

Data File : VU034891.D
Acq On : 01 Oct 2019 16:36
Operator : JC/SP
Sample : VU1002WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK46

Quant Time: Oct 02 01:52:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	328860	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	319353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	120745	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	105268	45.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.34%
7) Chloroethane-d5	1.67	69	92701	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.74%
11) 1,1-Dichloroethene-d2	2.26	63	157893	38.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.84%
21) 2-Butanone-d5	4.15	46	230747	102.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.62	84	216356	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
26) 1,2-Dichloroethane-d4	5.29	65	163640	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
32) Benzene-d6	5.32	84	440753	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
36) 1,2-Dichloropropane-d6	6.31	67	150106	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.44%
41) Toluene-d8	7.54	98	396722	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.83	79	64201	48.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.00%
47) 2-Hexanone-d5	8.29	63	145936	102.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.01%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	209153	48.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.98%
64) 1,2-Dichlorobenzene-d4	11.84	152	128087	53.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.62%

Target Compounds

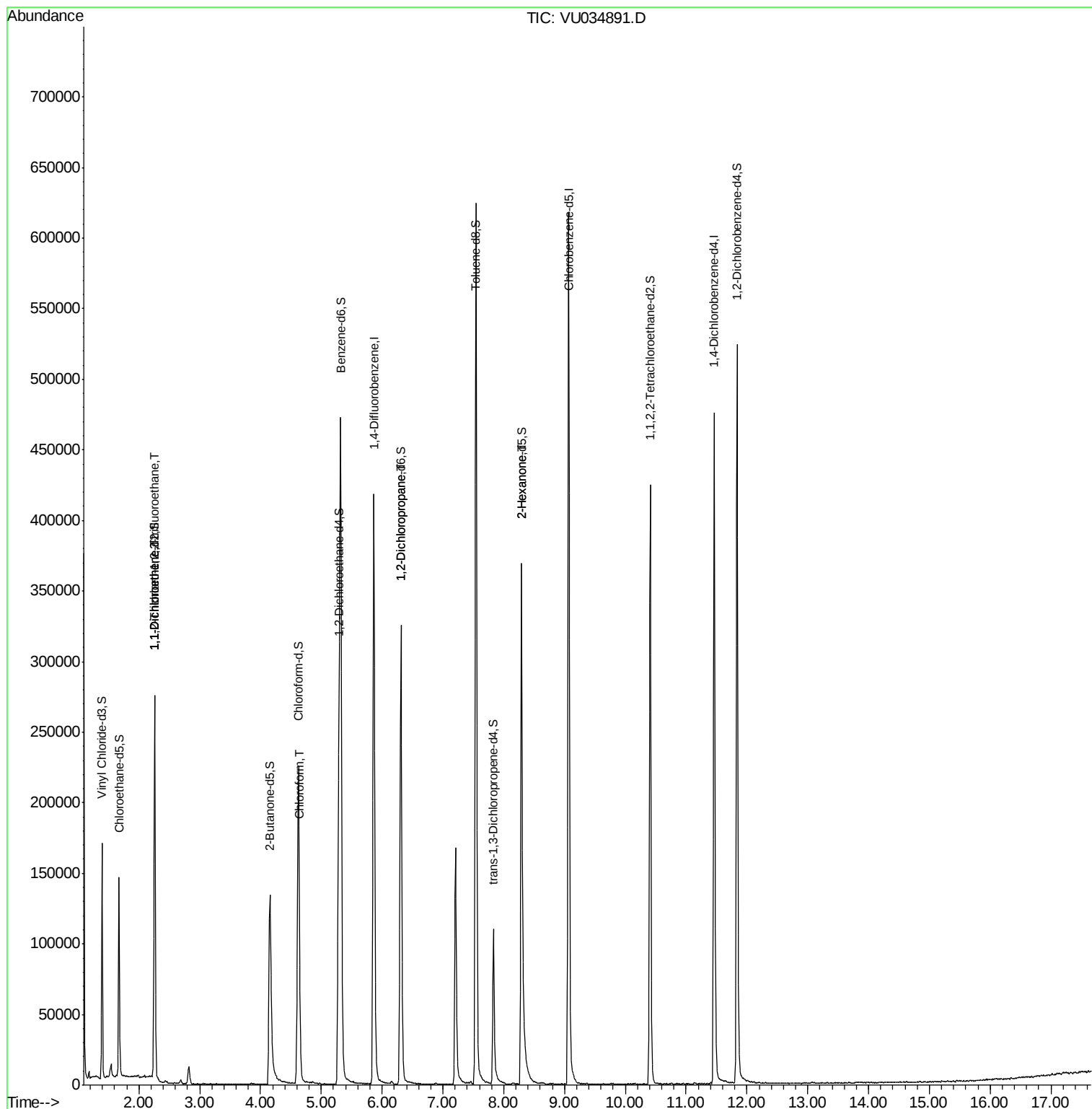
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1329	0.856 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1197	0.970 ug/L #	1
25) Chloroform	4.65	83	6641	1.615 ug/L	95
37) 1,2-Dichloropropane	6.31	63	17574	7.631 ug/L #	89
48) 2-Hexanone	8.29	43	19069	5.380 ug/L #	71

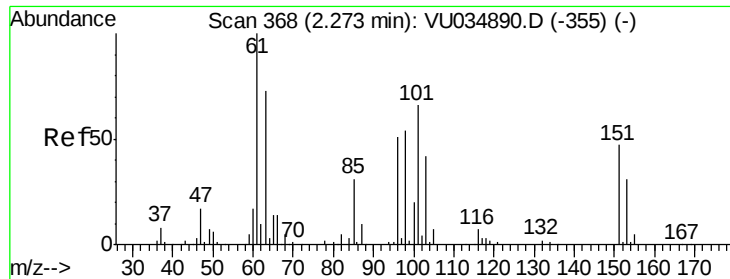
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.856 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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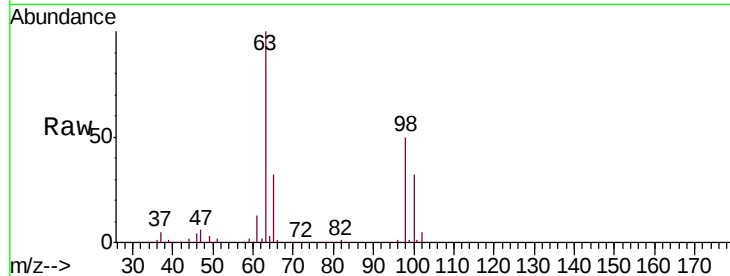
Tgt Ion: 101 Resp: 1329

Ion Ratio Lower Upper

101 100

85 0.0 37.1 55.7#

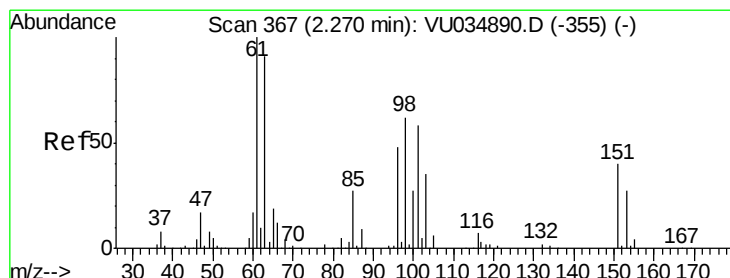
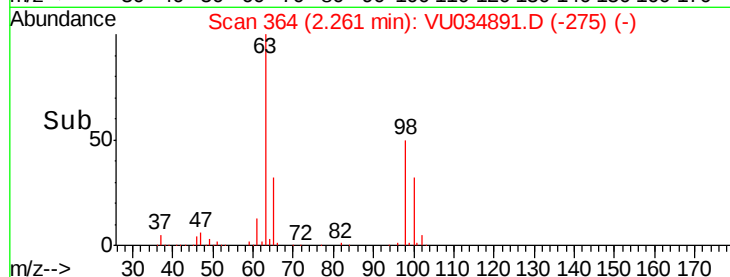
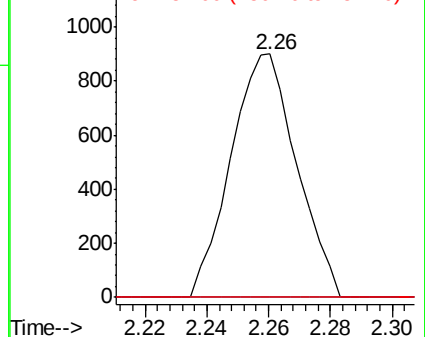
151 0.0 56.0 84.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.970 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU034891.D

Acq: 01 Oct 2019 16:36

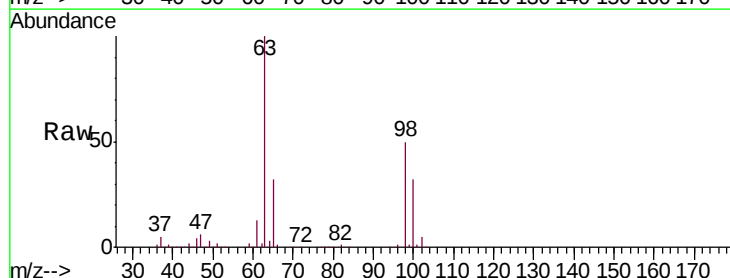
Tgt Ion: 96 Resp: 1197

Ion Ratio Lower Upper

96 100

61 1507.2 147.0 273.0#

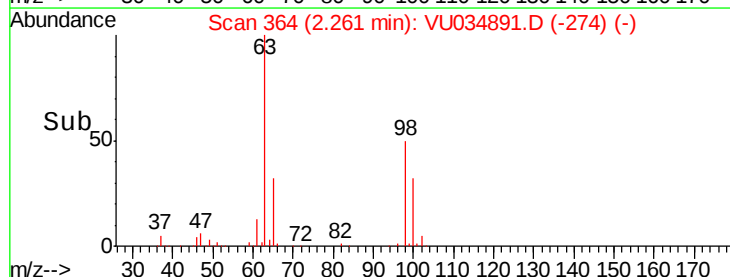
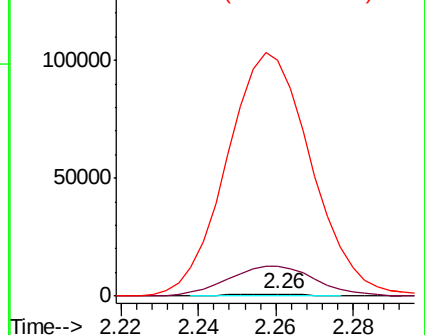
63 11752.8 140.5 260.9#

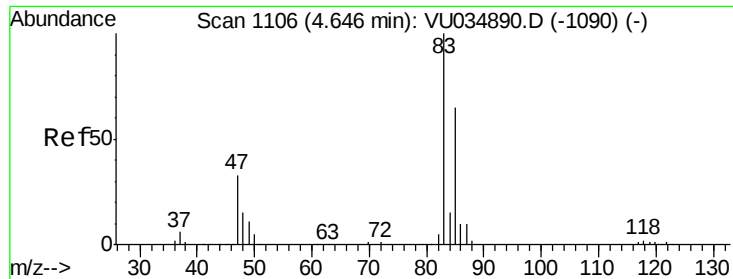


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

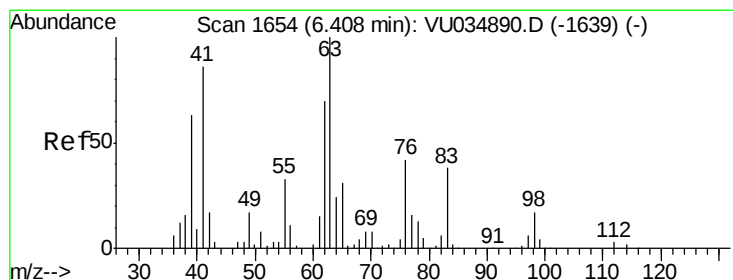
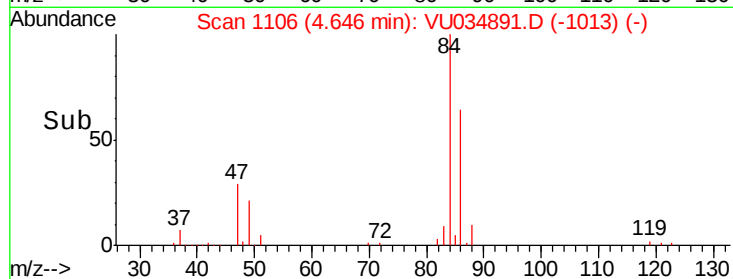
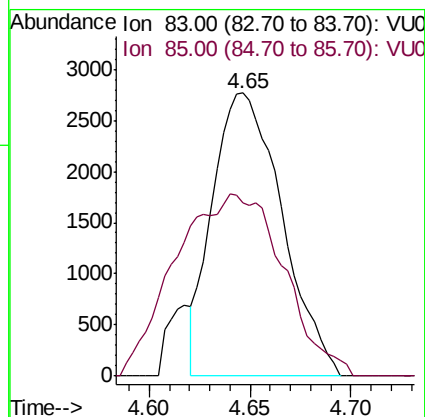
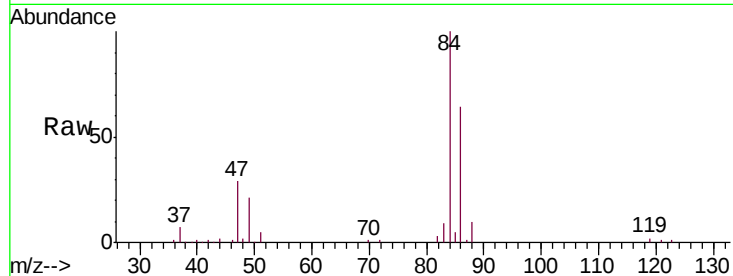




#25
Chloroform
Concen: 1.615 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
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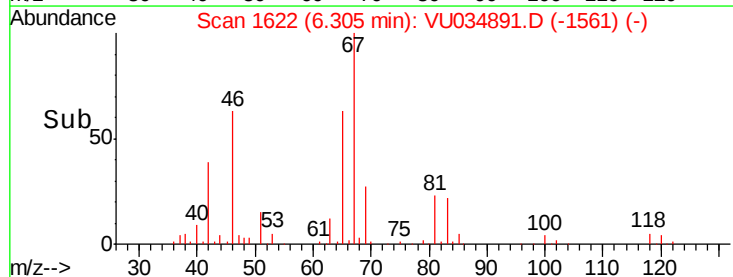
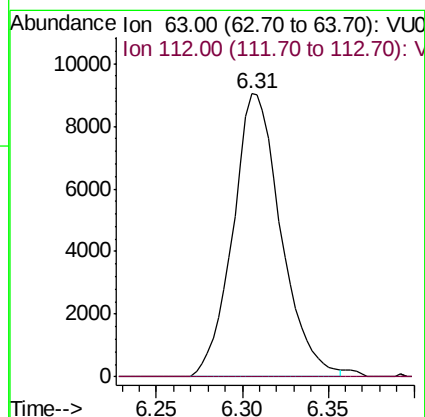
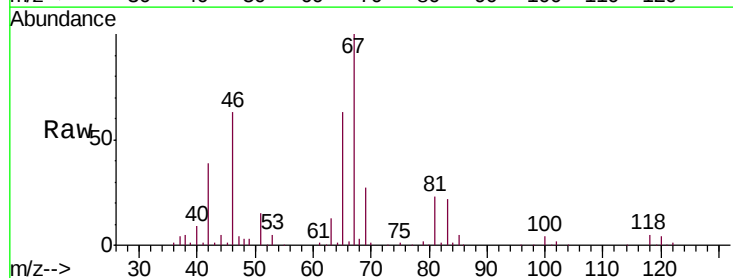
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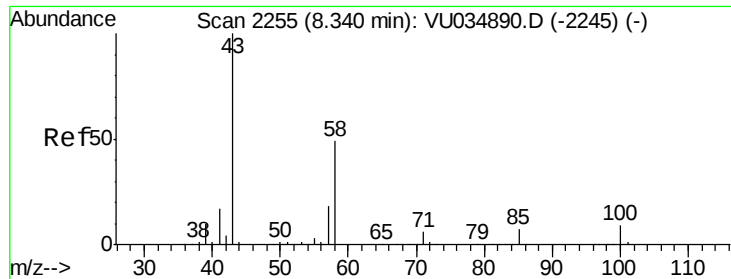
Tgt Ion: 83 Resp: 6641
Ion Ratio Lower Upper
83 100
85 61.4 45.5 84.5



#37
1,2-Dichloropropane
Concen: 7.631 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.10 min
Lab File: VU034891.D
Acq: 01 Oct 2019 16:36

Tgt Ion: 63 Resp: 17574
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#48

2-Hexanone

Concen: 5.380 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

Lab File: VU034891.D

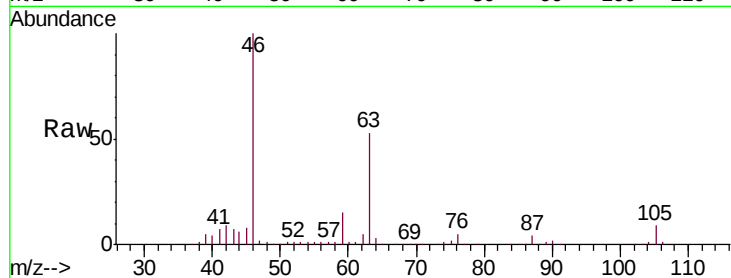
Acq: 01 Oct 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

VBLK46



Tgt Ion:	43	Resp:	19069
Ion	Ratio	Lower	Upper
43	100		
58	22.9	37.8	56.8#
57	20.6	13.4	20.0#
100	0.0	7.1	10.7#

