

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
 Data File : VD077722.D
 Acq On : 01 Dec 2023 14:26
 Operator : JC/SY
 Sample : 04929-11
 Misc : 4.36G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 04 03:10:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 04 03:09:24 2023
 Response via : Initial Calibration

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

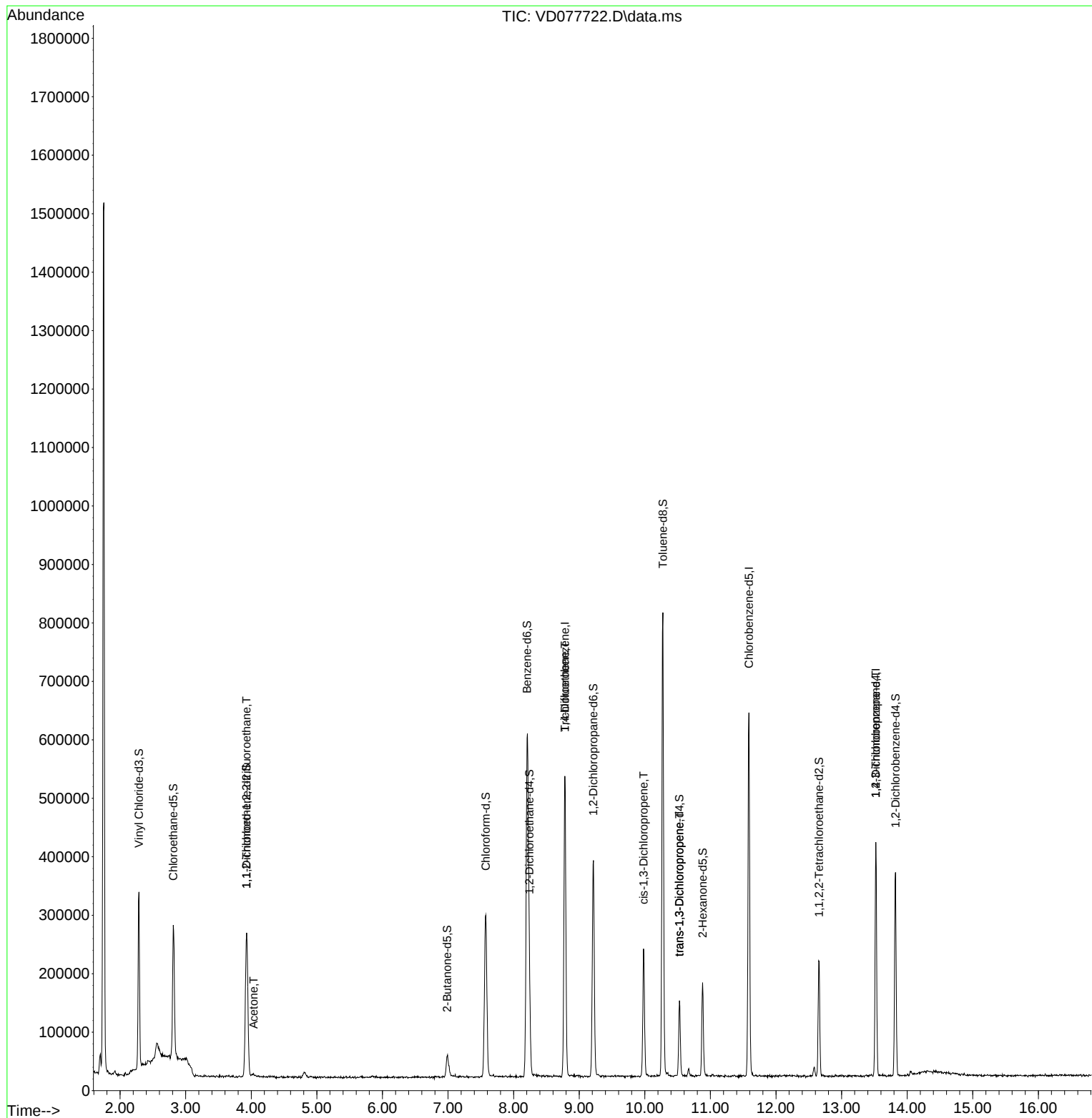
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	456089	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	352477	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	104951	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.287	65	285229	22.933	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.720%
7) Chloroethane-d5	2.811	69	235907	23.796	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	3.928	65	74123	22.984	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.920%
21) 2-Butanone-d5	6.987	46	64143	40.805	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.600%
24) Chloroform-d	7.575	84	297351	24.190	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.760%
26) 1,2-Dichloroethane-d4	8.240	65	146379	23.503	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	8.204	84	632472	29.794	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.160%
36) 1,2-Dichloropropane-d6	9.216	67	190466	29.406	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.640%
41) Toluene-d8	10.275	98	538166	27.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.160%
43) trans-1,3-Dichloroprop...	10.528	79	73223	25.564	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.240%
47) 2-Hexanone-d5	10.881	63	57699	51.696	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.400%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	104938	22.420	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.680%
66) 1,2-Dichlorobenzene-d4	13.822	152	92465	24.627	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.520%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.928	101	1344	0.205	ug/L #	21
13) Acetone	4.034	43	6333	3.144	ug/L	69
34) Trichloroethene	8.781	95	13721	2.409	ug/L #	5
39) cis-1,3-Dichloropropene	9.981	75	6076	0.650	ug/L #	78
44) trans-1,3-Dichloropropene	10.528	75	3341	0.428	ug/L #	63
61) 1,2,3-Trichloropropane	13.522	75	13952	7.227	ug/L #	64

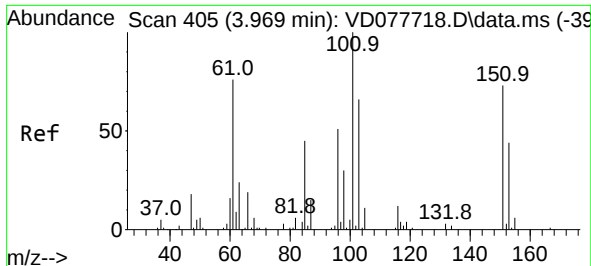
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 04 03:09:24 2023
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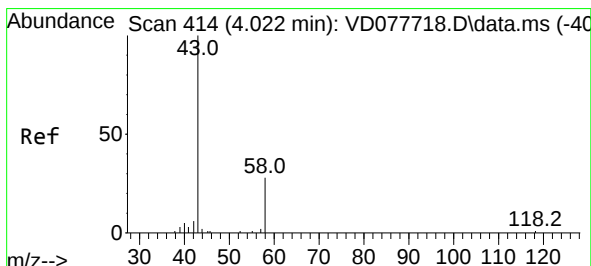
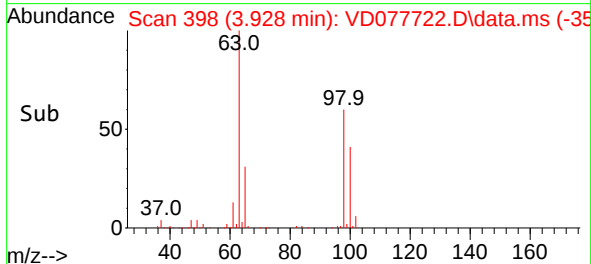
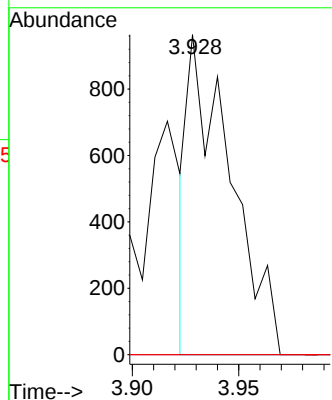
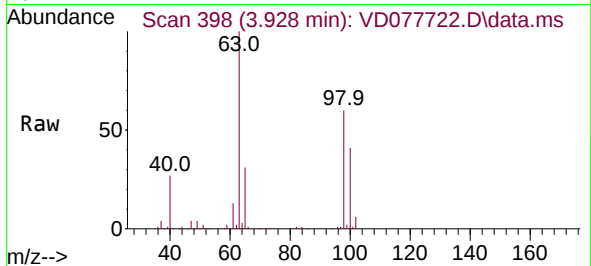




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.205 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.041 min
 Lab File: VD077722.D
 Acq: 01 Dec 2023 14:26

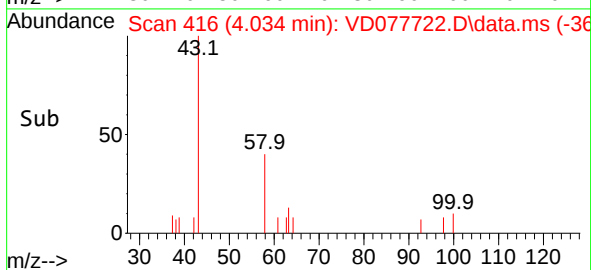
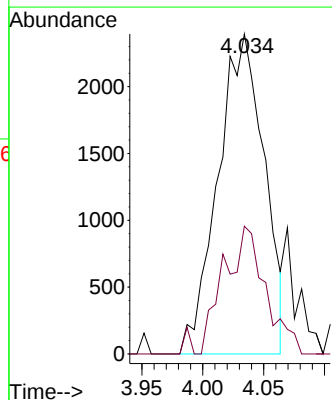
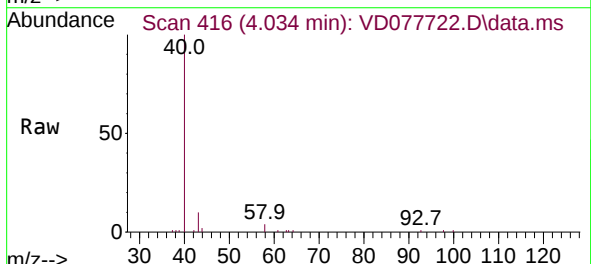
Instrument :
 MSVOA_D
 ClientSampleId :

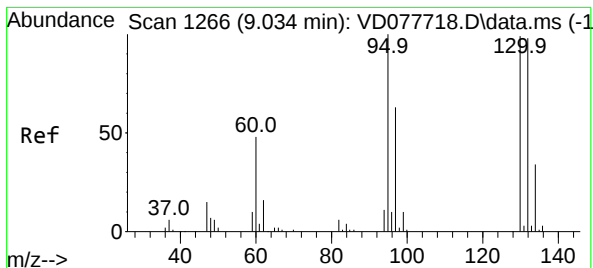
Tgt Ion:101 Resp: 1344
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.8 53.6#
 151 0.0 57.0 85.6#



#13
 Acetone
 Concen: 3.144 ug/L
 RT: 4.034 min Scan# 416
 Delta R.T. 0.012 min
 Lab File: VD077722.D
 Acq: 01 Dec 2023 14:26

Tgt Ion: 43 Resp: 6333
 Ion Ratio Lower Upper
 43 100
 58 16.2 0.0 67.2





#34

Trichloroethene

Concen: 2.409 ug/L

RT: 8.781 min Scan# 11

Delta R.T. -0.253 min

Lab File: VD077722.D

Acq: 01 Dec 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 13721

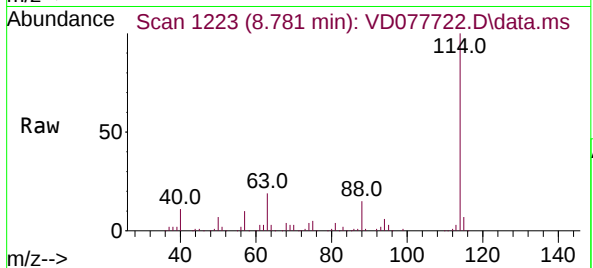
Ion Ratio Lower Upper

95 100

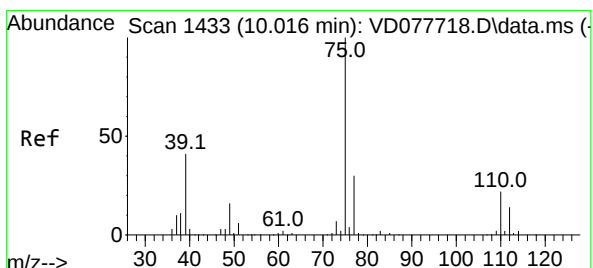
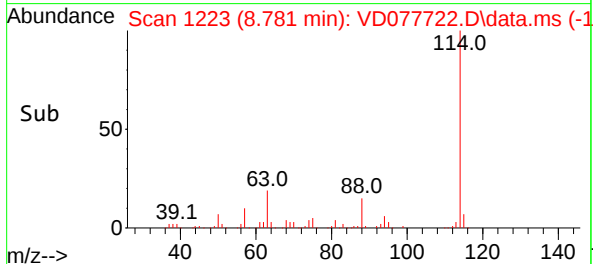
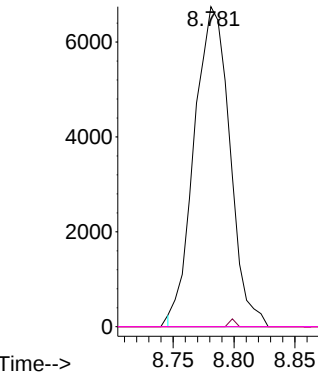
97 0.0 44.2 82.0#

132 0.0 67.5 125.3#

130 0.0 69.4 129.0#



Abundance



#39

cis-1,3-Dichloropropene

Concen: 0.650 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD077722.D

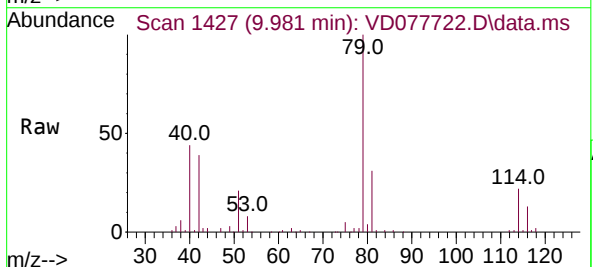
Acq: 01 Dec 2023 14:26

Tgt Ion: 75 Resp: 6076

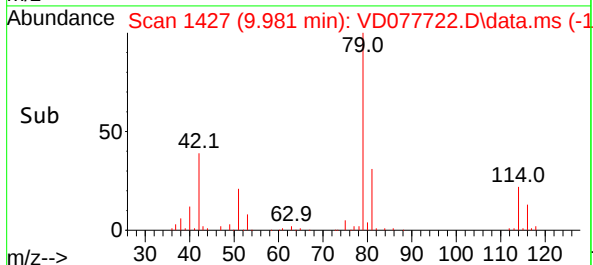
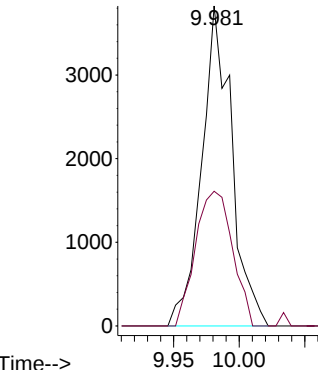
Ion Ratio Lower Upper

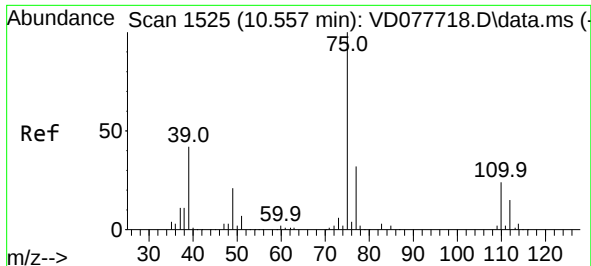
75 100

77 42.1 21.2 39.4#



Abundance

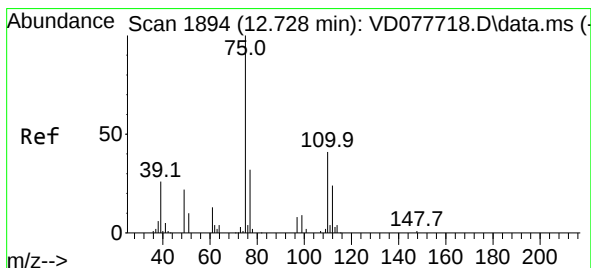
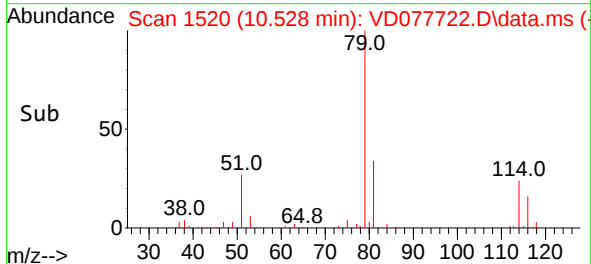
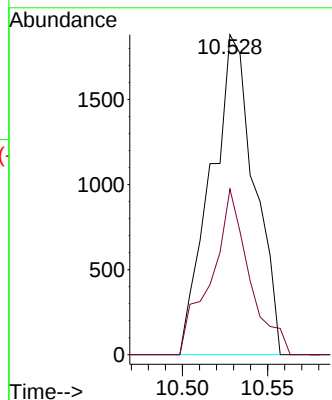
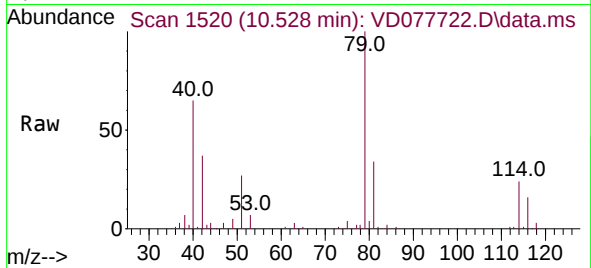




#44
trans-1,3-Dichloropropene
Concen: 0.428 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD077722.D
Acq: 01 Dec 2023 14:26

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 3341
Ion Ratio Lower Upper
75 100
77 51.8 22.0 40.8#



#61
1,2,3-Trichloropropane
Concen: 7.227 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD077722.D
Acq: 01 Dec 2023 14:26

Tgt Ion: 75 Resp: 13952
Ion Ratio Lower Upper
75 100
77 30.9 26.8 40.2
110 3.5 33.4 50.2#

