

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061948.D
 Acq On : 22 Nov 2024 04:31
 Operator : MD/SY
 Sample : P4904-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG417

Quant Time: Nov 22 04:54:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 00:07:48 2024
 Response via : Initial Calibration

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

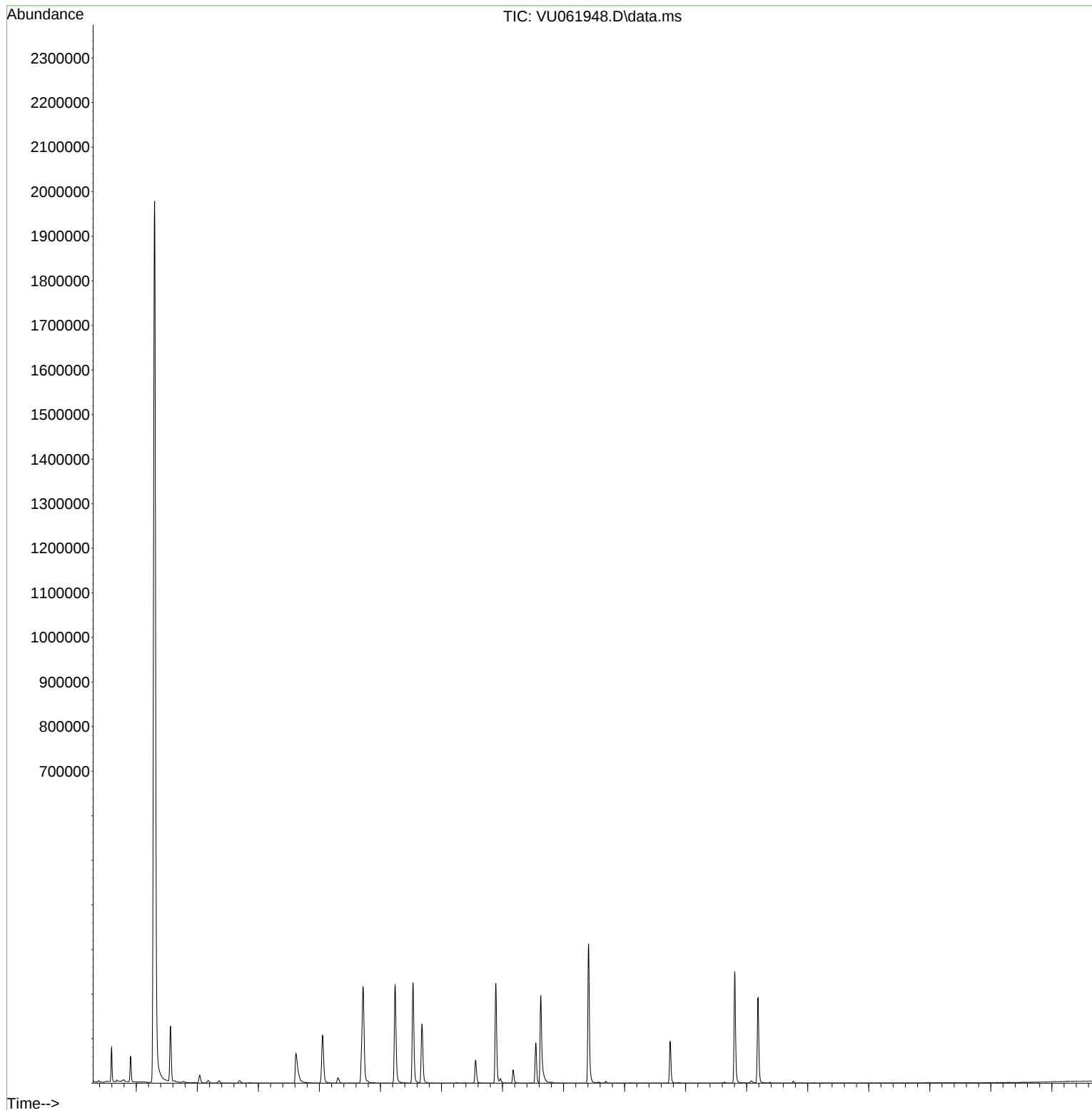
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	186940	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	175007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69965	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54180	5.909	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.200%
7) Chloroethane-d5	1.907	69	42830	5.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.560	65	23493	6.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	128.200%#
20) 2-Butanone-d5	4.615	46	103244	35.855	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.700%
24) Chloroform-d	5.052	84	103164	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.692	65	54096	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.718	84	207024	6.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.400%
36) 1,2-Dichloropropane-d6	6.679	67	67649	5.839	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.800%
41) Toluene-d8	7.891	98	154769	5.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
43) trans-1,3-Dichloroprop...	8.174	79	18133	4.228	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.624	63	65336	33.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48619	4.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	53878	5.208	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
16) Methylene chloride	3.039	84	8737	0.580	ug/L	95
17) Methyl tert-butyl Ether	3.351	73	6012	0.187	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	4308	0.289	ug/L	93
29) 1,1,1-Trichloroethane	5.306	97	8980	0.445	ug/L	97
34) Trichloroethene	6.534	95	82560	5.853	ug/L	98
47) Tetrachloroethene	8.547	164	19875	1.937	ug/L	93

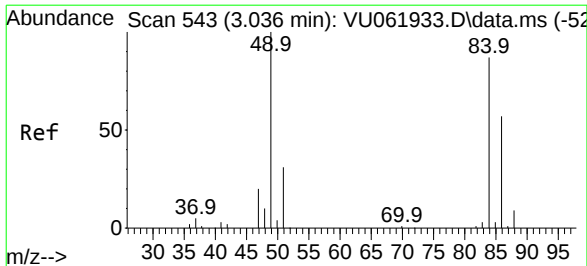
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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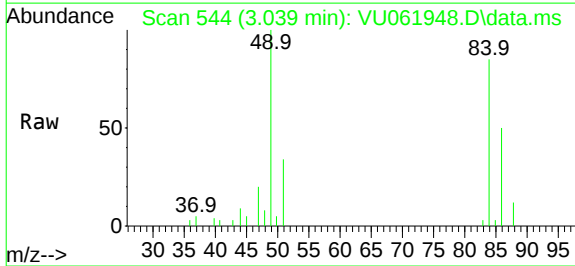
Quant Time: Nov 22 04:54:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
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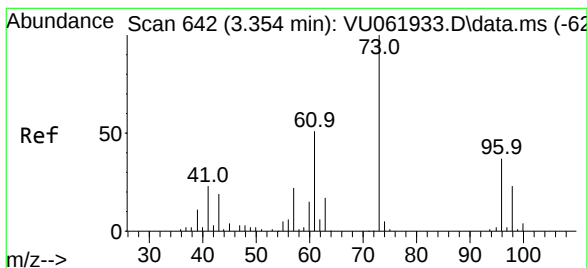
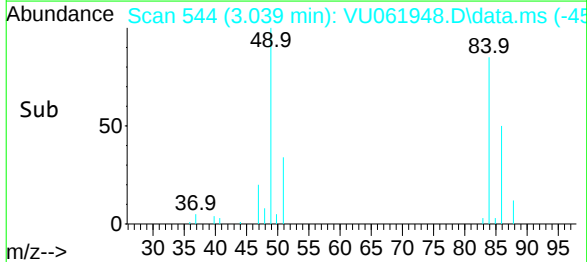
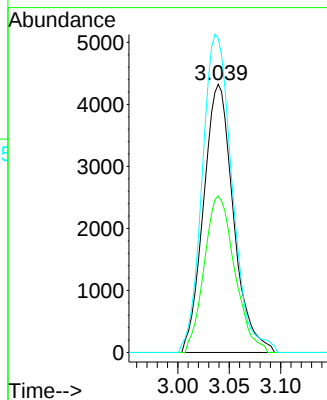


#16
Methylene chloride
Concen: 0.580 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU061948.D
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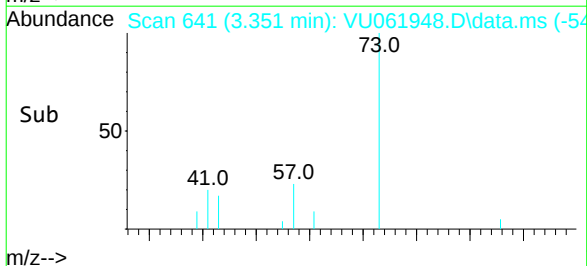
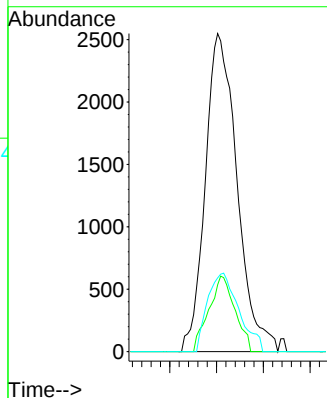
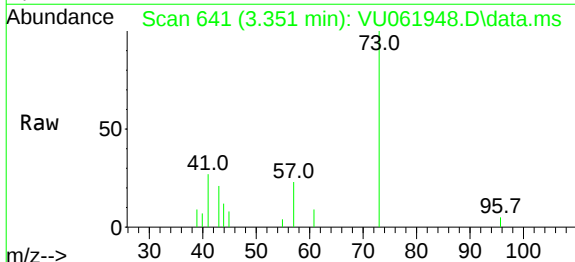


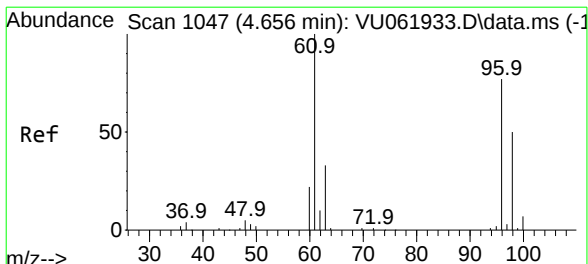
Tgt Ion: 84	Resp: 8737
Ion Ratio	Lower Upper
84	100
86	58.3 43.5 80.7
49	122.6 81.9 152.1



#17
Methyl tert-butyl Ether
Concen: 0.187 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU061948.D
Acq: 22 Nov 2024 04:31

Tgt Ion: 73	Resp: 6012
Ion Ratio	Lower Upper
73	100
43	19.5 16.3 24.5
57	24.3 17.1 25.7

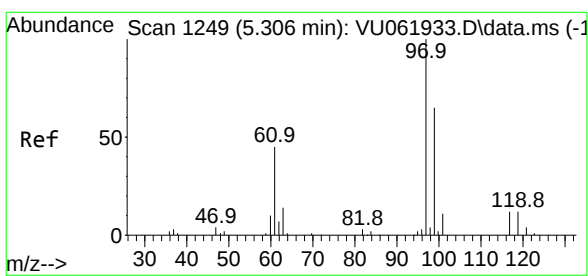
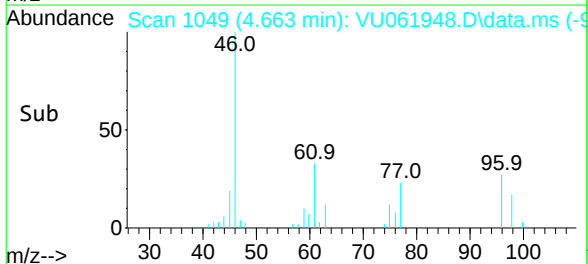
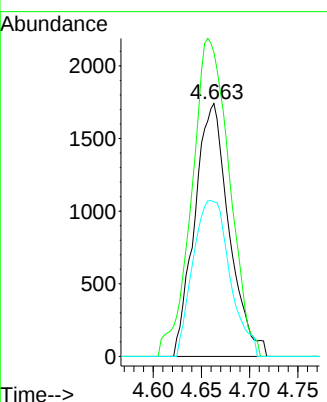
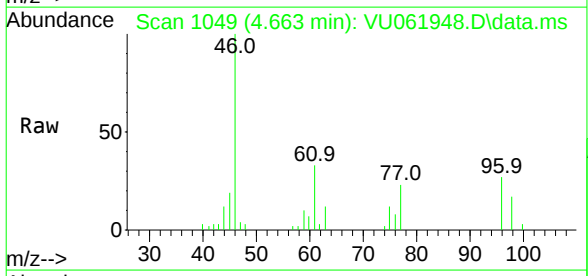




#22
 cis-1,2-Dichloroethene
 Concen: 0.289 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.007 min
 Lab File: VU061948.D
 Acq: 22 Nov 2024 04:31

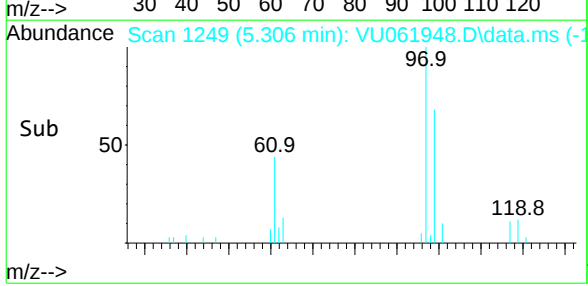
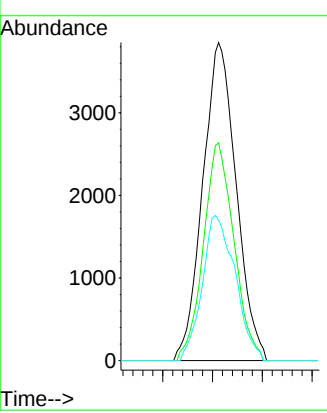
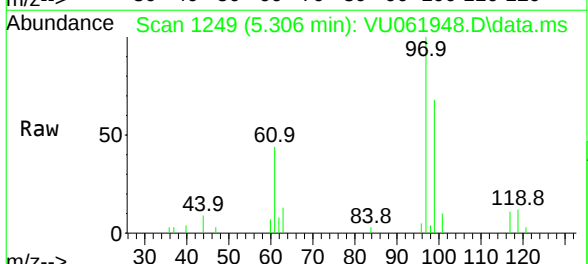
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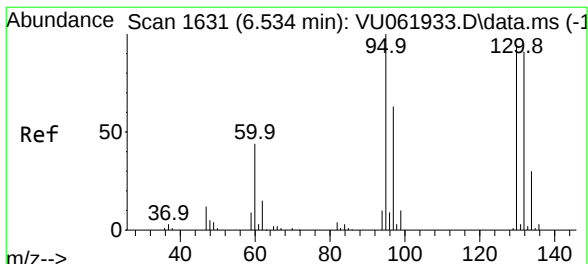
Tgt Ion:	96	Resp:	4308
Ion	Ratio	Lower	Upper
96	100		
61	120.2	92.0	170.8
98	61.1	44.5	82.7



#29
 1,1,1-Trichloroethane
 Concen: 0.445 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU061948.D
 Acq: 22 Nov 2024 04:31

Tgt Ion:	97	Resp:	8980
Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.4	77.2
61	44.8	37.8	56.6

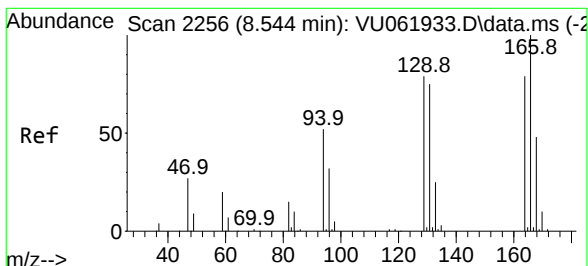
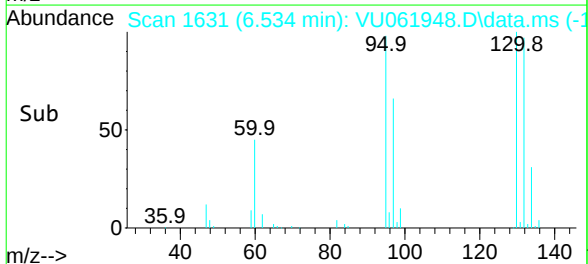
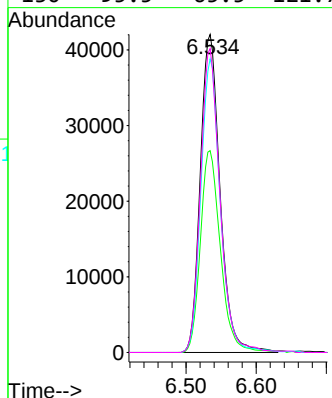
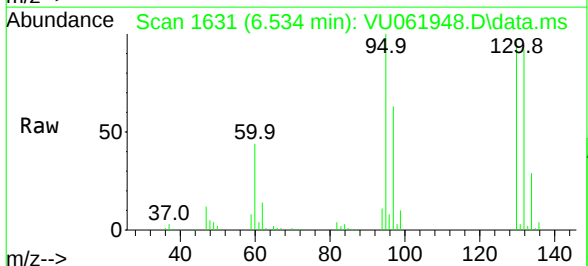




#34
 Trichloroethene
 Concen: 5.853 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061948.D
 Acq: 22 Nov 2024 04:31

Instrument :
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Tgt Ion:	95	Resp:	82560
Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.9	85.3
132	92.3	63.8	118.4
130	95.5	65.5	121.7



#47
 Tetrachloroethene
 Concen: 1.937 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. 0.003 min
 Lab File: VU061948.D
 Acq: 22 Nov 2024 04:31

Tgt Ion:	164	Resp:	19875
Ion	Ratio	Lower	Upper
164	100		
129	99.3	73.2	136.0
131	91.6	72.3	134.3
166	122.0	90.2	167.4

