

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030449.D
 Acq On : 05 Aug 2022 23:36
 Operator : JC/MD
 Sample : N4066-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E27

Quant Time: Aug 06 02:23:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

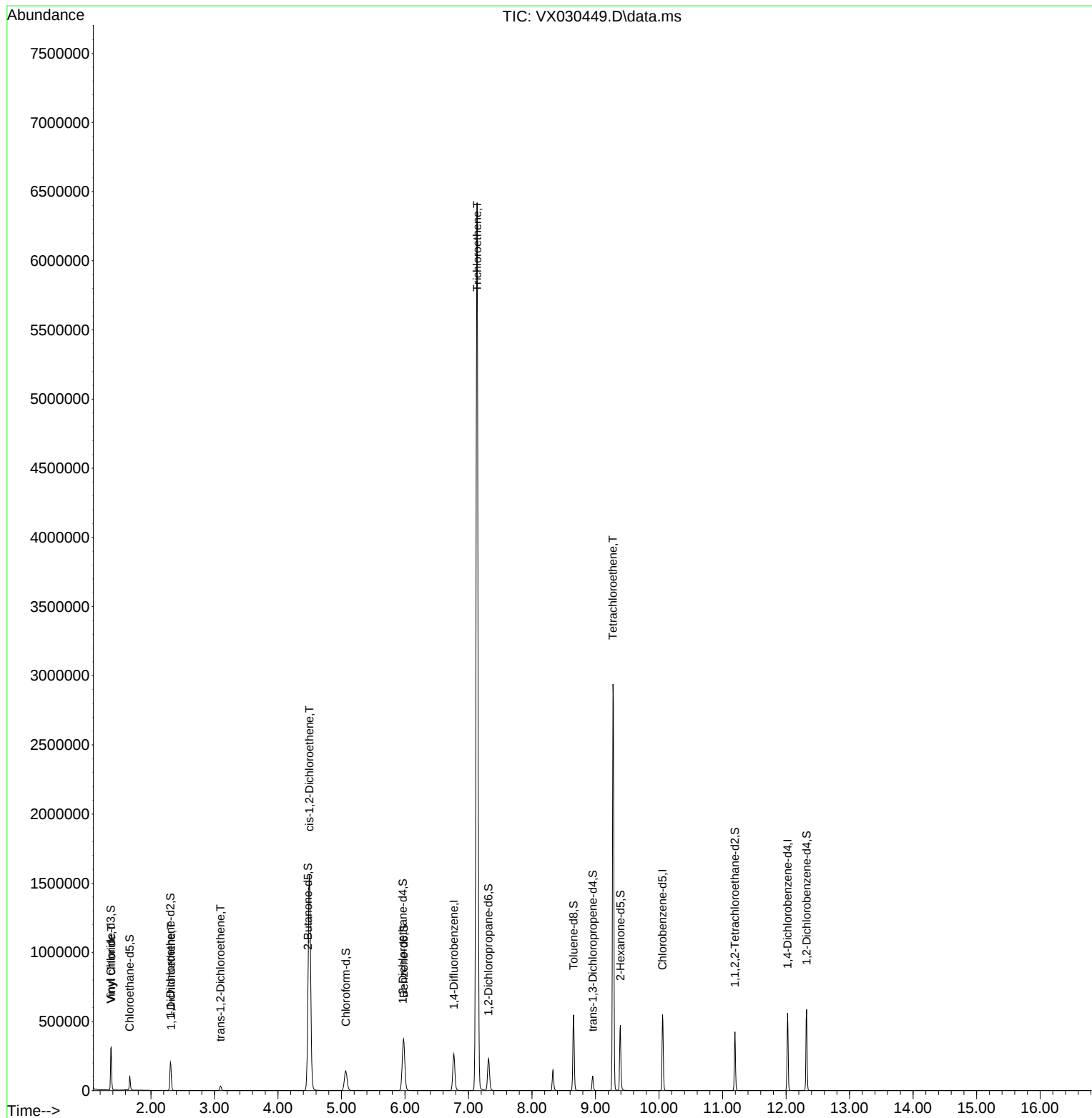
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	256588	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	229829	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104024	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	76899	46.669	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	93.340%	
7) Chloroethane-d5	1.666	69	61258	52.736	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	105.480%	
11) 1,1-Dichloroethene-d2	2.306	63	115376	37.016	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.040%	
21) 2-Butanone-d5	4.471	46	191105	125.172	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	125.170%	
24) Chloroform-d	5.068	84	177114	52.216	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.440%	
26) 1,2-Dichloroethane-d4	5.964	65	126880	55.089	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	110.180%	
32) Benzene-d6	5.983	84	347767	52.825	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.660%	
36) 1,2-Dichloropropane-d6	7.312	67	117036	54.794	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	109.580%	
41) Toluene-d8	8.653	98	305634	49.252	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.500%	
43) trans-1,3-Dichloroprop...	8.958	79	48158	45.321	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.640%	
47) 2-Hexanone-d5	9.390	63	127532	117.139	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	117.140%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	161282	57.479	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	114.960%	
66) 1,2-Dichlorobenzene-d4	12.323	152	108975	54.011	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.020%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	142474	80.343	ug/L	98
12) 1,1-Dichloroethene	2.319	96	3886	2.706	ug/L	# 1
17) trans-1,2-Dichloroethene	3.093	96	11785	7.083	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	915329	489.053	ug/L	100
34) Trichloroethene	7.135	95	2420513	1134.153	ug/L	88
46) Tetrachloroethene	9.275	164	505603	374.857	ug/L	98

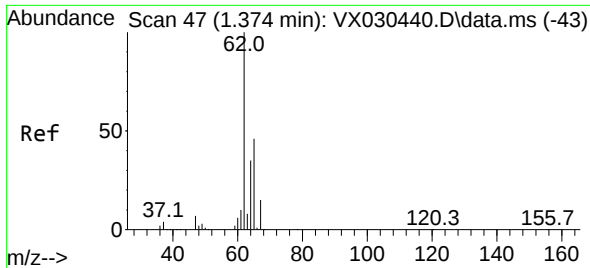
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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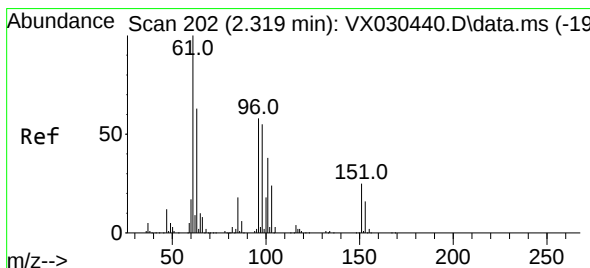
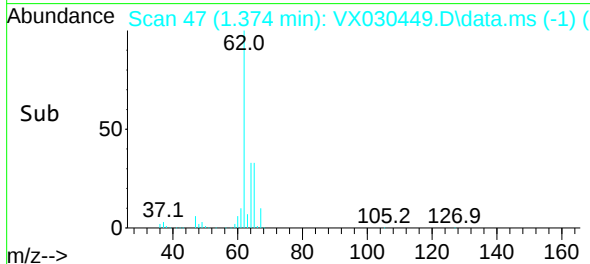
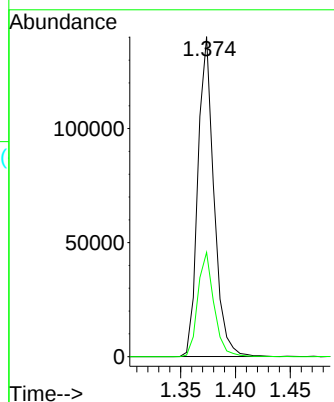
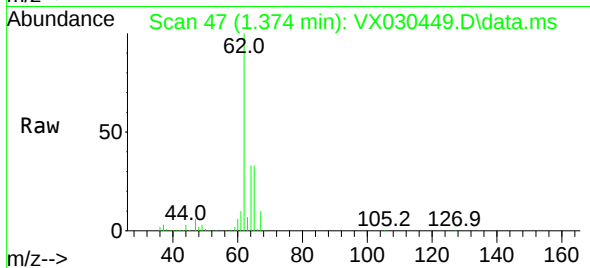




#5
 Vinyl chloride
 Concen: 80.343 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030449.D
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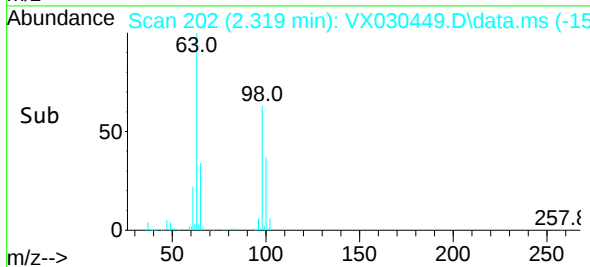
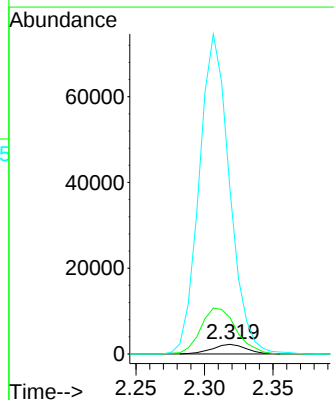
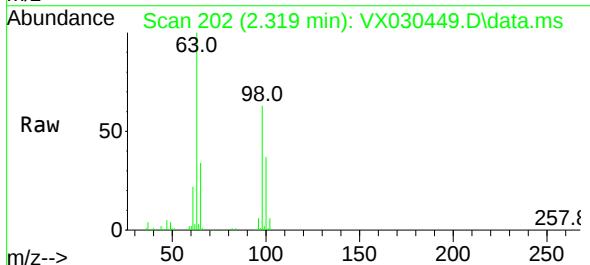
Instrument :
 MSVOA_X
 ClientSampleId :
 F5E27

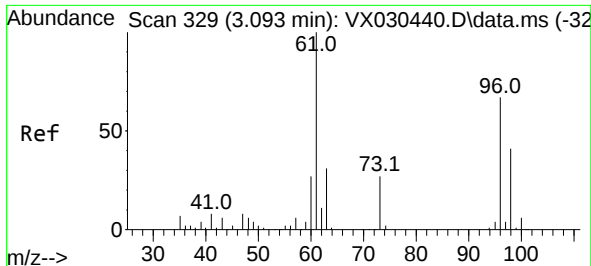
Tgt Ion: 62 Resp: 142474
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 2.706 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030449.D
 Acq: 05 Aug 2022 23:36

Tgt Ion: 96 Resp: 3886
 Ion Ratio Lower Upper
 96 100
 61 379.4 130.2 241.8#
 63 1710.8 113.5 210.9#





#17

trans-1,2-Dichloroethene

Concen: 7.083 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX030449.D

Acq: 05 Aug 2022 23:36

Instrument :

MSVOA_X

ClientSampleId :

F5E27

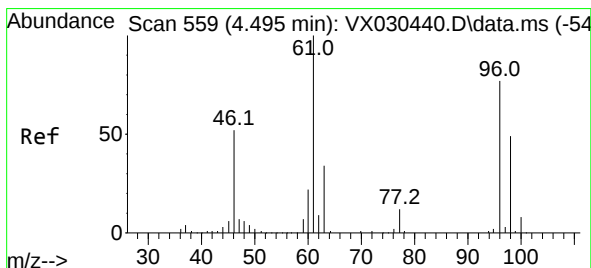
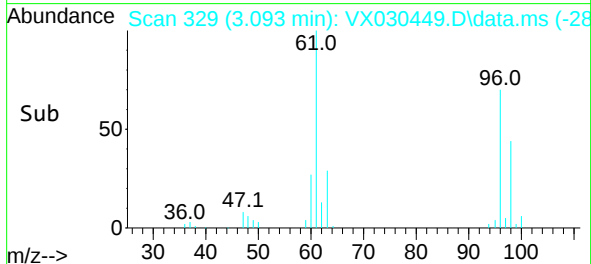
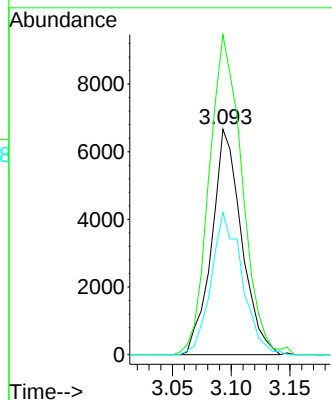
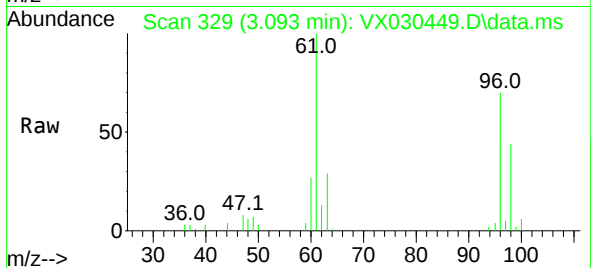
Tgt Ion: 96 Resp: 11785

Ion Ratio Lower Upper

96 100

61 141.9 103.7 192.5

98 63.1 41.5 77.1



#20

cis-1,2-Dichloroethene

Concen: 489.053 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX030449.D

Acq: 05 Aug 2022 23:36

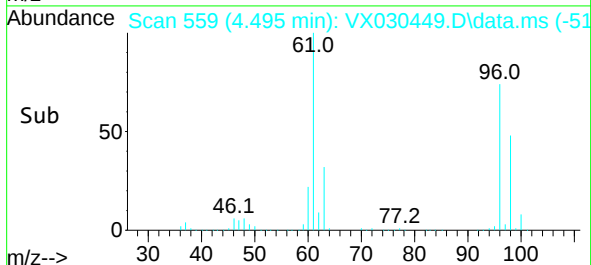
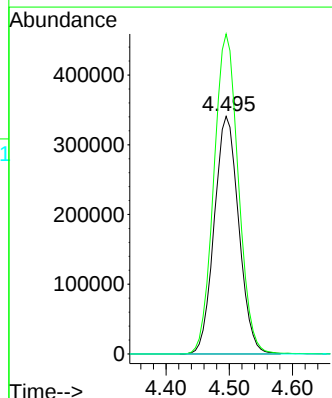
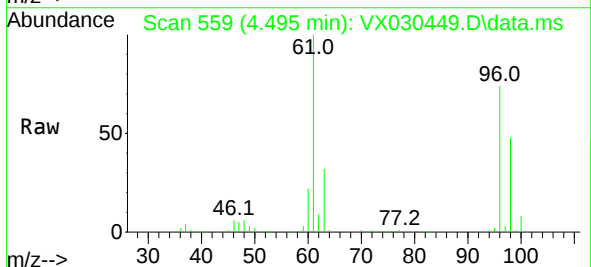
Tgt Ion: 96 Resp: 915329

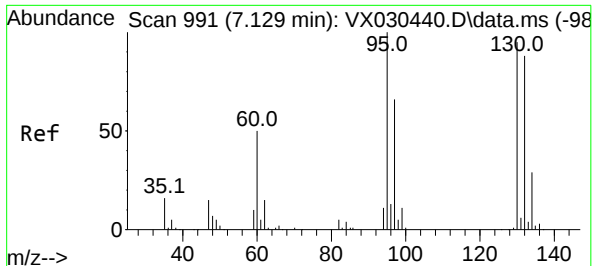
Ion Ratio Lower Upper

96 100

61 134.6 94.0 174.6

68 0.0 0.0 0.0



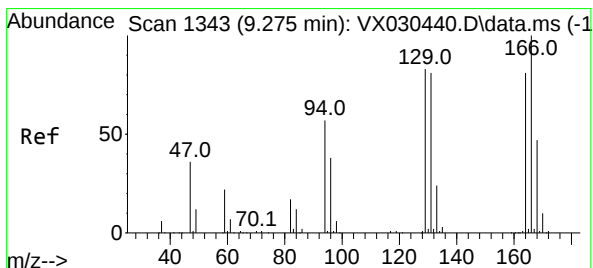
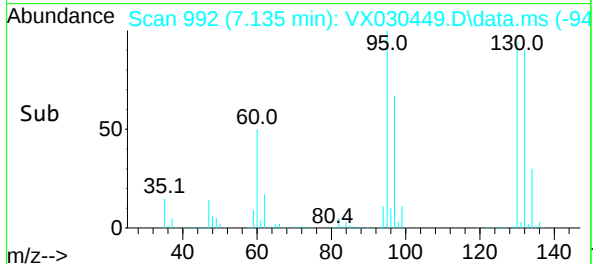
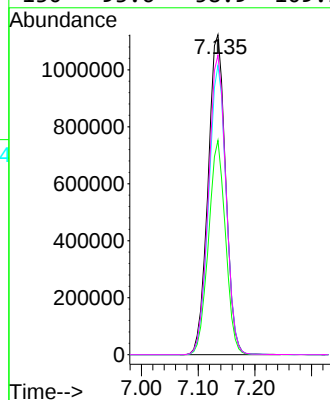
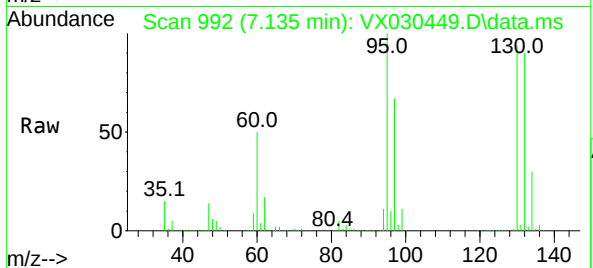


#34
Trichloroethene
Concen: 1134.153 ug/L
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030449.D
Acq: 05 Aug 2022 23:36

Instrument :
MSVOA_X
ClientSampleId :
F5E27

Tgt Ion: 95 Resp: 2420513

Ion	Ratio	Lower	Upper
95	100		
97	66.9	40.2	74.6
132	90.4	55.3	102.7
130	93.6	58.9	109.5



#46
Tetrachloroethene
Concen: 374.857 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030449.D
Acq: 05 Aug 2022 23:36

Tgt Ion: 164 Resp: 505603

Ion	Ratio	Lower	Upper
164	100		
129	108.0	72.7	135.1
131	101.0	69.9	129.9
166	124.3	88.3	164.1

