

Data File : VU030135.D
Acq On : 16 Mar 2019 11:20
Operator : JC/SP
Sample : VU0317WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK35

Quant Time: Mar 18 04:26:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	527982	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	515206	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	240918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	168272	48.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.36%
7) Chloroethane-d5	1.68	69	141444	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.34%
11) 1,1-Dichloroethene-d2	2.27	63	232273	36.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.70%
21) 2-Butanone-d5	4.17	46	264916	101.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.25%
24) Chloroform-d	4.65	84	309411	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
26) 1,2-Dichloroethane-d4	5.31	65	185544	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
32) Benzene-d6	5.34	84	658331	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
36) 1,2-Dichloropropane-d6	6.33	67	208570	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.78%
41) Toluene-d8	7.56	98	592271	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%
43) trans-1,3-Dichloropropene-	7.85	79	86726	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.22%
47) 2-Hexanone-d5	8.31	63	221324	97.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306605	49.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	242673	52.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

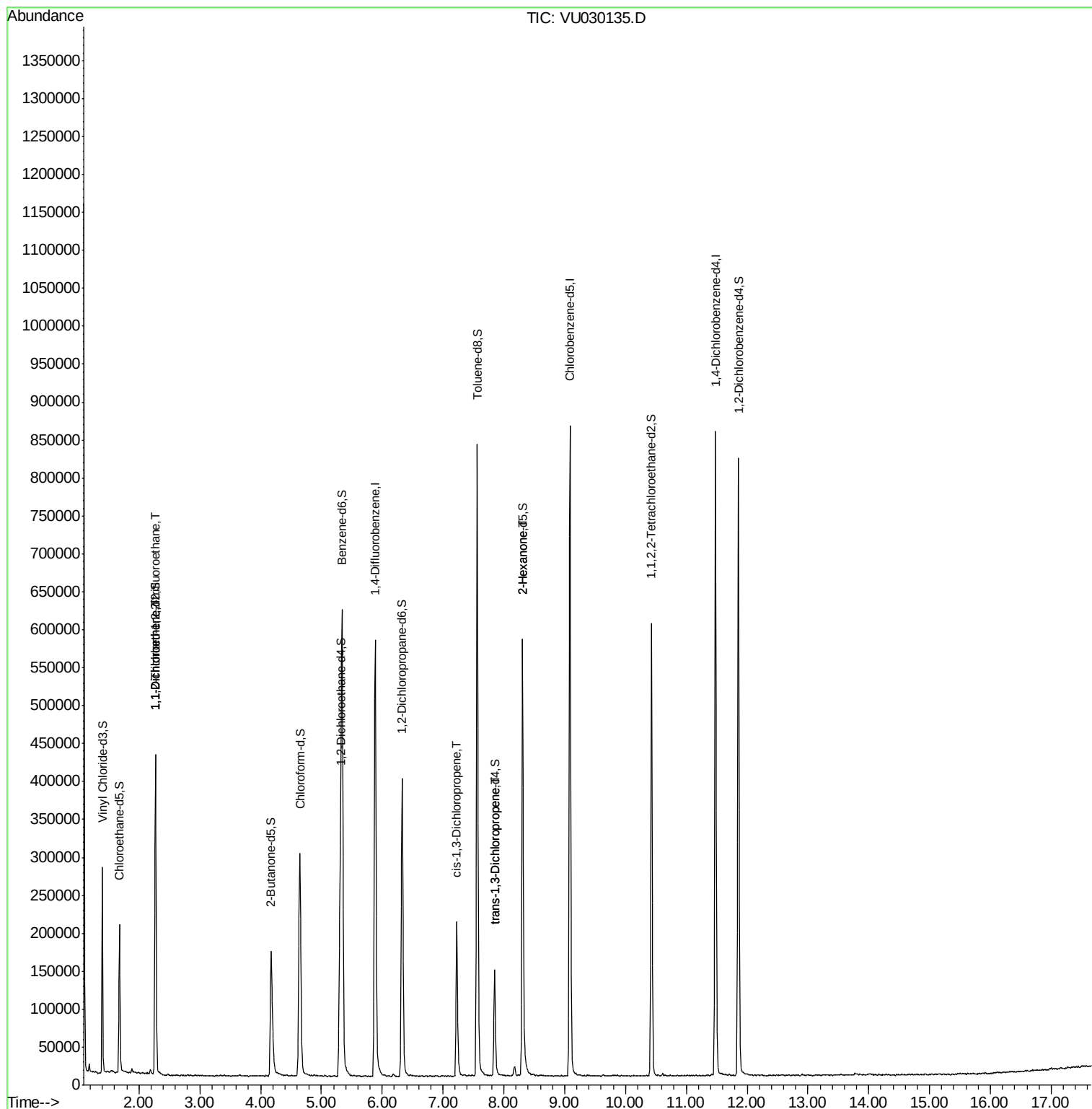
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2327	0.671	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1909	0.577	ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	4347	0.720	ug/L #	56
44) trans-1,3-Dichloropropene	7.85	75	3240	0.588	ug/L	87
48) 2-Hexanone	8.31	43	20574	4.606	ug/L #	64

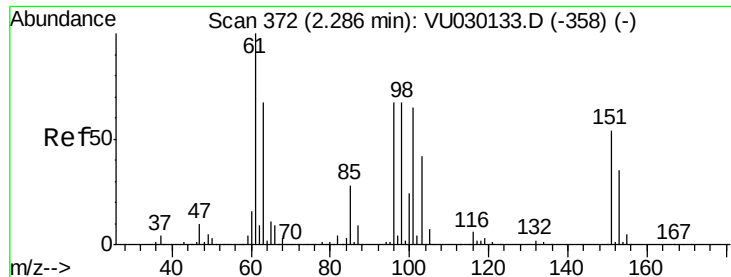
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.671 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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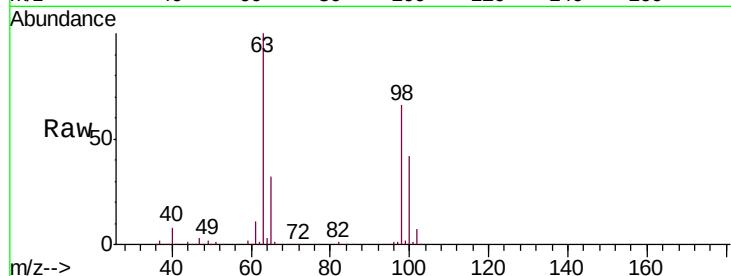
Tgt Ion: 101 Resp: 2327

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

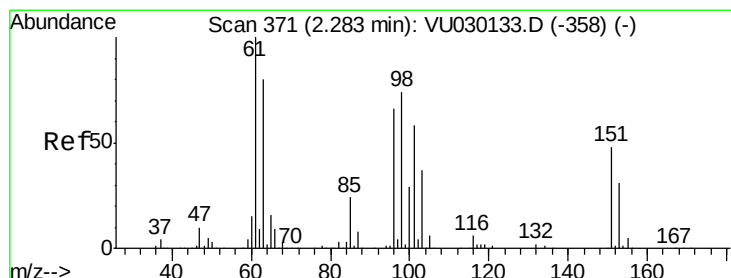
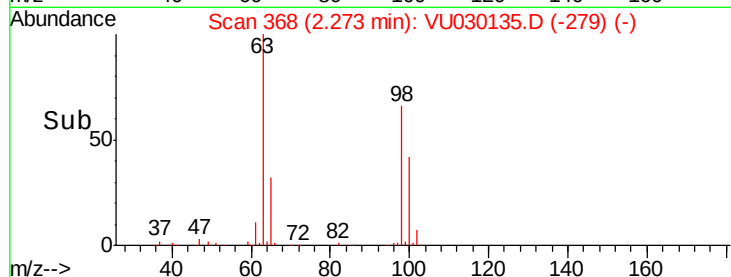
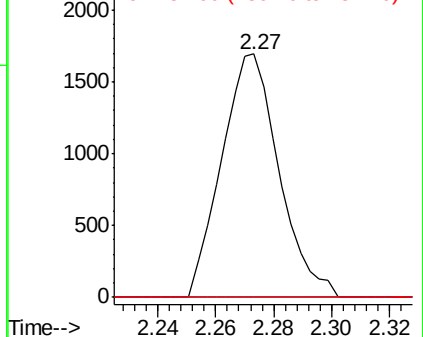
151 0.0 66.1 99.1#



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: 0.577 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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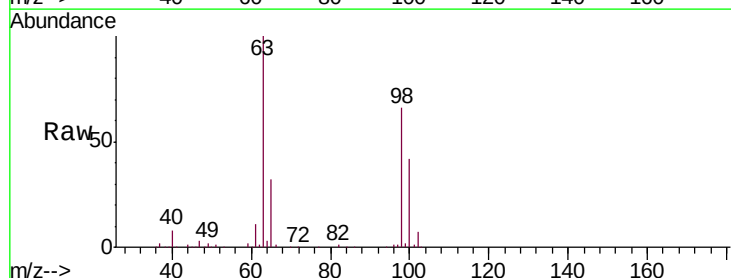
Tgt Ion: 96 Resp: 1909

Ion Ratio Lower Upper

96 100

61 1372.0 110.4 205.0#

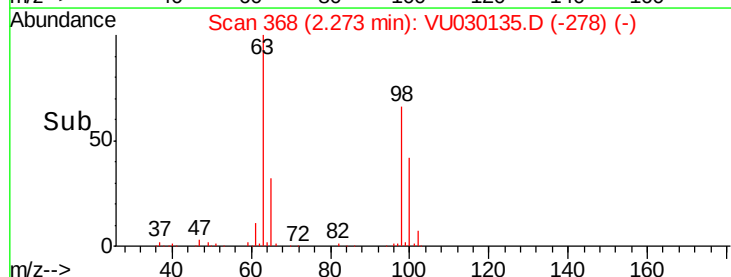
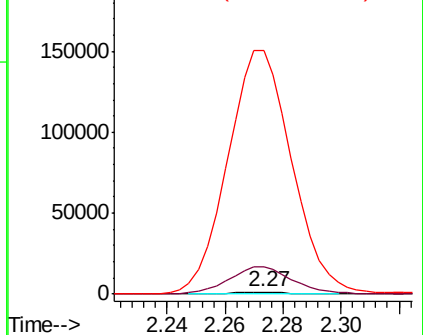
63 12104.3 86.5 160.7#

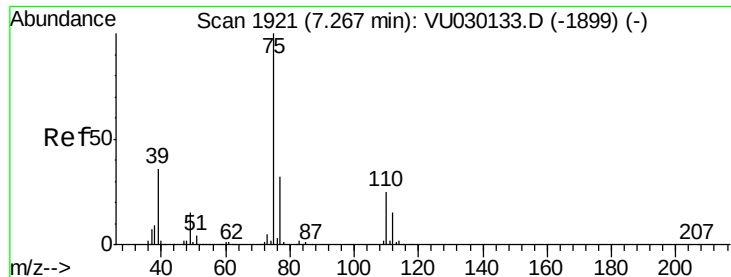


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.720 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

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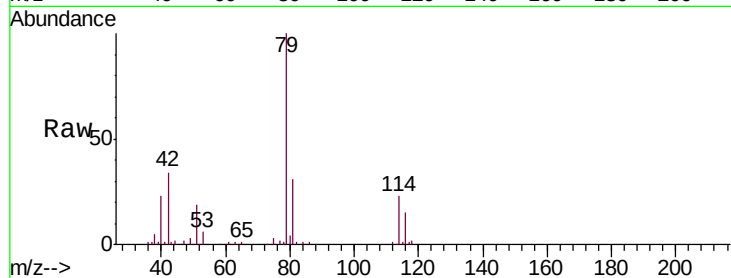
VBLK35

Tgt Ion: 75 Resp: 4347

Ion Ratio Lower Upper

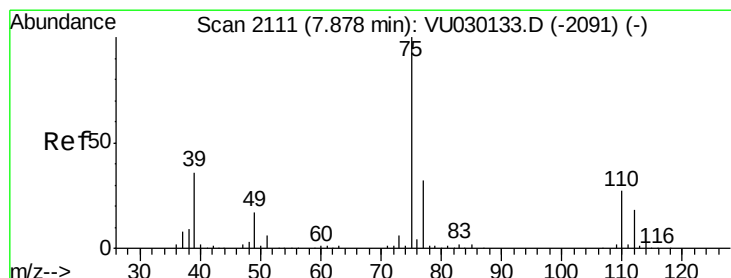
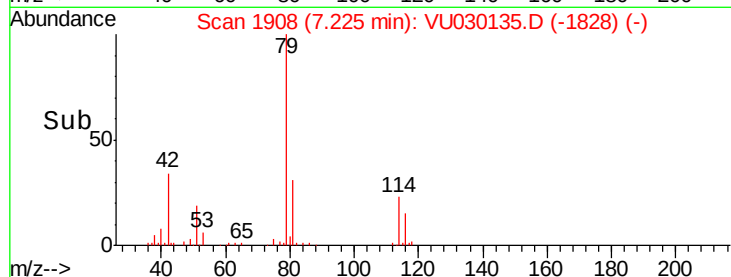
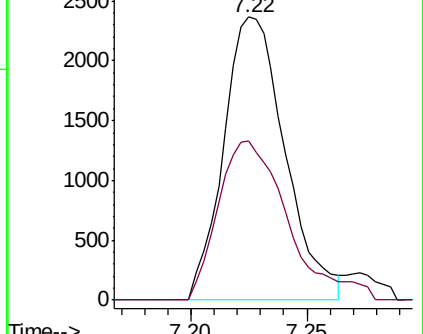
75 100

77 56.2 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.588 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030135.D

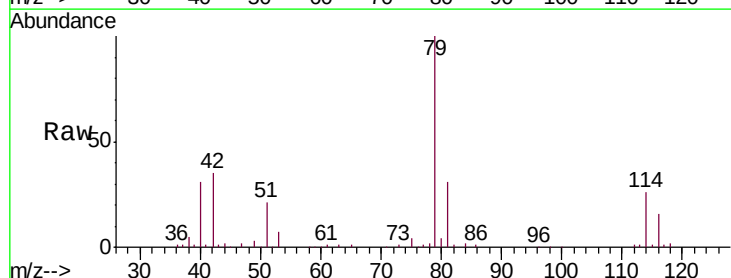
Acq: 16 Mar 2019 11:20

Tgt Ion: 75 Resp: 3240

Ion Ratio Lower Upper

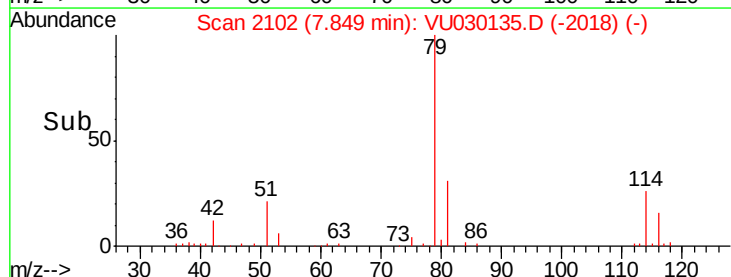
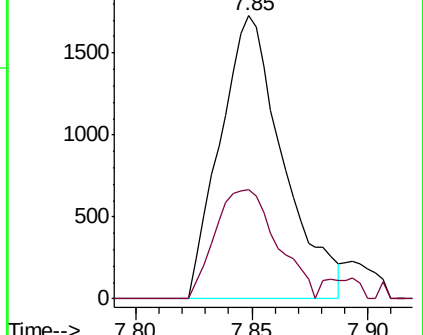
75 100

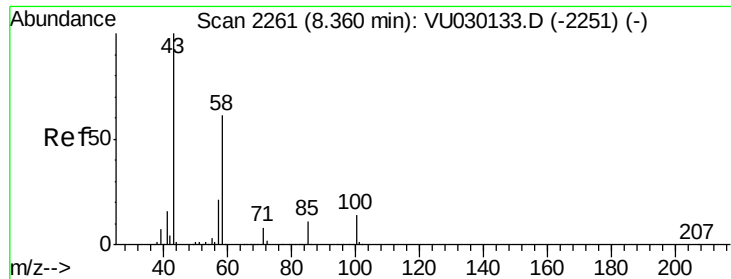
77 38.6 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#48

2-Hexanone

Concen: 4.606 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU030135.D

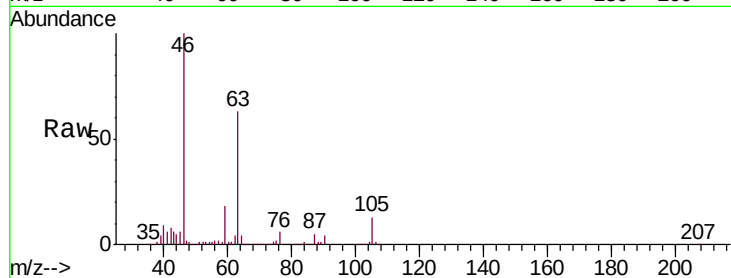
Acq: 16 Mar 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

VBLK35



Tgt Ion: 43 Resp: 20574

Ion Ratio Lower Upper

43 100

58 29.9 48.6 72.8#

57 30.1 16.1 24.1#

100 0.5 11.6 17.4#

