

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055965.D
 Acq On : 28 Oct 2023 11:38
 Operator : MD/SY
 Sample : 04995-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:52:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

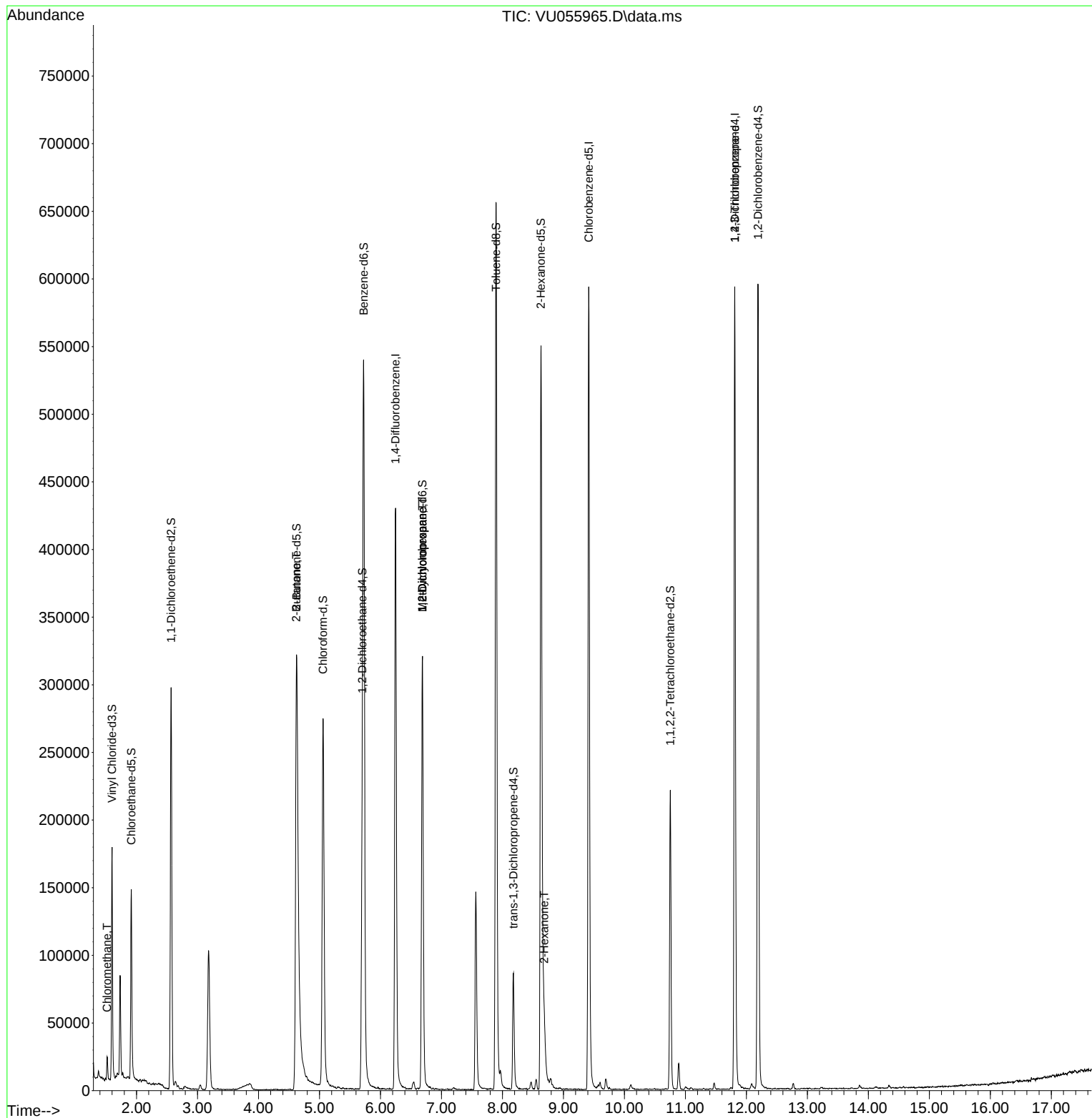
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	366591	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	357136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	165716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	124524	4.294	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.800%	
7) Chloroethane-d5	1.914	69	108092	4.782	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.567	65	59693	4.849	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.000%	
20) 2-Butanone-d5	4.624	46	259261	50.114	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.220%	
24) Chloroform-d	5.058	84	258703	4.814	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.701	65	122074	4.663	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	5.724	84	544898	5.122	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	6.689	67	163007	5.169	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.898	98	472511	4.896	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
43) trans-1,3-Dichloroprop...	8.180	79	55037	4.462	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.631	63	206689	66.013	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	132.020%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	111341	4.848	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	167931	5.431	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						
3) Chloromethane	1.518	50	11908	0.597	ug/L	99
21) 2-Butanone	4.621	43	10770	2.485	ug/L #	59
35) Methylcyclohexane	6.689	83	38390	1.290	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	16994	0.812	ug/L #	90
48) 2-Hexanone	8.685	43	21012	2.649	ug/L #	94
61) 1,2,3-Trichloropropane	11.811	75	19197	1.687	ug/L #	65

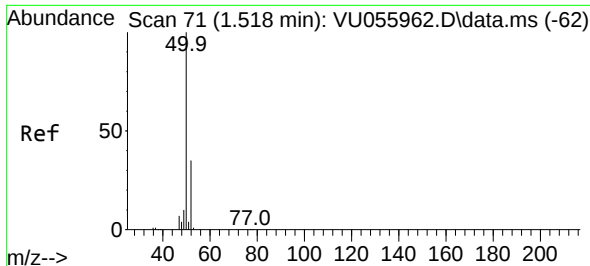
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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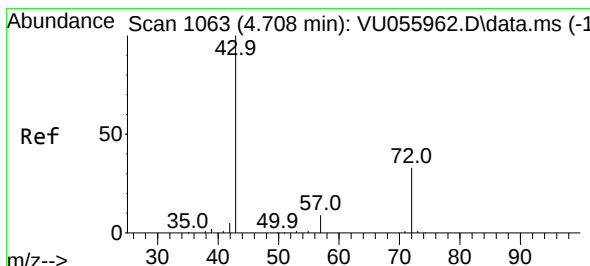
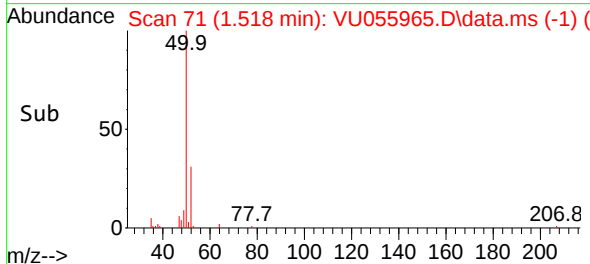
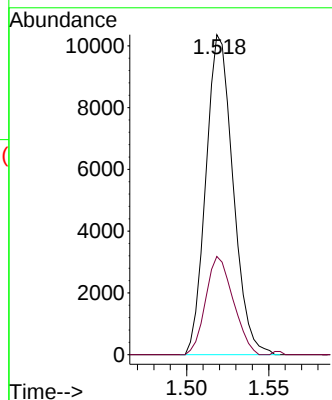
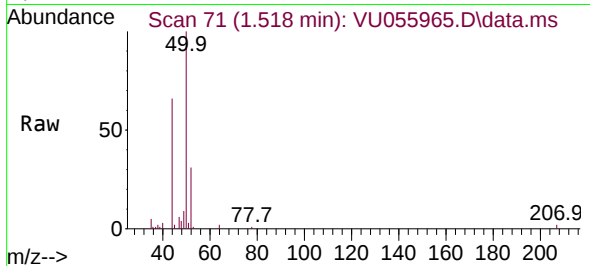




#3
Chloromethane
Concen: 0.597 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU055965.D
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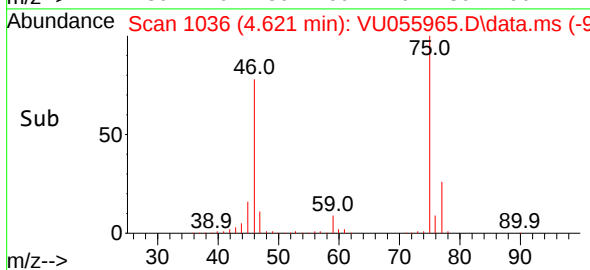
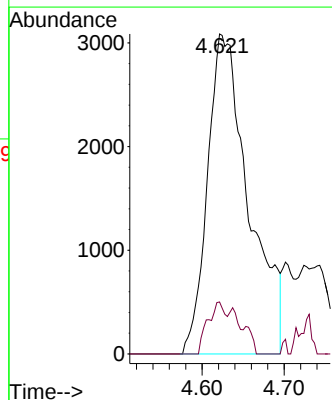
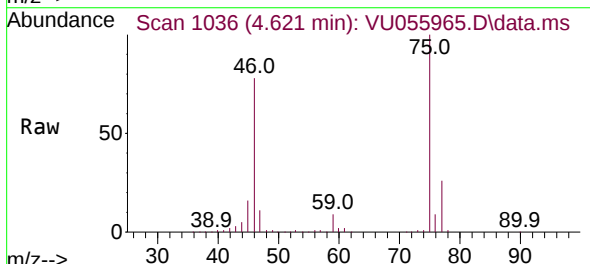
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MSVOA_U
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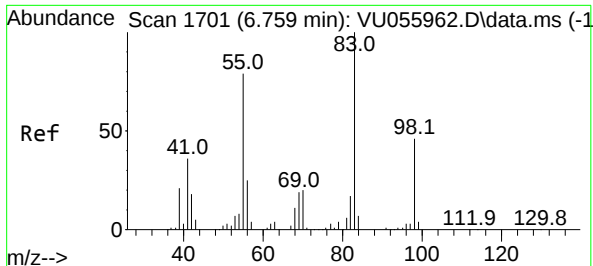
Tgt Ion: 50 Resp: 11908
Ion Ratio Lower Upper
50 100
52 30.7 22.0 40.8



#21
2-Butanone
Concen: 2.485 ug/L
RT: 4.621 min Scan# 1036
Delta R.T. -0.087 min
Lab File: VU055965.D
Acq: 28 Oct 2023 11:38

Tgt Ion: 43 Resp: 10770
Ion Ratio Lower Upper
43 100
72 7.1 14.4 43.4#

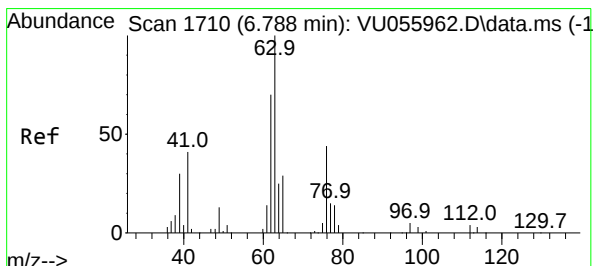
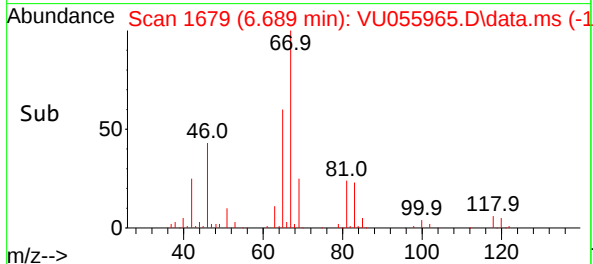
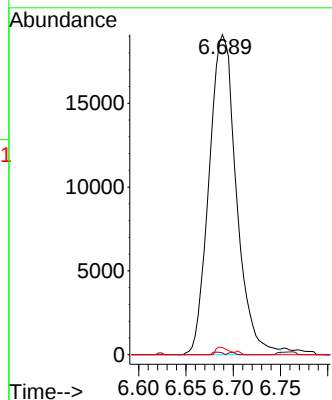
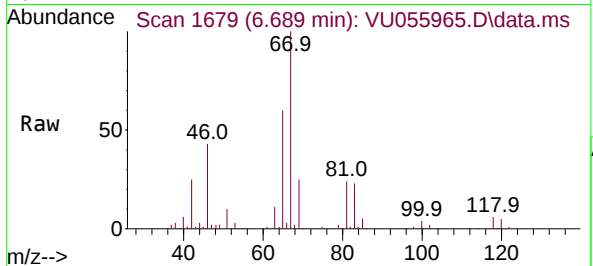




#35
Methylcyclohexane
Concen: 1.290 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055965.D
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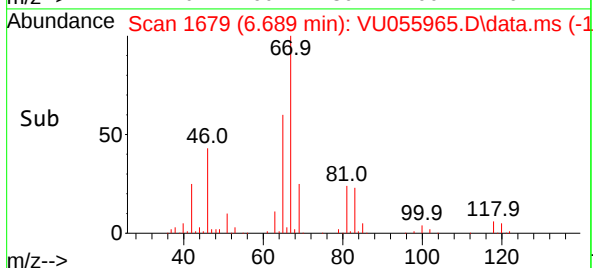
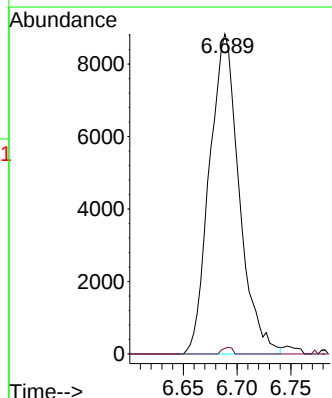
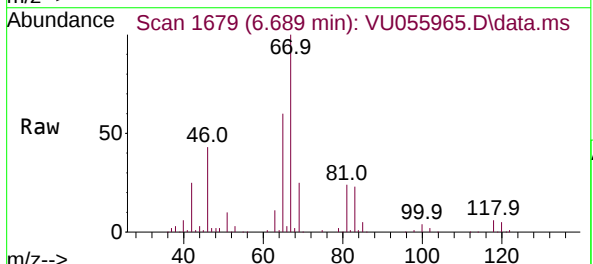
Instrument :
MSVOA_U
ClientSampleId :

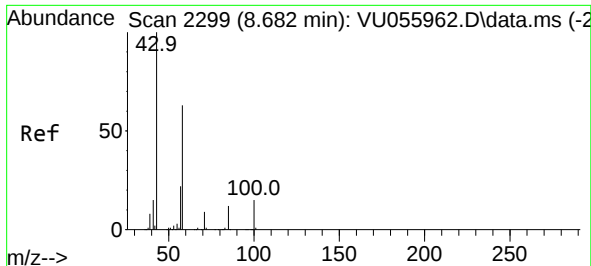
Tgt Ion: 83 Resp: 38390
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 1.3 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.812 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055965.D
Acq: 28 Oct 2023 11:38

Tgt Ion: 63 Resp: 16994
Ion Ratio Lower Upper
63 100
112 0.7 3.1 4.7#

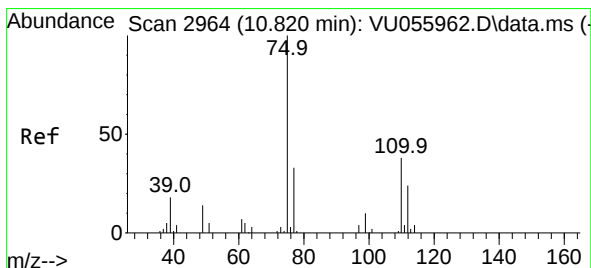
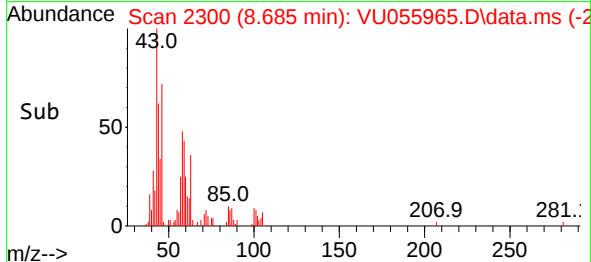
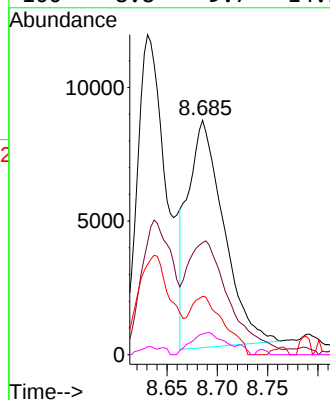
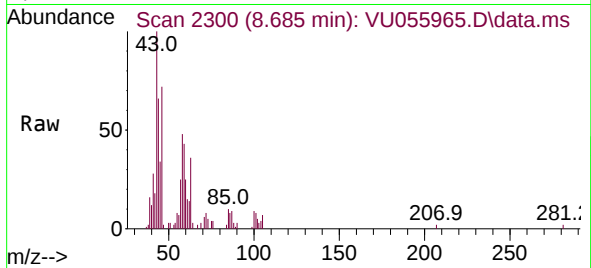




#48
2-Hexanone
Concen: 2.649 ug/L
RT: 8.685 min Scan# 21012
Delta R.T. 0.003 min
Lab File: VU055965.D
Acq: 28 Oct 2023 11:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 21012
Ion Ratio	Lower Upper
43 100	
58 57.8	49.5 74.3
57 24.5	16.9 25.3
100 8.8	9.7 14.5#



#61
1,2,3-Trichloropropane
Concen: 1.687 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055965.D
Acq: 28 Oct 2023 11:38

Tgt Ion: 75	Resp: 19197
Ion Ratio	Lower Upper
75 100	
110 1.7	29.0 43.6#
77 34.7	24.5 36.7

