

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030684.D
 Acq On : 18 Aug 2022 14:50
 Operator : JC/MD
 Sample : N4221-13 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN3

Quant Time: Aug 18 19:29:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

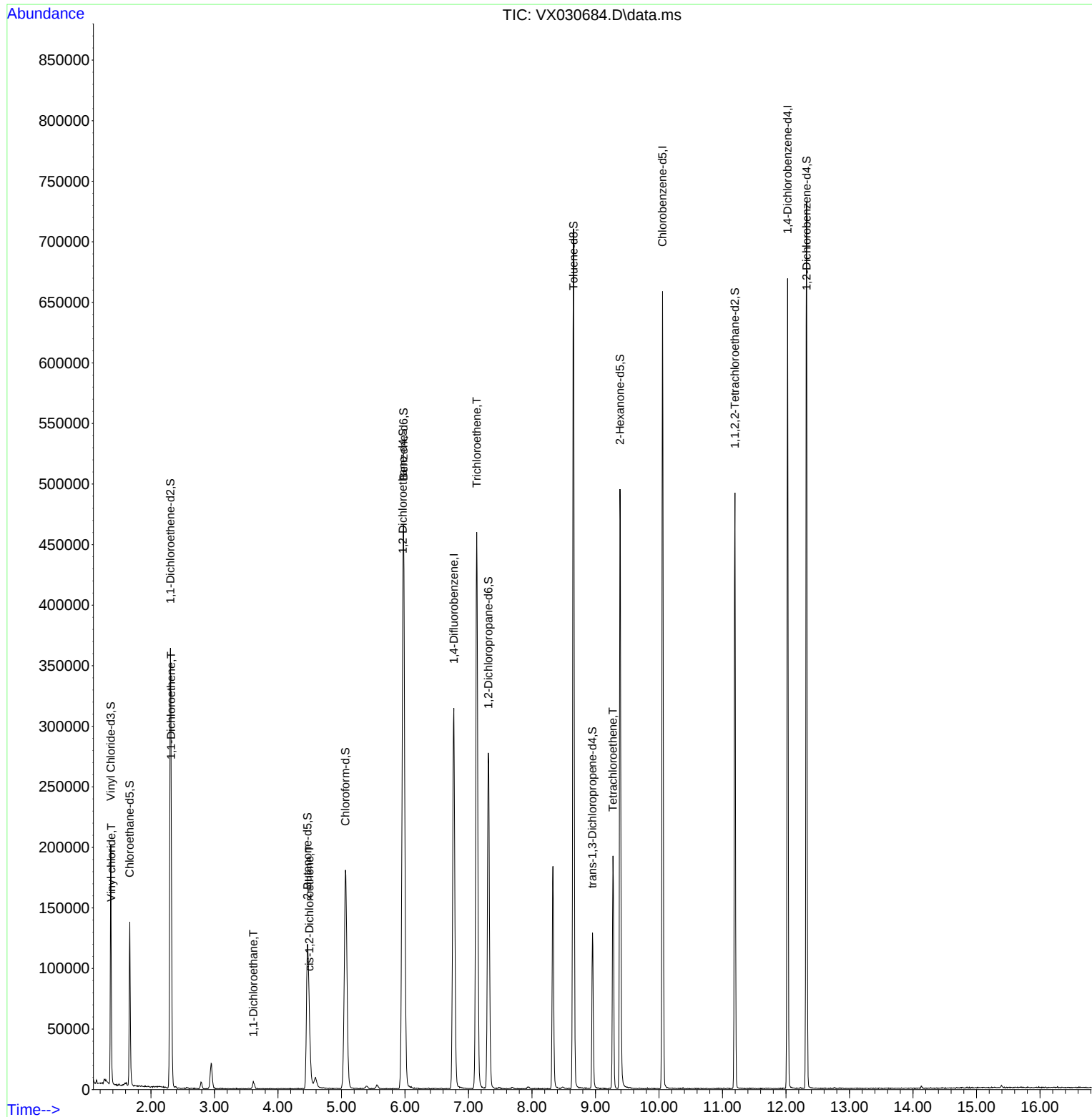
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	321095	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	297782	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129267	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	120437	58.407	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	116.820%	
7) Chloroethane-d5	1.666	69	86692	59.639	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	119.280%	
11) 1,1-Dichloroethene-d2	2.307	63	188535	48.336	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	96.680%	
21) 2-Butanone-d5	4.465	46	197403	103.322	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	103.320%	
24) Chloroform-d	5.062	84	225285	53.074	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.140%	
26) 1,2-Dichloroethane-d4	5.964	65	142066	49.291	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.580%	
32) Benzene-d6	5.977	84	475194	55.709	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	111.420%	
36) 1,2-Dichloropropane-d6	7.312	67	154368	55.780	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	111.560%	
41) Toluene-d8	8.653	98	425245	52.889	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	105.780%	
43) trans-1,3-Dichloroprop...	8.952	79	65163	47.331	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	94.660%	
47) 2-Hexanone-d5	9.385	63	147929	104.867	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	104.870%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	198544	54.612	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	109.220%	
66) 1,2-Dichlorobenzene-d4	12.323	152	144644	57.690	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	115.380%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	3422	1.542	ug/L #	22
12) 1,1-Dichloroethene	2.319	96	34301	19.086	ug/L #	65
19) 1,1-Dichloroethane	3.611	63	6087	1.512	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	14632	6.247	ug/L	75
34) Trichloroethene	7.129	95	179493	64.911	ug/L	86
46) Tetrachloroethene	9.275	164	34344	19.652	ug/L	98

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

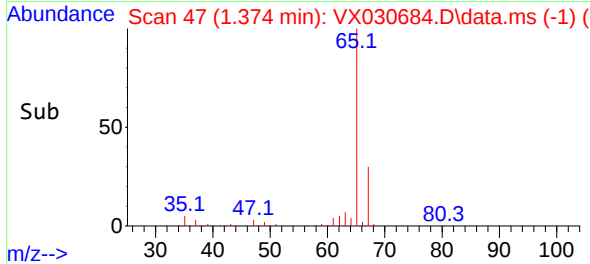
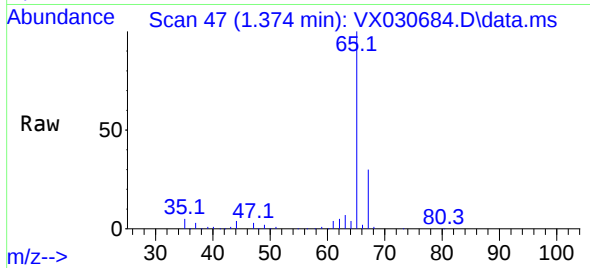
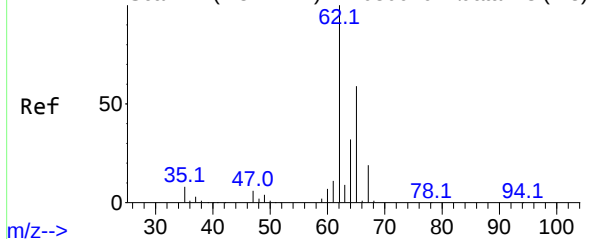
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QLast Update : Thu Aug 18 04:21:09 2022
Response via : Initial Calibration



Abundance Scan 47 (1.374 min): VX030676.D\data.ms (-43)



#5

Vinyl chloride

Concen: 1.542 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX030684.D

Acq: 18 Aug 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

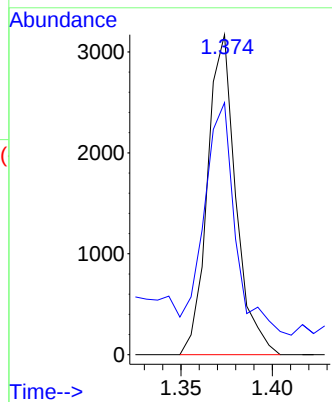
C0KN3

Tgt Ion: 62 Resp: 3422

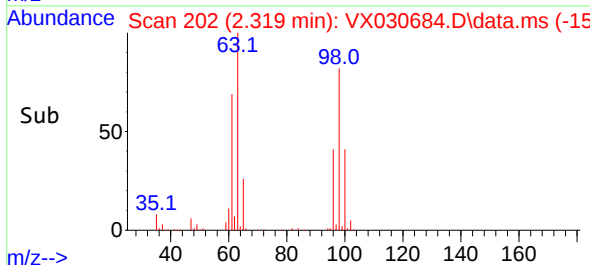
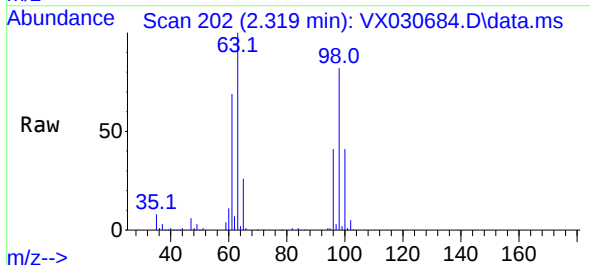
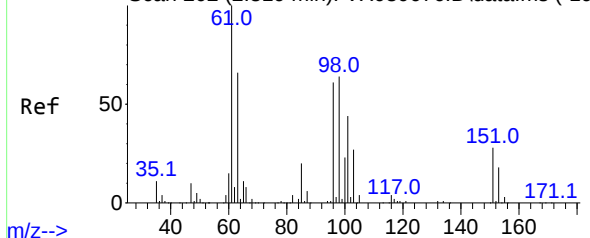
Ion Ratio Lower Upper

62 100

64 78.7 23.8 44.2#



Abundance Scan 202 (2.319 min): VX030676.D\data.ms (-19)



#12

1,1-Dichloroethene

Concen: 19.086 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX030684.D

Acq: 18 Aug 2022 14:50

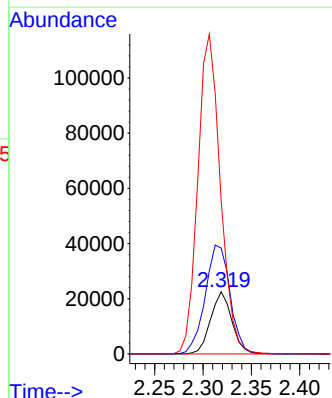
Tgt Ion: 96 Resp: 34301

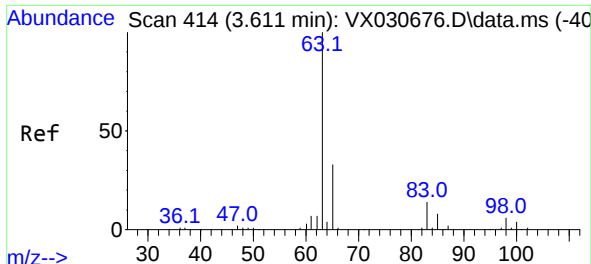
Ion Ratio Lower Upper

96 100

61 170.0 130.2 241.8

63 245.9 113.5 210.9#

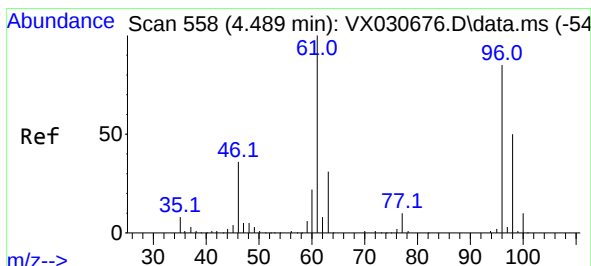
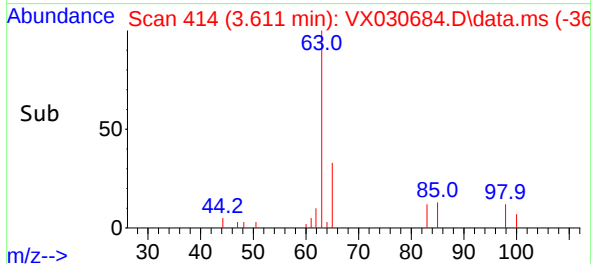
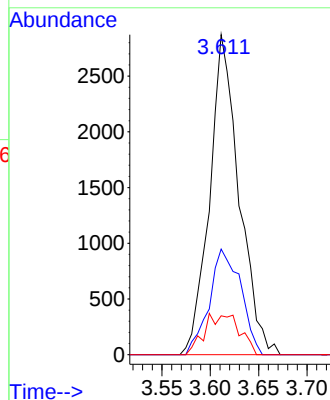
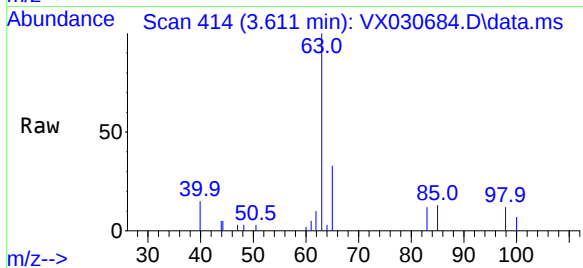




#19
1,1-Dichloroethane
Concen: 1.512 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX030684.D
Acq: 18 Aug 2022 14:50

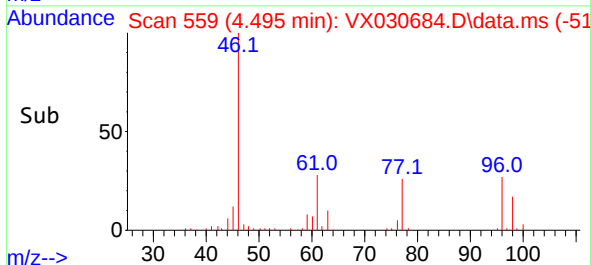
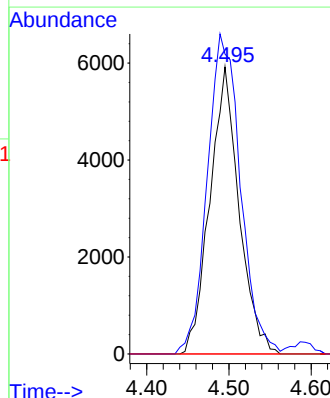
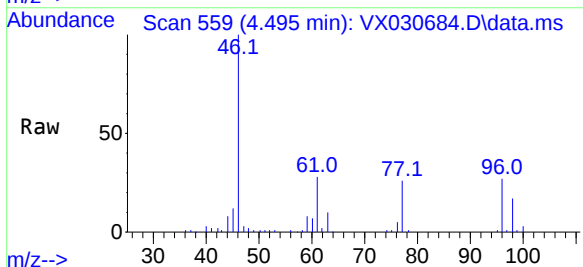
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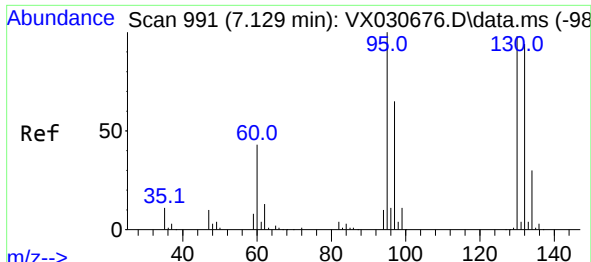
Tgt Ion: 63 Resp: 6087
Ion Ratio Lower Upper
63 100
65 33.0 22.0 40.8
83 12.2 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 6.247 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX030684.D
Acq: 18 Aug 2022 14:50

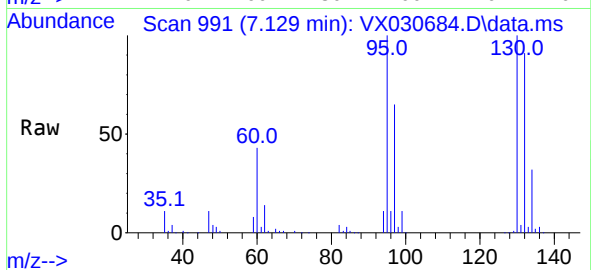
Tgt Ion: 96 Resp: 14632
Ion Ratio Lower Upper
96 100
61 104.5 94.0 174.6
68 0.0 0.0 0.0



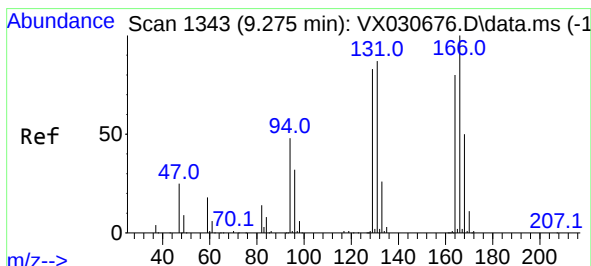
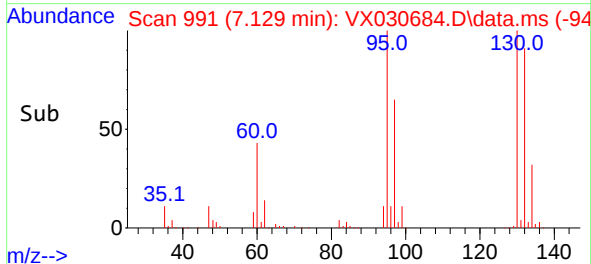
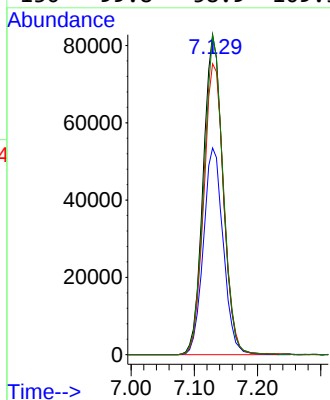


#34
Trichloroethene
Concen: 64.911 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030684.D
Acq: 18 Aug 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
C0KN3



Tgt Ion: 95 Resp: 179493
Ion Ratio Lower Upper
95 100
97 64.6 40.2 74.6
132 90.9 55.3 102.7
130 99.8 58.9 109.5



#46
Tetrachloroethene
Concen: 19.652 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030684.D
Acq: 18 Aug 2022 14:50

Tgt Ion: 164 Resp: 34344
Ion Ratio Lower Upper
164 100
129 102.9 72.7 135.1
131 96.7 69.9 129.9
166 129.4 88.3 164.1

