

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052911.D
 Acq On : 01 Feb 2023 17:29
 Operator : JC/MD
 Sample : 01381-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44Q6

Quant Time: Feb 01 20:06:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

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

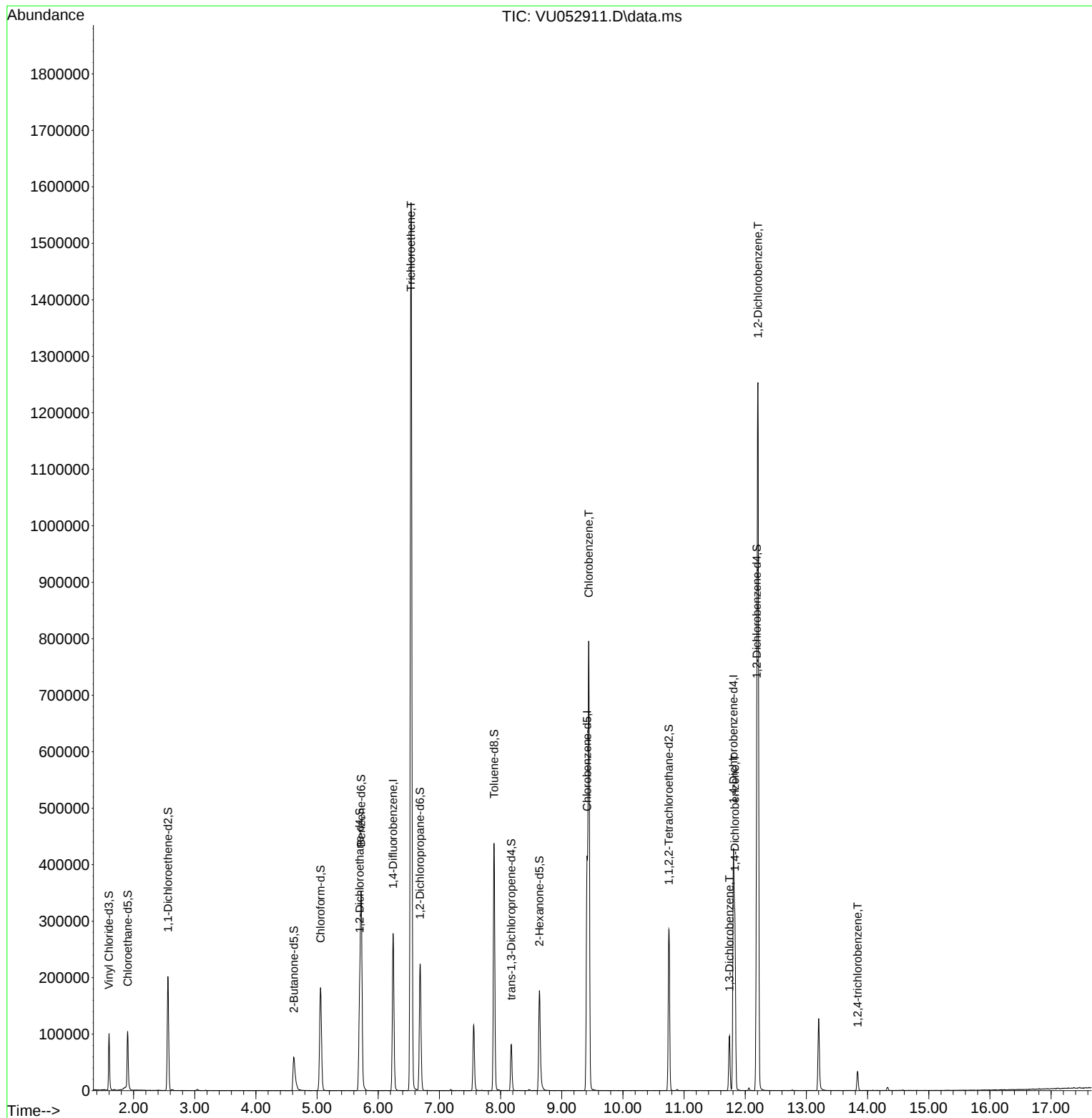
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	226896	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	223339	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	110458	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75907	46.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.960%
7) Chloroethane-d5	1.903	69	73022	54.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.540%
11) 1,1-Dichloroethene-d2	2.562	63	118406	36.453	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.900%
21) 2-Butanone-d5	4.620	46	88379	87.604	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.600%
24) Chloroform-d	5.057	84	172606	49.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.040%
26) 1,2-Dichloroethane-d4	5.697	65	115862	52.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.120%
32) Benzene-d6	5.719	84	331784	48.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.240%
36) 1,2-Dichloropropane-d6	6.684	67	100765	50.352	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.700%
41) Toluene-d8	7.893	98	290210	46.708	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.420%
43) trans-1,3-Dichloroprop...	8.176	79	46327	46.187	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.380%
47) 2-Hexanone-d5	8.636	63	60208	85.625	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.620%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	134705	45.559	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.120%
66) 1,2-Dichlorobenzene-d4	12.188	152	118731	55.358	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.720%
Target Compounds						Qvalue
34) Trichloroethene	6.536	95	522761	270.533	ug/L	97
51) Chlorobenzene	9.443	112	435477	81.237	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	40784	11.331	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	121199	32.527	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	481876	132.364	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	11595	5.190	ug/L	98

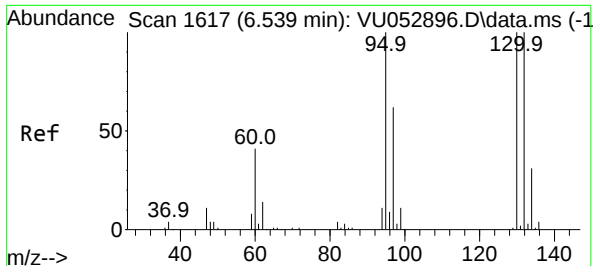
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 270.533 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052911.D

Acq: 01 Feb 2023 17:29

Instrument :

MSVOA_U

ClientSampleId :

A44Q6

Tgt Ion: 95 Resp: 522761

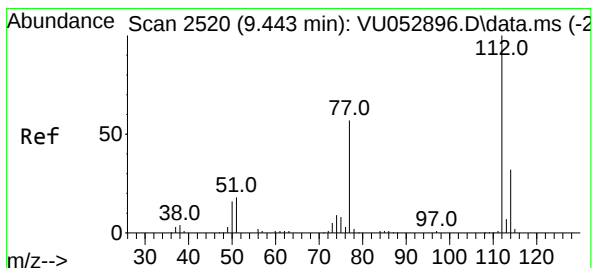
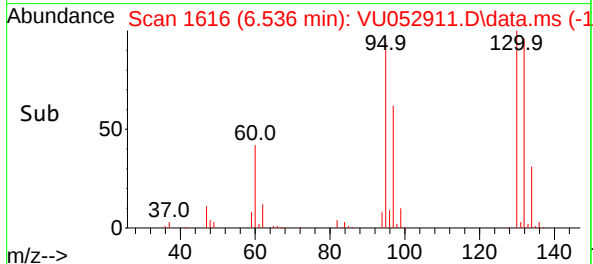
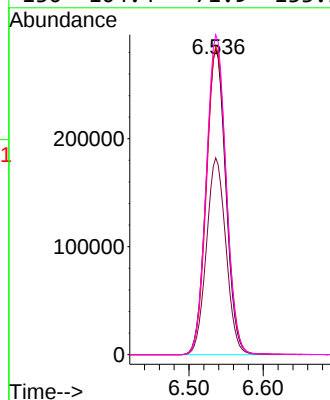
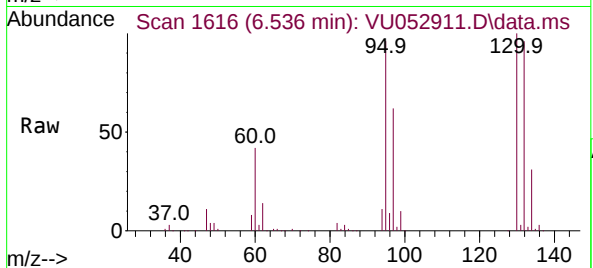
Ion Ratio Lower Upper

95 100

97 64.3 44.5 82.7

132 100.7 66.8 124.0

130 104.4 71.9 133.5



#51

Chlorobenzene

Concen: 81.237 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.000 min

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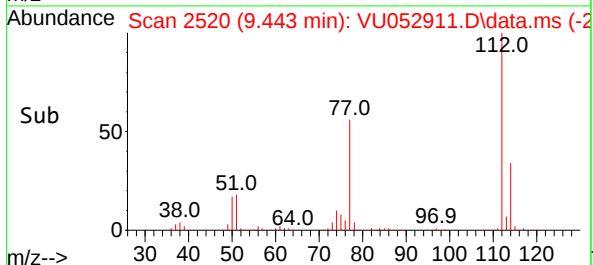
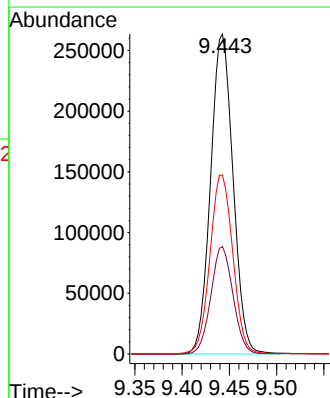
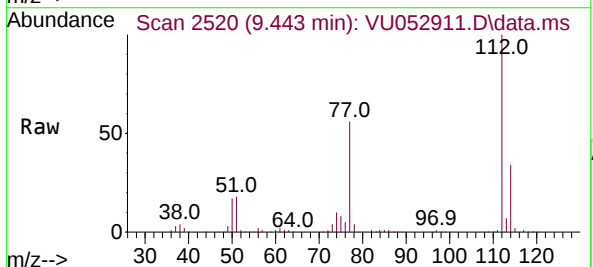
Tgt Ion: 112 Resp: 435477

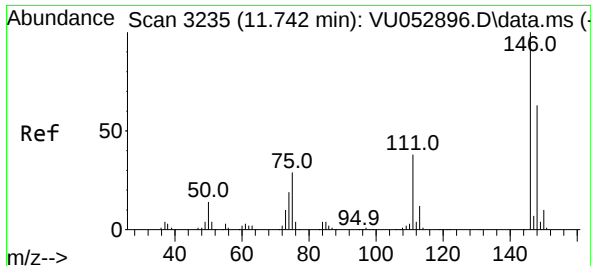
Ion Ratio Lower Upper

112 100

114 33.5 22.8 42.4

77 55.9 45.9 68.9

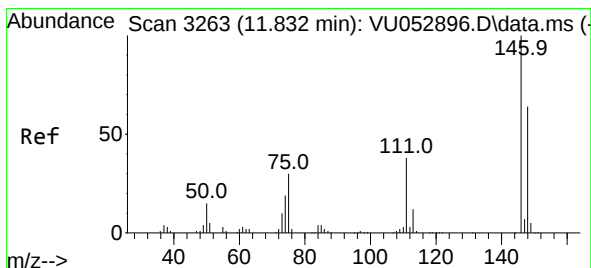
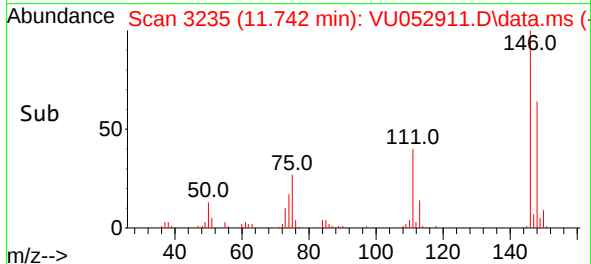
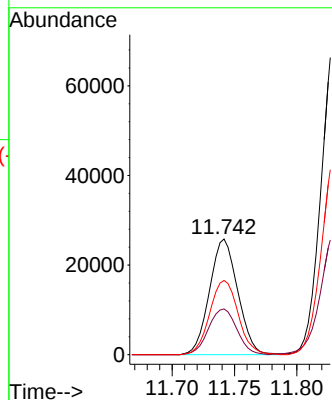
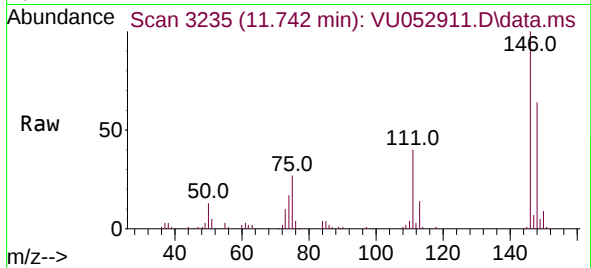




#64
1,3-Dichlorobenzene
Concen: 11.331 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052911.D
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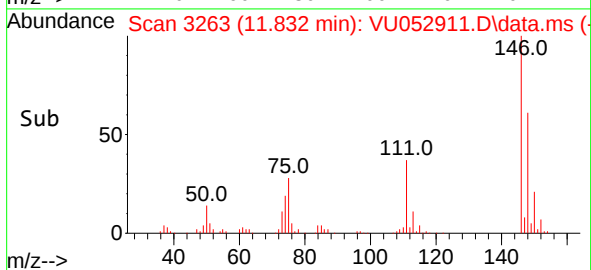
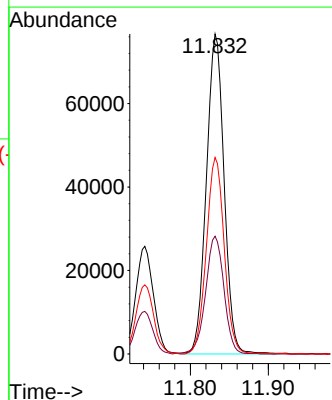
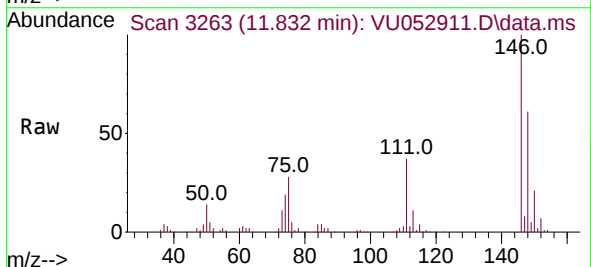
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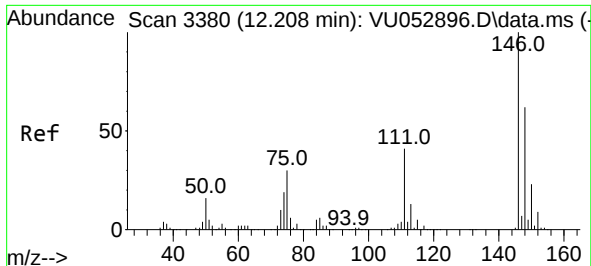
Tgt Ion:146 Resp: 40784
Ion Ratio Lower Upper
146 100
111 39.5 27.8 51.6
148 64.2 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 32.527 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052911.D
Acq: 01 Feb 2023 17:29

Tgt Ion:146 Resp: 121199
Ion Ratio Lower Upper
146 100
111 36.8 26.7 49.7
148 61.4 45.6 84.6

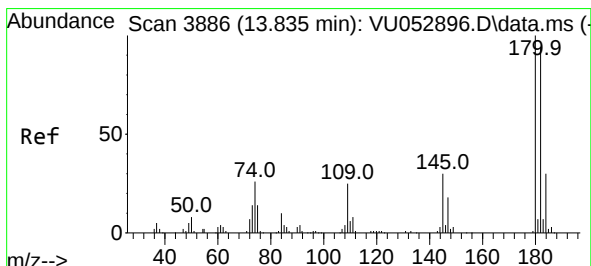
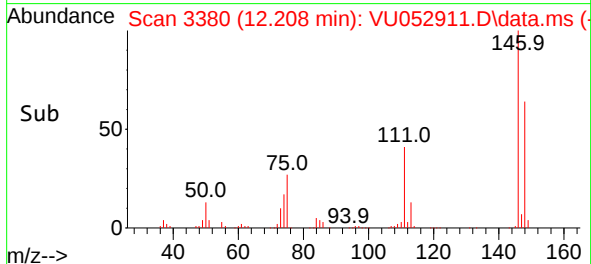
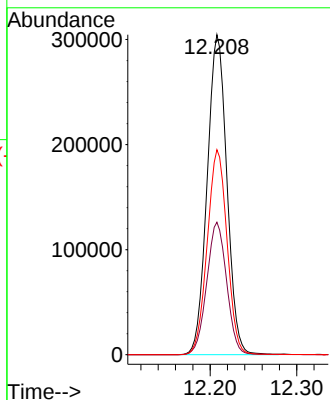
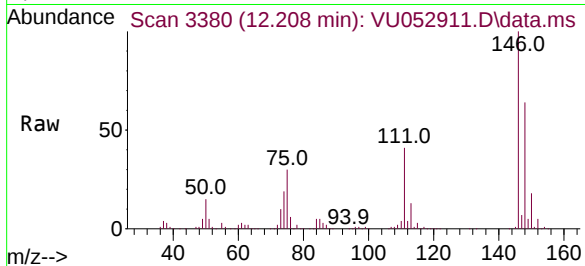




#67
1,2-Dichlorobenzene
Concen: 132.364 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052911.D
Acq: 01 Feb 2023 17:29

Instrument :
MSVOA_U
ClientSampleId :
A44Q6

Tgt Ion:146 Resp: 481876
Ion Ratio Lower Upper
146 100
111 41.4 33.2 49.8
148 64.1 50.2 75.4



#70
1,2,4-trichlorobenzene
Concen: 5.190 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU052911.D
Acq: 01 Feb 2023 17:29

Tgt Ion:180 Resp: 11595
Ion Ratio Lower Upper
180 100
182 99.4 78.2 117.2
145 30.1 23.4 35.2

