

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061923\
 Data File : VU054603.D
 Acq On : 19 Jun 2023 17:57
 Operator : MD/SY
 Sample : 03232-04DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONL2DL

Quant Time: Jun 20 05:53:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

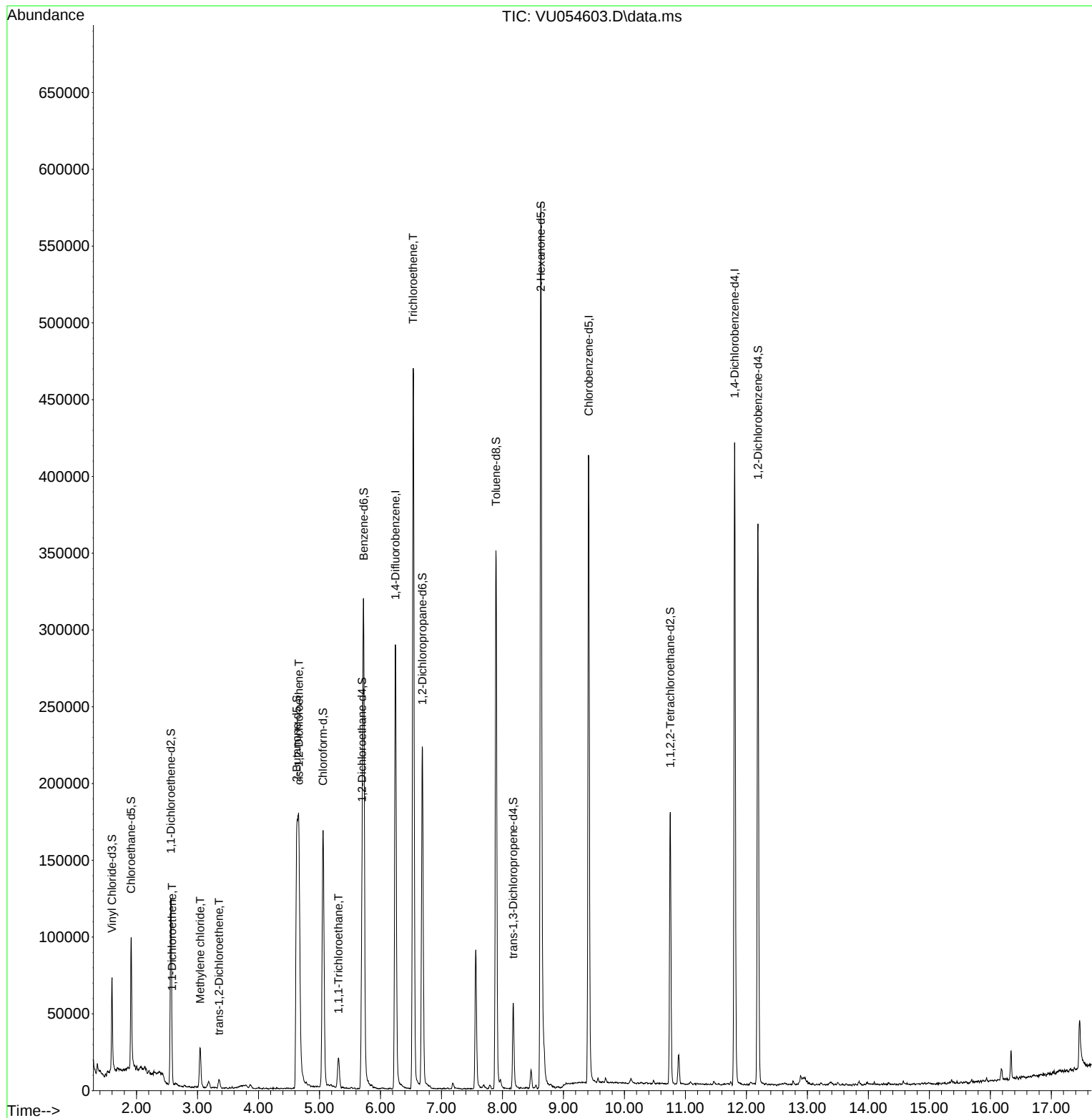
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	237280	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	234925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	112865	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	45258	2.997	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	60.000%	
7) Chloroethane-d5	1.911	69	65994	4.668	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.400%	
11) 1,1-Dichloroethene-d2	2.563	65	22834	3.386	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.800%	
20) 2-Butanone-d5	4.627	46	284024	66.897	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	133.800%#	
24) Chloroform-d	5.058	84	161611	5.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	5.698	65	87623	5.695	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.800%	
32) Benzene-d6	5.724	84	294545	4.510	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	6.688	67	113454	5.202	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.000%	
41) Toluene-d8	7.894	98	234398	4.044	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	8.177	79	33087	4.363	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.631	63	199776	62.787	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	125.580%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92187	5.668	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	100284	5.268	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.583	96	2248	0.131	ug/L #	1
16) Methylene chloride	3.042	84	12222	0.505	ug/L	91
18) trans-1,2-Dichloroethene	3.354	96	2074	0.117	ug/L #	76
22) cis-1,2-Dichloroethene	4.663	96	60428	2.986	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	14231	0.447	ug/L	99
34) Trichloroethene	6.537	95	168713	7.557	ug/L	97

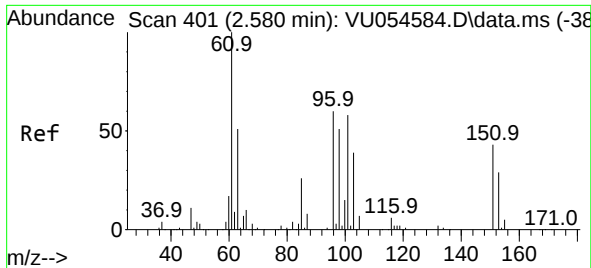
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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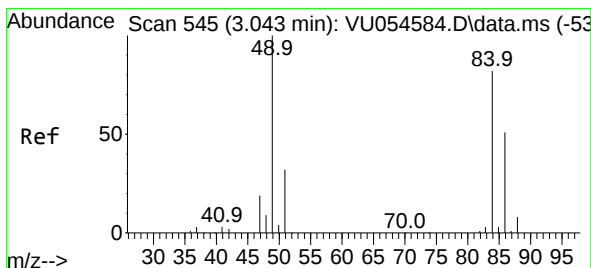
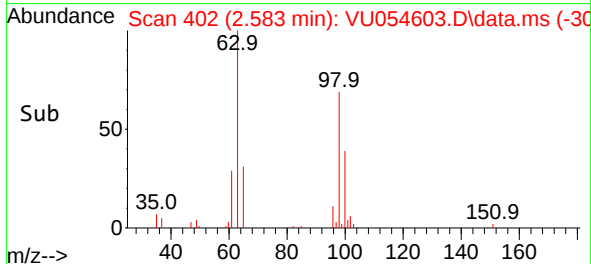
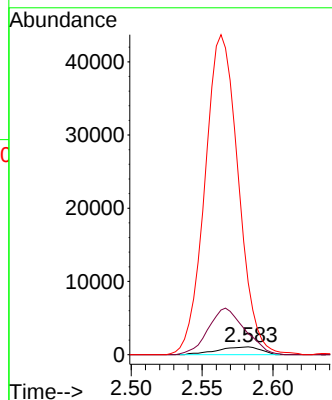
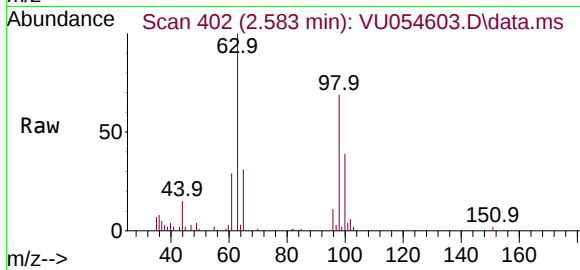




#12
1,1-Dichloroethene
Concen: 0.131 ug/L
RT: 2.583 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU054603.D
Acq: 19 Jun 2023 17:57

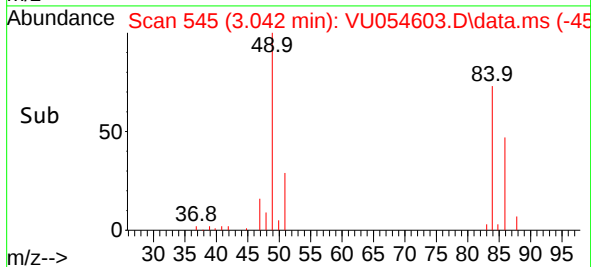
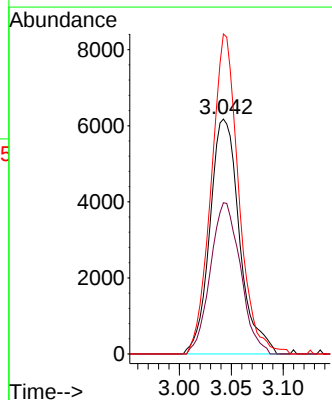
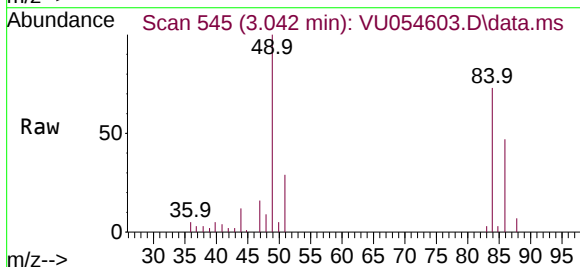
Instrument :
MSVOA_U
ClientSampleId :
CONL2DL

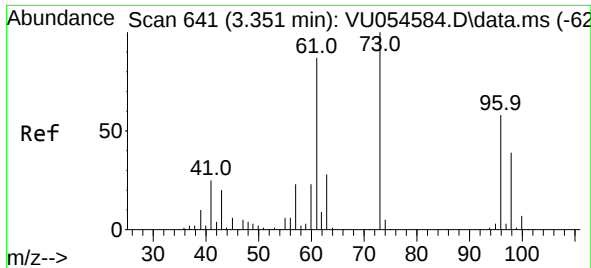
Tgt Ion: 96 Resp: 2248
Ion Ratio Lower Upper
96 100
61 267.0 119.9 222.7#
63 922.9 64.3 119.3#



#16
Methylene chloride
Concen: 0.505 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054603.D
Acq: 19 Jun 2023 17:57

Tgt Ion: 84 Resp: 12222
Ion Ratio Lower Upper
84 100
86 64.4 43.9 81.5
49 136.3 86.1 159.9

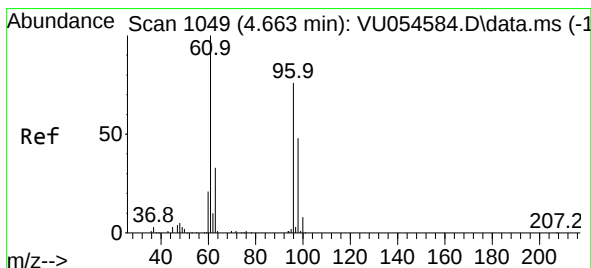
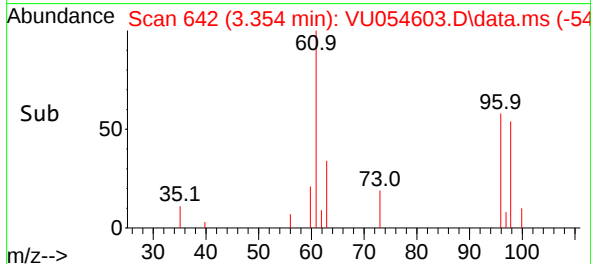
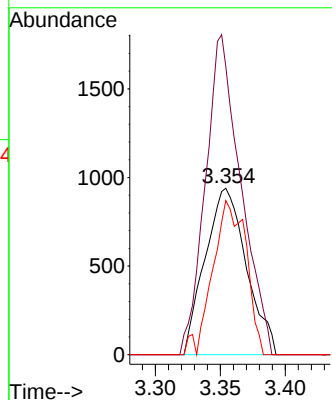
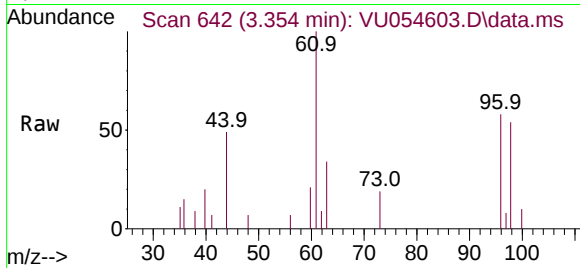




#18
trans-1,2-Dichloroethene
Concen: 0.117 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054603.D
Acq: 19 Jun 2023 17:57

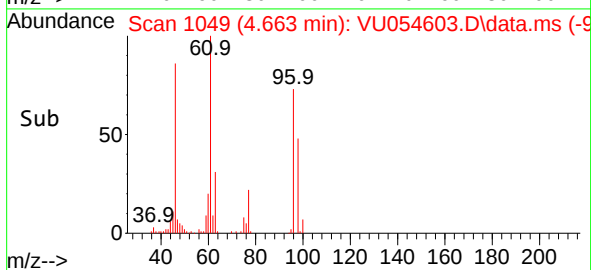
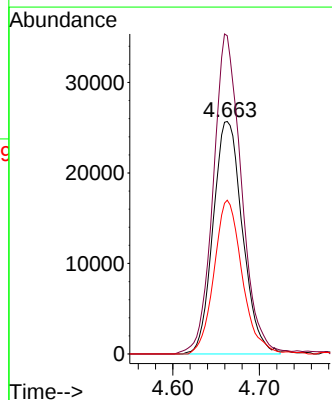
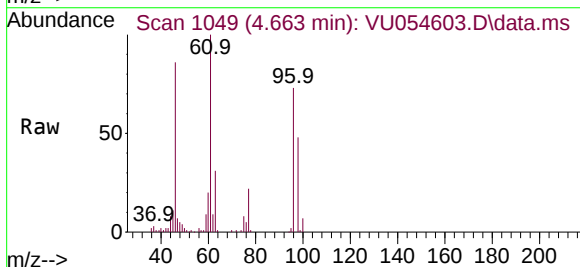
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ClientSampleId :
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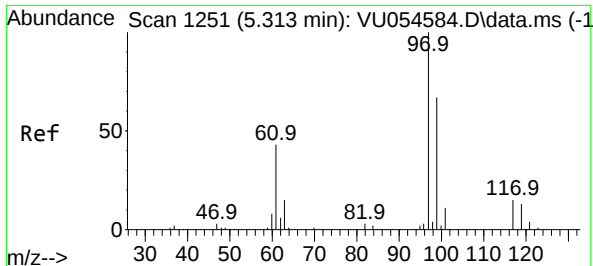
Tgt Ion: 96 Resp: 2074
Ion Ratio Lower Upper
96 100
61 173.2 104.6 194.2
98 92.7 45.4 84.4#



#22
cis-1,2-Dichloroethene
Concen: 2.986 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054603.D
Acq: 19 Jun 2023 17:57

Tgt Ion: 96 Resp: 60428
Ion Ratio Lower Upper
96 100
61 136.9 96.5 179.1
98 66.1 44.9 83.3





#29

1,1,1-Trichloroethane

Concen: 0.447 ug/L

RT: 5.312 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054603.D

Acq: 19 Jun 2023 17:57

Instrument :

MSVOA_U

ClientSampleId :

CONL2DL

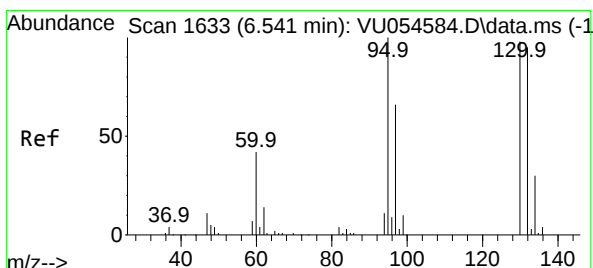
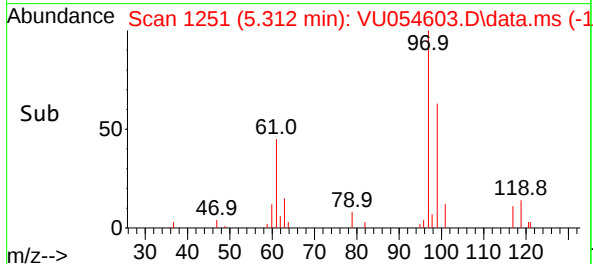
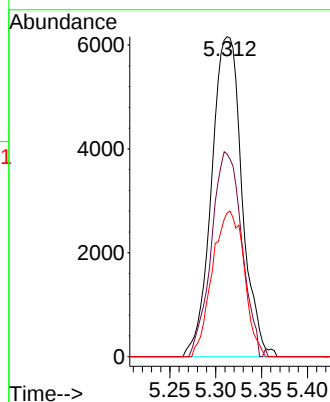
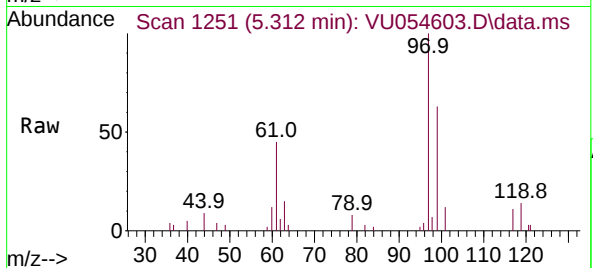
Tgt Ion: 97 Resp: 14231

Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 47.3 36.1 54.1



#34

Trichloroethene

Concen: 7.557 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU054603.D

Acq: 19 Jun 2023 17:57

Tgt Ion: 95 Resp: 168713

Ion Ratio Lower Upper

95 100

97 63.2 46.8 87.0

132 93.6 68.4 127.0

130 100.0 68.7 127.5

