

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050278.D
 Acq On : 12 Aug 2022 13:38
 Operator : SY/MD
 Sample : N4070-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 23:16:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 23:11:34 2022
 Response via : Initial Calibration

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

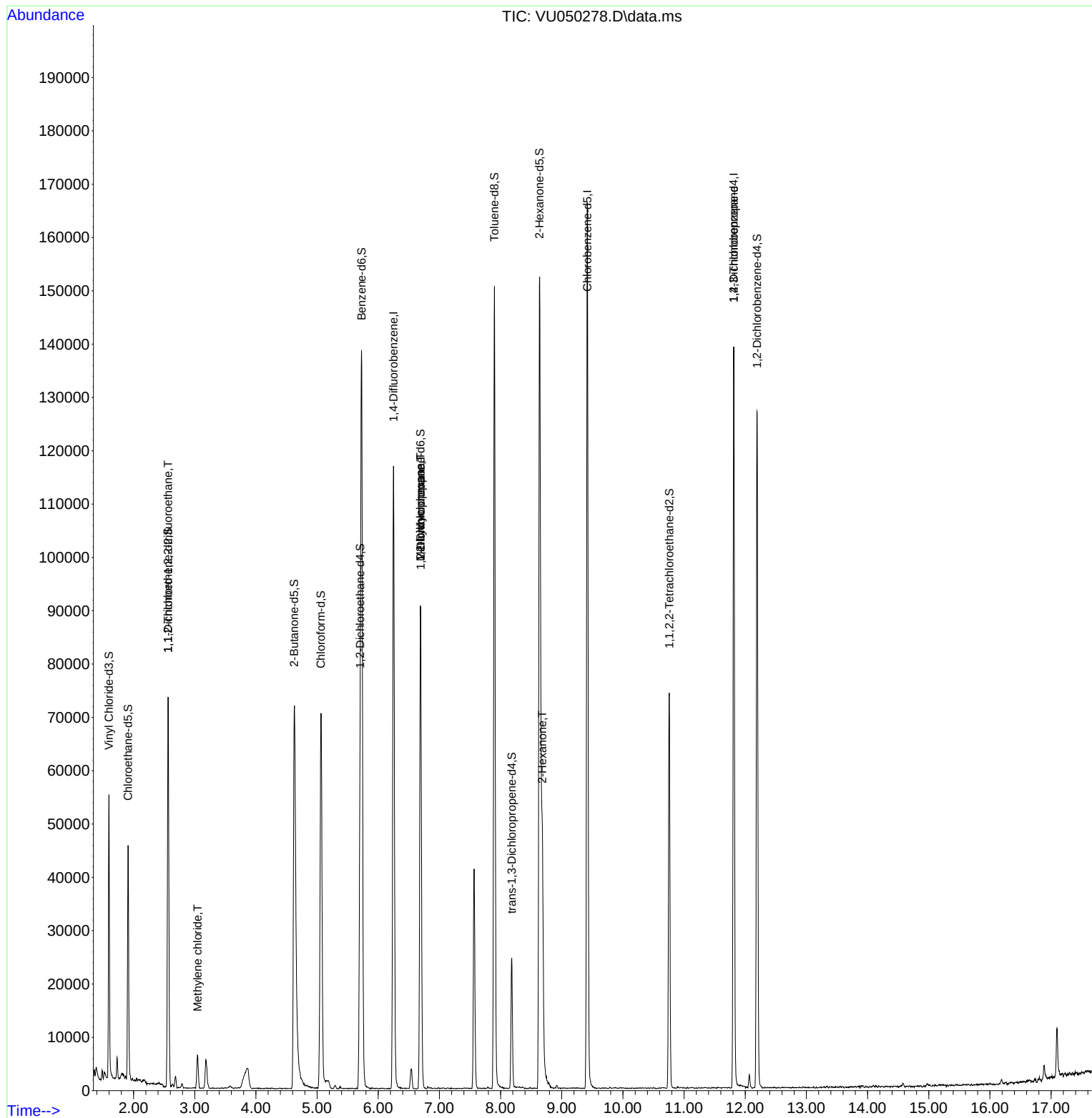
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	96810	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	96630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38883	4.826	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.909	69	32248	4.961	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.200%	
11) 1,1-Dichloroethene-d2	2.565	65	13842	4.396	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.000%	
20) 2-Butanone-d5	4.626	46	97480	49.616	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.240%	
24) Chloroform-d	5.063	84	67170	4.482	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	5.703	65	36656	4.764	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.729	84	132679	4.400	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.690	67	45111	4.543	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.899	98	104176	3.912	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	8.182	79	14585	4.099	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.000%	
46) 2-Hexanone-d5	8.636	63	45675	36.196	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.400%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39138	4.488	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35283	4.764	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	420	0.066	ug/L #	22
16) Methylene chloride	3.047	84	3240	0.317	ug/L	91
35) Methylcyclohexane	6.690	83	10526	0.996	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4317	0.479	ug/L #	89
48) 2-Hexanone	8.684	43	24740	6.124	ug/L #	95
61) 1,2,3-Trichloropropane	11.812	75	4474	0.869	ug/L #	67

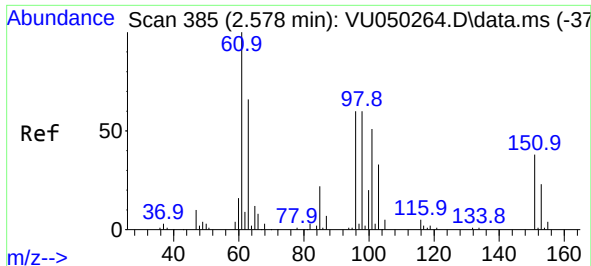
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.066 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

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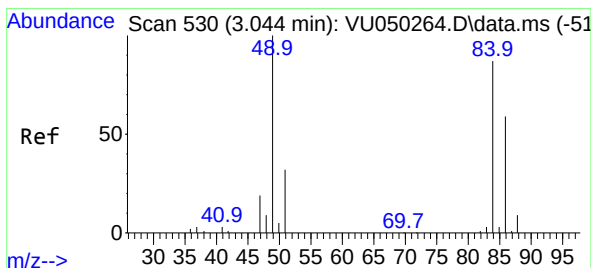
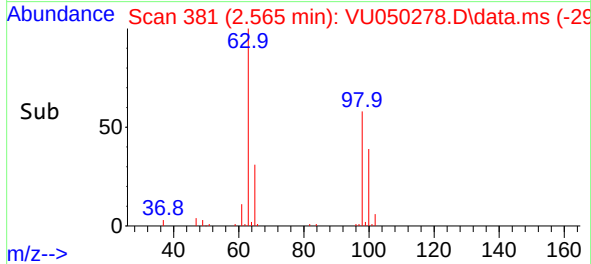
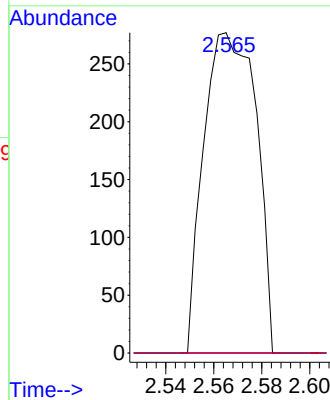
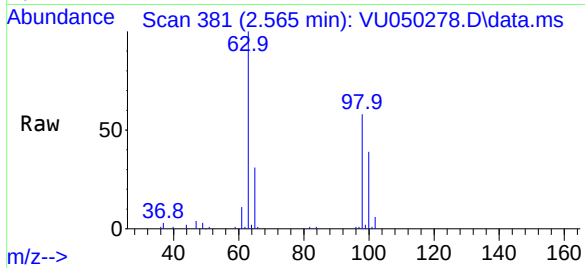
Tgt Ion:101 Resp: 420

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 55.2 82.8#



#16

Methylene chloride

Concen: 0.317 ug/L

RT: 3.047 min Scan# 531

Delta R.T. 0.003 min

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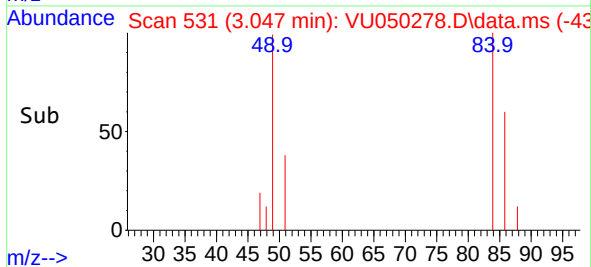
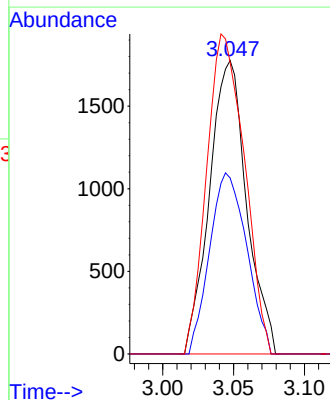
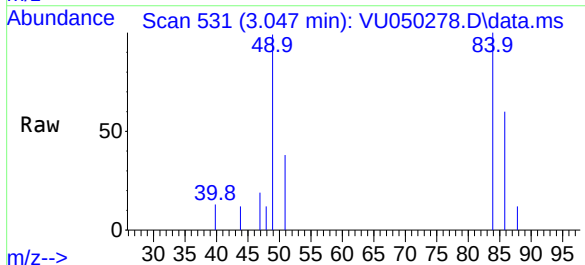
Tgt Ion: 84 Resp: 3240

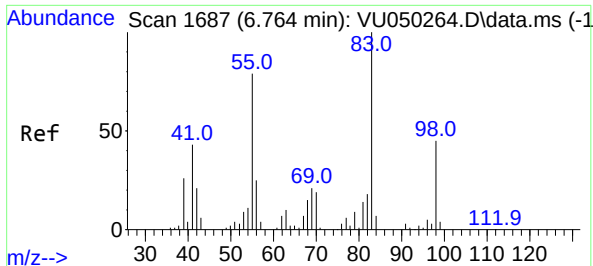
Ion Ratio Lower Upper

84 100

86 60.0 45.9 85.3

49 99.4 77.6 144.0





#35

Methylcyclohexane

Concen: 0.996 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

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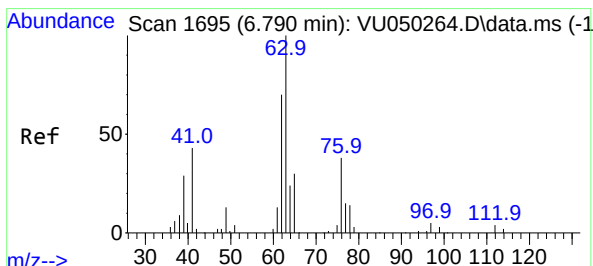
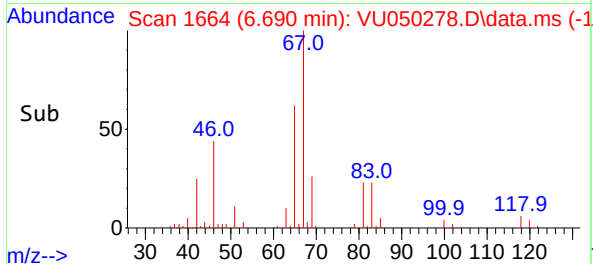
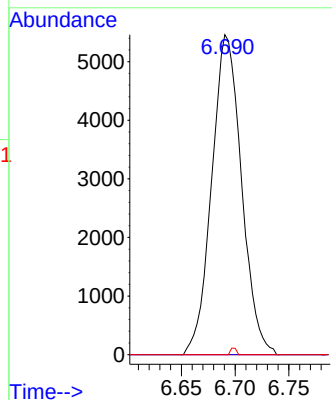
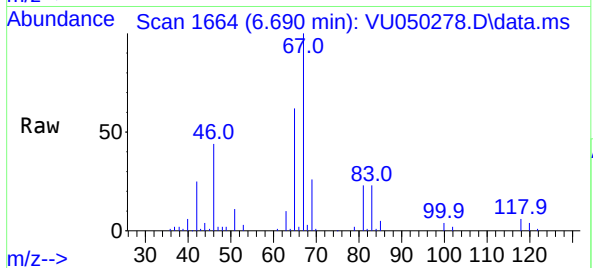
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Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10526
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 0.4	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.479 ug/L

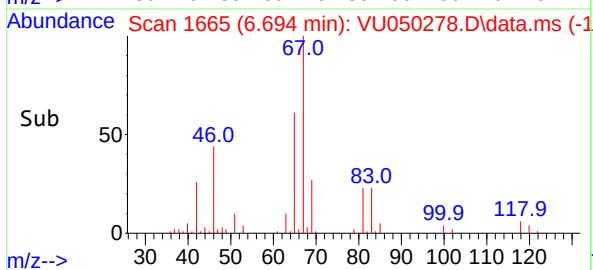
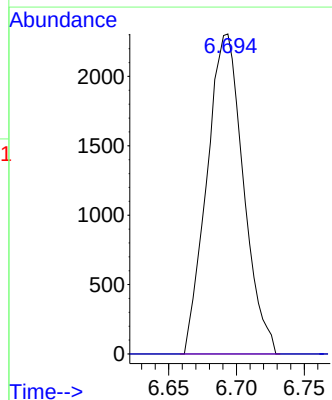
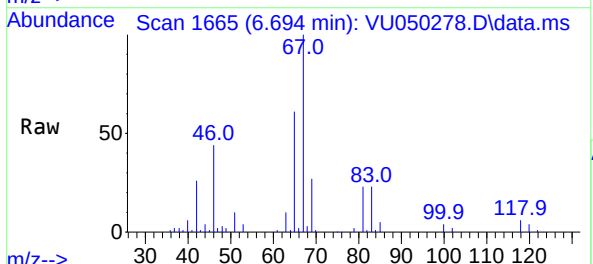
RT: 6.694 min Scan# 1665

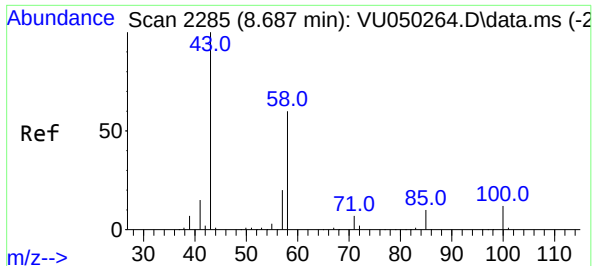
Delta R.T. -0.096 min

Lab File: VU050278.D

Acq: 12 Aug 2022 13:38

Tgt Ion: 63	Resp: 4317
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#

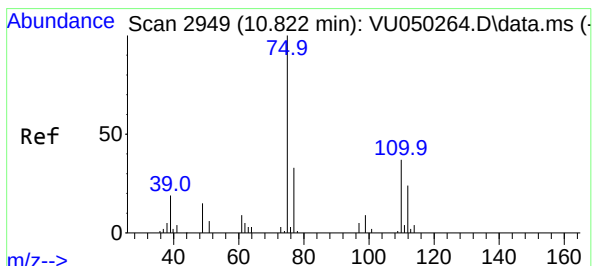
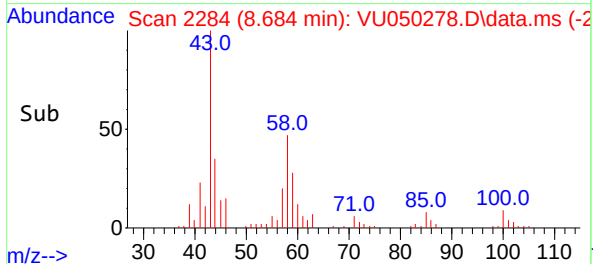
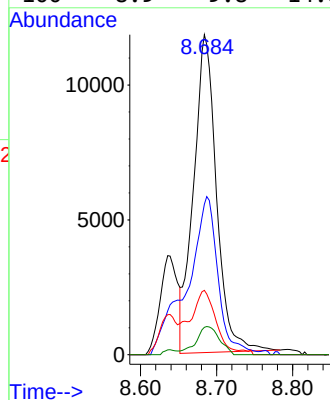
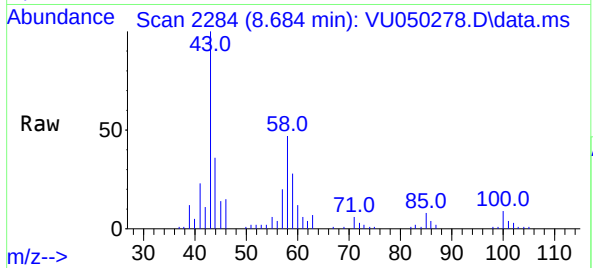




#48
2-Hexanone
Concen: 6.124 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050278.D
Acq: 12 Aug 2022 13:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 24740
Ion Ratio	Lower Upper
43	100
58	67.0 50.6 76.0
57	17.7 16.0 24.0
100	8.9 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 0.869 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050278.D
Acq: 12 Aug 2022 13:38

Tgt Ion: 75	Resp: 4474
Ion Ratio	Lower Upper
75	100
110	0.0 28.5 42.7#
77	33.4 25.8 38.6

