

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111919\
 Data File : VV013681.D
 Acq On : 19 Nov 2019 16:21
 Operator : SY/MD
 Sample : VIBLK42
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Nov 20 03:25:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 20 01:31:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	387339	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	369122	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	183980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96932	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.58	69	99737	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.13	63	138587	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.96	46	317750	57.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.86%
24) Chloroform-d	4.40	84	243961	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.08	65	122378	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.09	84	503435	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.11	67	156082	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	434082	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.66	79	52577	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.13	63	234917	53.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	109600	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	186456	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

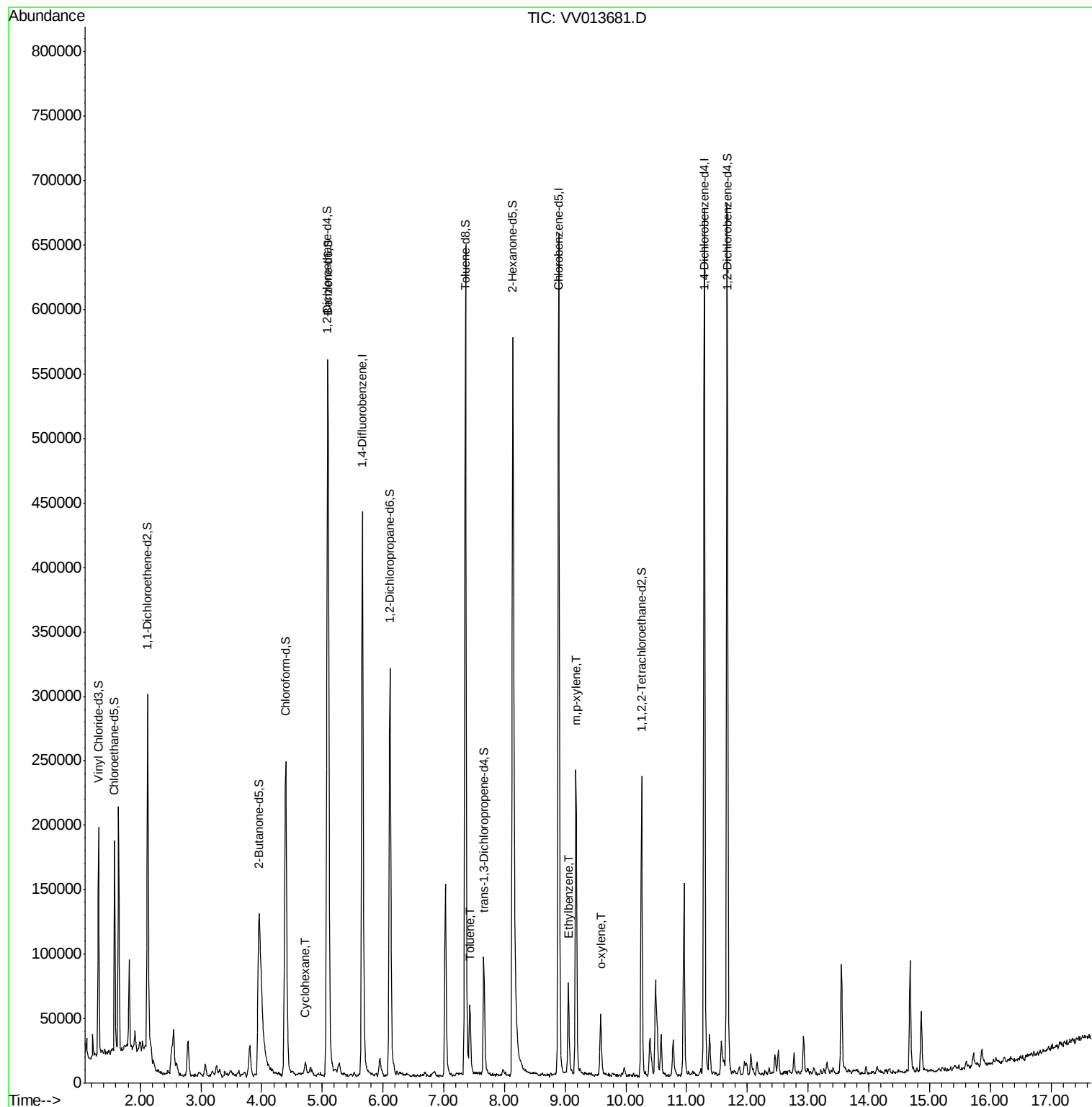
					Ovalue
30) Cyclohexane	4.72	56	4546	0.102 ug/L #	63
42) Toluene	7.43	91	38316	0.321 ug/L	99
52) Ethylbenzene	9.05	91	50620	0.398 ug/L	99
53) m,p-xylene	9.18	106	68529	1.428 ug/L	98
54) o-xylene	9.59	106	13216	0.286 ug/L	90

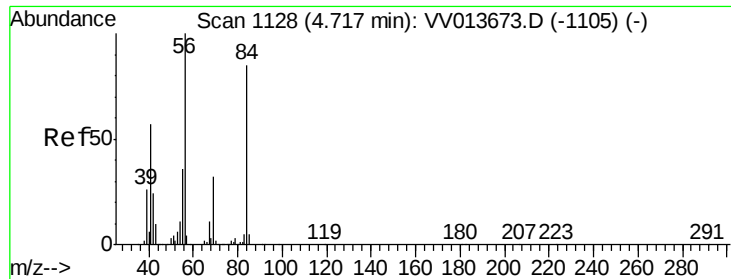
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#30

Cyclohexane

Concen: 0.102 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VV013681.D

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Instrument :

MSVOA_V

ClientSampleId :

VIBLK

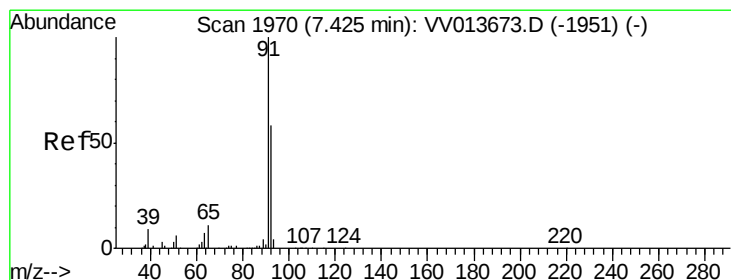
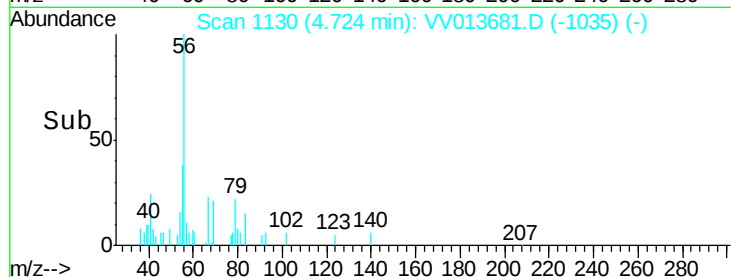
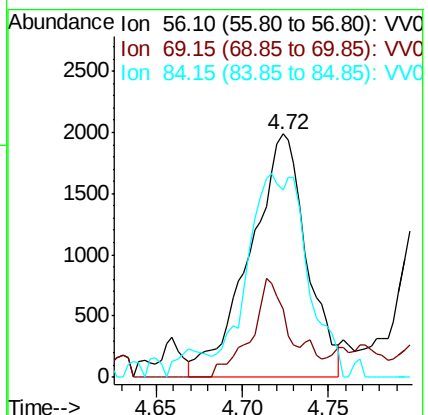
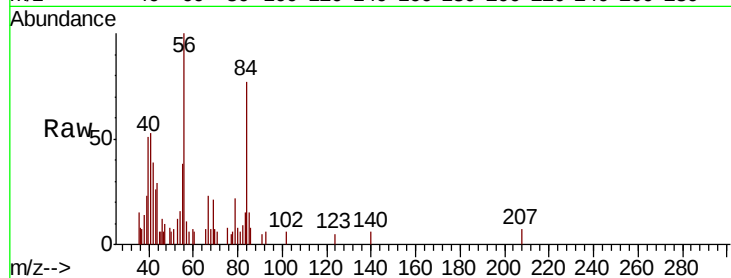
Tot Ion: 56 Resp: 4546

Ion Ratio Lower Upper

56 100

69 24.8 23.8 35.8

84 43.7 69.1 103.7#



#42

Toluene

Concen: 0.321 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013681.D

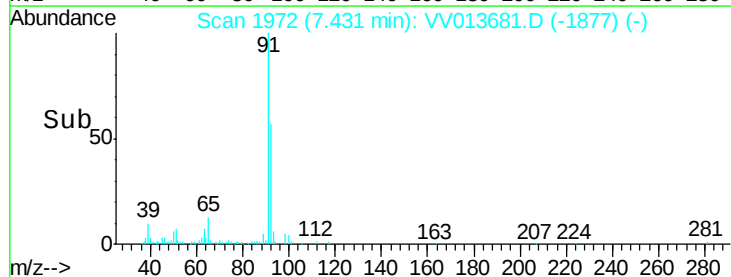
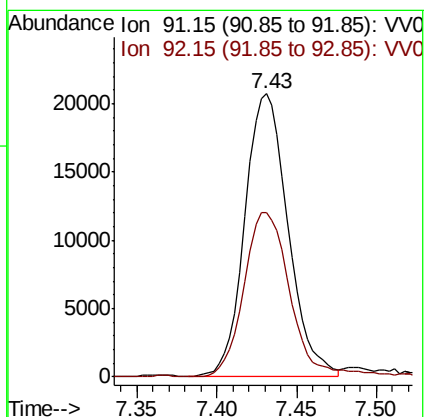
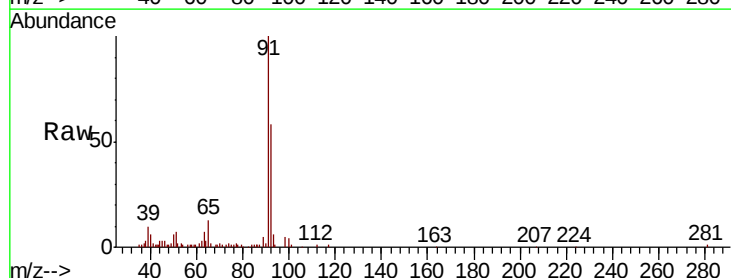
Acq: 19 Nov 2019 16:21

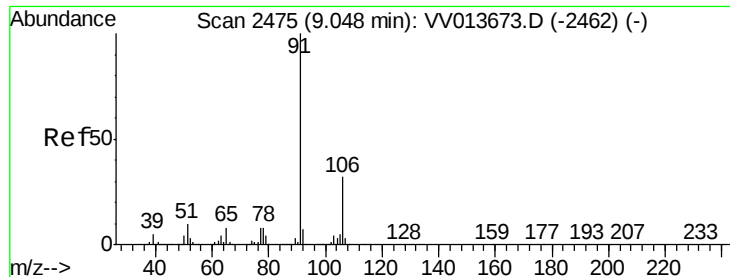
Tgt Ion: 91 Resp: 38316

Ion Ratio Lower Upper

91 100

92 58.0 41.2 76.6





#52

Ethylbenzene

Concen: 0.398 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.01 min

Lab File: VV013681.D

Acq: 19 Nov 2019 16:21

Instrument :

MSVOA_V

ClientSampleId :

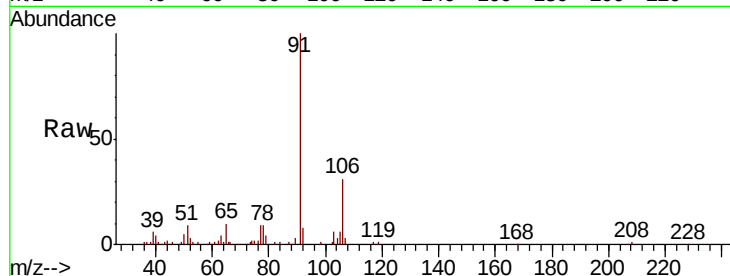
VIBLK

Tot Ion: 91 Resp: 50620

Ion Ratio Lower Upper

91 100

106 31.4 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VV013673.D (-2462) (-)

Ion 106.15 (105.85 to 106.85): VV013673.D (-2462) (-)

9.05

30000

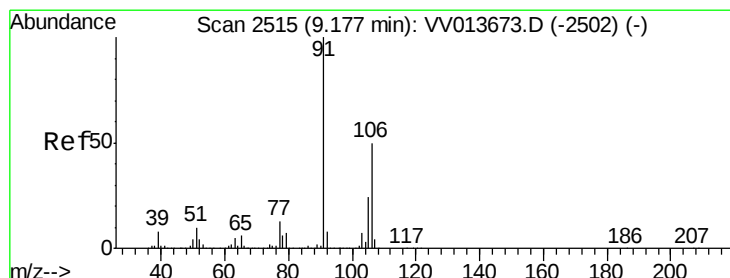
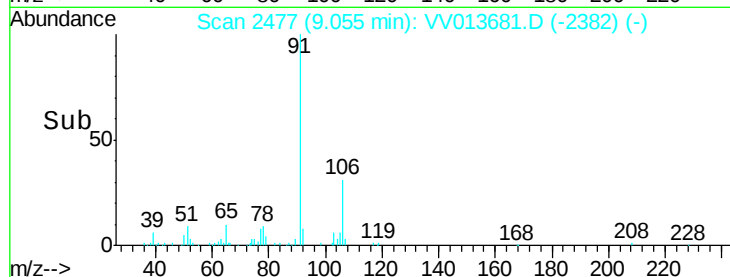
20000

10000

0

Time-->

9.00 9.05 9.10



#53

m,p-xylene

Concen: 1.428 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV013681.D

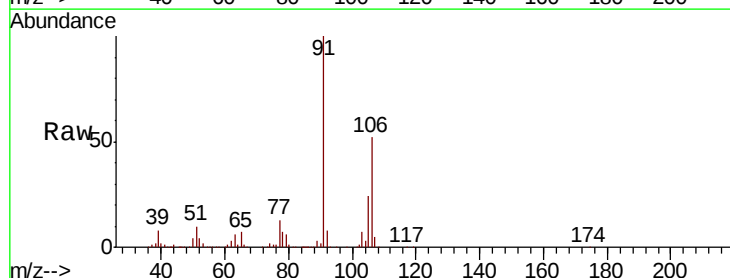
Acq: 19 Nov 2019 16:21

Tgt Ion: 106 Resp: 68529

Ion Ratio Lower Upper

106 100

91 193.8 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): VV013673.D (-2502) (-)

Ion 91.15 (90.85 to 91.85): VV013673.D (-2502) (-)

9.18

80000

60000

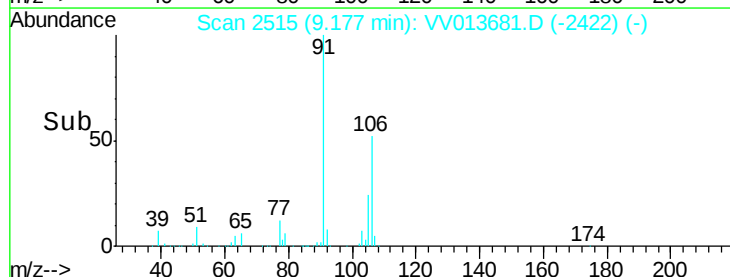
40000

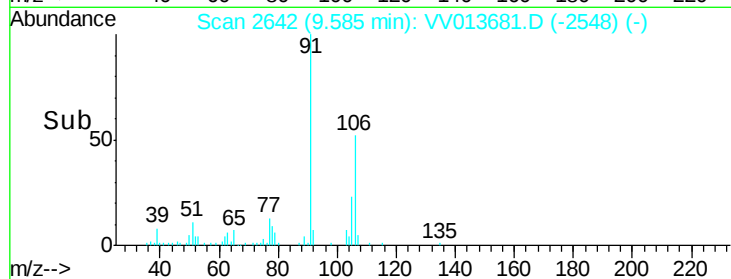
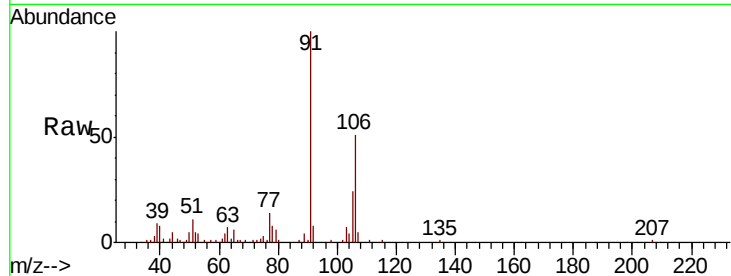
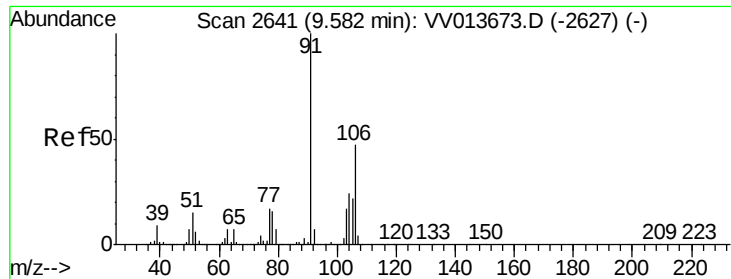
20000

0

Time-->

9.10 9.15 9.20 9.25





#54

o-xylene

Concen: 0.286 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV013681.D

Acq: 19 Nov 2019 16:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tot Ion:106 Resp: 13216

Ion Ratio Lower Upper

106 100

91 194.6 146.9 272.7

