

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121923\
 Data File : VW033492.D
 Acq On : 19 Dec 2023 20:46
 Operator : SY/MD
 Sample : 05912-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3N2

Quant Time: Dec 20 00:29:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:24:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

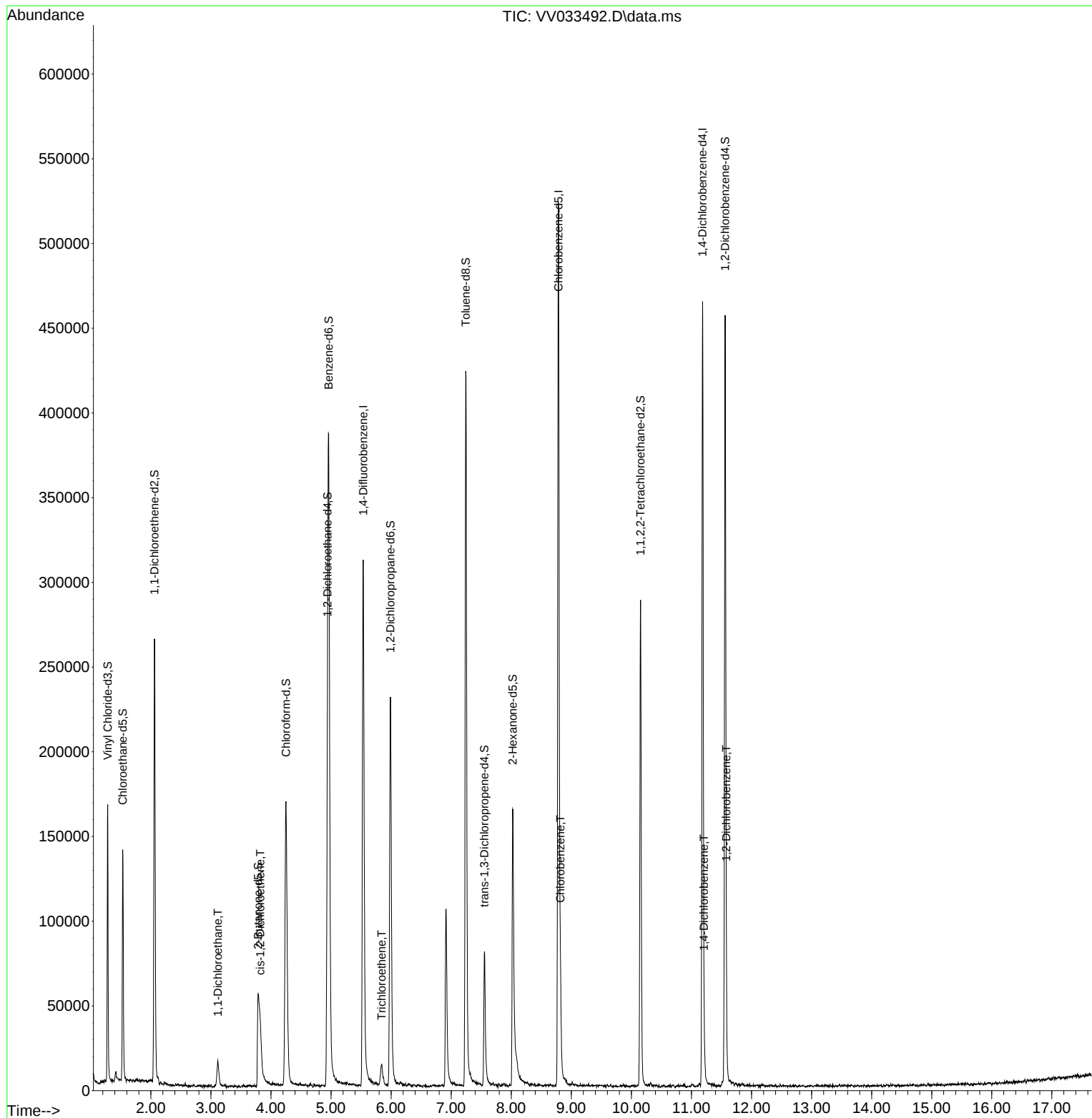
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	262235	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	273895	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	112563	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	99162	49.104	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.200%
7) Chloroethane-d5	1.532	69	88694	48.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.880%
11) 1,1-Dichloroethene-d2	2.059	65	45643	45.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.800%
21) 2-Butanone-d5	3.786	46	83268	81.813	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.810%
24) Chloroform-d	4.249	84	179047	44.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
26) 1,2-Dichloroethane-d4	4.940	65	116096	47.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
32) Benzene-d6	4.960	84	338358	45.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.740%
36) 1,2-Dichloropropane-d6	5.989	67	108461	48.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.880%
41) Toluene-d8	7.243	98	279791	41.451	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.900%
43) trans-1,3-Dichloroprop...	7.554	79	45711	41.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.320%
47) 2-Hexanone-d5	8.024	63	52829	70.154	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.150%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	134430	41.776	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.560%
66) 1,2-Dichlorobenzene-d4	11.561	152	107273	50.714	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.420%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.114	63	14554	4.347	ug/L	93
20) cis-1,2-Dichloroethene	3.821	96	12295	6.208	ug/L	90
34) Trichloroethene	5.841	95	3493	1.744	ug/L	95
51) Chlorobenzene	8.818	112	37122	6.657	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	4479	1.253	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	5600	1.620	ug/L #	94

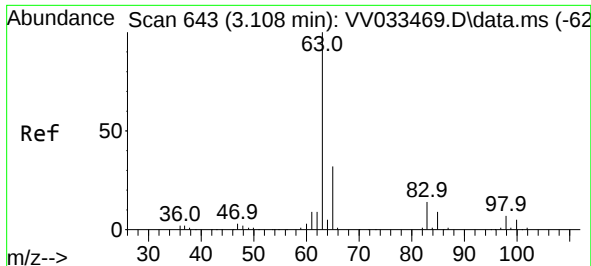
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:24:21 2023
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 4.347 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV033492.D

Acq: 19 Dec 2023 20:46

Instrument :

MSVOA_V

ClientSampleId :

BH3N2

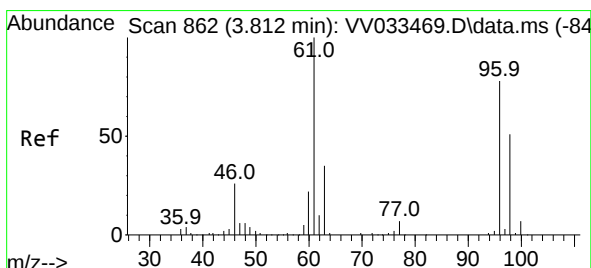
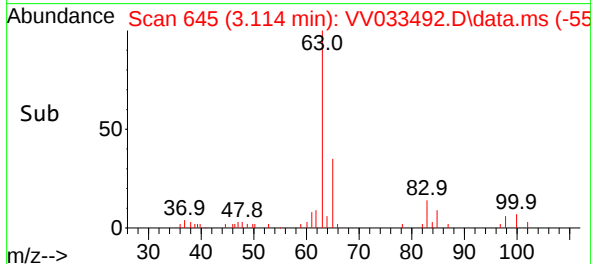
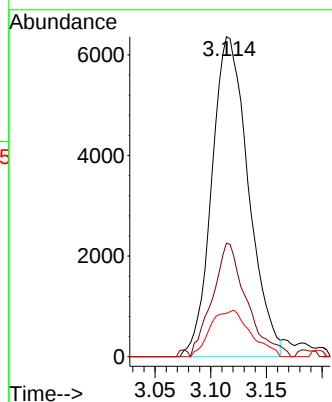
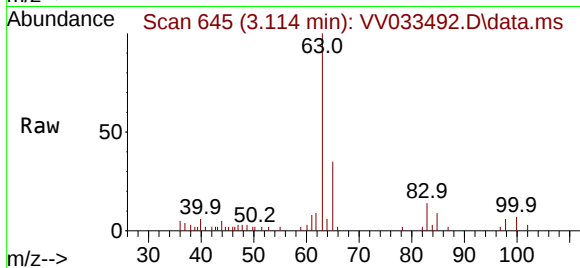
Tgt Ion: 63 Resp: 14554

Ion Ratio Lower Upper

63 100

65 35.5 21.1 39.3

83 13.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 6.208 ug/L

RT: 3.821 min Scan# 865

Delta R.T. 0.009 min

Lab File: VV033492.D

Acq: 19 Dec 2023 20:46

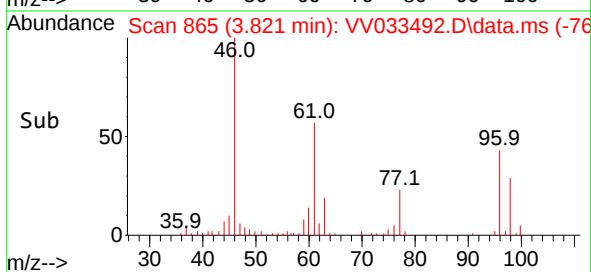
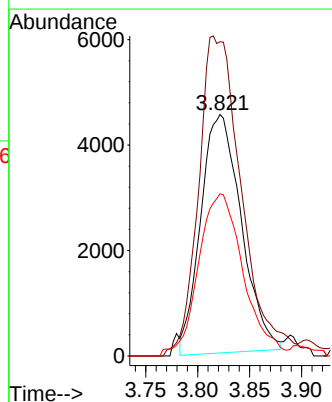
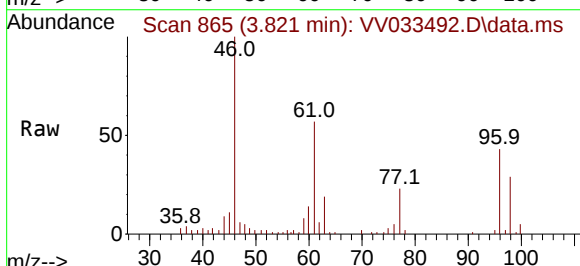
Tgt Ion: 96 Resp: 12295

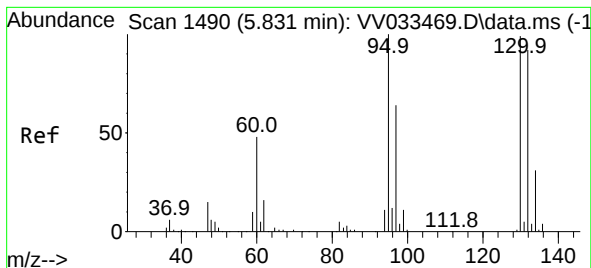
Ion Ratio Lower Upper

96 100

61 130.1 81.9 152.1

98 67.2 44.3 82.3





#34

Trichloroethene

Concen: 1.744 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.009 min

Lab File: VV033492.D

Acq: 19 Dec 2023 20:46

Instrument :

MSVOA_V

ClientSampleId :

BH3N2

Tgt Ion: 95 Resp: 3493

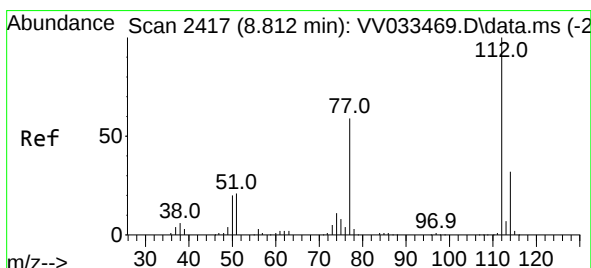
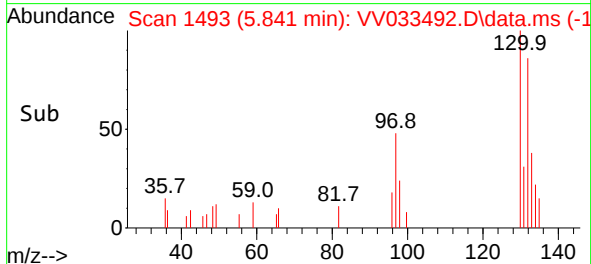
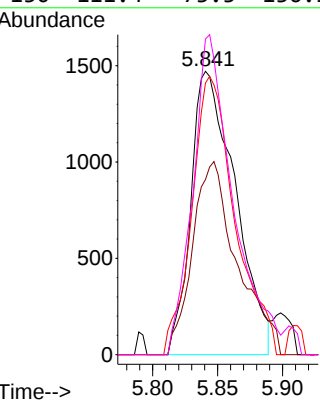
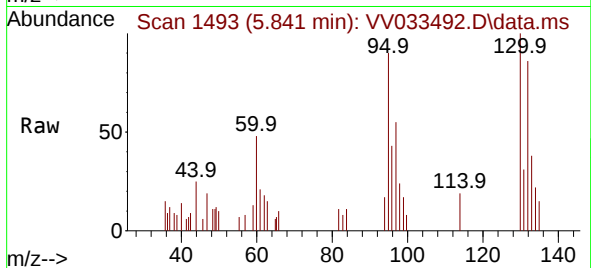
Ion Ratio Lower Upper

95 100

97 61.8 44.8 83.2

132 95.9 69.9 129.7

130 111.4 73.3 136.1



#51

Chlorobenzene

Concen: 6.657 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.006 min

Lab File: VV033492.D

Acq: 19 Dec 2023 20:46

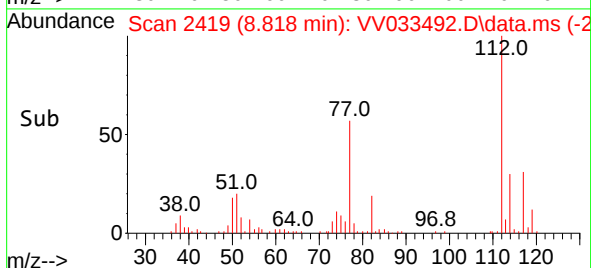
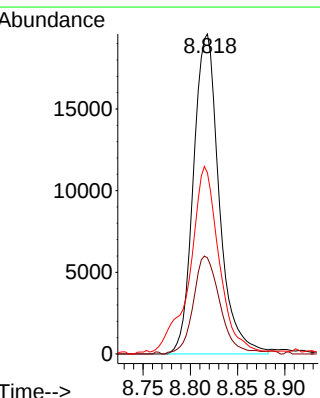
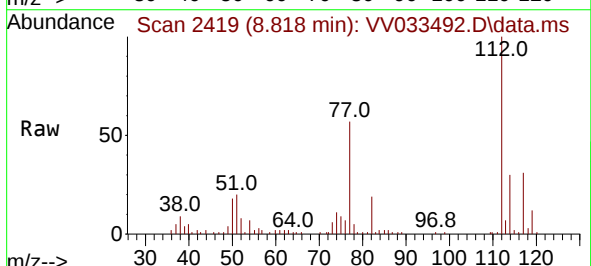
Tgt Ion: 112 Resp: 37122

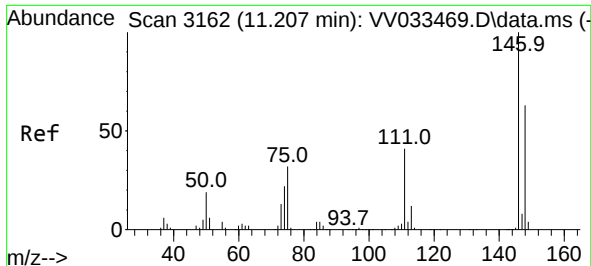
Ion Ratio Lower Upper

112 100

114 30.1 22.5 41.7

77 56.6 45.2 67.8





#65

1,4-Dichlorobenzene

Concen: 1.253 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV033492.D

Acq: 19 Dec 2023 20:46

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BH3N2

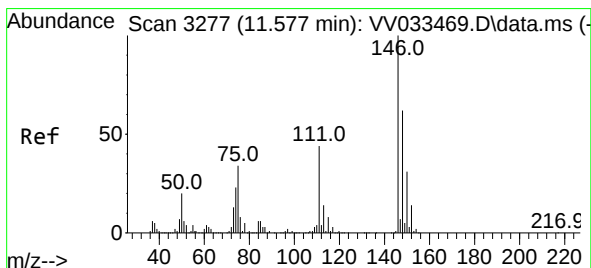
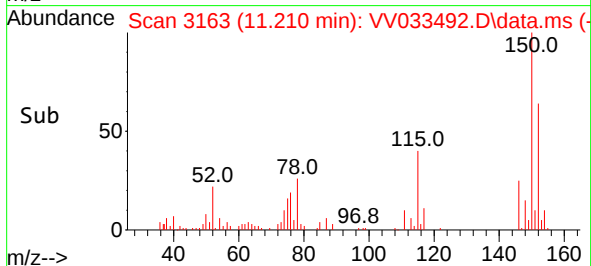
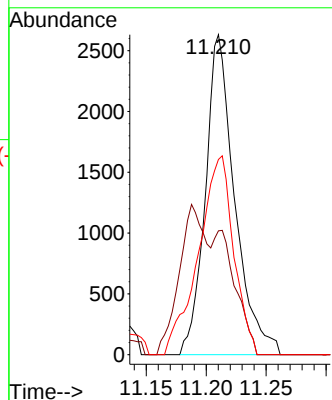
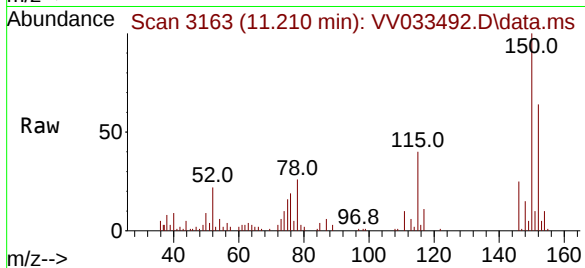
Tgt Ion:146 Resp: 4479

Ion Ratio Lower Upper

146 100

111 38.7 27.9 51.7

148 61.0 45.5 84.5



#67

1,2-Dichlorobenzene

Concen: 1.620 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV033492.D

Acq: 19 Dec 2023 20:46

Tgt Ion:146 Resp: 5600

Ion Ratio Lower Upper

146 100

111 50.3 33.5 50.3#

148 64.2 51.1 76.7

