

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053414.D
 Acq On : 25 Mar 2023 01:13
 Operator : JC/MD
 Sample : 02053-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 25 01:52:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

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

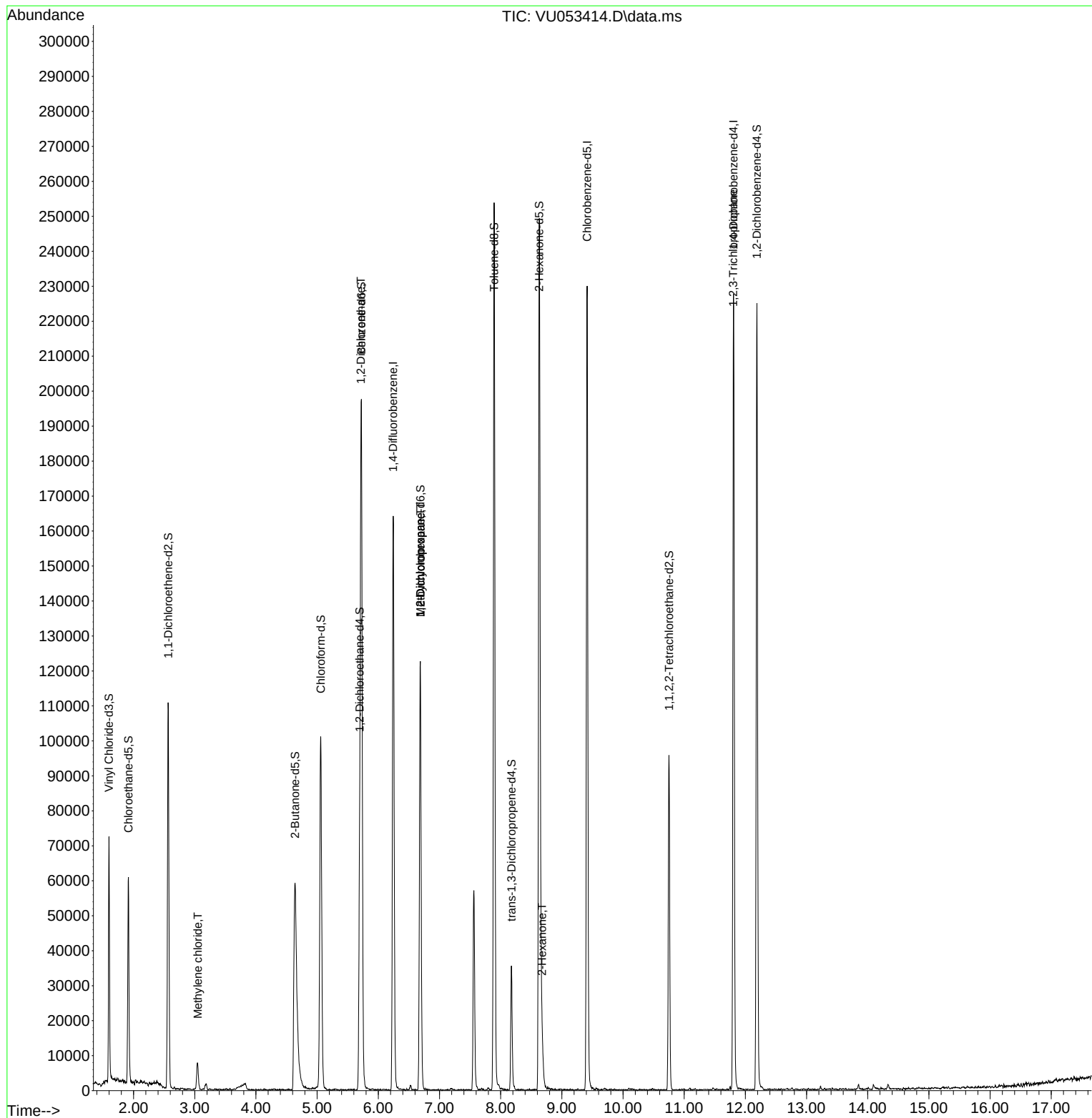
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	137997	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	61606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48248	5.082	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.600%		
7) Chloroethane-d5	1.916	69	43146	5.008	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.200%		
11) 1,1-Dichloroethene-d2	2.565	65	21429	5.299	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.000%		
20) 2-Butanone-d5	4.639	46	118104	54.306	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 108.620%		
24) Chloroform-d	5.060	84	89269	5.072	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.400%		
26) 1,2-Dichloroethane-d4	5.697	65	48184	5.343	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.800%		
32) Benzene-d6	5.723	84	190903	5.197	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.000%		
36) 1,2-Dichloropropane-d6	6.687	67	60244	5.382	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 107.600%		
41) Toluene-d8	7.893	98	177523	5.122	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.400%		
43) trans-1,3-Dichloroprop...	8.176	79	20693	4.817	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.400%		
46) 2-Hexanone-d5	8.629	63	90553	51.901	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 103.800%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	47788	5.129	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.600%		
66) 1,2-Dichlorobenzene-d4	12.189	152	57412	5.180	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.600%		
Target Compounds						
						Qvalue
16) Methylene chloride	3.047	84	4047	0.394	ug/L	93
27) 1,2-Dichloroethane	5.716	62	1297	0.135	ug/L #	77
35) Methylcyclohexane	6.687	83	13336	0.840	ug/L #	23
37) 1,2-Dichloropropane	6.687	63	6787	0.740	ug/L #	89
48) 2-Hexanone	8.677	43	5090	1.534	ug/L #	93
61) 1,2,3-Trichloropropane	11.803	75	7007	1.373	ug/L #	67

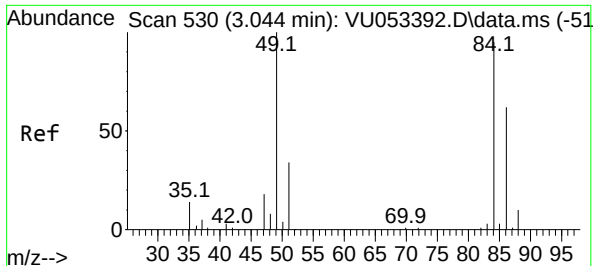
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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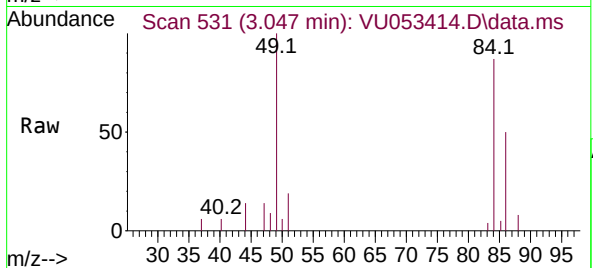
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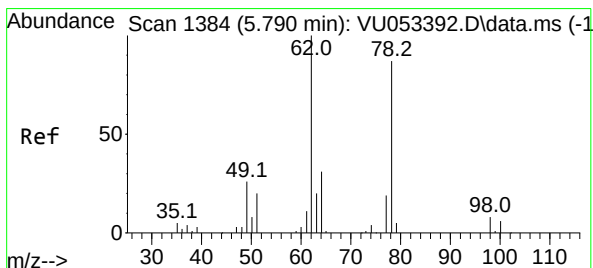
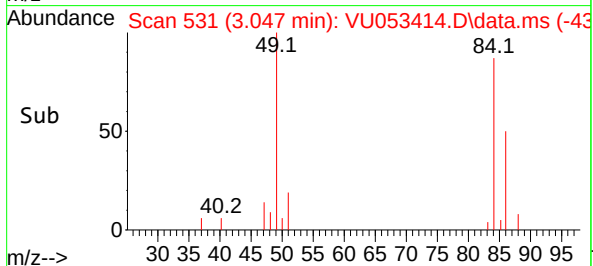
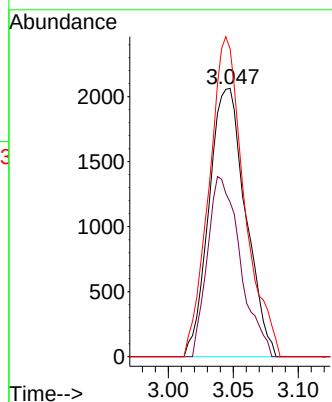
#16
Methylene chloride
Concen: 0.394 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053414.D
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Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 4047

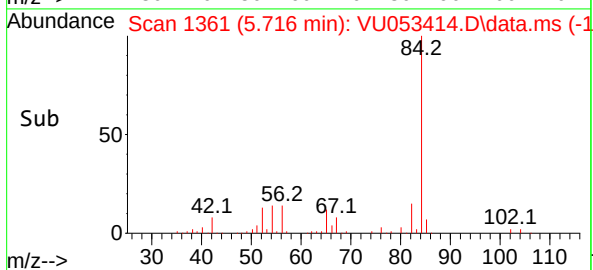
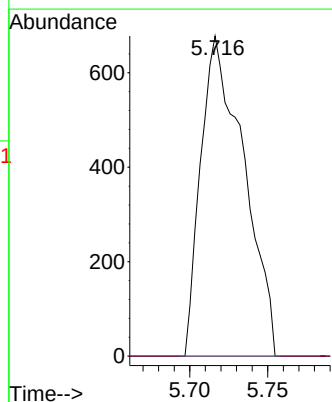
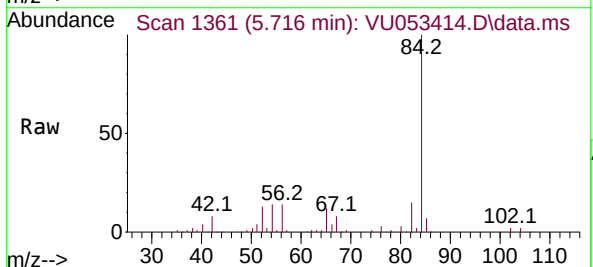
Ion	Ratio	Lower	Upper
84	100		
86	57.5	44.7	83.1
49	114.7	75.5	140.1

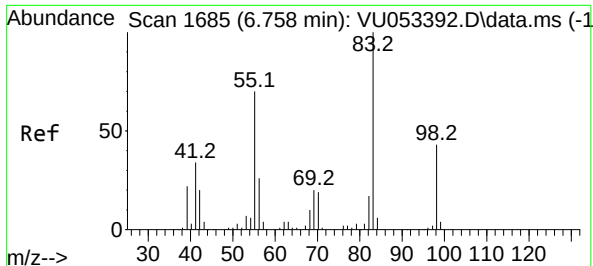


#27
1,2-Dichloroethane
Concen: 0.135 ug/L
RT: 5.716 min Scan# 1361
Delta R.T. -0.074 min
Lab File: VU053414.D
Acq: 25 Mar 2023 01:13

Tgt Ion: 62 Resp: 1297

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.4	9.6#

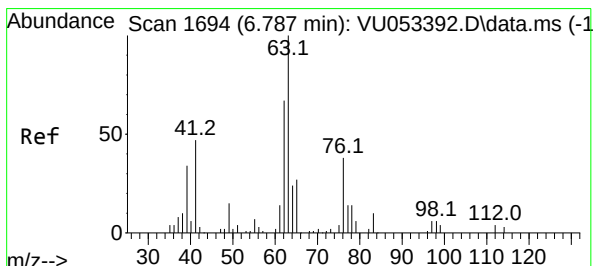
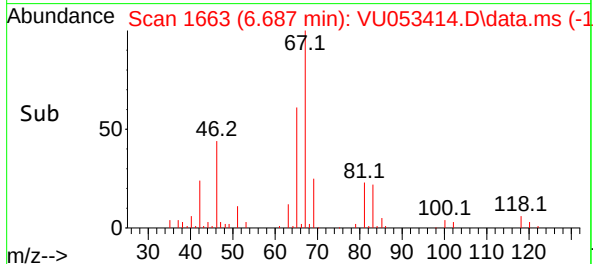
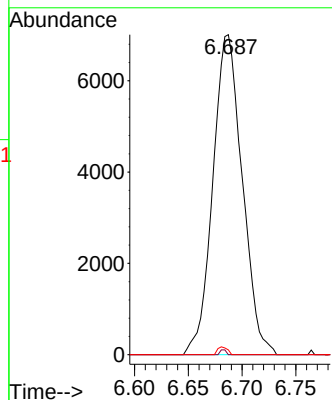
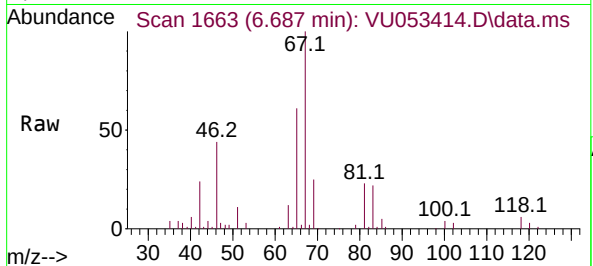




#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053414.D
Acq: 25 Mar 2023 01:13

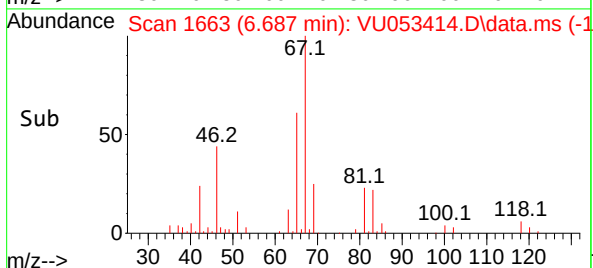
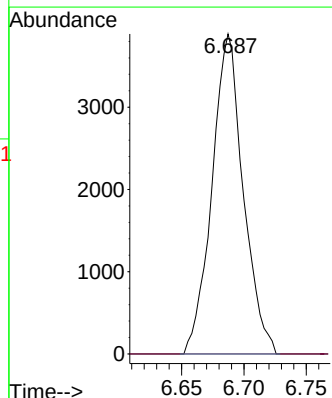
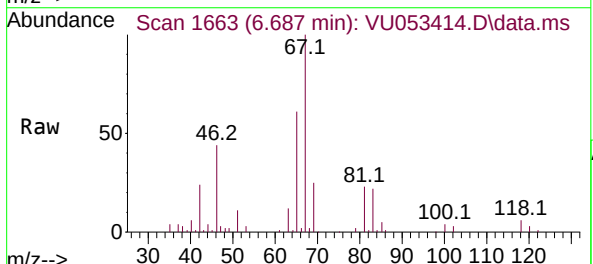
Instrument :
MSVOA_U
ClientSampleId :

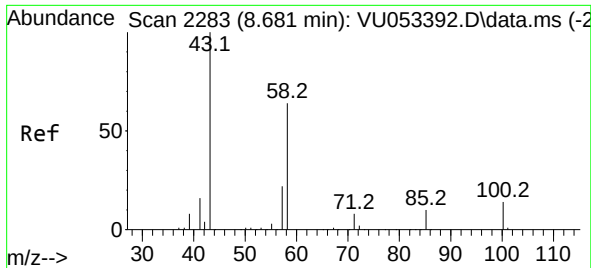
Tgt Ion: 83 Resp: 13336
Ion Ratio Lower Upper
83 100
55 0.3 54.9 82.3#
98 0.8 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.740 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053414.D
Acq: 25 Mar 2023 01:13

Tgt Ion: 63 Resp: 6787
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

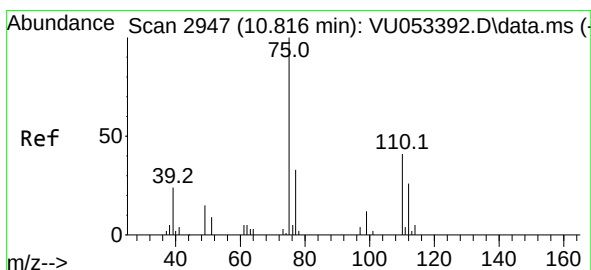
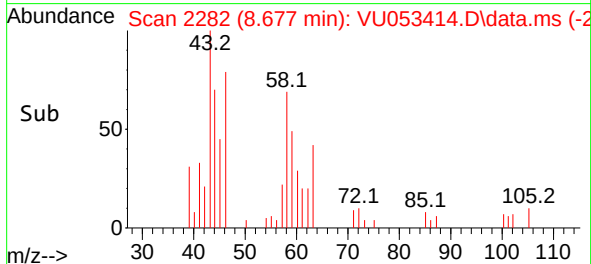
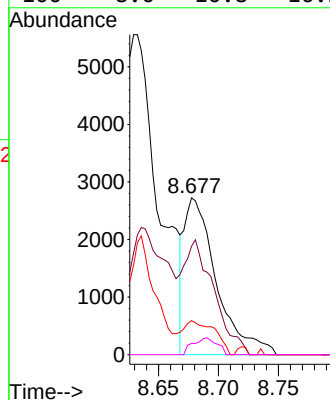
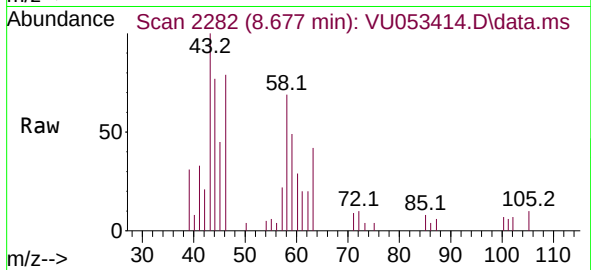




#48
2-Hexanone
Concen: 1.534 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053414.D
Acq: 25 Mar 2023 01:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 5090
Ion Ratio	Lower Upper
43 100	
58 71.7	52.8 79.2
57 21.7	17.1 25.7
100 8.0	10.8 16.2#



#61
1,2,3-Trichloropropane
Concen: 1.373 ug/L
RT: 11.803 min Scan# 3254
Delta R.T. 0.987 min
Lab File: VU053414.D
Acq: 25 Mar 2023 01:13

Tgt Ion: 75	Resp: 7007		
Ion Ratio	Lower	Upper	
75 100			
110 1.6	30.6	46.0	#
77 32.3	26.1	39.1	

