

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061518\
 Data File : VR025309.D
 Acq On : 15 Jun 2018 20:35
 Operator : SY/MD
 Sample : J3549-06
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWE1

Quant Time: Jun 16 05:04:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 15 16:03:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	668749	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	540617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	190627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	100791	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	2.64	69	74518	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	3.63	63	194129	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	6.59	46	304862	49.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.86%
24) Chloroform-d	7.21	84	378309	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	7.90	65	157322	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	7.86	84	845472	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	8.90	67	244036	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	9.97	98	729200	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	10.24	79	55197	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	10.59	63	244312	50.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	96940	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	156598	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

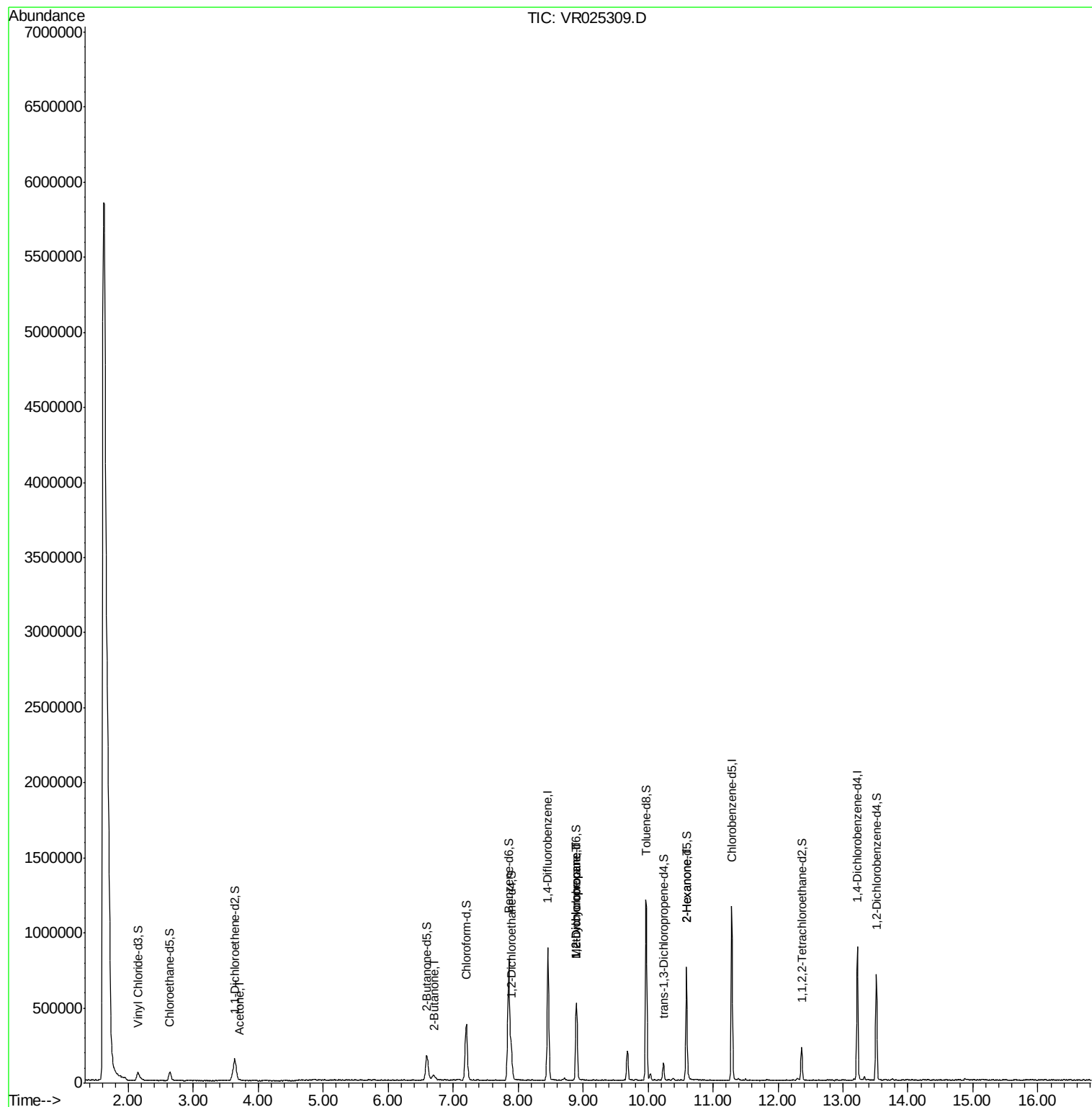
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	3.71	43	6175	2.239	ug/L	88
21) 2-Butanone	6.71	43	16918	2.596	ug/L	99
35) Methylcyclohexane	8.90	83	55500	0.685	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	26736	0.567	ug/L #	92
48) 2-Hexanone	10.59	43	31607	3.247	ug/L #	67

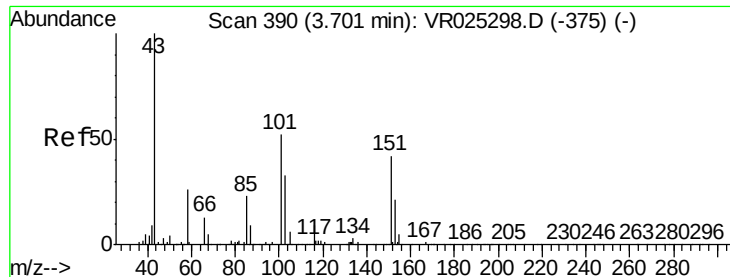
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.239 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

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Acq: 15 Jun 2018 20:35

Instrument :

MSVOA_R

ClientSampled :

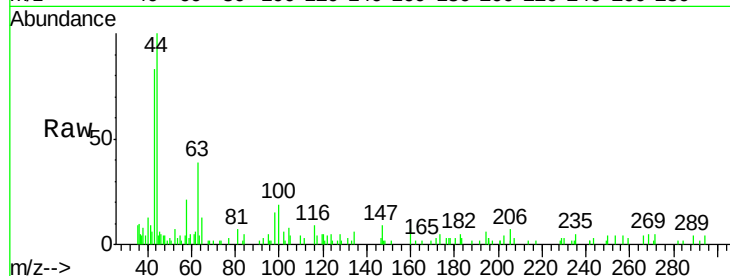
ESWE1

Tgt Ion: 43 Resp: 6175

Ion Ratio Lower Upper

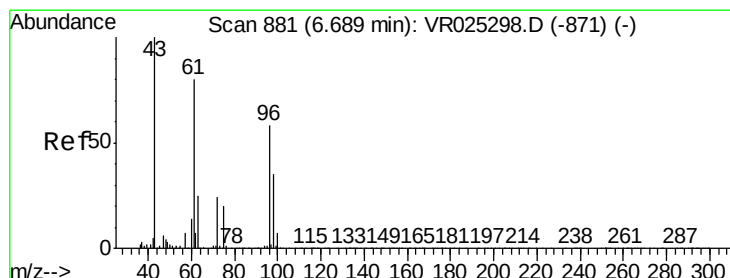
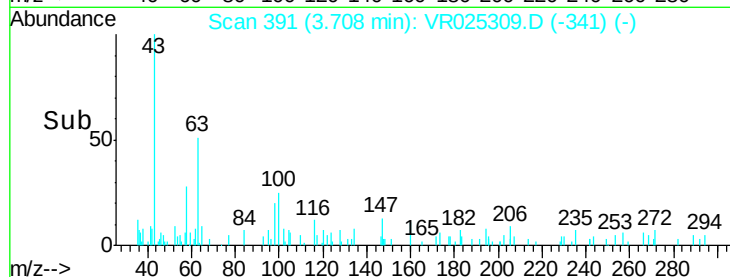
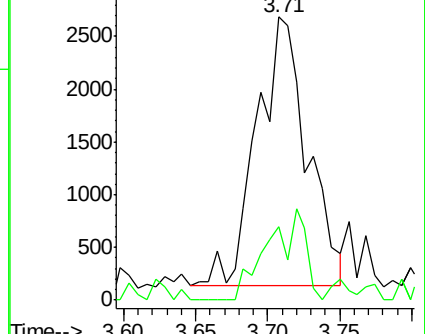
43 100

58 15.4 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: 2.596 ug/L

RT: 6.71 min Scan# 884

Delta R.T. 0.02 min

Lab File: VR025309.D

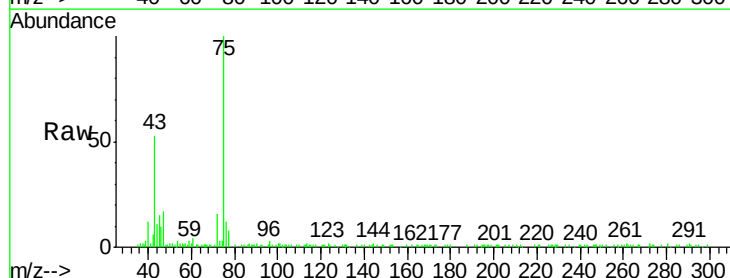
Acq: 15 Jun 2018 20:35

Tgt Ion: 43 Resp: 16918

Ion Ratio Lower Upper

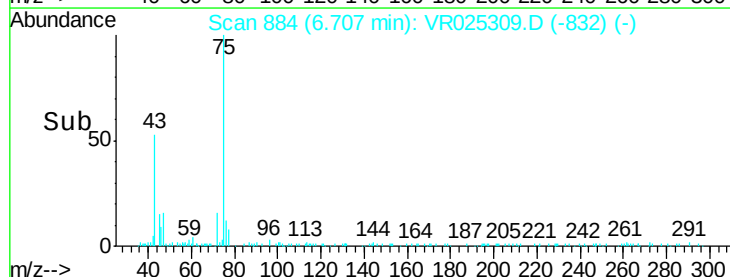
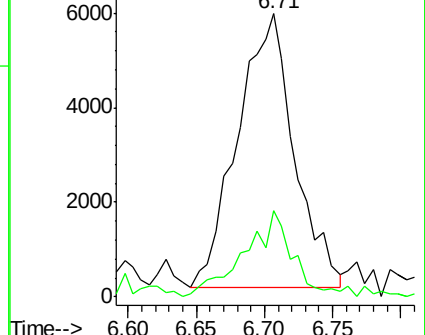
43 100

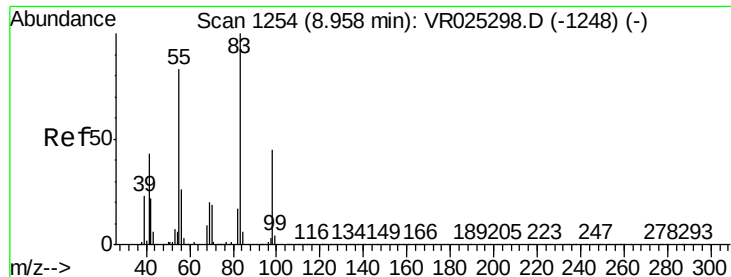
72 26.5 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

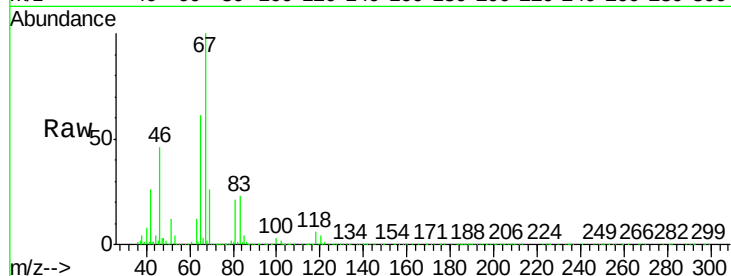




#35
Methylcyclohexane
Concen: 0.685 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025309.D
Acq: 15 Jun 2018 20:35

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MSVOA_R
ClientSampleId :
ESWE1

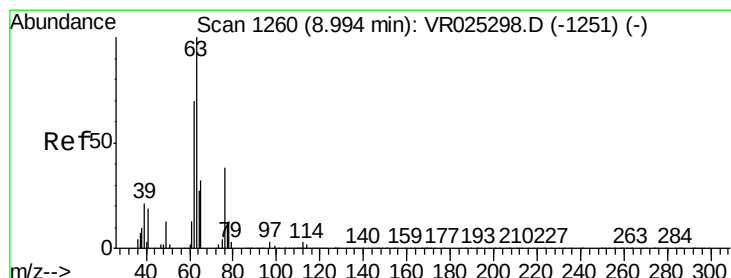
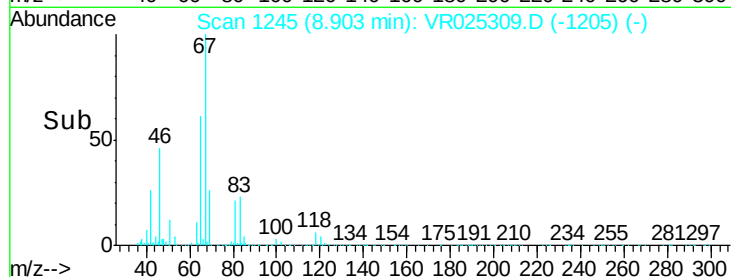
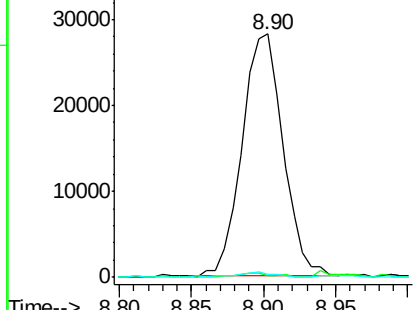
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.5	66.1	99.1#
98	2.3	36.2	54.4#



Abundance Ion 83.15 (82.85 to 83.85): VR0

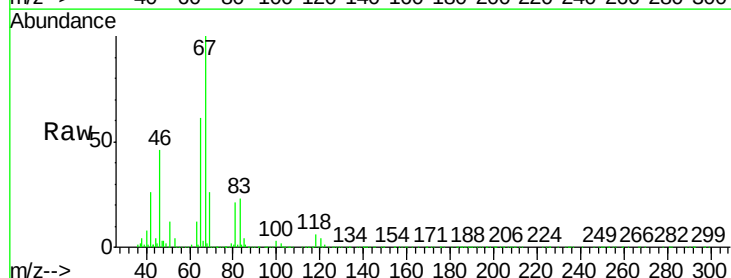
Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



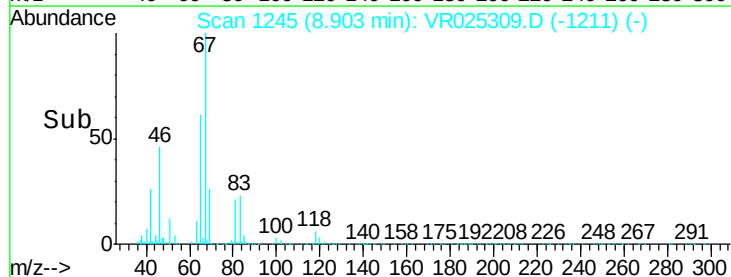
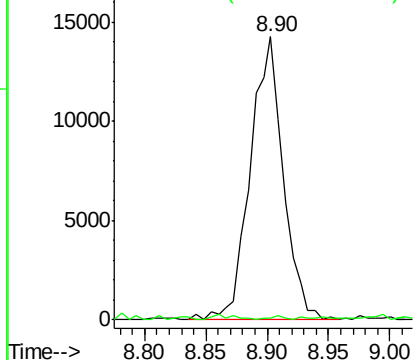
#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VR025309.D
Acq: 15 Jun 2018 20:35

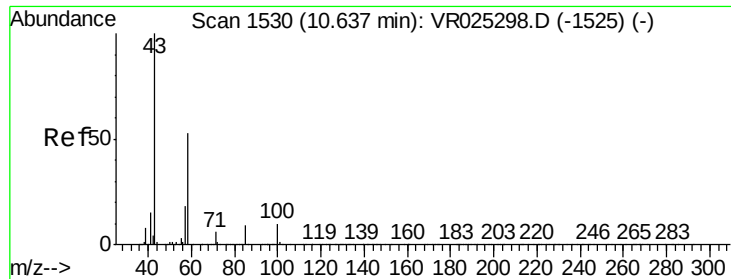
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.8	2.9	4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 3.247 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025309.D

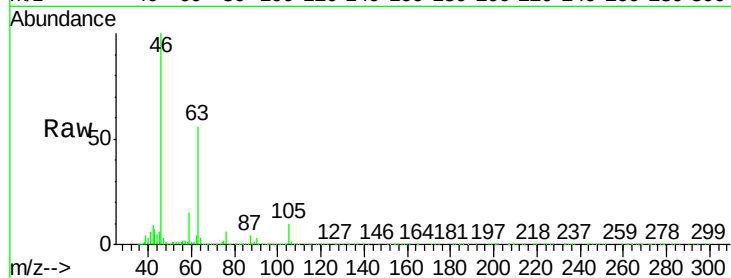
Acq: 15 Jun 2018 20:35

Instrument :

MSVOA_R

ClientSampleId :

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Tgt Ion: 43 Resp: 31607

Ion Ratio Lower Upper

43 100

58 24.6 43.1 64.7#

57 26.8 15.3 22.9#

100 1.6 7.9 11.9#

