

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054754.D
 Acq On : 03 Jul 2023 17:19
 Operator : MD/SY
 Sample : 03505-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A46T3

Quant Time: Jul 05 04:44:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

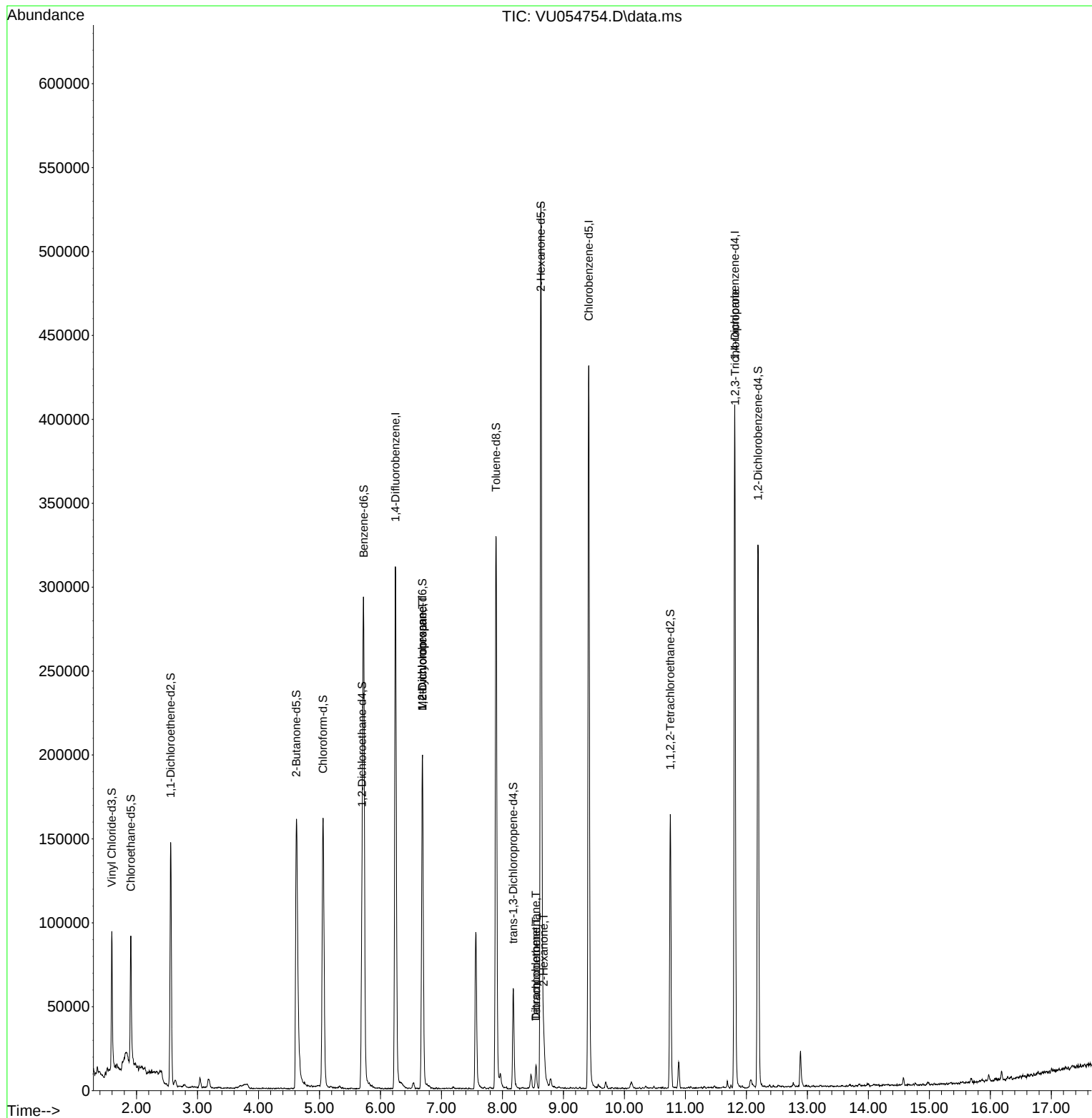
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	247135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	243388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	108968	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	65749	4.180	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.907	69	63508	4.313	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.200%	
11) 1,1-Dichloroethene-d2	2.560	65	27444	3.907	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.200%	
20) 2-Butanone-d5	4.621	46	252831	57.175	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.360%	
24) Chloroform-d	5.058	84	143942	4.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.698	65	75701	4.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.724	84	268818	3.973	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
36) 1,2-Dichloropropane-d6	6.688	67	98778	4.372	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.894	98	224091	3.732	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.600%	
43) trans-1,3-Dichloroprop...	8.177	79	34213	4.354	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.630	63	170779	51.808	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.620%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	82864	4.918	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	87556	4.764	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.688	83	21001	0.601	ug/L #	16
37) 1,2-Dichloropropane	6.688	63	10594	0.448	ug/L #	90
47) Tetrachloroethene	8.553	164	2949	0.167	ug/L	92
48) 2-Hexanone	8.679	43	10757	1.144	ug/L #	84
49) Dibromochloromethane	8.550	129	3135	0.198	ug/L #	11
61) 1,2,3-Trichloropropane	11.814	75	13581	1.233	ug/L #	67

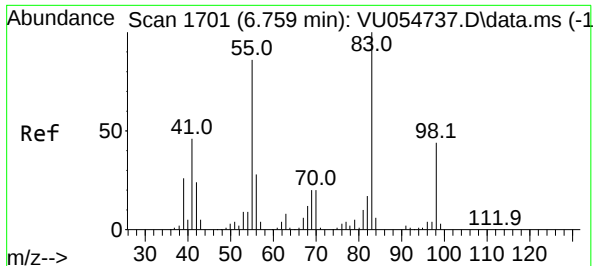
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.601 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU054754.D

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Instrument :

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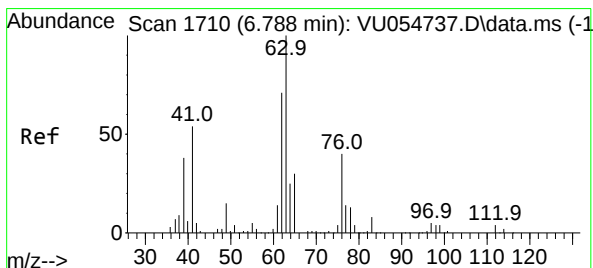
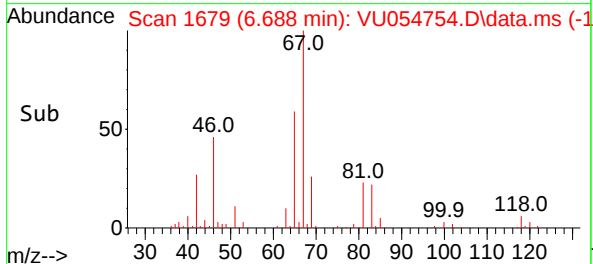
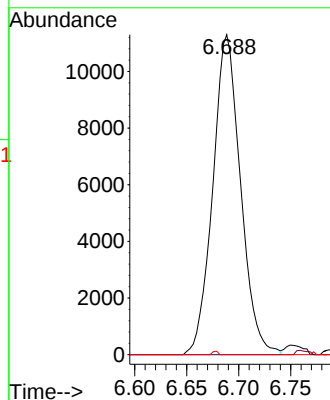
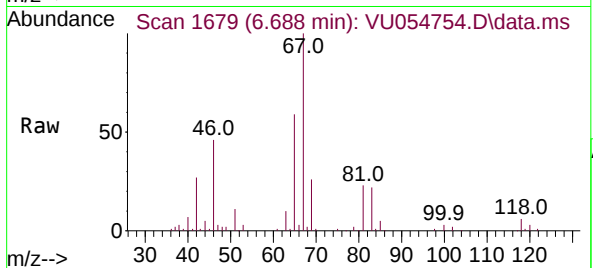
Tgt Ion: 83 Resp: 21001

Ion Ratio Lower Upper

83 100

55 0.1 67.1 100.7#

98 0.2 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.448 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU054754.D

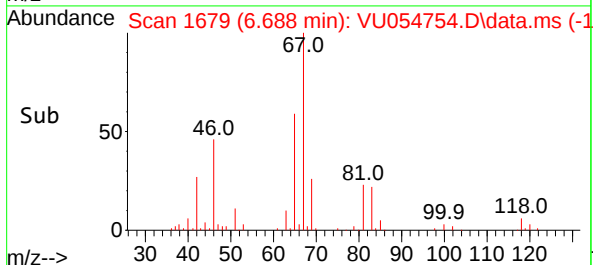
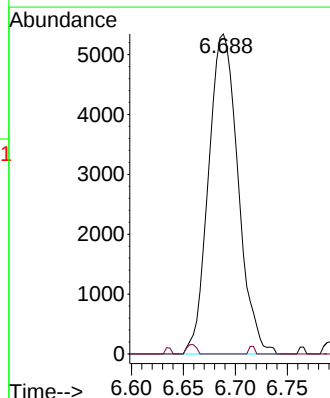
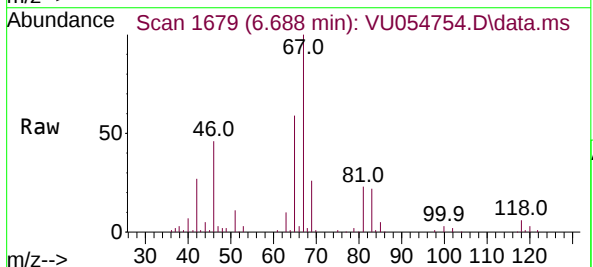
Acq: 03 Jul 2023 17:19

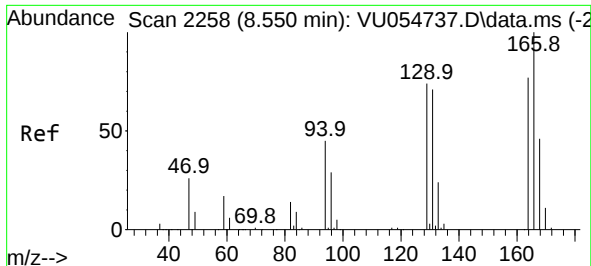
Tgt Ion: 63 Resp: 10594

Ion Ratio Lower Upper

63 100

112 0.5 3.0 4.6#





#47

Tetrachloroethene

Concen: 0.167 ug/L

RT: 8.553 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054754.D

Acq: 03 Jul 2023 17:19

Instrument :

MSVOA_U

ClientSampleId :

A46T3

Tgt Ion:164 Resp: 2949

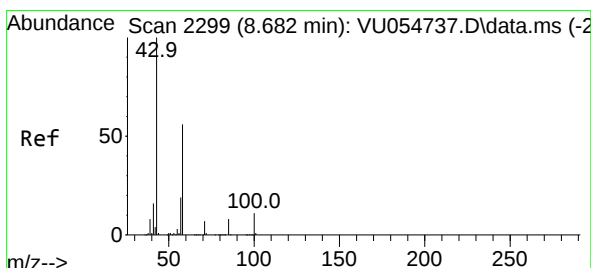
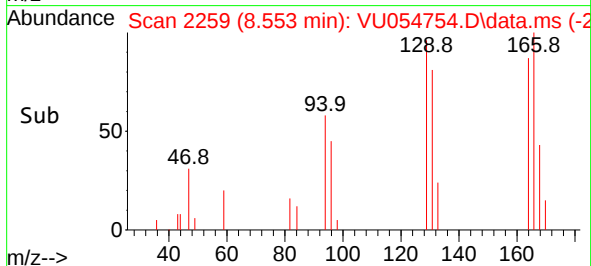
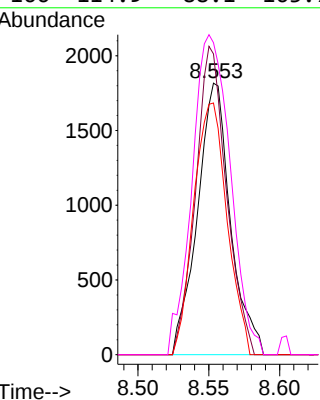
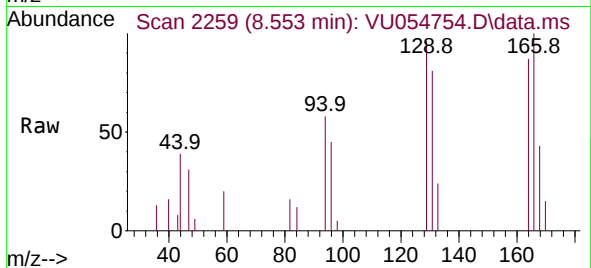
Ion Ratio Lower Upper

164 100

129 110.8 67.7 125.7

131 92.7 64.6 120.0

166 114.9 88.1 163.7



#48

2-Hexanone

Concen: 1.144 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.003 min

Lab File: VU054754.D

Acq: 03 Jul 2023 17:19

Tgt Ion: 43 Resp: 10757

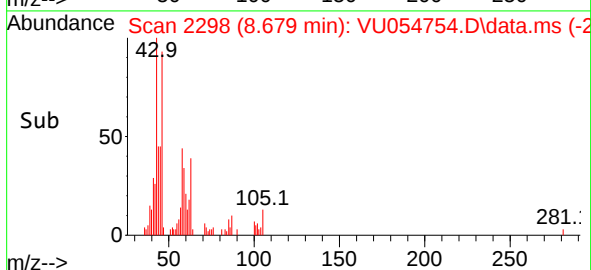
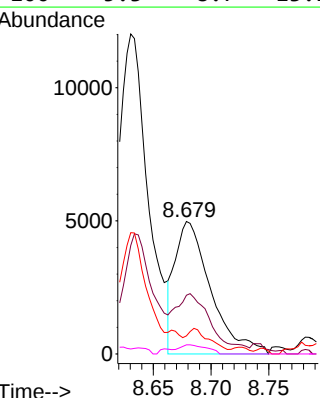
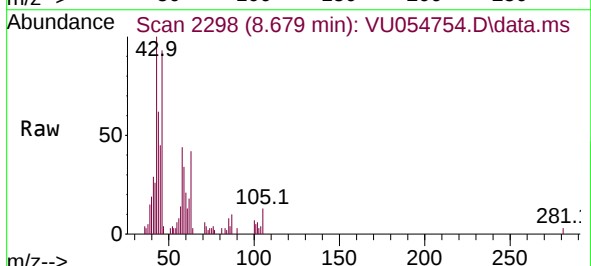
Ion Ratio Lower Upper

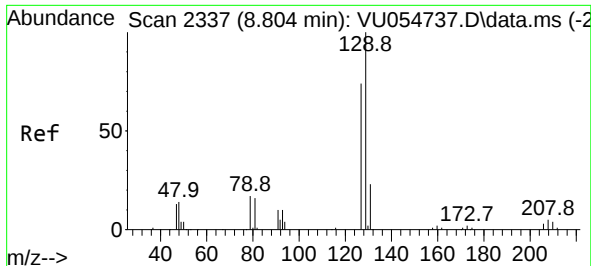
43 100

58 46.2 45.2 67.8

57 9.3 15.8 23.6#

100 5.3 8.7 13.1#

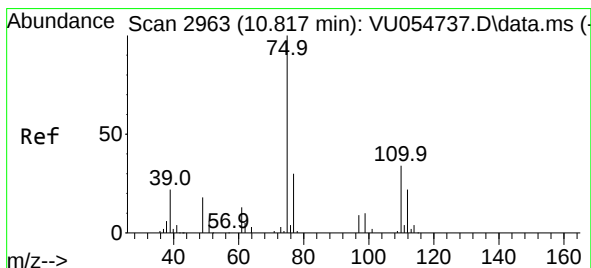
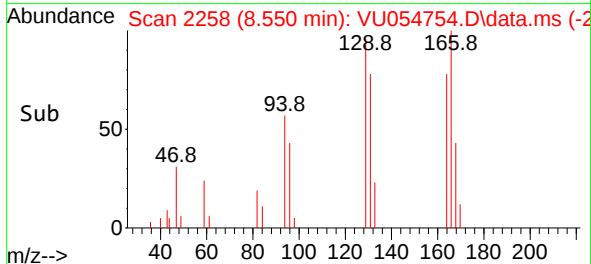
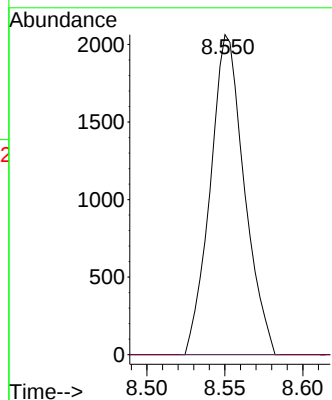
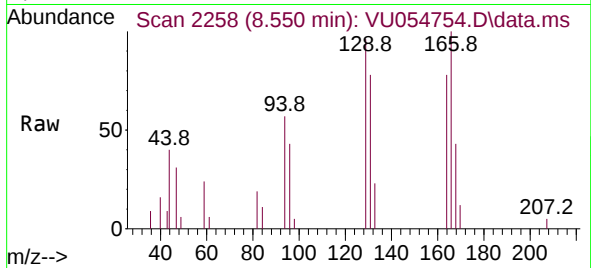




#49
Dibromochloromethane
Concen: 0.198 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU054754.D
Acq: 03 Jul 2023 17:19

Instrument :
MSVOA_U
ClientSampleId :
A46T3

Tgt Ion:129 Resp: 3135
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#



#61
1,2,3-Trichloropropane
Concen: 1.233 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.997 min
Lab File: VU054754.D
Acq: 03 Jul 2023 17:19

Tgt Ion: 75 Resp: 13581
Ion Ratio Lower Upper
75 100
110 2.4 28.0 42.0#
77 36.5 25.4 38.2

