

Data File : VU031671.D
Acq On : 01 May 2019 10:04
Operator : JC/SP
Sample : VU0501MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Quant Time: May 02 02:26:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	807212	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	761856	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	335683	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	382132	56.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.12%
7) Chloroethane-d5	1.68	69	286467	54.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.74%
11) 1,1-Dichloroethene-d2	2.27	63	533795	39.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.36%
21) 2-Butanone-d5	4.18	46	663223	108.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.35%
24) Chloroform-d	4.64	84	572997	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
26) 1,2-Dichloroethane-d4	5.31	65	386348	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
32) Benzene-d6	5.33	84	1231578	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
36) 1,2-Dichloropropane-d6	6.32	67	416471	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.20%
41) Toluene-d8	7.56	98	1042668	51.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.34%
43) trans-1,3-Dichloropropene-	7.85	79	168138	47.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.18%
47) 2-Hexanone-d5	8.31	63	395028	110.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	530116	47.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	348486	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

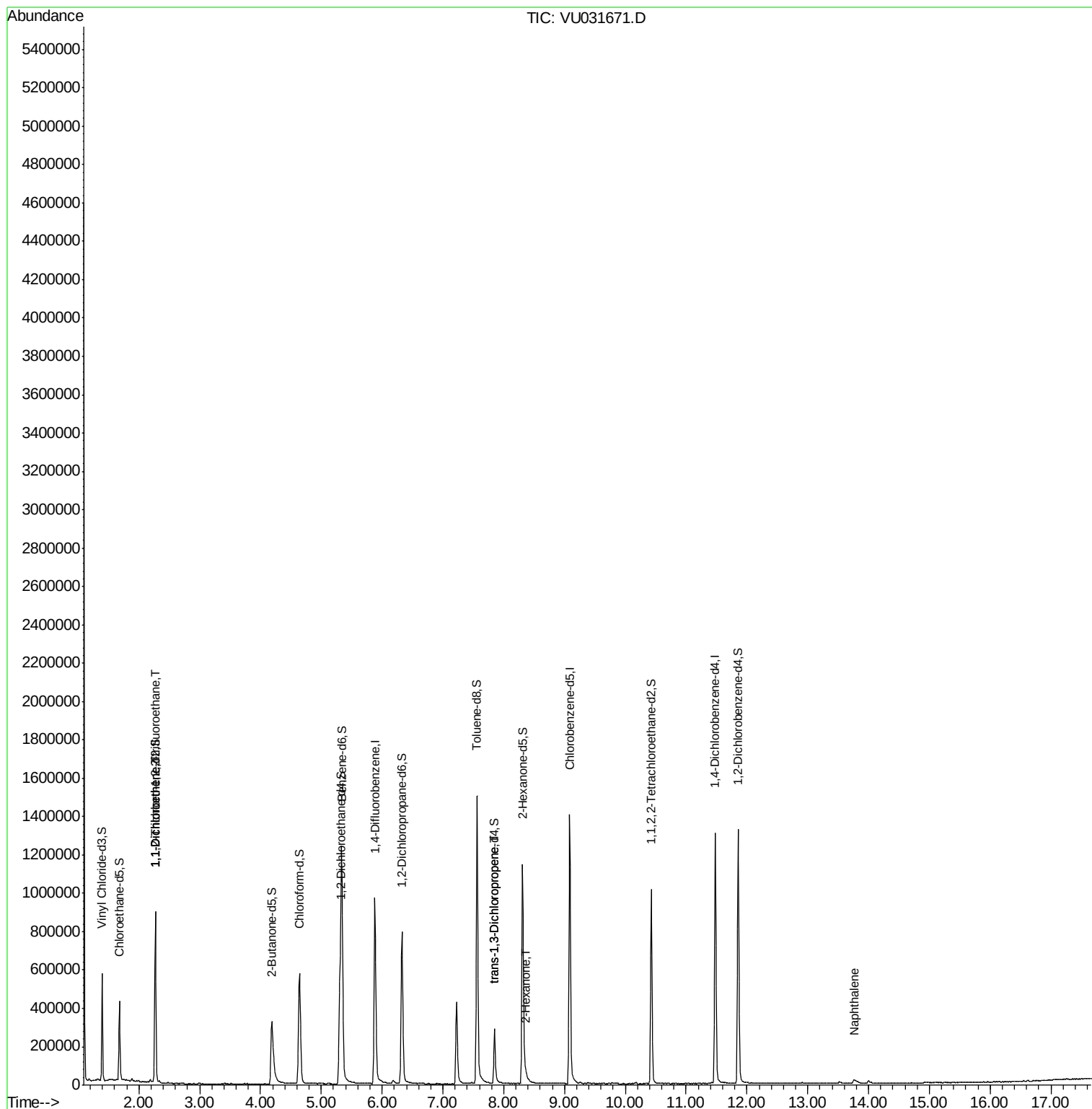
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4671	0.722 ug/L #	25
12) 1,1-Dichloroethene	2.27	96	4119	0.654 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	7548	0.792 ug/L	84
48) 2-Hexanone	8.37	43	24086	2.434 ug/L #	49
69) Naphthalene	13.77	128	18386	0.818 ug/L #	76

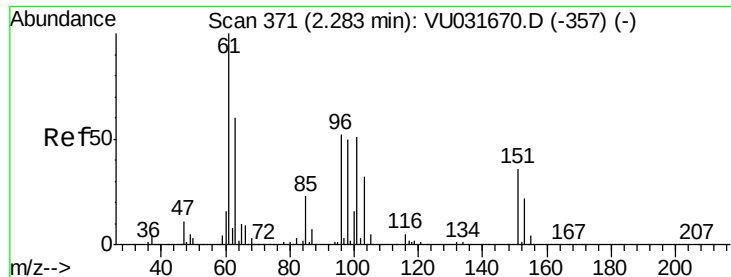
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.722 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031671.D

Acq: 01 May 2019 10:04

Instrument :

MSVOA_U

ClientSampled :

VBLK51

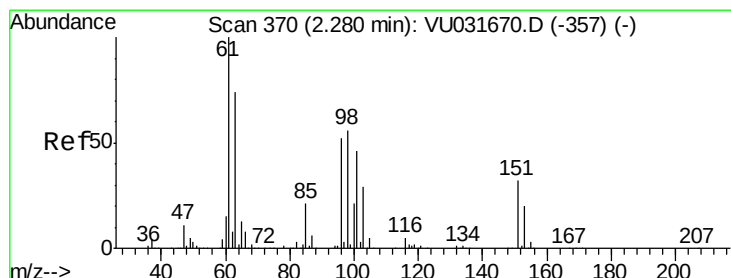
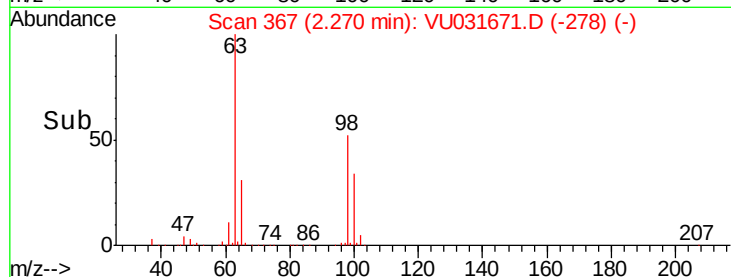
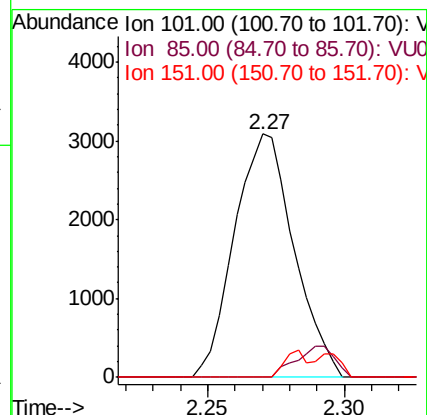
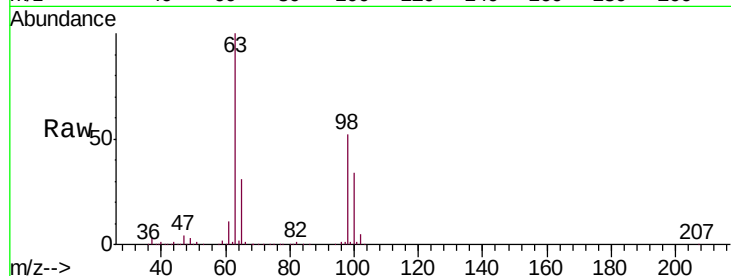
Tgt Ion: 101 Resp: 4671

Ion Ratio Lower Upper

101 100

85 1.1 36.1 54.1#

151 4.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.654 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031671.D

Acq: 01 May 2019 10:04

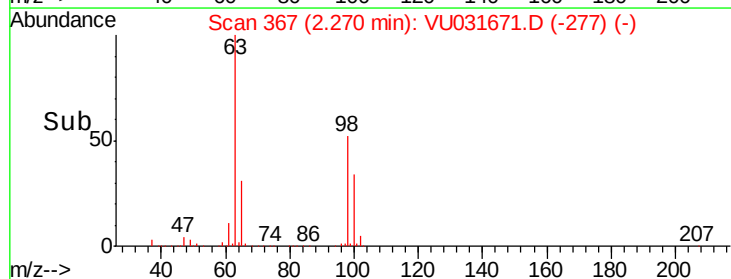
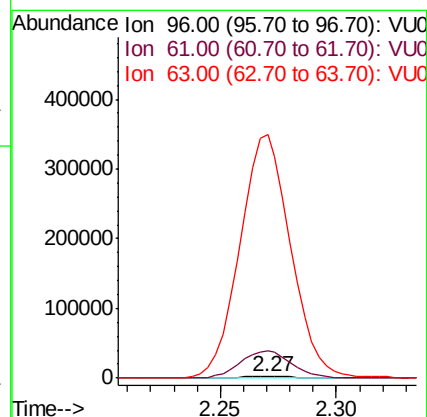
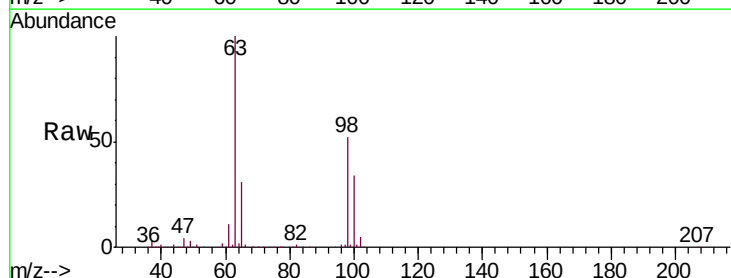
Tgt Ion: 96 Resp: 4119

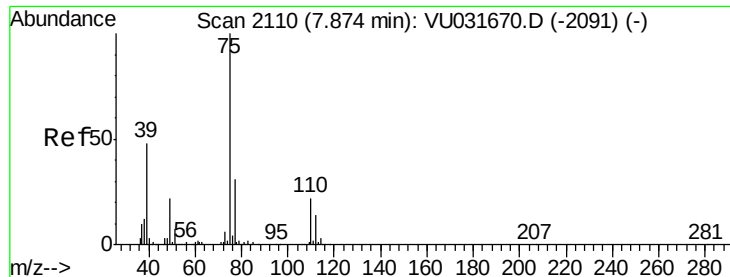
Ion Ratio Lower Upper

96 100

61 1742.2 135.0 250.6#

63 15448.3 103.5 192.3#





#44

trans-1,3-Dichloropropene

Concen: 0.792 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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Acq: 01 May 2019 10:04

Instrument :

MSVOA_U

ClientSampleId :

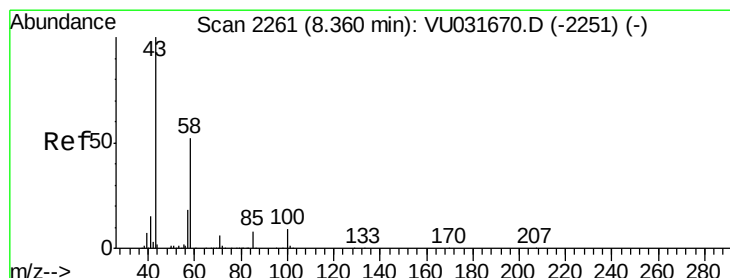
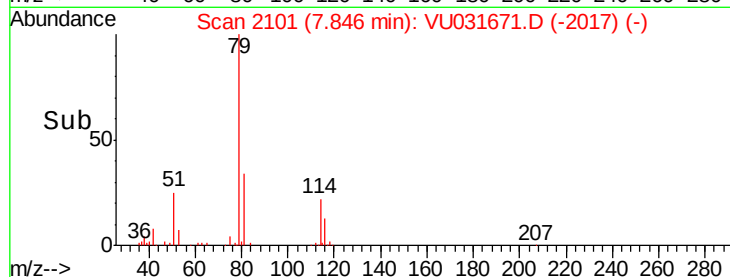
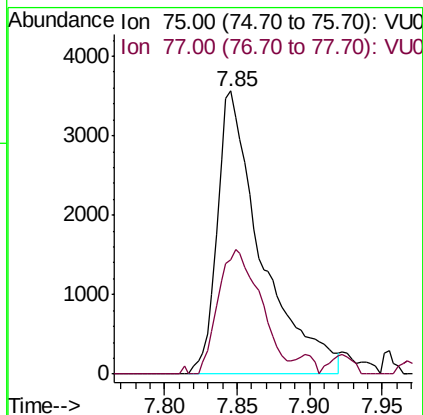
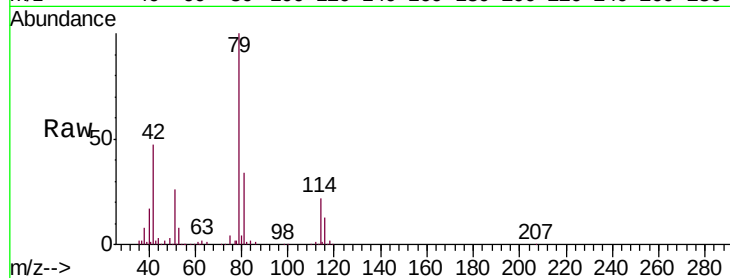
VBLK51

Tgt Ion: 75 Resp: 7548

Ion Ratio Lower Upper

75 100

77 40.6 22.1 41.1



#48

2-Hexanone

Concen: 2.434 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031671.D

Acq: 01 May 2019 10:04

Tgt Ion: 43 Resp: 24086

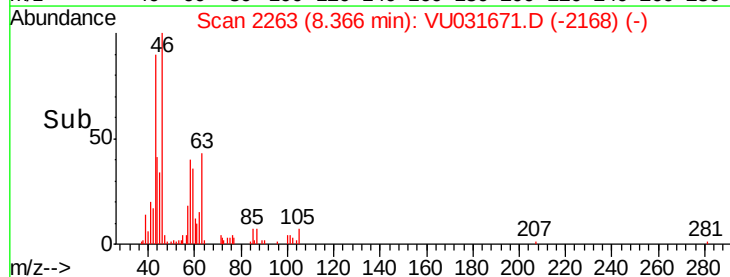
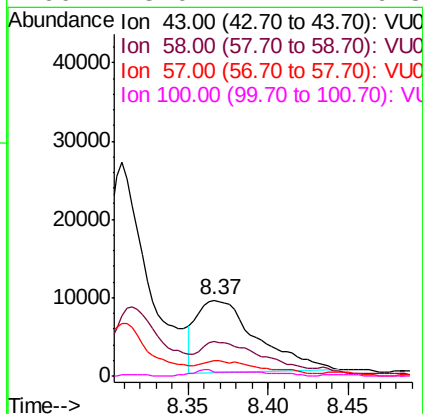
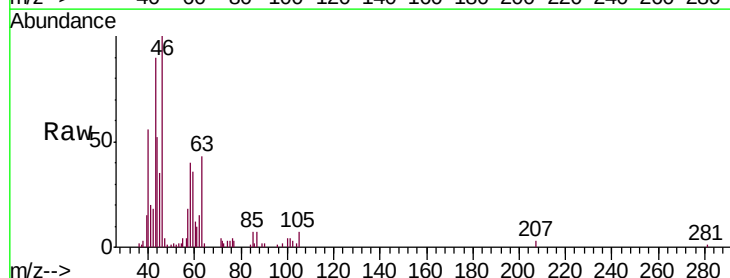
Ion Ratio Lower Upper

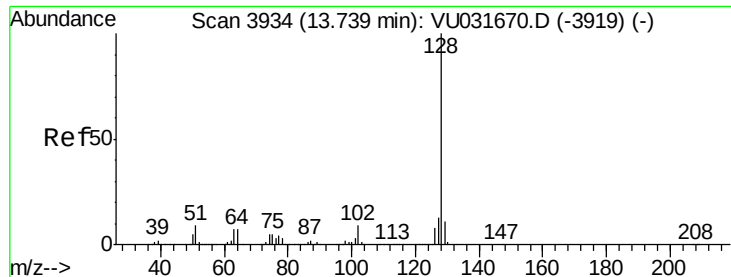
43 100

58 8.9 42.1 63.1#

57 2.6 14.6 22.0#

100 3.0 7.2 10.8#





#69

Naphthalene

Concen: 0.818 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.03 min

Lab File: VU031671.D

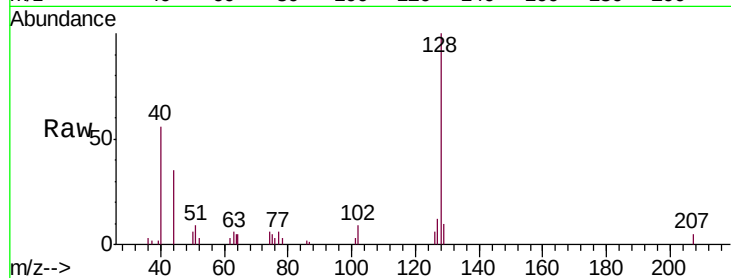
Acq: 01 May 2019 10:04

Instrument :

MSVOA_U

ClientSampleId :

VBLK51



Tgt Ion:128 Resp: 18386

Ion Ratio Lower Upper

128 100

127 3.0 10.6 15.8#

129 2.4 8.7 13.1#

