

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
 Data File : VU055561.D
 Acq On : 27 Sep 2023 19:13
 Operator : MD/SY
 Sample : 04530-09DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY5DL

Quant Time: Sep 27 23:37:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

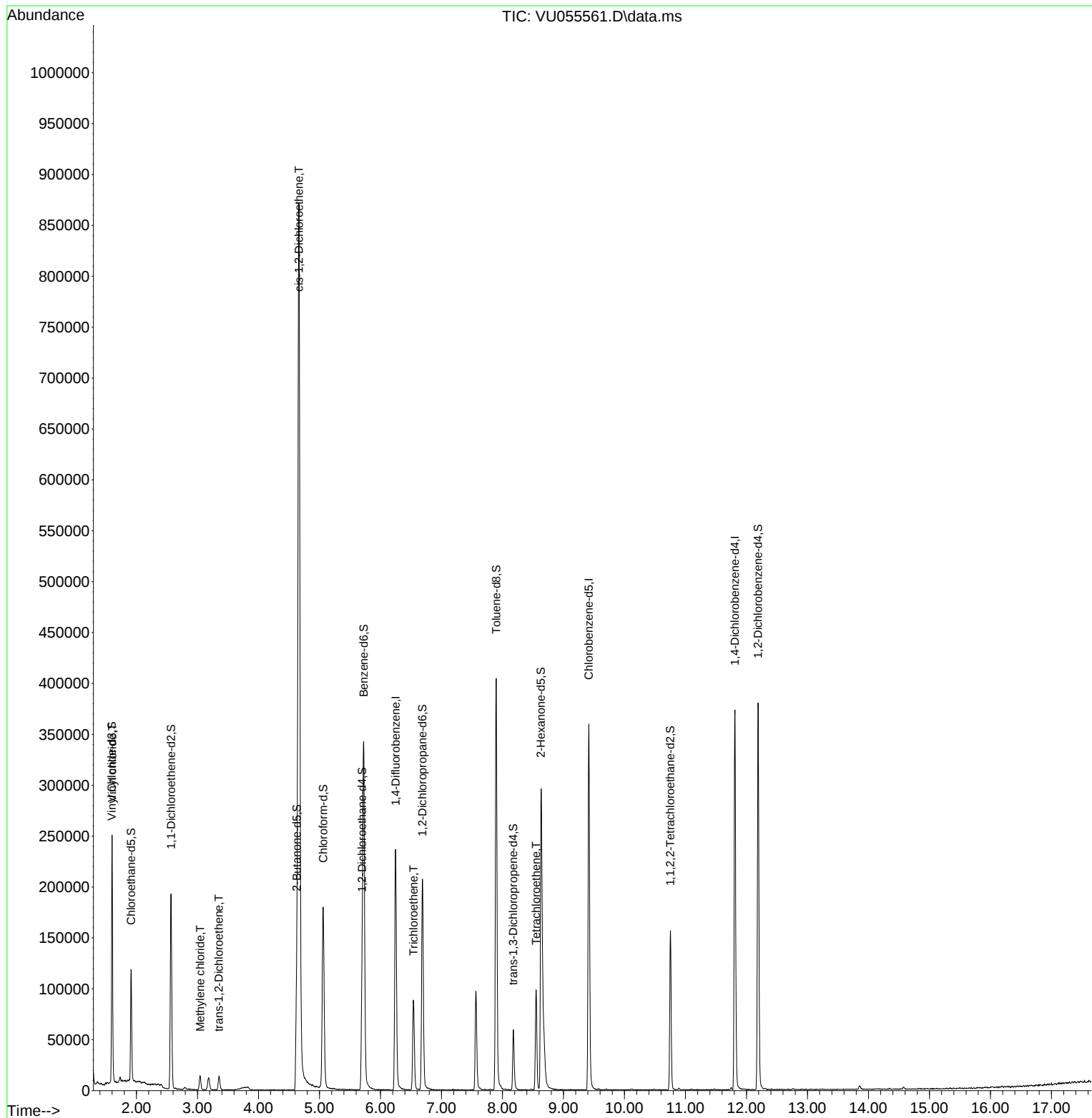
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	200209	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	211158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	102367	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	91101	4.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.911	69	77462	4.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.567	65	35846	4.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.628	46	173777	47.546	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.100%
24) Chloroform-d	5.058	84	170145	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.698	65	81359	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.724	84	334348	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.685	67	104055	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.898	98	284403	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.177	79	35224	4.548	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.631	63	94073	39.936	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.880%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78191	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	101717	4.923	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	91752	4.960	ug/L	98
16) Methylene chloride	3.046	84	6855	0.409	ug/L	92
18) trans-1,2-Dichloroethene	3.351	96	5637	0.400	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	459191	28.072	ug/L	98
34) Trichloroethene	6.541	95	29945	1.742	ug/L	97
47) Tetrachloroethene	8.550	164	22430	1.819	ug/L	98

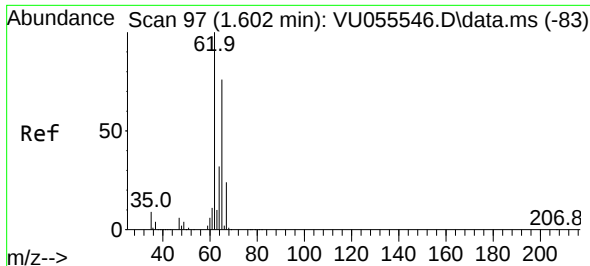
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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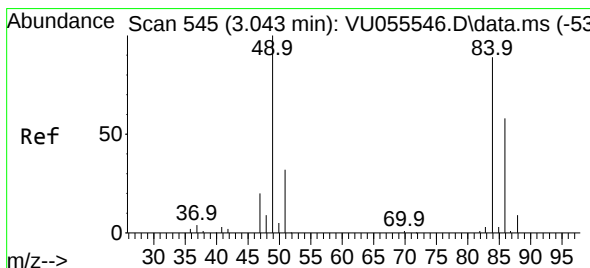
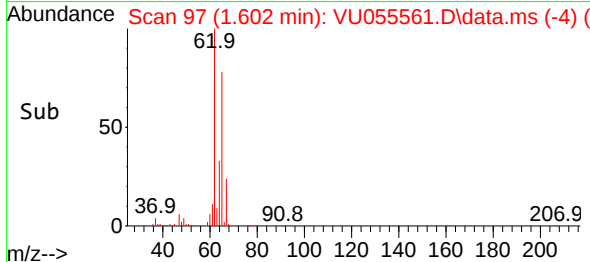
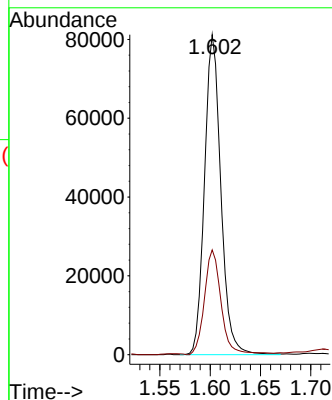
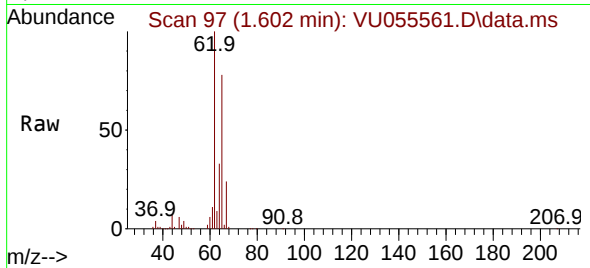




#5
 Vinyl chloride
 Concen: 4.960 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055561.D
 Acq: 27 Sep 2023 19:13

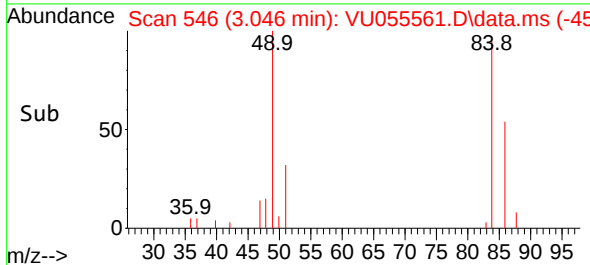
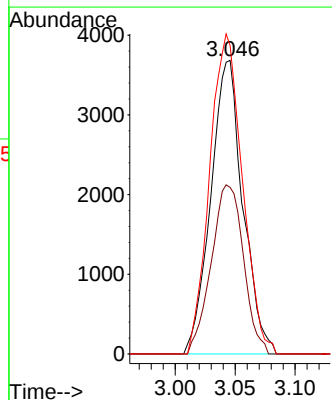
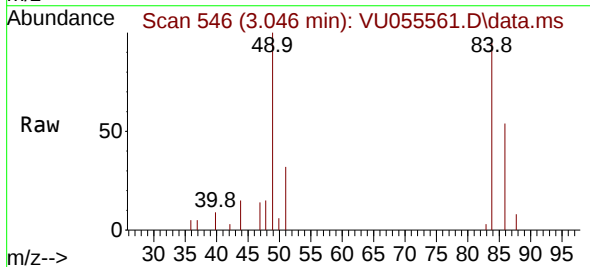
Instrument :
 MSVOA_U
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 EYHY5DL

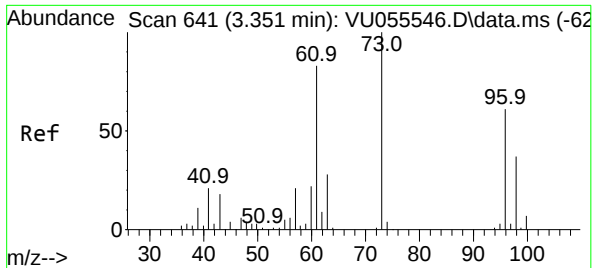
Tgt Ion: 62 Resp: 91752
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.3 41.5



#16
 Methylene chloride
 Concen: 0.409 ug/L
 RT: 3.046 min Scan# 546
 Delta R.T. 0.003 min
 Lab File: VU055561.D
 Acq: 27 Sep 2023 19:13

Tgt Ion: 84 Resp: 6855
 Ion Ratio Lower Upper
 84 100
 86 56.8 44.9 83.3
 49 105.1 78.8 146.3

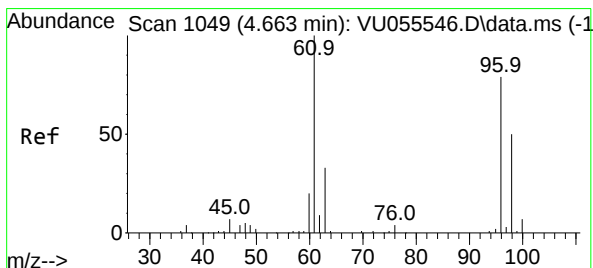
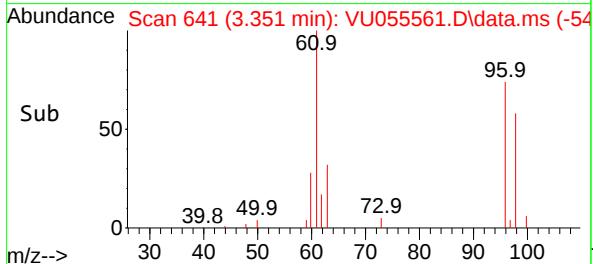
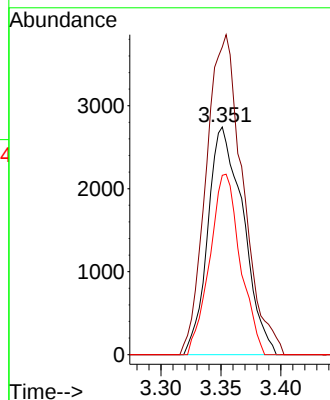
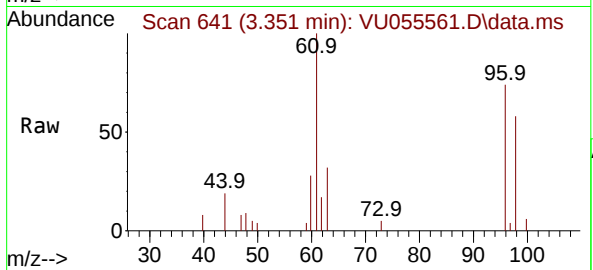




#18
trans-1,2-Dichloroethene
Concen: 0.400 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055561.D
Acq: 27 Sep 2023 19:13

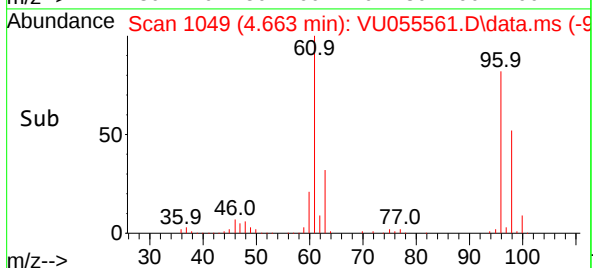
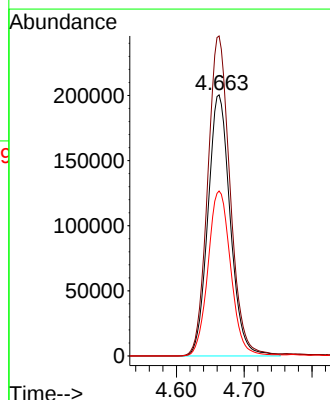
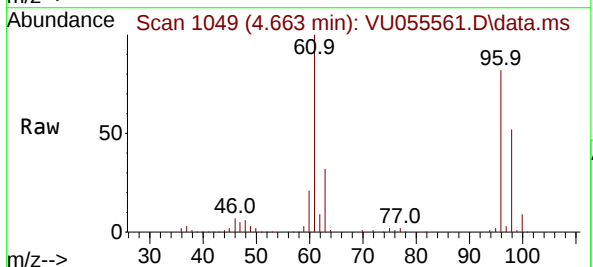
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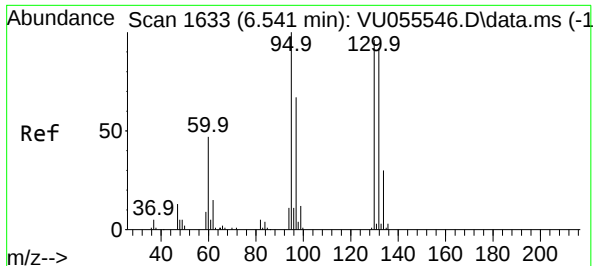
Tgt Ion: 96 Resp: 5637
Ion Ratio Lower Upper
96 100
61 135.1 94.6 175.6
98 78.8 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 28.072 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055561.D
Acq: 27 Sep 2023 19:13

Tgt Ion: 96 Resp: 459191
Ion Ratio Lower Upper
96 100
61 122.5 87.8 163.2
98 63.2 44.4 82.4

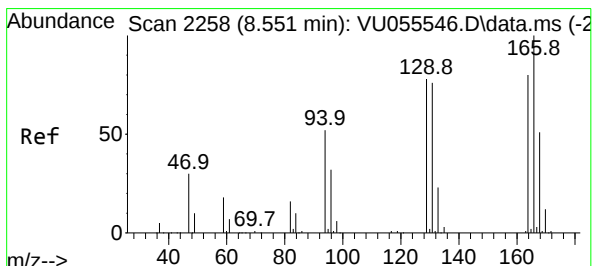
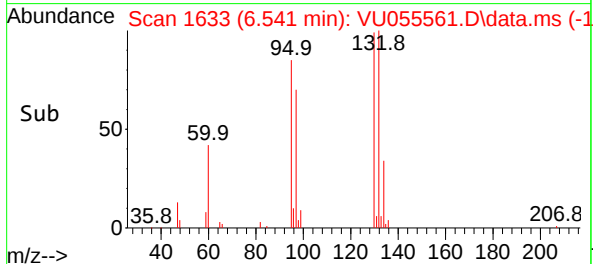
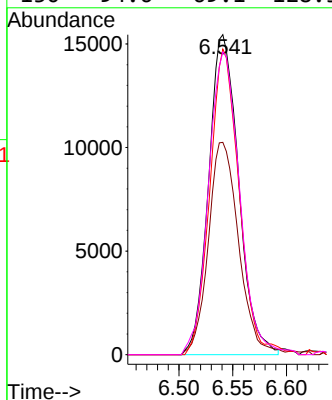
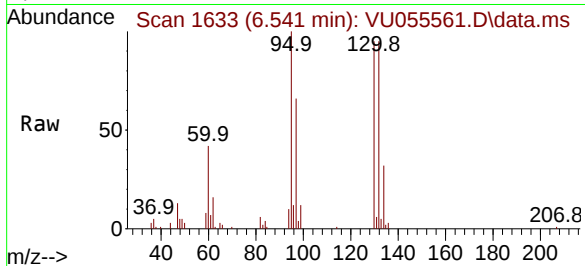




#34
Trichloroethene
Concen: 1.742 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055561.D
Acq: 27 Sep 2023 19:13

Instrument :
MSVOA_U
ClientSampleId :
EYHY5DL

Tgt Ion:	95	Resp:	29945
Ion	Ratio	Lower	Upper
95	100		
97	66.4	45.4	84.2
132	95.5	65.2	121.2
130	94.6	69.1	128.3



#47
Tetrachloroethene
Concen: 1.819 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055561.D
Acq: 27 Sep 2023 19:13

Tgt Ion:	164	Resp:	22430
Ion	Ratio	Lower	Upper
164	100		
129	94.7	67.4	125.2
131	93.0	66.4	123.2
166	128.5	88.8	165.0

