

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010245.D
 Acq On : 11 Apr 2019 15:47
 Operator : SY/MD
 Sample : K2255-14
 Misc : 4.60G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC45

Quant Time: Apr 12 01:28:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	120571	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84299	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19693	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30178	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.96%
7) Chloroethane-d5	1.58	69	30756	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.12%
10) 1,1-Dichloroethene-d2	2.13	63	57946	16.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.60%
20) 2-Butanone-d5	3.94	46	17425	49.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.22%
24) Chloroform-d	4.40	84	64978	23.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	40074	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.20%
29) Benzene-d6	5.10	84	131443	32.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.36%
33) 1,2-Dichloropropane-d6	6.12	67	40609	33.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.36%#
37) Toluene-d8	7.36	98	109635	27.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.64%
38) trans-1,3-Dichloropropene-	7.67	79	10133	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.40%
39) 2-Hexanone-d5	8.13	63	10094	48.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25249	23.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.08%
61) 1,2-Dichlorobenzene-d4	11.68	152	18063	24.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.36%

Target Compounds

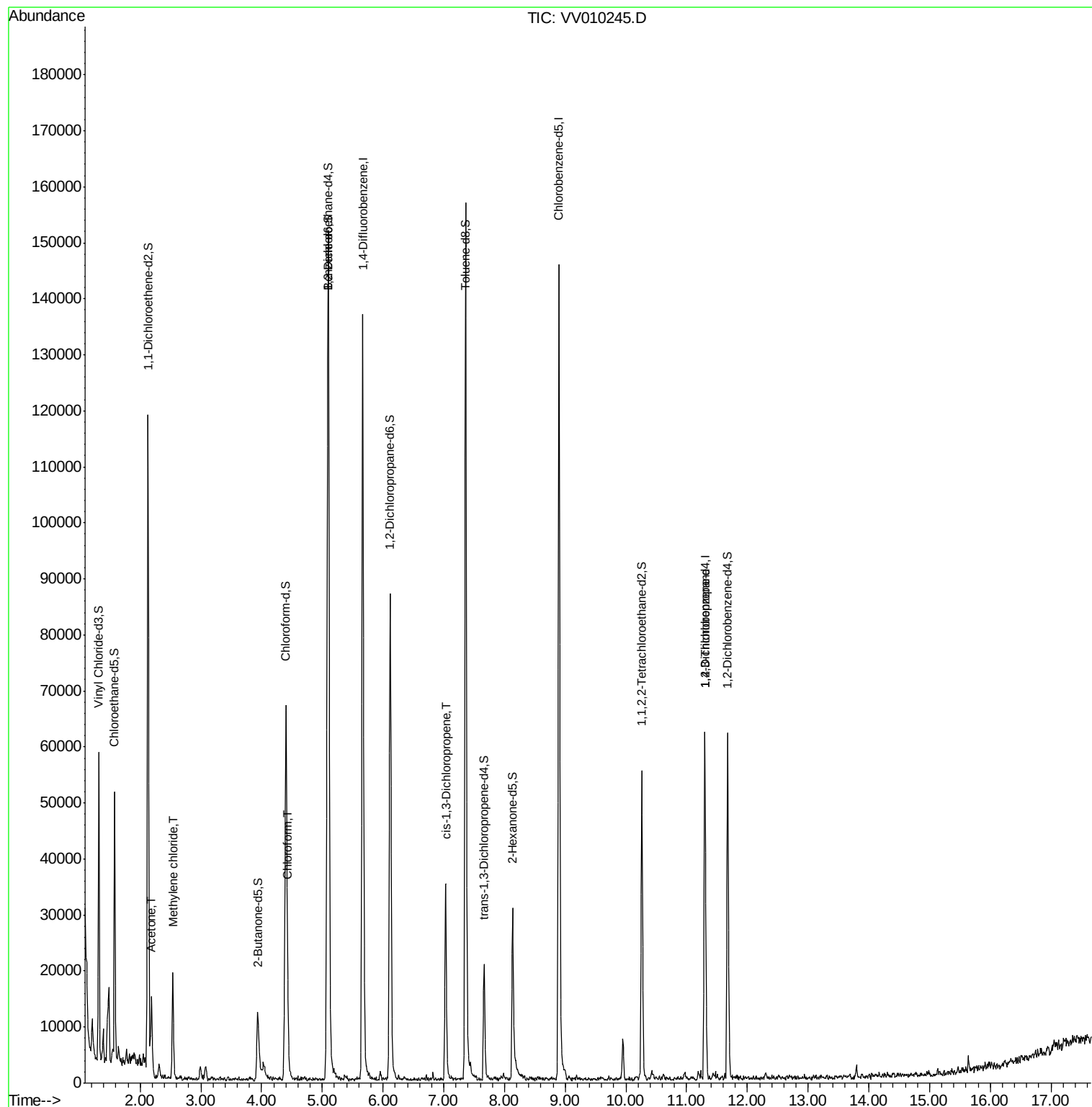
					Qvalue
13) Acetone	2.19	43	11668	31.092	ug/L 100
16) Methylene chloride	2.54	84	7209	3.053	ug/L 93
25) Chloroform	4.43	83	2339	0.792	ug/L # 12
42) cis-1,3-Dichloropropene	7.04	75	1320	0.833	ug/L 90
59) 1,2,3-Trichloropropane	11.30	75	1655	2.051	ug/L 95

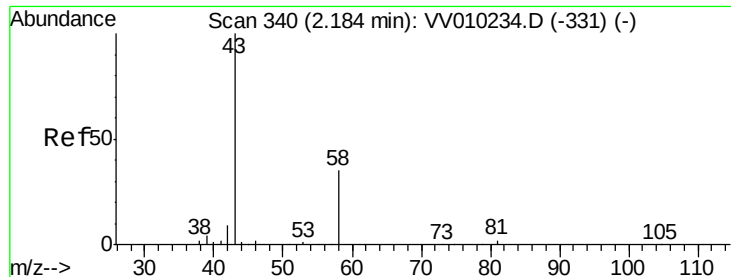
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010245.D
Acq On : 11 Apr 2019 15:47
Operator : SY/MD
Sample : K2255-14
Misc : 4.60G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC45

Quant Time: Apr 12 01:28:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:24:48 2019
Response via : Initial Calibration





#13

Acetone

Concen: 31.092 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010245.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

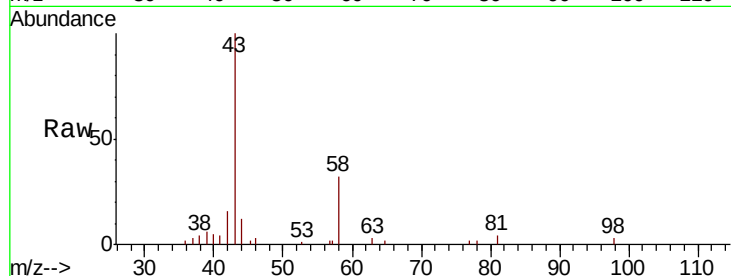
BFC45

Tgt Ion: 43 Resp: 11668

Ion Ratio Lower Upper

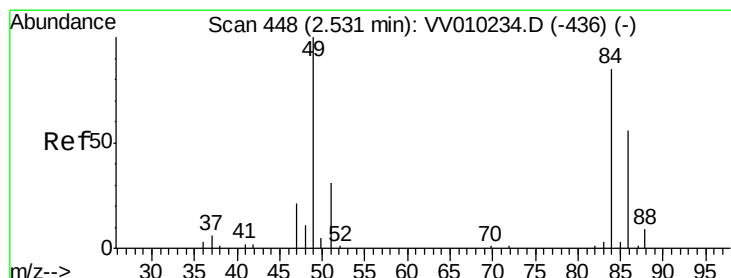
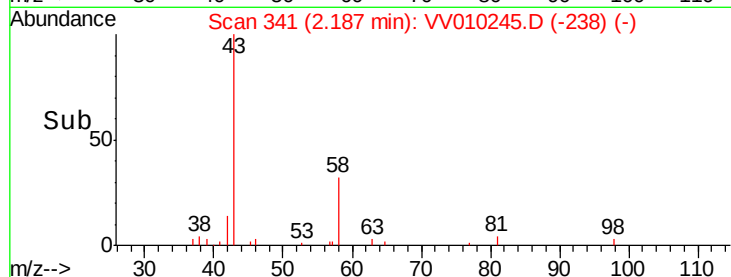
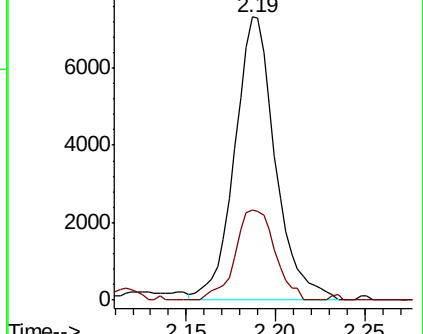
43 100

58 31.0 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010234.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010234.D (-331) (-)



#16

Methylene chloride

Concen: 3.053 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010245.D

Acq: 11 Apr 2019 15:47

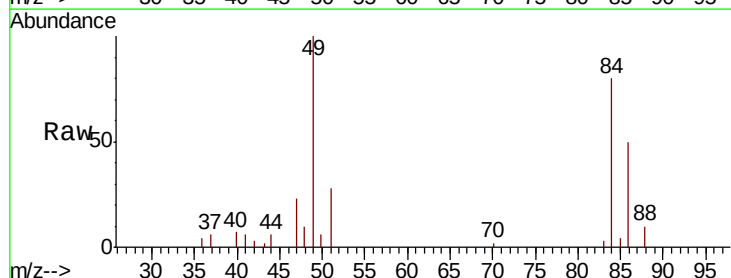
Tgt Ion: 84 Resp: 7209

Ion Ratio Lower Upper

84 100

49 125.1 79.9 148.5

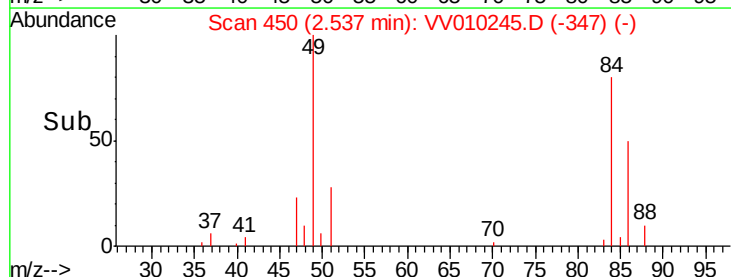
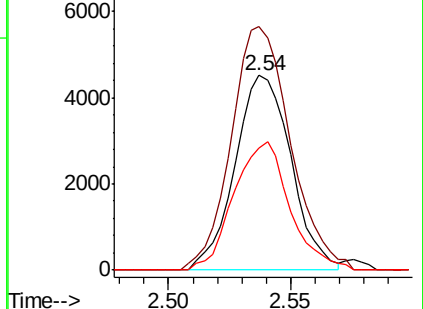
86 62.9 44.5 82.7

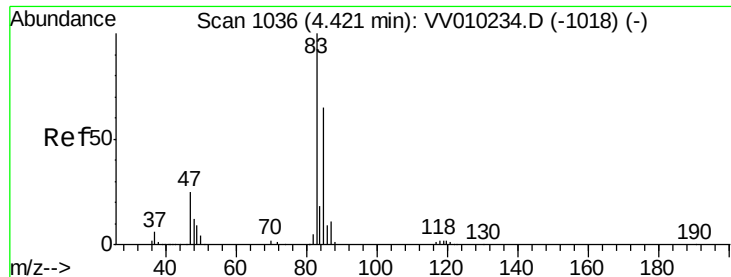


Abundance Ion 84.00 (83.70 to 84.70): VV010234.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010234.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010234.D (-436) (-)

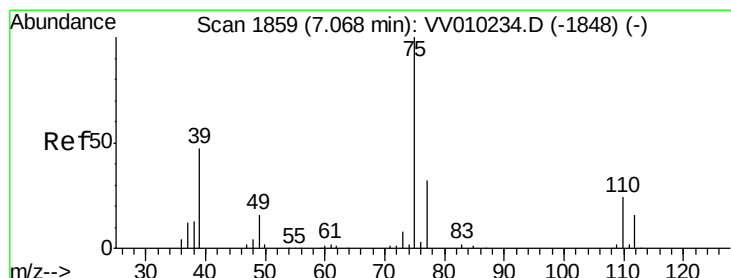
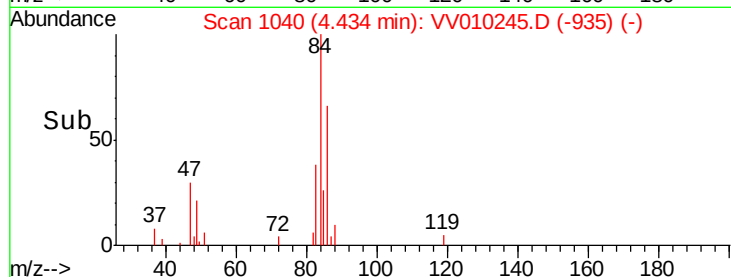
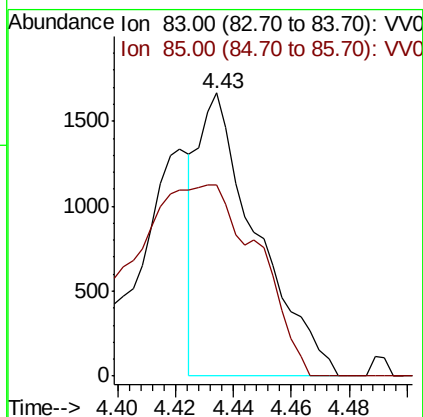
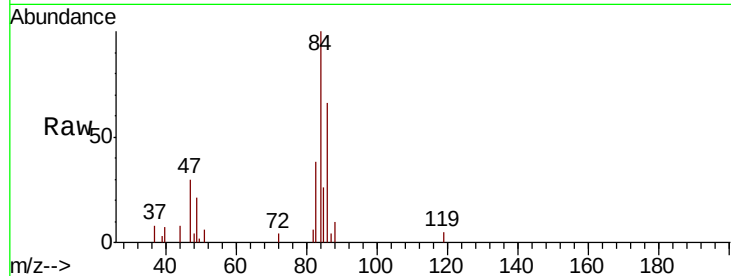




#25
Chloroform
Concen: 0.792 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV010245.D
Acq: 11 Apr 2019 15:47

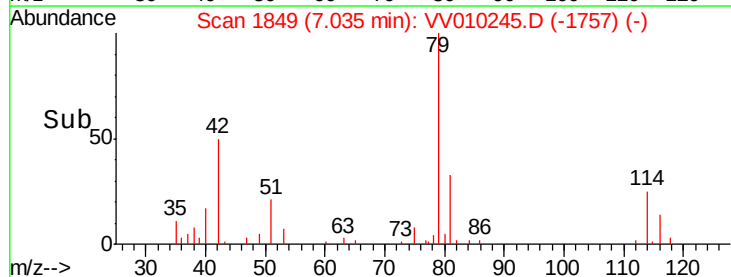
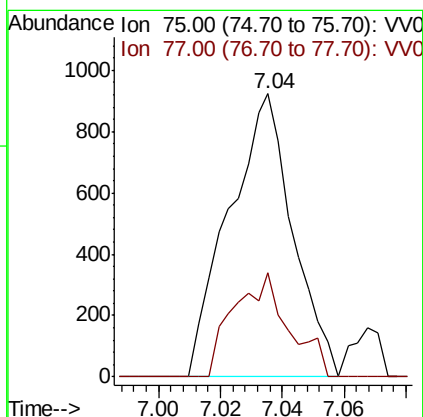
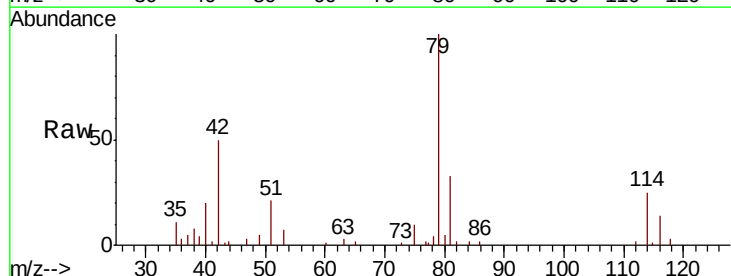
Instrument :
MSVOA_V
ClientSampled :
BFC45

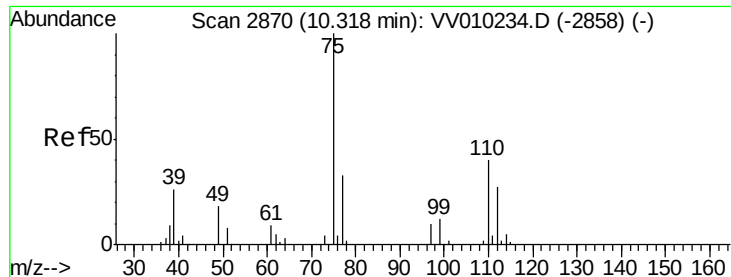
Tgt Ion: 83 Resp: 2339
Ion Ratio Lower Upper
83 100
85 133.8 45.4 84.2#



#42
cis-1,3-Dichloropropene
Concen: 0.833 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV010245.D
Acq: 11 Apr 2019 15:47

Tgt Ion: 75 Resp: 1320
Ion Ratio Lower Upper
75 100
77 36.9 21.9 40.7





#59

1,2,3-Trichloropropane

Concen: 2.051 ug/L

RT: 11.30 min Scan# 3176

Delta R.T. 0.98 min

Lab File: VV010245.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

BFC45

Tgt Ion: 75 Resp: 1655

Ion Ratio Lower Upper

75 100

77 30.8 26.9 40.3

