

Data File : VU031878.D
Acq On : 10 May 2019 11:08
Operator : JC/SP
Sample : VU0510MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK32

Quant Time: May 11 01:00:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1026953	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1049615	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	399123	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	425966	49.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.12%
7) Chloroethane-d5	1.95	69	255	0.04	ug/L	0.28
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.08%#
11) 1,1-Dichloroethene-d2	2.27	63	577877	33.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.52%
21) 2-Butanone-d5	4.17	46	647448	83.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.14%
24) Chloroform-d	4.64	84	714378	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
26) 1,2-Dichloroethane-d4	5.30	65	469929	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
32) Benzene-d6	5.33	84	1502721	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
36) 1,2-Dichloropropane-d6	6.32	67	499228	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.06%
41) Toluene-d8	7.56	98	1281633	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%
43) trans-1,3-Dichloropropene-	7.85	79	206030	42.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.66%
47) 2-Hexanone-d5	8.31	63	445744	90.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	686339	45.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	426583	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%

Target Compounds

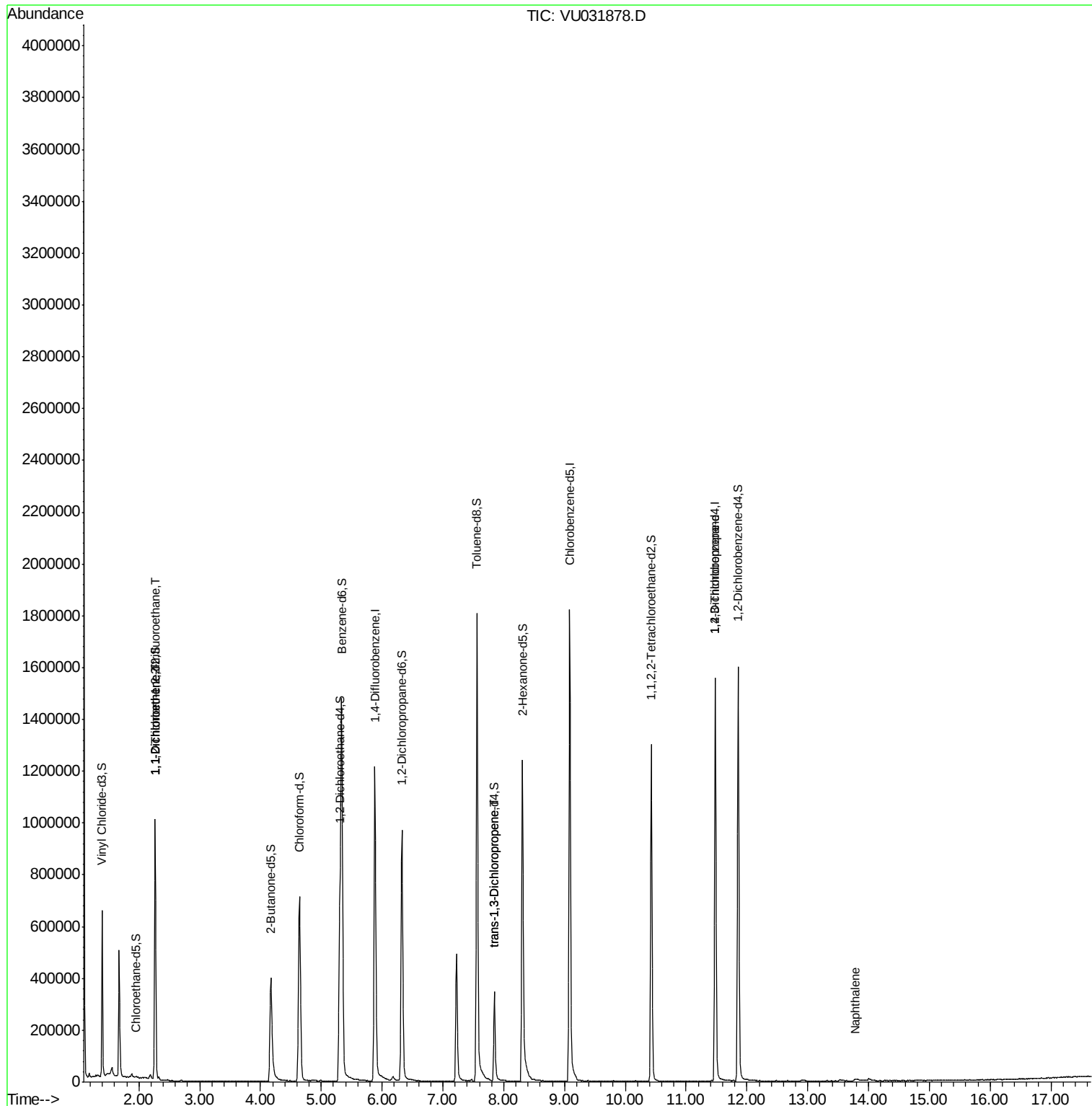
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4871	0.592	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	5178	0.646	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	8518	0.649	ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	54599	4.203	ug/L	96
69) Naphthalene	13.78	128	8419	0.315	ug/L #	80

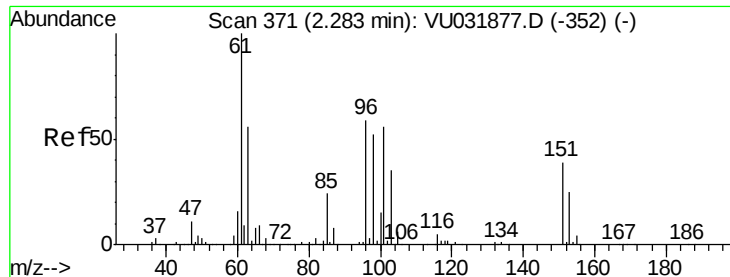
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.592 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK32

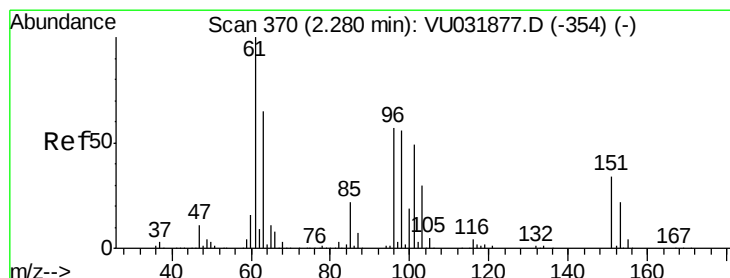
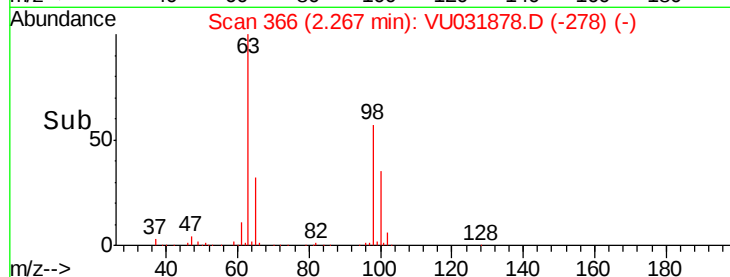
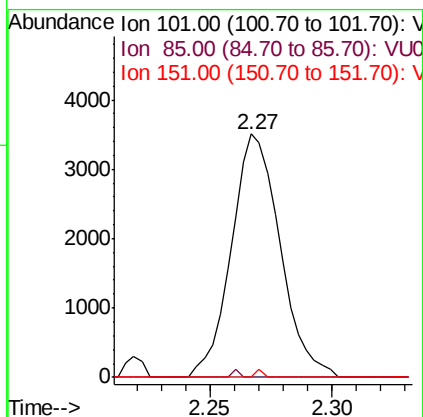
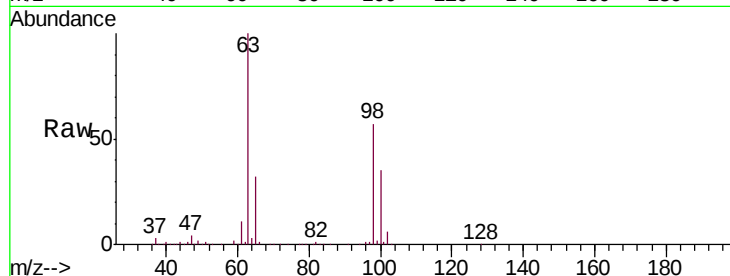
Tgt Ion: 101 Resp: 4871

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.646 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031878.D

Acq: 10 May 2019 11:08

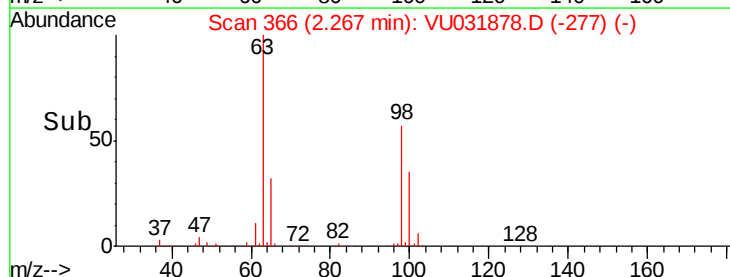
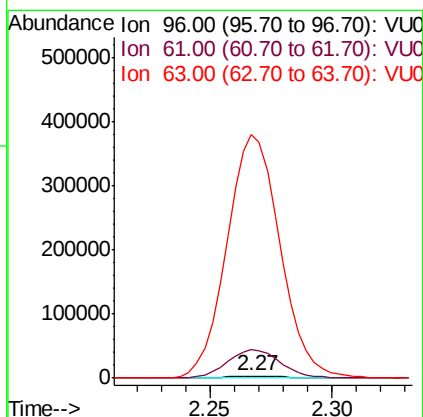
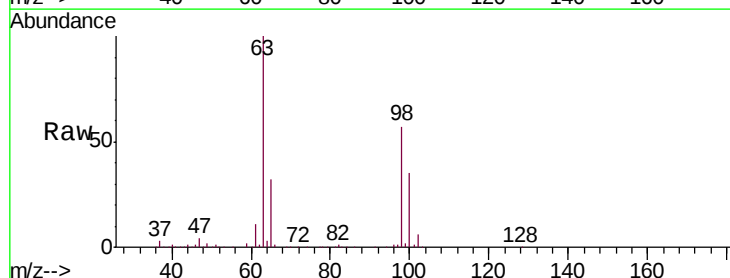
Tgt Ion: 96 Resp: 5178

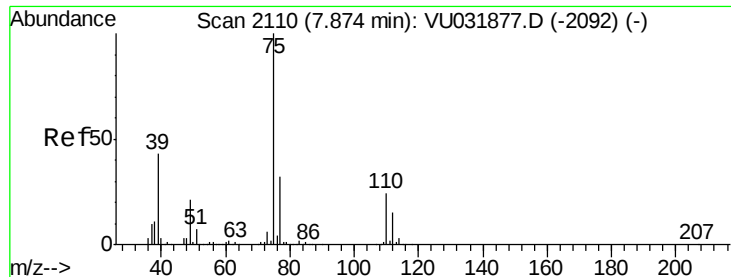
Ion Ratio Lower Upper

96 100

61 1417.0 135.0 250.6#

63 12333.4 103.5 192.3#





#44

trans-1,3-Dichloropropene

Concen: 0.649 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031878.D

Acq: 10 May 2019 11:08

Instrument :

MSVOA_U

ClientSampled :

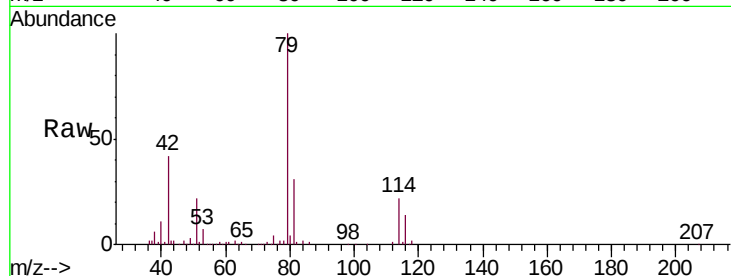
VBLK32

Tgt Ion: 75 Resp: 8518

Ion Ratio Lower Upper

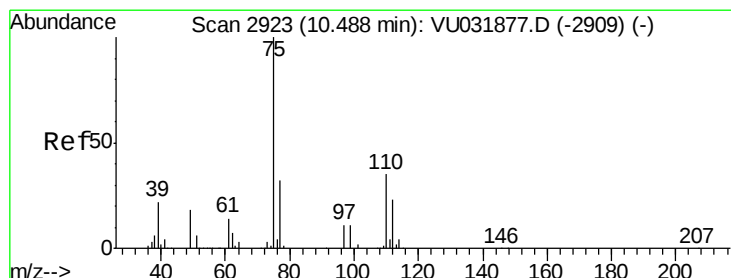
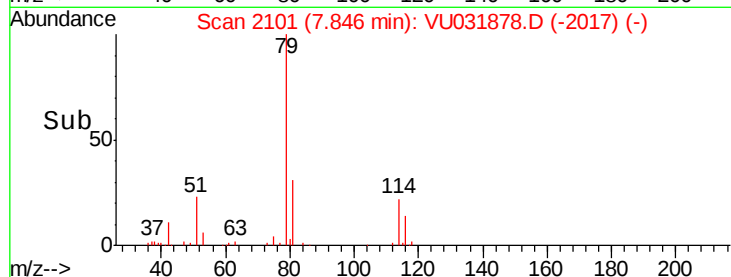
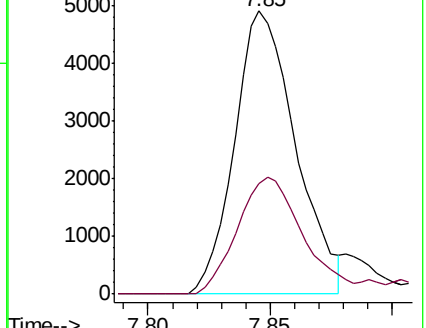
75 100

77 38.9 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031877.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031877.D (-2092) (-)



#59

1,2,3-Trichloropropane

Concen: 4.203 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031878.D

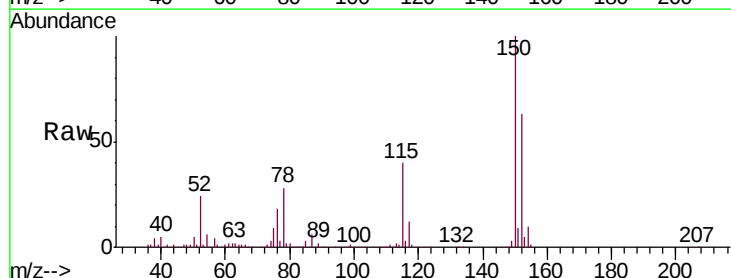
Acq: 10 May 2019 11:08

Tgt Ion: 75 Resp: 54599

Ion Ratio Lower Upper

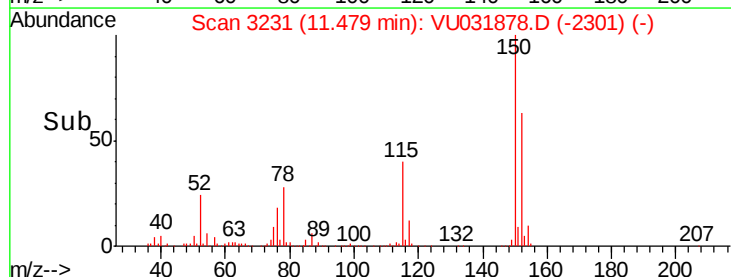
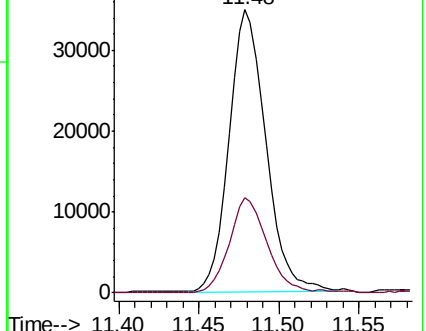
75 100

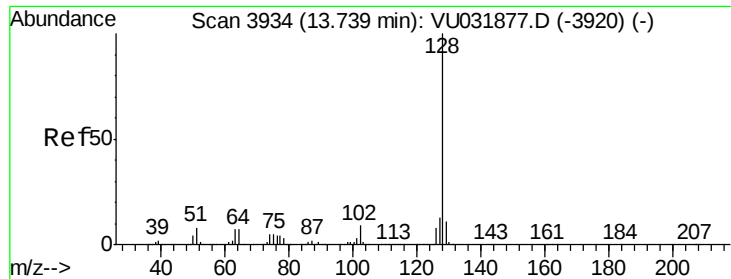
77 34.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU031877.D (-2909) (-)

Ion 77.00 (76.70 to 77.70): VU031877.D (-2909) (-)





#69

Naphthalene

Concen: 0.315 ug/L

RT: 13.78 min Scan# 3948

Delta R.T. 0.05 min

Lab File: VU031878.D

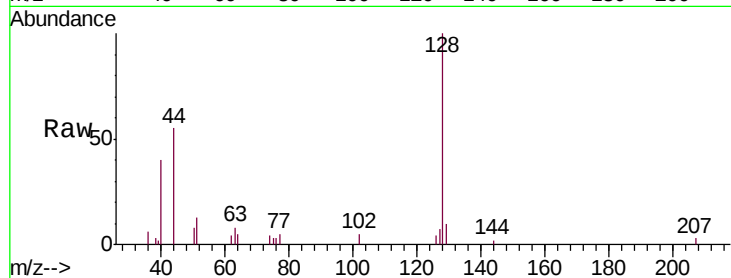
Acq: 10 May 2019 11:08

Instrument :

MSVOA_U

ClientSampleId :

VBLK32



Tgt Ion:128 Resp: 8419

Ion Ratio Lower Upper

128 100

127 5.2 10.6 15.8#

129 3.3 8.7 13.1#

