

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058560.D
 Acq On : 10 Apr 2024 15:21
 Operator : MD/SY
 Sample : P2014-05 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:31:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

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

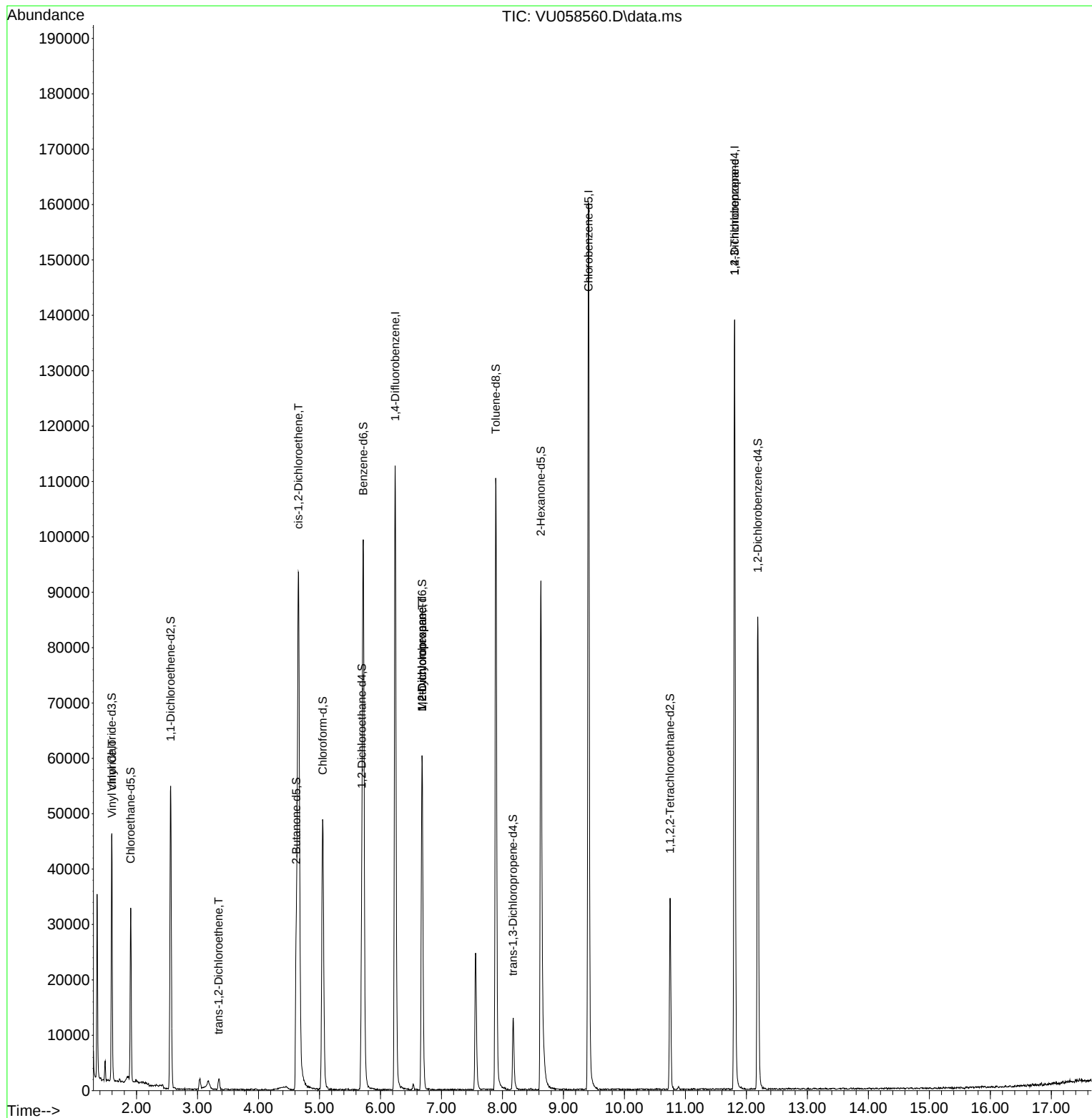
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86845	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	84582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23272	4.048	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.904	69	21173	4.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.560	65	10649	4.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.621	46	44600	36.808	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.620%
24) Chloroform-d	5.052	84	45521	3.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	5.695	65	23072	4.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.717	84	91291	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.682	67	29424	4.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.891	98	75059	3.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.174	79	8279	3.735	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.631	63	31070	33.982	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	17096	3.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	22269	3.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.000%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	7961	0.900	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	876	0.136	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	44152	6.095	ug/L	98
35) Methylcyclohexane	6.682	83	6317	0.543	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3145	0.390	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	5211	1.429	ug/L #	70

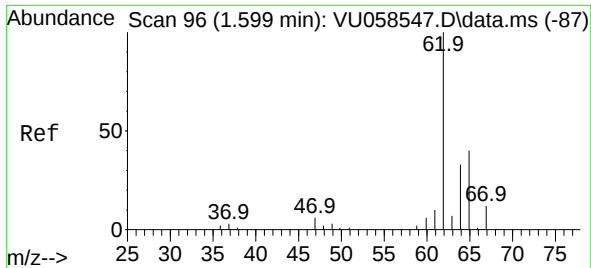
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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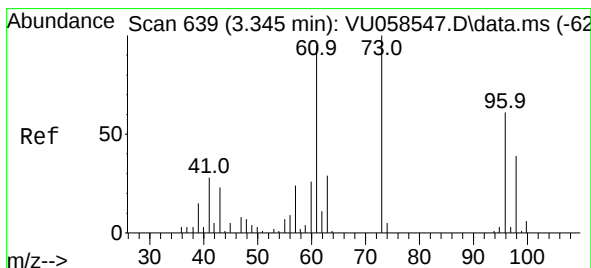
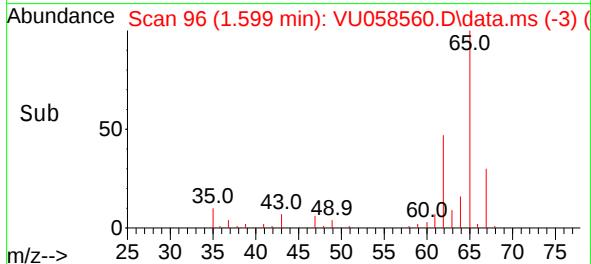
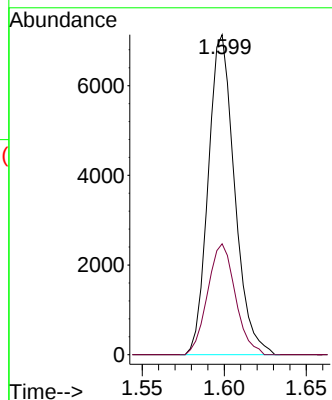
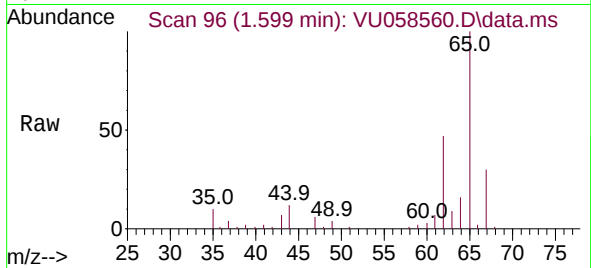




#5
 Vinyl chloride
 Concen: 0.900 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU058560.D
 Acq: 10 Apr 2024 15:21

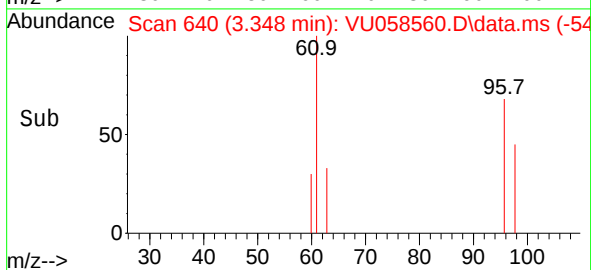
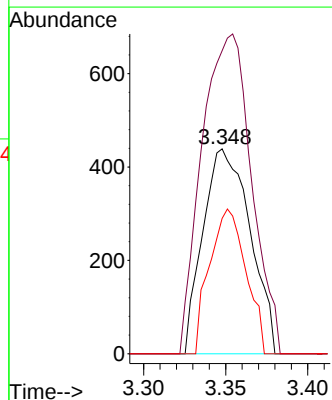
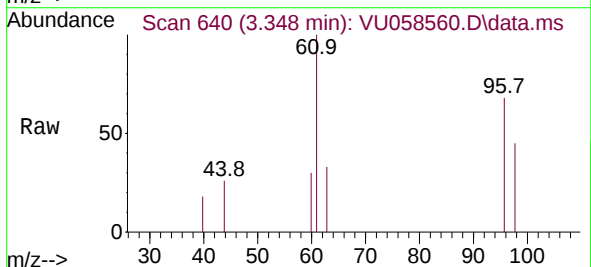
Instrument :
 MSVOA_U
 ClientSampleId :

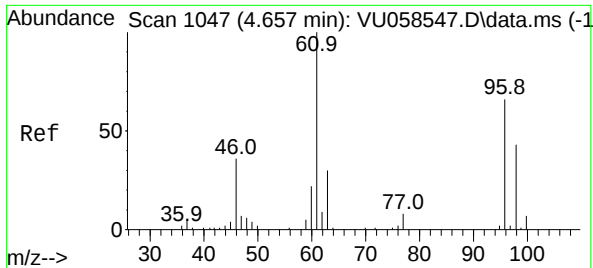
Tgt Ion: 62 Resp: 7961
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.6 42.0



#18
 trans-1,2-Dichloroethene
 Concen: 0.136 ug/L
 RT: 3.348 min Scan# 640
 Delta R.T. 0.003 min
 Lab File: VU058560.D
 Acq: 10 Apr 2024 15:21

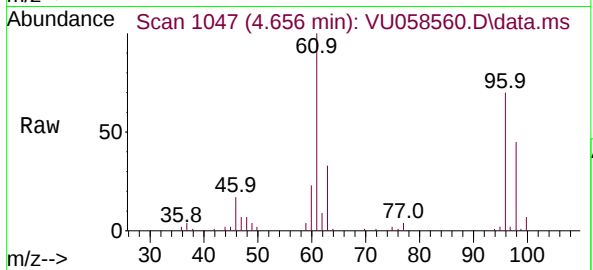
Tgt Ion: 96 Resp: 876
 Ion Ratio Lower Upper
 96 100
 61 147.8 107.6 199.8
 98 66.1 45.1 83.7



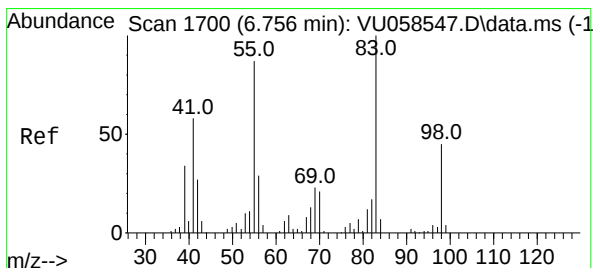
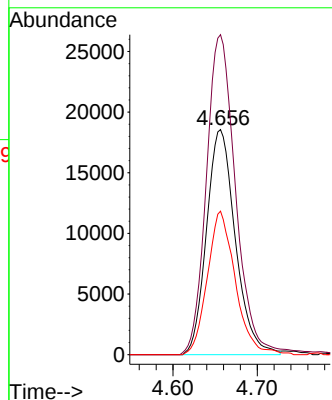
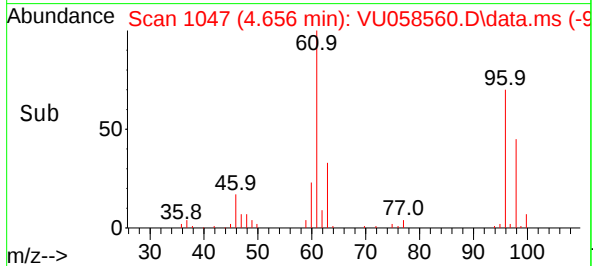


#22
 cis-1,2-Dichloroethene
 Concen: 6.095 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058560.D
 Acq: 10 Apr 2024 15:21

Instrument :
 MSVOA_U
 ClientSampleId :

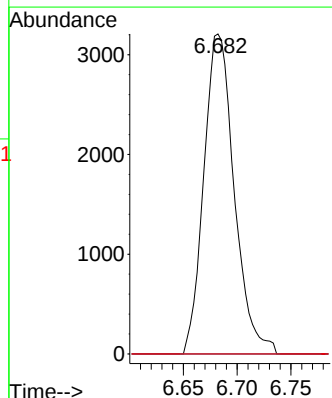
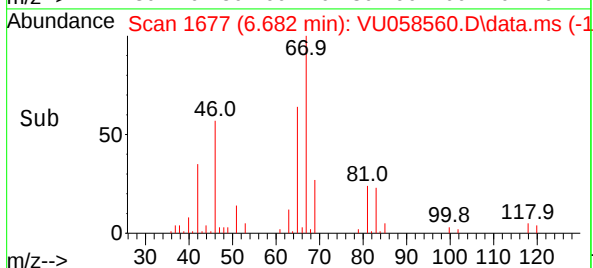
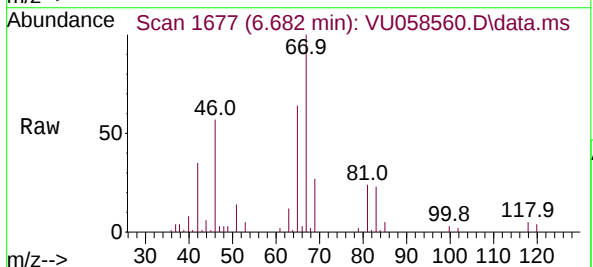


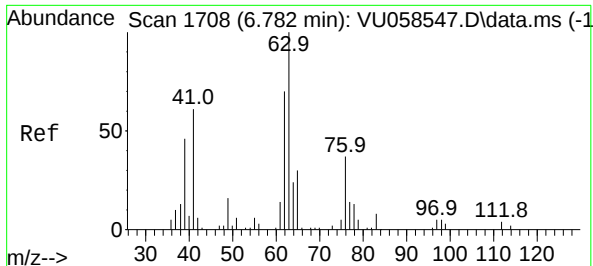
Tgt Ion:	96	Resp:	44152
Ion	Ratio	Lower	Upper
96	100		
61	142.2	98.1	182.3
98	63.8	43.6	81.0



#35
 Methylcyclohexane
 Concen: 0.543 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU058560.D
 Acq: 10 Apr 2024 15:21

Tgt Ion:	83	Resp:	6317
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.4#
98	0.0	34.6	52.0#

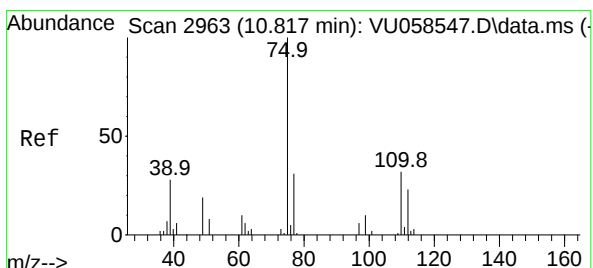
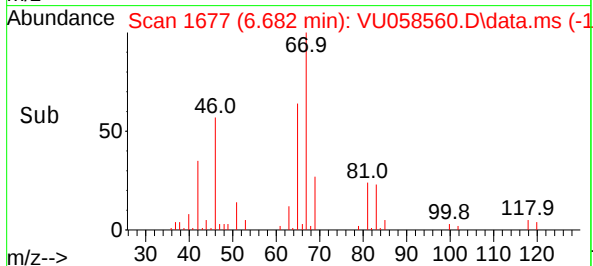
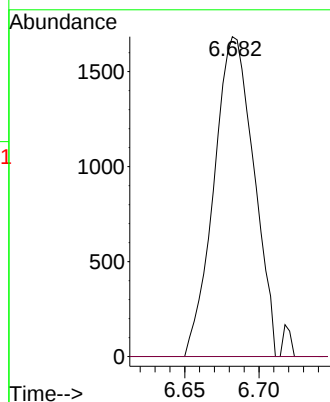
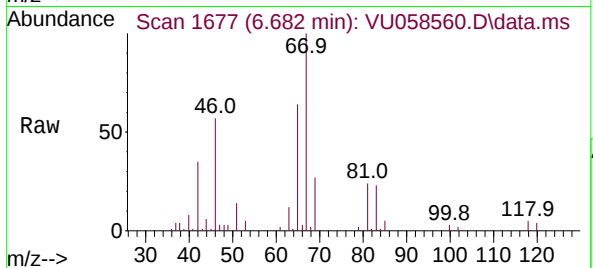




#37
1,2-Dichloropropane
Concen: 0.390 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058560.D
Acq: 10 Apr 2024 15:21

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MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3145
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.429 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058560.D
Acq: 10 Apr 2024 15:21

Tgt Ion: 75 Resp: 5211
Ion Ratio Lower Upper
75 100
110 0.4 25.8 38.6#
77 30.5 25.1 37.7

