

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051692.D
 Acq On : 02 Nov 2022 15:14
 Operator : JC/MD
 Sample : N5321-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWV9DL

Quant Time: Nov 03 01:48:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

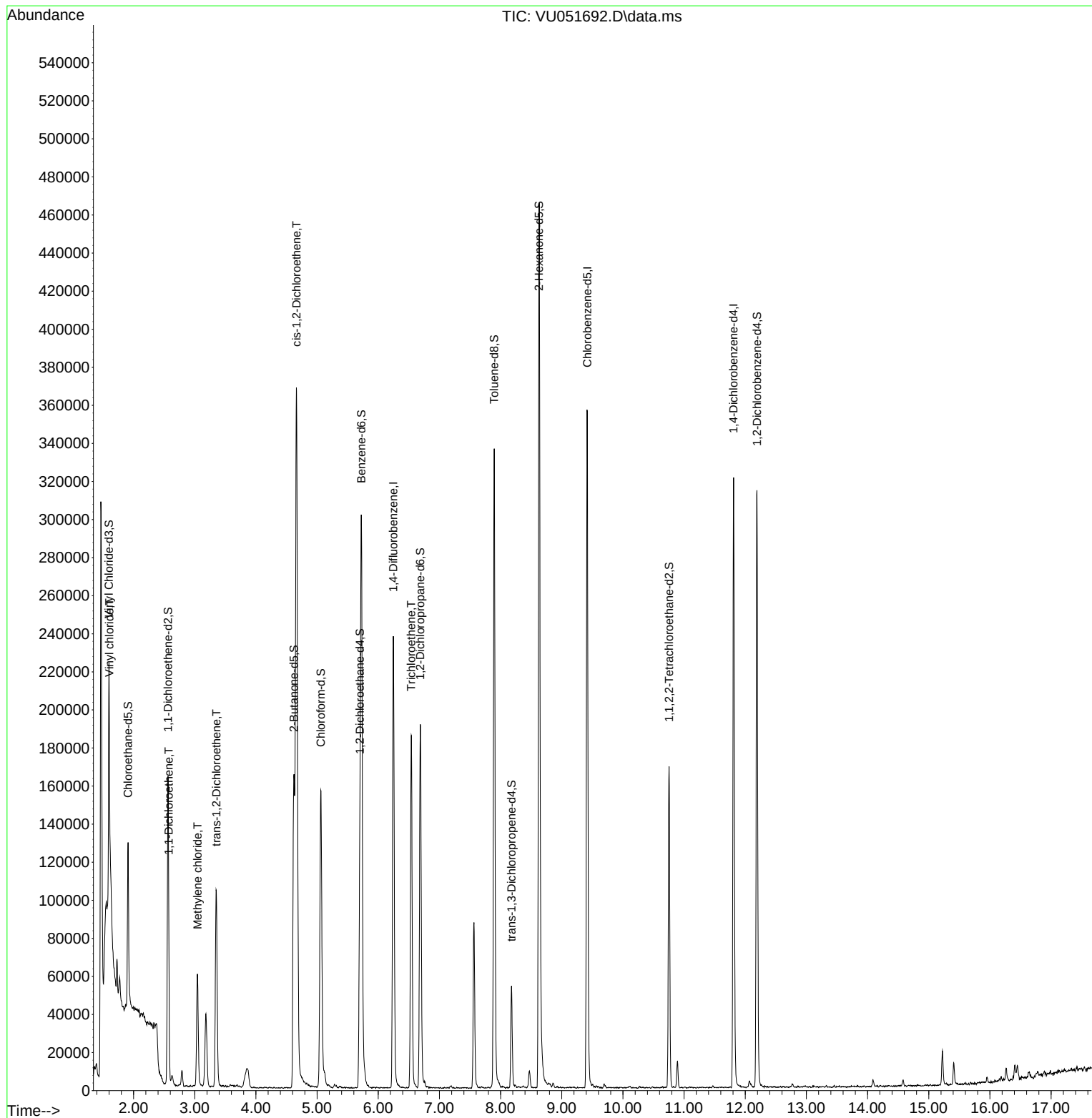
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	200268	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	208022	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	90268	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76722	5.087	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.800%
7) Chloroethane-d5	1.909	69	68367	4.346	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.565	65	30534	5.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.600%
20) 2-Butanone-d5	4.620	46	203522	37.258	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.520%
24) Chloroform-d	5.063	84	147954	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.700	65	76751	4.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
32) Benzene-d6	5.726	84	295099	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.687	67	99230	4.323	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.896	98	236295	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.179	79	31214	4.447	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.629	63	161522	38.229	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.460%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	86232	4.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	87426	5.277	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	14474	0.547	ug/L	# 1
12) 1,1-Dichloroethene	2.575	96	2860	0.164	ug/L	# 1
16) Methylene chloride	3.044	84	29698	1.041	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	45929	2.458	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	194076	9.387	ug/L	98
34) Trichloroethene	6.539	95	64885	3.275	ug/L	99

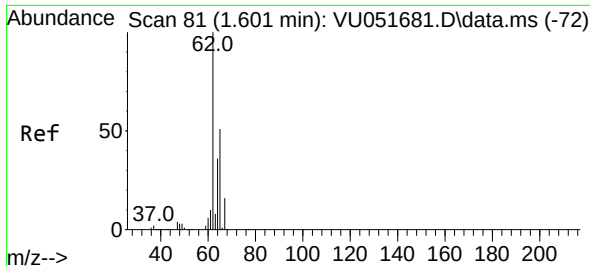
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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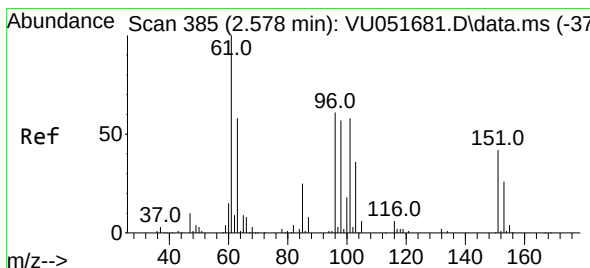
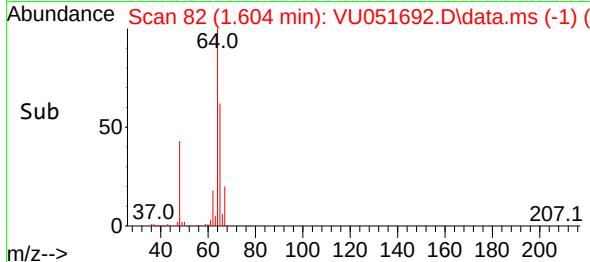
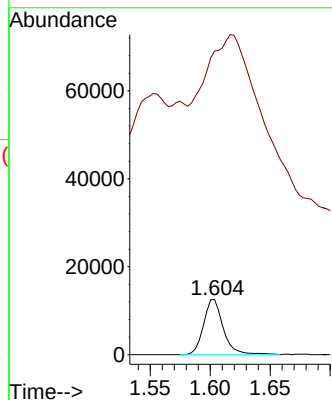
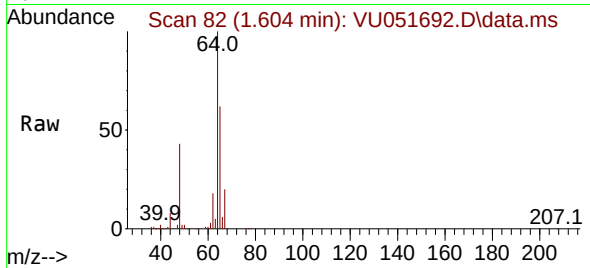




#5
 Vinyl chloride
 Concen: 0.547 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051692.D
 Acq: 02 Nov 2022 15:14

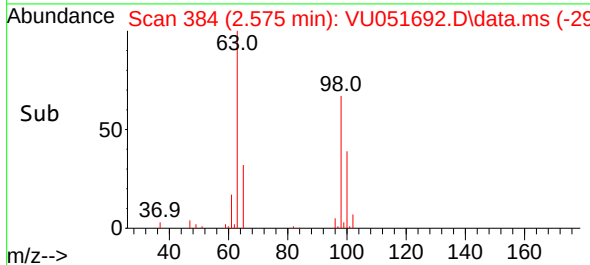
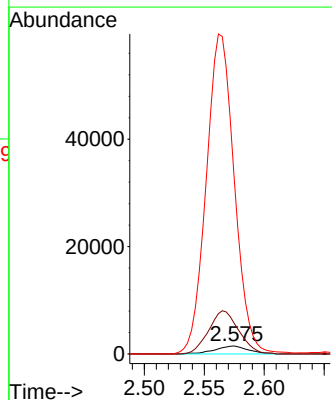
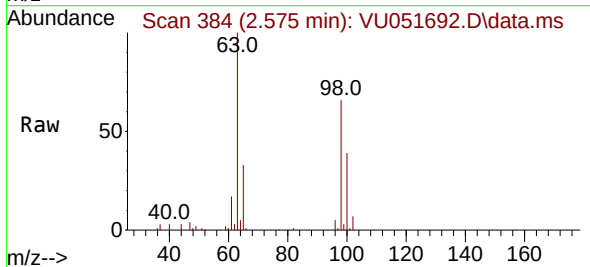
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWV9DL

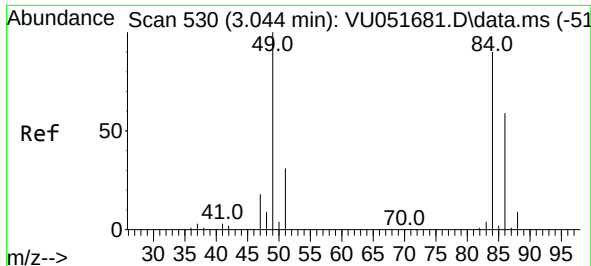
Tgt Ion: 62 Resp: 14474
 Ion Ratio Lower Upper
 62 100
 64 550.9 22.1 41.1#



#12
 1,1-Dichloroethene
 Concen: 0.164 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051692.D
 Acq: 02 Nov 2022 15:14

Tgt Ion: 96 Resp: 2860
 Ion Ratio Lower Upper
 96 100
 61 385.9 108.8 202.0#
 63 2219.4 64.9 120.5#

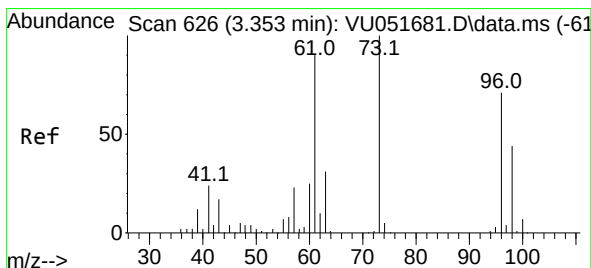
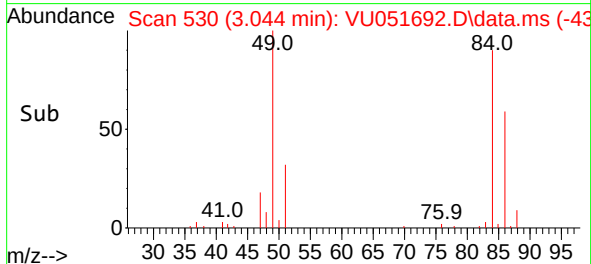
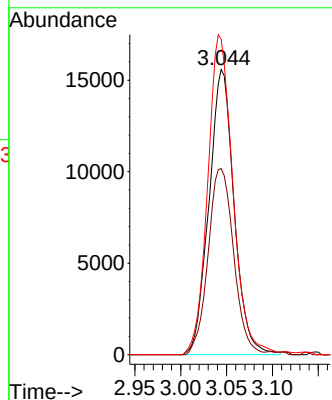
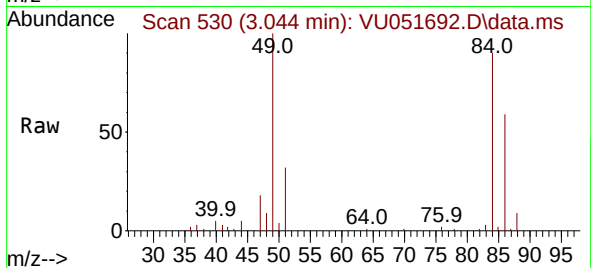




#16
Methylene chloride
Concen: 1.041 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

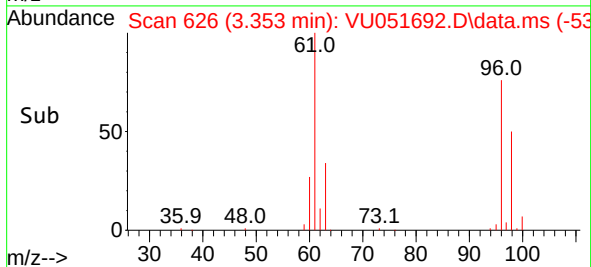
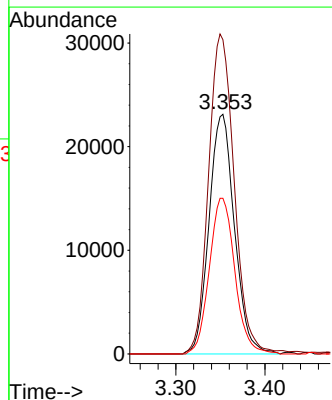
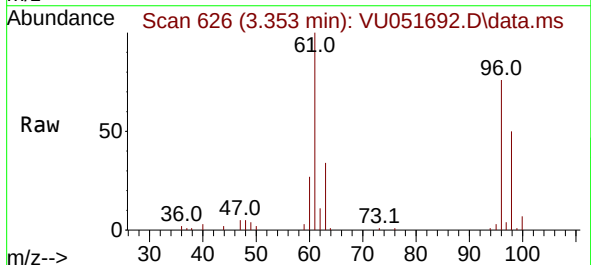
Instrument :
MSVOA_U
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DBWV9DL

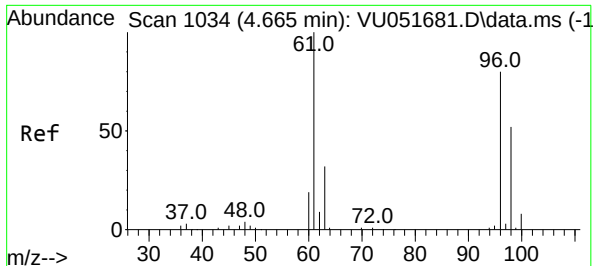
Tgt Ion: 84 Resp: 29698
Ion Ratio Lower Upper
84 100
86 65.3 46.3 85.9
49 110.6 76.0 141.2



#18
trans-1,2-Dichloroethene
Concen: 2.458 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

Tgt Ion: 96 Resp: 45929
Ion Ratio Lower Upper
96 100
61 131.1 94.7 175.9
98 65.0 44.2 82.0





#22

cis-1,2-Dichloroethene

Concen: 9.387 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051692.D

Acq: 02 Nov 2022 15:14

Instrument :

MSVOA_U

ClientSampleId :

DBWV9DL

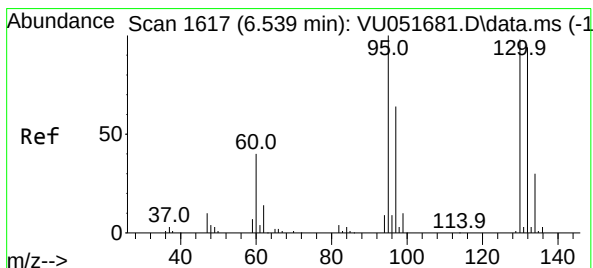
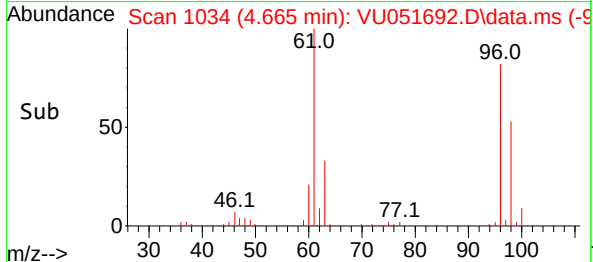
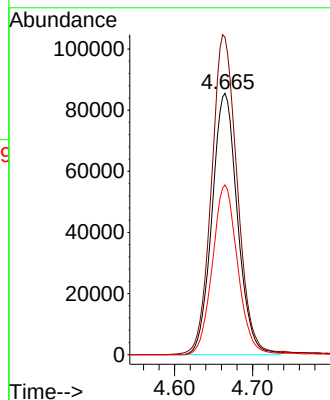
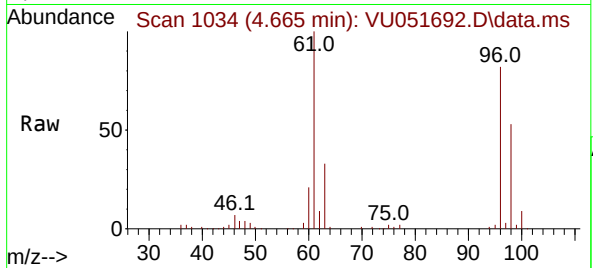
Tgt Ion: 96 Resp: 194076

Ion Ratio Lower Upper

96 100

61 121.5 86.4 160.4

98 65.0 44.2 82.2



#34

Trichloroethene

Concen: 3.275 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU051692.D

Acq: 02 Nov 2022 15:14

Tgt Ion: 95 Resp: 64885

Ion Ratio Lower Upper

95 100

97 63.9 45.2 84.0

132 95.7 66.5 123.5

130 99.1 68.3 126.8

