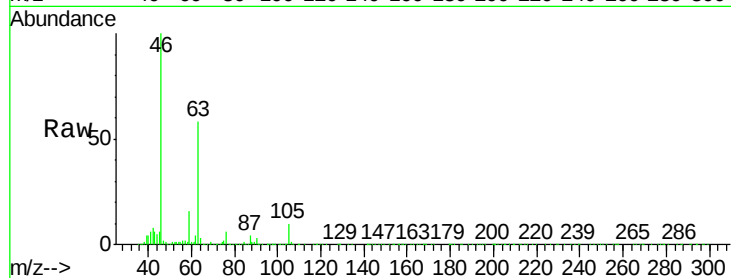
Acq: 19 Jul 2018 17:48

Instrument :

MSVOA_R

ClientSampleId :

C0AJ6



Tgt Ion:	43	Resp:	28042
Ion	Ratio	Lower	Upper
43	100		
58	30.0	43.1	64.7#
57	30.7	15.3	22.9#
100	4.6	7.9	11.9#

