

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122721\
 Data File : VU046602.D
 Acq On : 27 Dec 2021 16:38
 Operator : SY/MD
 Sample : M5201-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P048-TW001-01

Quant Time: Dec 28 04:57:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 04:55:25 2021
 Response via : Initial Calibration

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

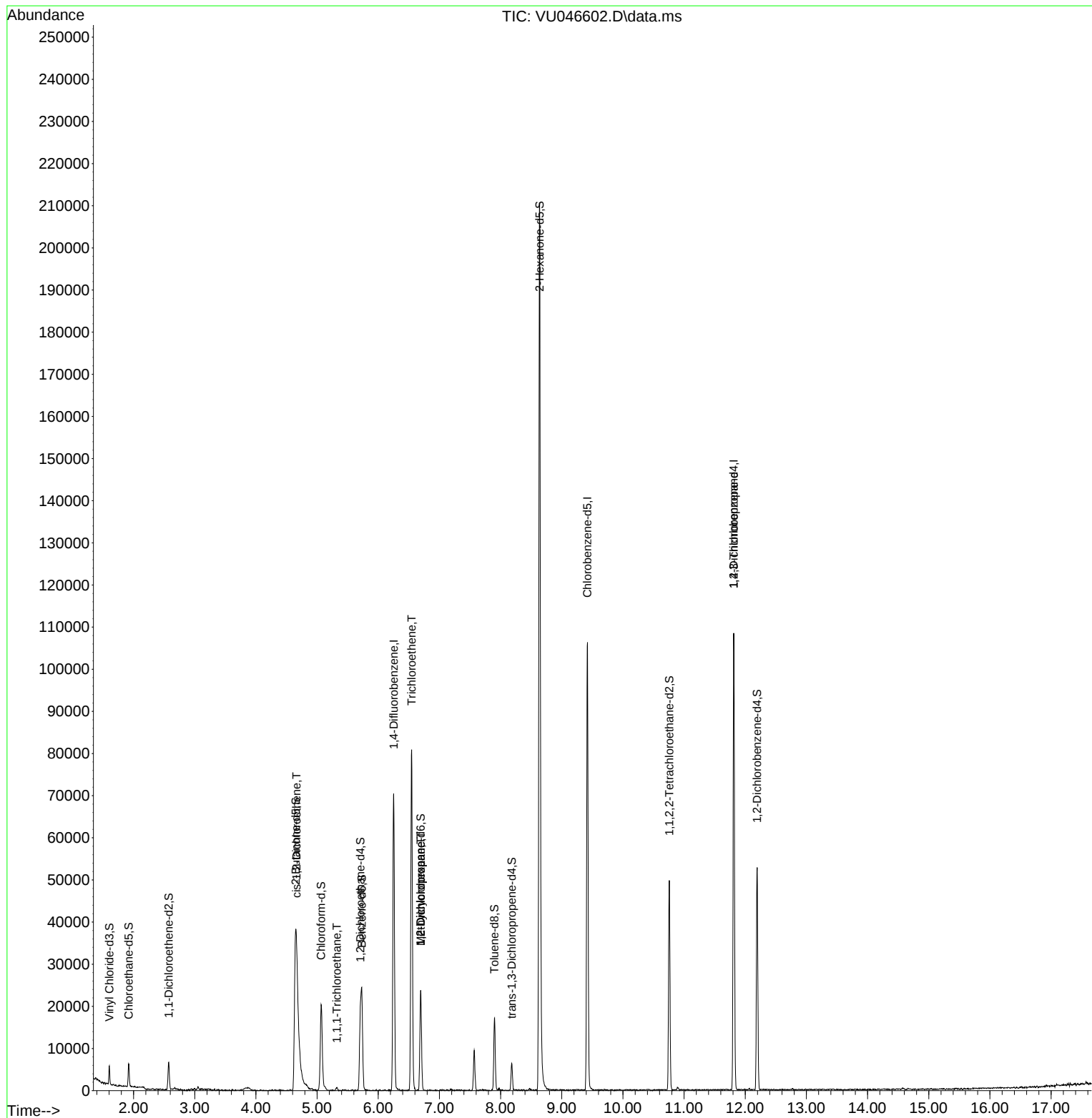
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	57772	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	60647	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	28902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	3360	0.738	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	14.800%#
7) Chloroethane-d5	1.919	69	4528	1.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	25.200%#
11) 1,1-Dichloroethene-d2	2.575	65	1201	0.626	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	12.600%#
20) 2-Butanone-d5	4.652	46	99553	75.422	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.840%#
24) Chloroform-d	5.067	84	19129	2.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	45.800%#
26) 1,2-Dichloroethane-d4	5.706	65	13124	2.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.000%#
32) Benzene-d6	5.732	84	20860	1.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	24.600%#
36) 1,2-Dichloropropane-d6	6.693	67	11284	2.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	44.400%#
41) Toluene-d8	7.899	98	12125	0.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	15.800%#
43) trans-1,3-Dichloroprop...	8.182	79	4256	1.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	36.200%#
46) 2-Hexanone-d5	8.639	63	81639	59.182	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.360%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	24566	4.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	14153	2.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	53.200%#
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.665	96	1135	0.192	ug/L	92
29) 1,1,1-Trichloroethane	5.324	97	590	0.059	ug/L #	83
34) Trichloroethene	6.546	95	28163	4.434	ug/L	98
35) Methylcyclohexane	6.693	83	2708	0.302	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	1243	0.202	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	3214	0.670	ug/L #	66

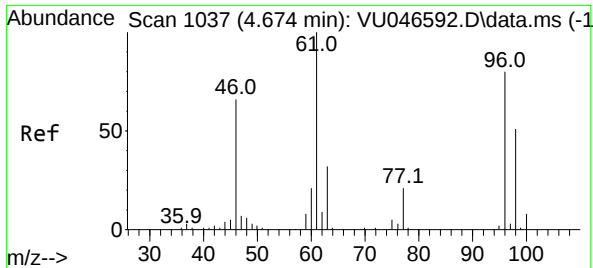
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.192 ug/L

RT: 4.665 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU046602.D

Acq: 27 Dec 2021 16:38

Instrument :

MSVOA_U

ClientSampleId :

P048-TW001-01

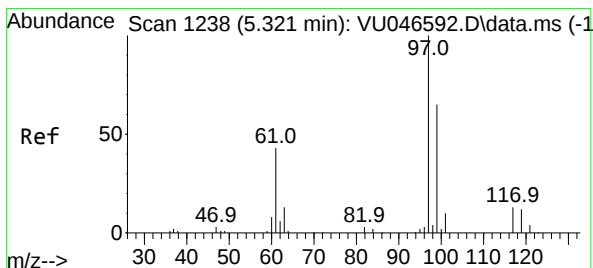
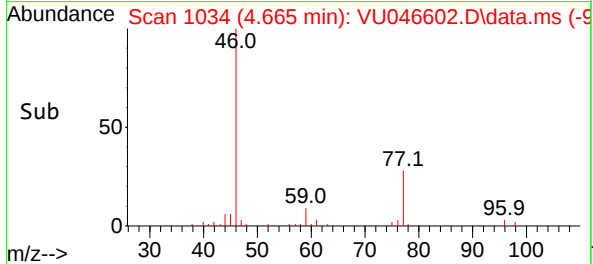
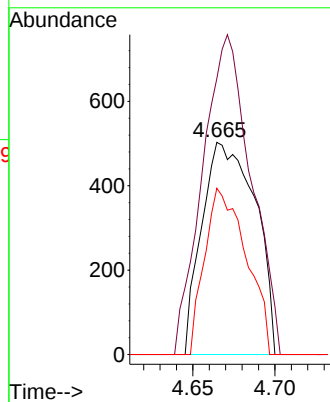
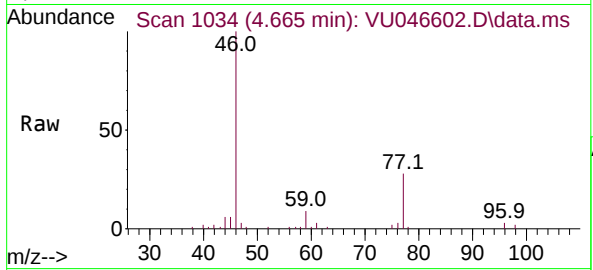
Tgt Ion: 96 Resp: 1135

Ion Ratio Lower Upper

96 100

61 130.0 88.5 164.3

98 78.3 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 0.059 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.003 min

Lab File: VU046602.D

Acq: 27 Dec 2021 16:38

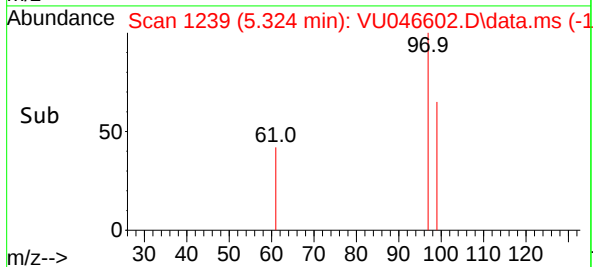
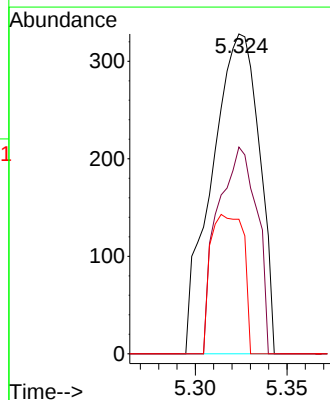
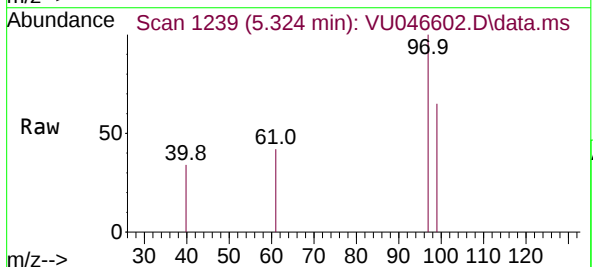
Tgt Ion: 97 Resp: 590

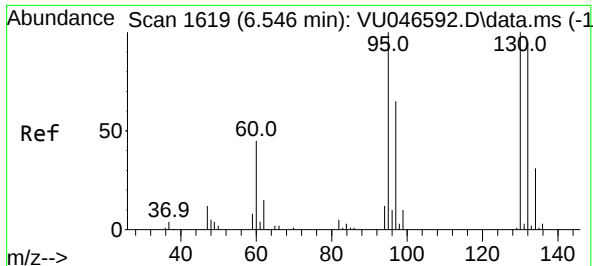
Ion Ratio Lower Upper

97 100

99 53.6 51.3 76.9

61 30.2 36.1 54.1#



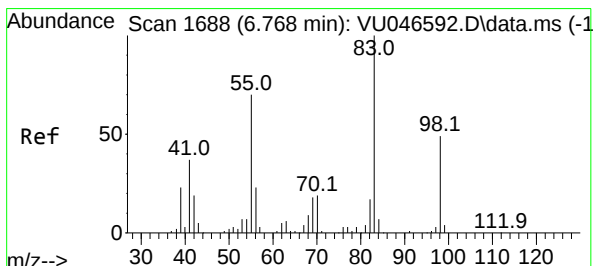
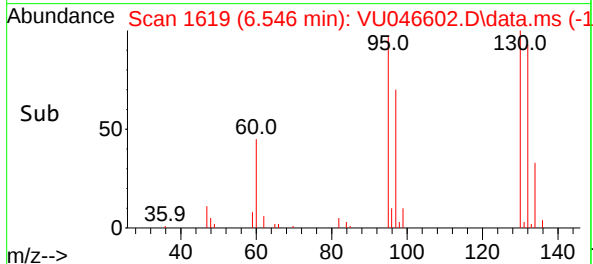
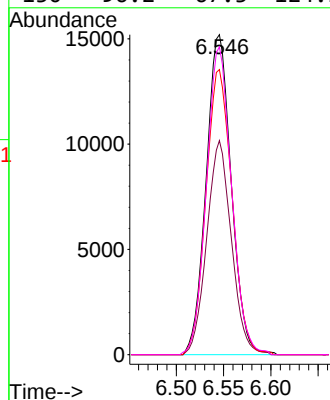
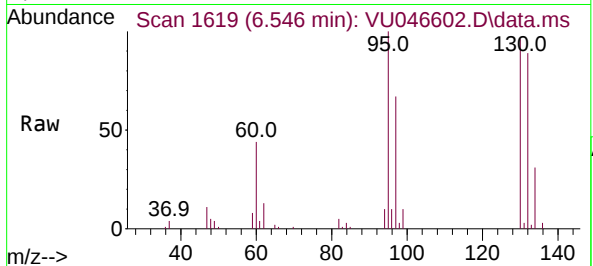


#34
Trichloroethene
Concen: 4.434 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VU046602.D
Acq: 27 Dec 2021 16:38

Instrument :
MSVOA_U
ClientSampleId :
P048-TW001-01

Tgt Ion: 95 Resp: 28163

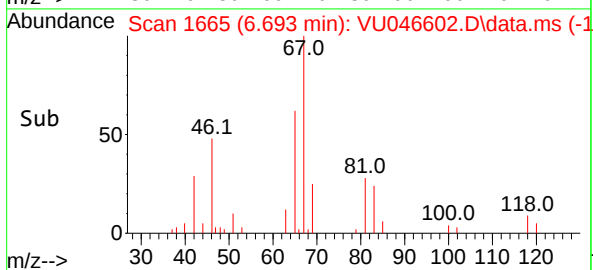
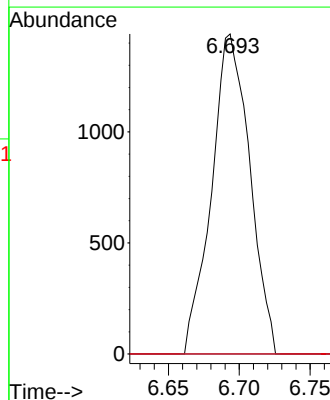
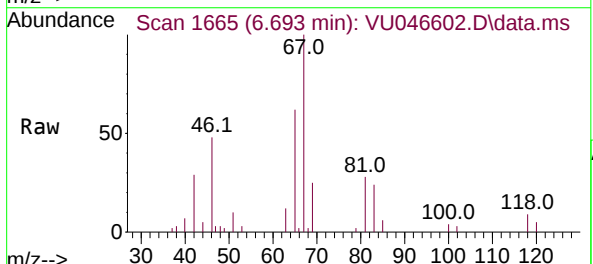
Ion	Ratio	Lower	Upper
95	100		
97	66.9	46.5	86.5
132	89.1	65.1	120.9
130	96.2	67.3	124.9

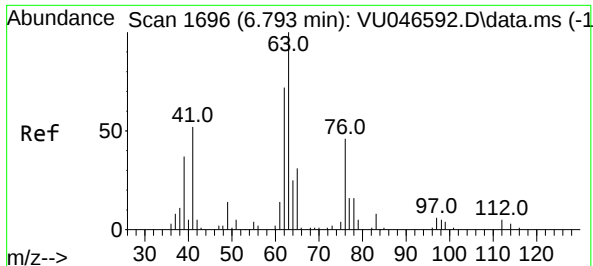


#35
Methylcyclohexane
Concen: 0.302 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046602.D
Acq: 27 Dec 2021 16:38

Tgt Ion: 83 Resp: 2708

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.0	39.0	58.6#

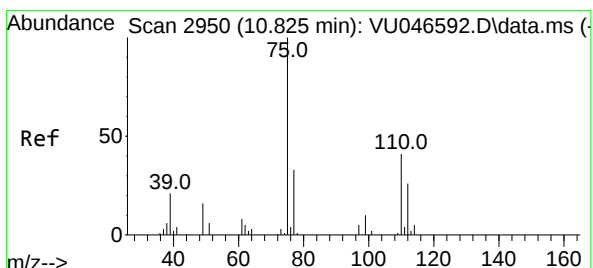
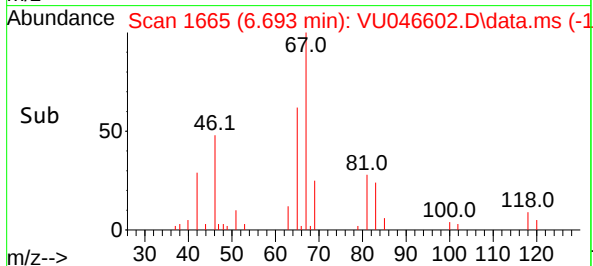
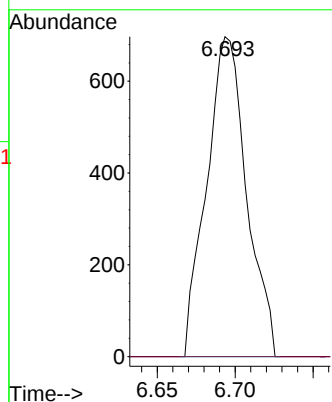
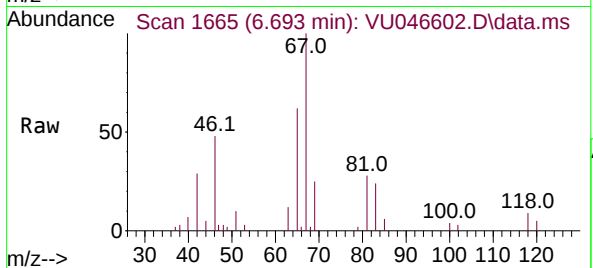




#37
1,2-Dichloropropane
Concen: 0.202 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU046602.D
Acq: 27 Dec 2021 16:38

Instrument :
MSVOA_U
ClientSampleId :
P048-TW001-01

Tgt Ion: 63 Resp: 1243
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#61
1,2,3-Trichloropropane
Concen: 0.670 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046602.D
Acq: 27 Dec 2021 16:38

Tgt Ion: 75 Resp: 3214
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 31.8 25.5 38.3

