

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045877.D
 Acq On : 18 Nov 2021 18:44
 Operator : SY/MD
 Sample : M4664-13DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4684DL

Quant Time: Nov 19 00:55:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

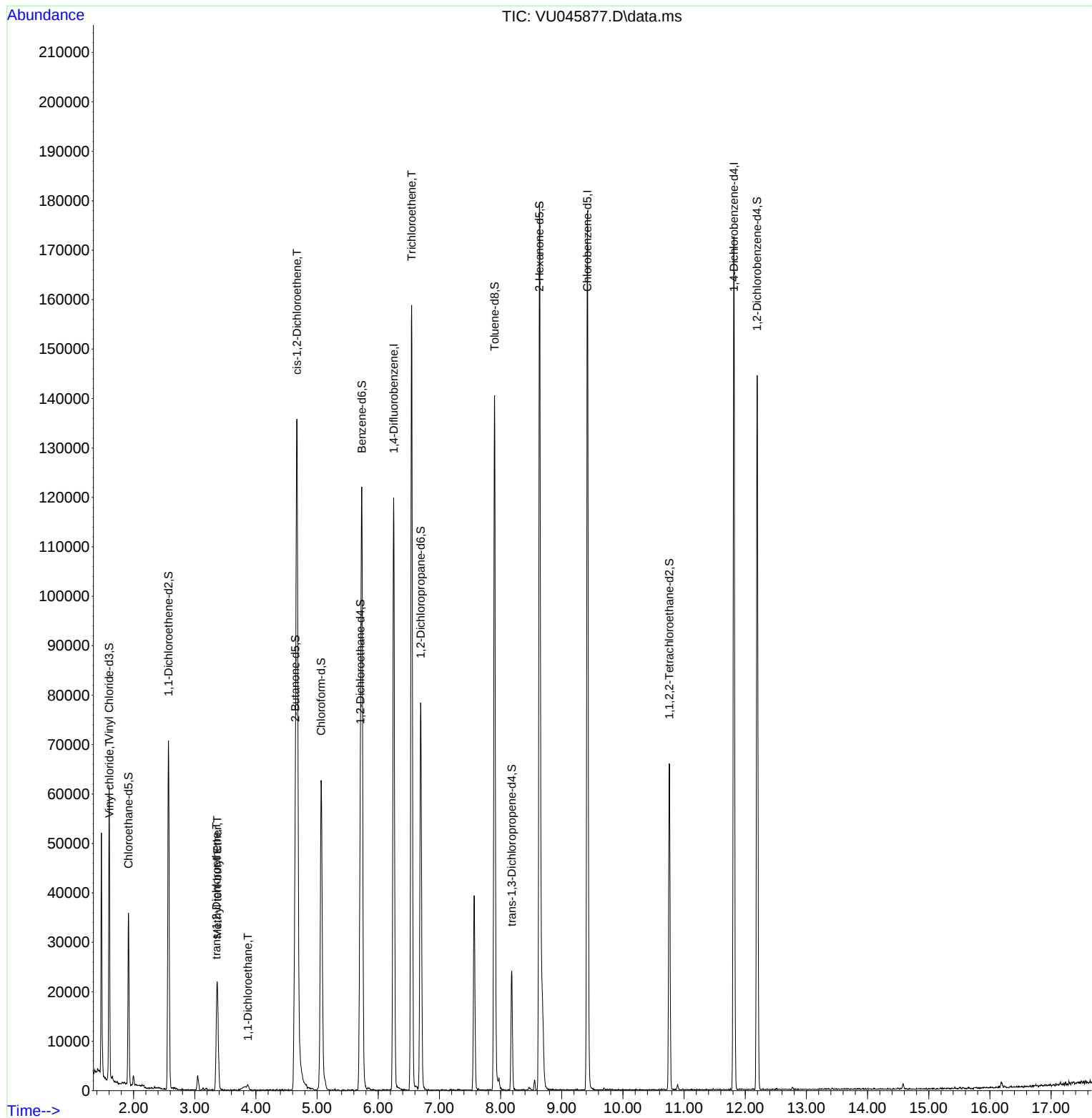
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95564	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	45624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	30524	4.031	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.600%	
7) Chloroethane-d5	1.916	69	25260	4.583	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.571	65	13481	4.245	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.000%	
20) 2-Butanone-d5	4.645	46	102956	50.741	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.480%	
24) Chloroform-d	5.067	84	56468	4.477	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	5.706	65	34030	4.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.732	84	114228	4.194	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
36) 1,2-Dichloropropane-d6	6.694	67	38325	4.465	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.902	98	96094	3.901	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.000%	
43) trans-1,3-Dichloroprop...	8.182	79	13896	3.988	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.800%	
46) 2-Hexanone-d5	8.636	63	63434	40.449	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.900%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32665	4.505	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37145	4.742	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	8525	1.030	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	21851	1.419	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	1825	0.288	ug/L	89
19) 1,1-Dichloroethane	3.870	63	1124	0.095	ug/L #	88
22) cis-1,2-Dichloroethene	4.671	96	57614	8.380	ug/L	99
34) Trichloroethene	6.546	95	53644	7.543	ug/L	99

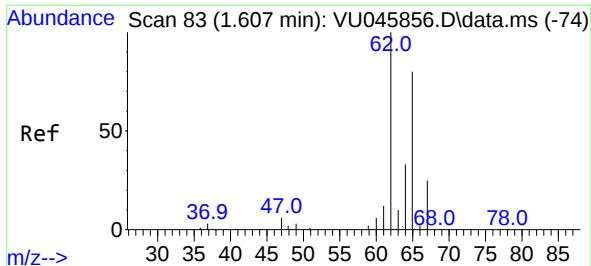
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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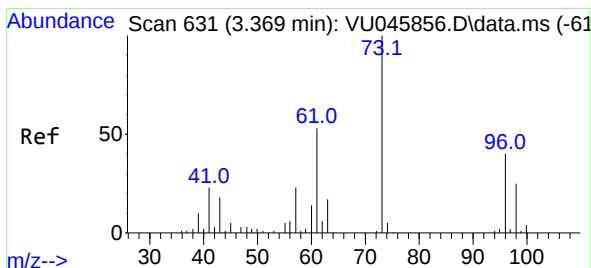
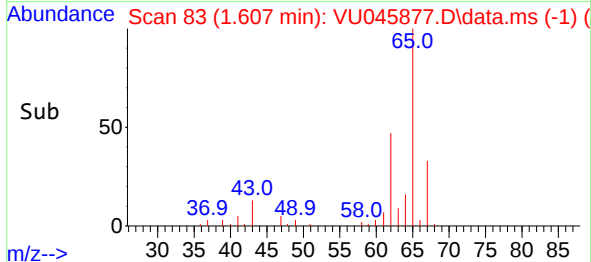
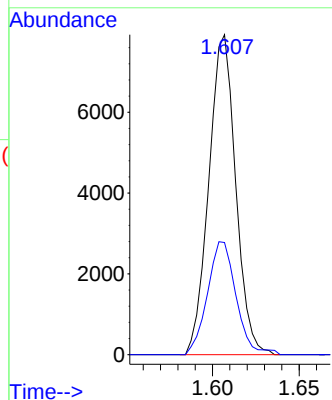
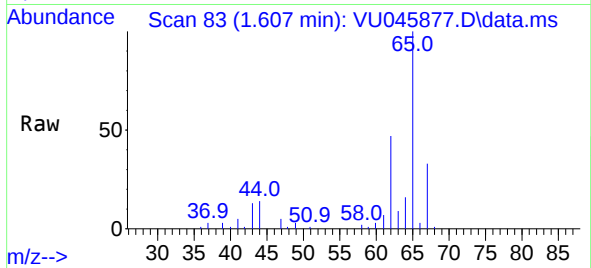




#5
 Vinyl chloride
 Concen: 1.030 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU045877.D
 Acq: 18 Nov 2021 18:44

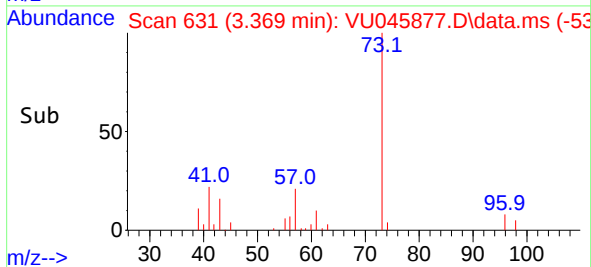
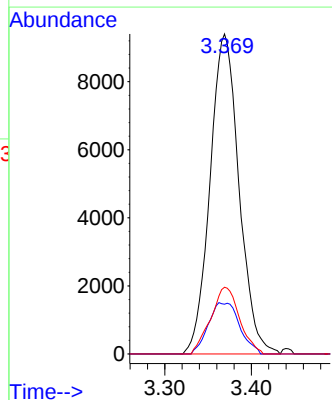
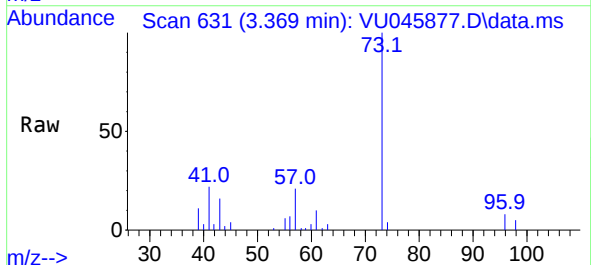
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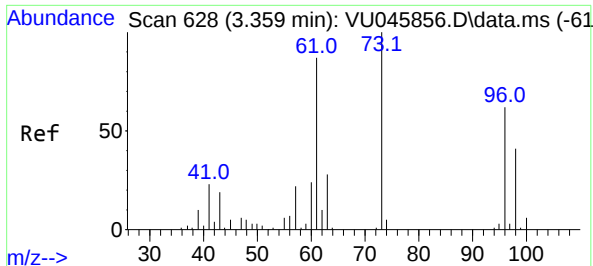
Tgt Ion: 62 Resp: 8525
 Ion Ratio Lower Upper
 62 100
 64 35.1 22.9 42.5



#17
 Methyl tert-butyl Ether
 Concen: 1.419 ug/L
 RT: 3.369 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VU045877.D
 Acq: 18 Nov 2021 18:44

Tgt Ion: 73 Resp: 21851
 Ion Ratio Lower Upper
 73 100
 43 17.3 14.8 22.2
 57 20.7 17.4 26.0

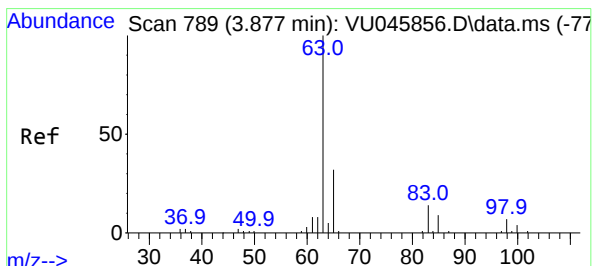
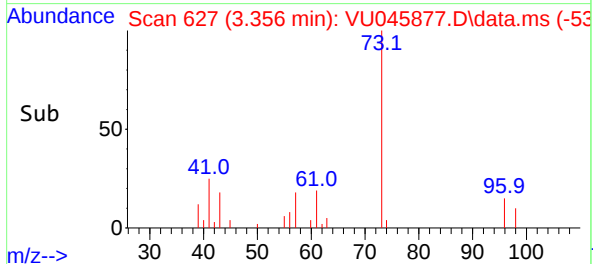
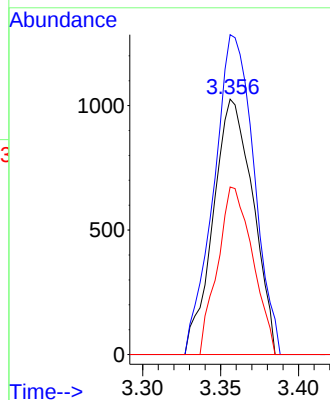
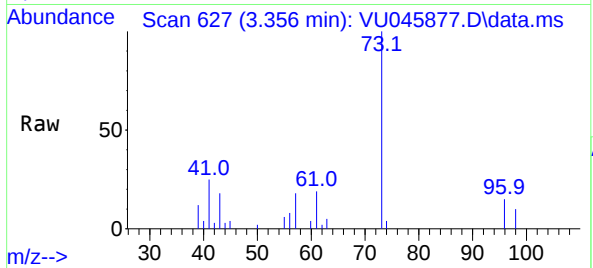




#18
trans-1,2-Dichloroethene
Concen: 0.288 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045877.D
Acq: 18 Nov 2021 18:44

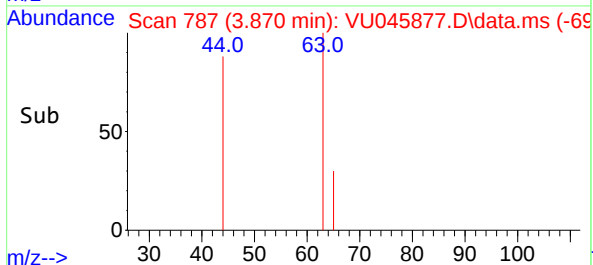
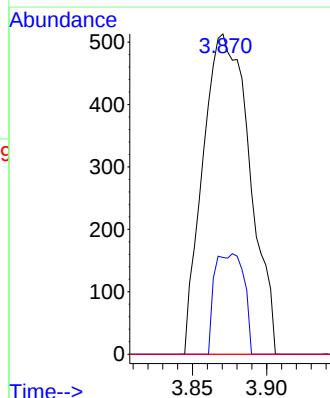
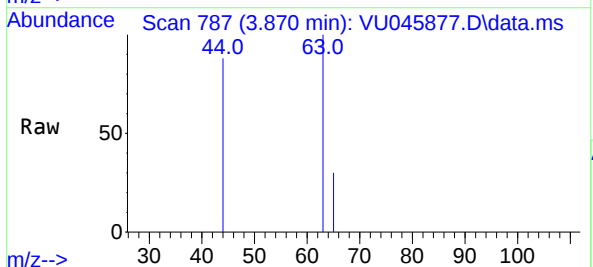
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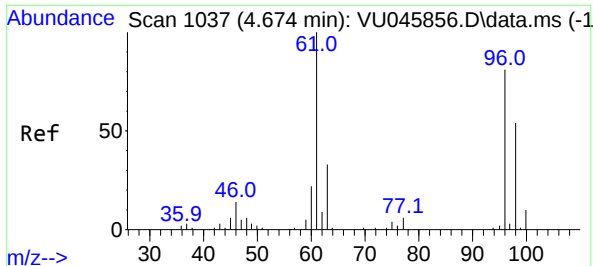
Tgt Ion: 96 Resp: 1825
Ion Ratio Lower Upper
96 100
61 125.2 100.8 187.2
98 65.6 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.095 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.006 min
Lab File: VU045877.D
Acq: 18 Nov 2021 18:44

Tgt Ion: 63 Resp: 1124
Ion Ratio Lower Upper
63 100
65 30.2 22.3 41.5
83 0.0 9.6 17.8#

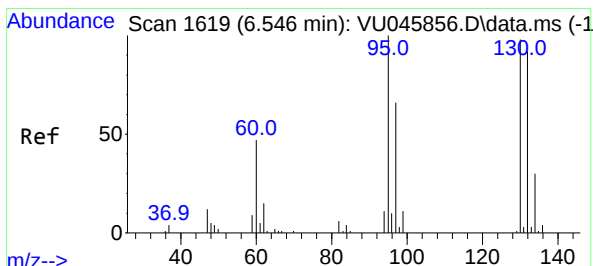
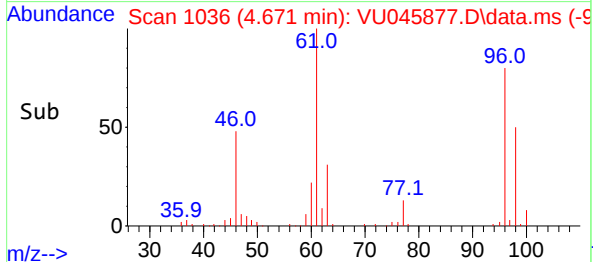
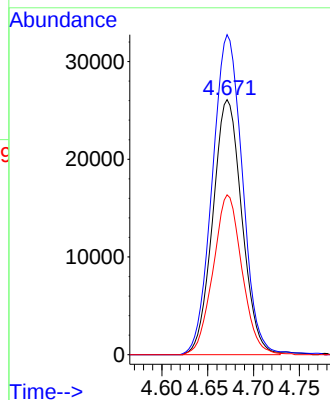
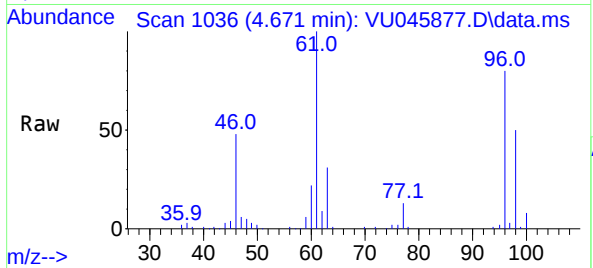




#22
cis-1,2-Dichloroethene
Concen: 8.380 ug/L
RT: 4.671 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU045877.D
Acq: 18 Nov 2021 18:44

Instrument :
MSVOA_U
ClientSampleId :
H4684DL

Tgt Ion: 96 Resp: 57614
Ion Ratio Lower Upper
96 100
61 125.4 88.5 164.3
98 62.7 44.4 82.5



#34
Trichloroethene
Concen: 7.543 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045877.D
Acq: 18 Nov 2021 18:44

Tgt Ion: 95 Resp: 53644
Ion Ratio Lower Upper
95 100
97 66.6 46.5 86.5
132 95.8 65.1 120.9
130 95.2 67.3 124.9

