

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029813.D
 Acq On : 13 Jan 2023 17:05
 Operator : SY/MD
 Sample : 01138-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X0

Quant Time: Jan 13 22:52:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

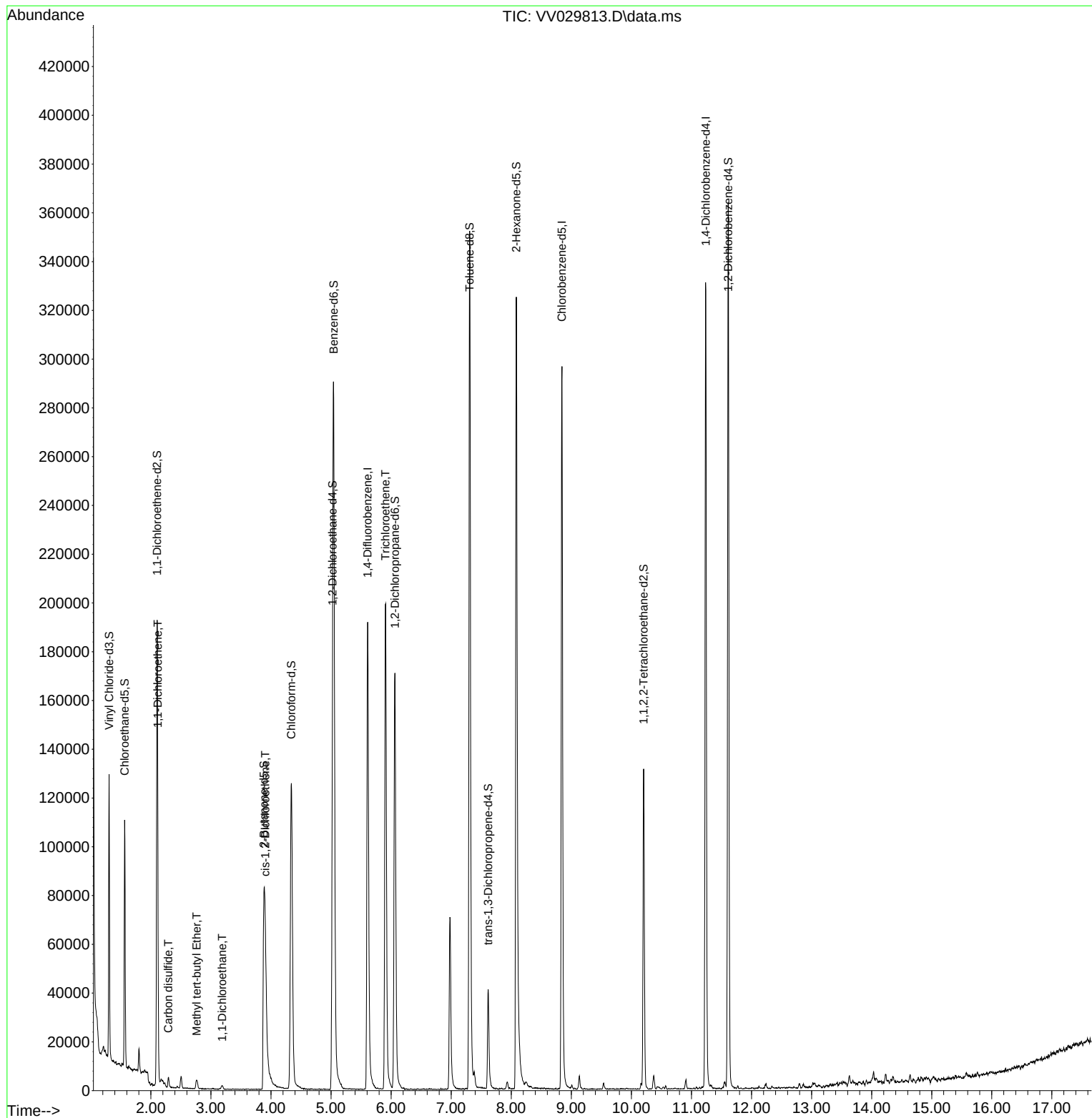
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	182947	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	178782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	92836	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69480	5.007	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.200%	
7) Chloroethane-d5	1.565	69	63831	5.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 111.000%	
11) 1,1-Dichloroethene-d2	2.105	63	96802	3.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 76.600%	
20) 2-Butanone-d5	3.883	46	139686	56.795	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 113.580%	
24) Chloroform-d	4.339	84	143116	5.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 112.400%	
26) 1,2-Dichloroethane-d4	5.024	65	63471	5.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 117.800%	
32) Benzene-d6	5.043	84	293503	5.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.600%	
36) 1,2-Dichloropropane-d6	6.063	67	93037	5.994	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 119.800%	
41) Toluene-d8	7.307	98	254328	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 103.600%	
43) trans-1,3-Dichloroprop...	7.616	79	26161	4.615	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 92.400%	
46) 2-Hexanone-d5	8.085	63	127275	55.152	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 110.300%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	67009	5.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 117.800%	
66) 1,2-Dichlorobenzene-d4	11.612	152	99993	5.924	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 118.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	6621	0.424	ug/L #	1
14) Carbon disulfide	2.291	76	6113	0.136	ug/L #	92
17) Methyl tert-butyl Ether	2.764	73	3018	0.112	ug/L #	89
19) 1,1-Dichloroethane	3.188	63	2023	0.083	ug/L	89
22) cis-1,2-Dichloroethene	3.905	96	17191	1.111	ug/L	97
34) Trichloroethene	5.905	95	74285	4.959	ug/L	96

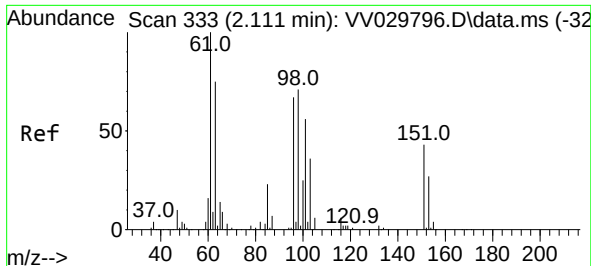
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

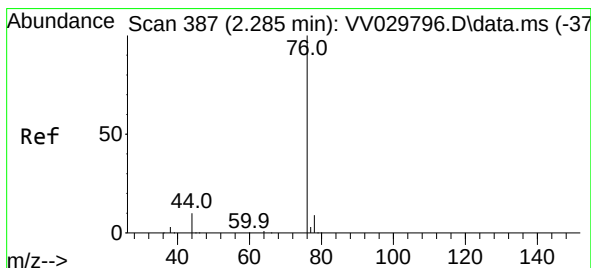
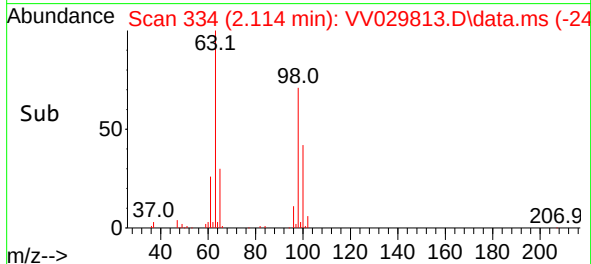
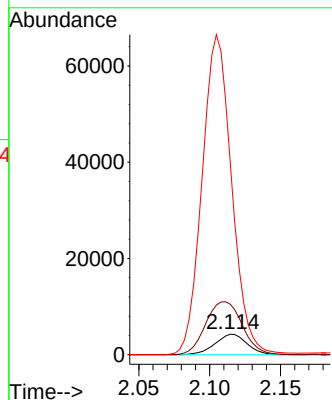
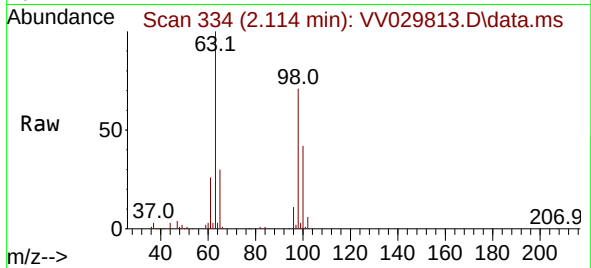




#12
1,1-Dichloroethene
Concen: 0.424 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

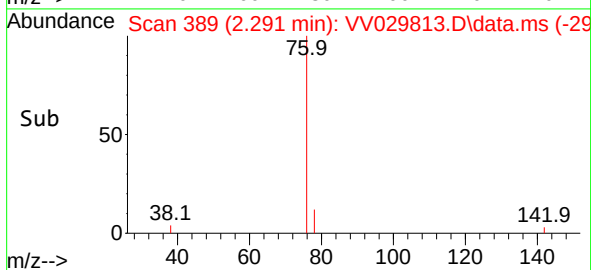
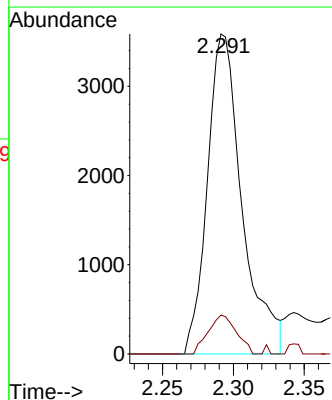
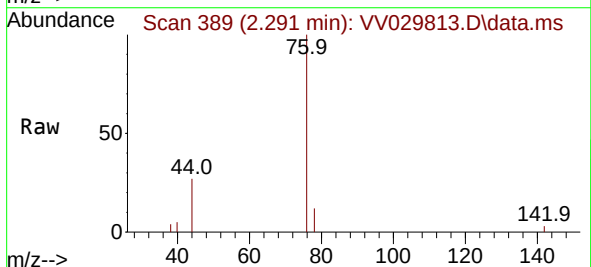
Instrument :
MSVOA_V
ClientSampleId :
BH1X0

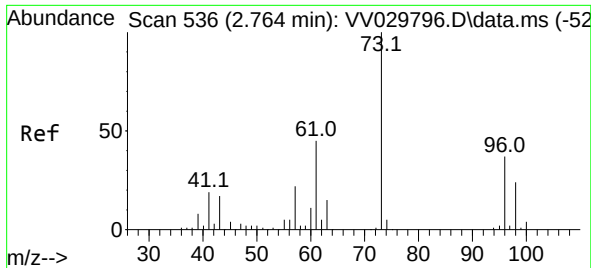
Tgt Ion: 96 Resp: 6621
Ion Ratio Lower Upper
96 100
61 246.0 106.1 197.1#
63 944.6 76.4 141.8#



#14
Carbon disulfide
Concen: 0.136 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

Tgt Ion: 76 Resp: 6113
Ion Ratio Lower Upper
76 100
78 12.2 7.4 11.0#

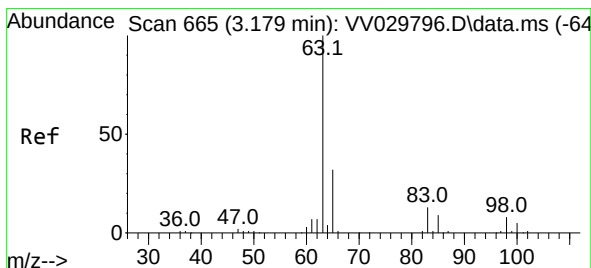
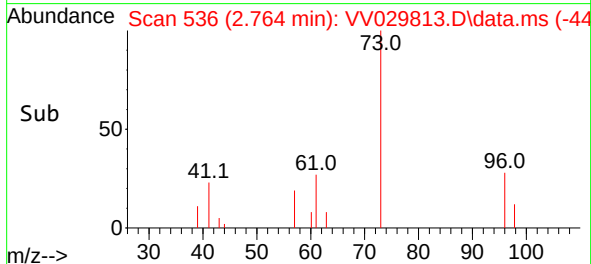
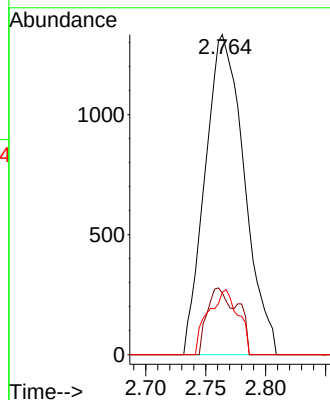
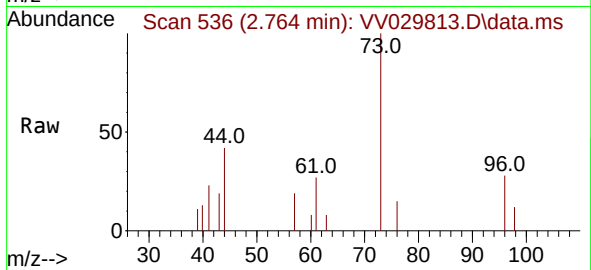




#17
Methyl tert-butyl Ether
Concen: 0.112 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

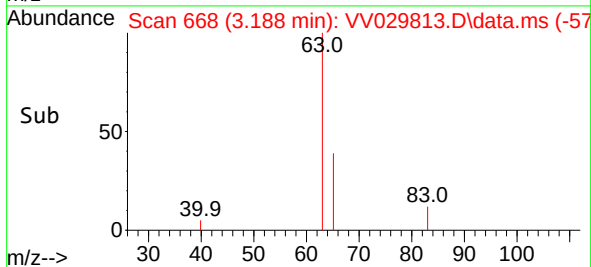
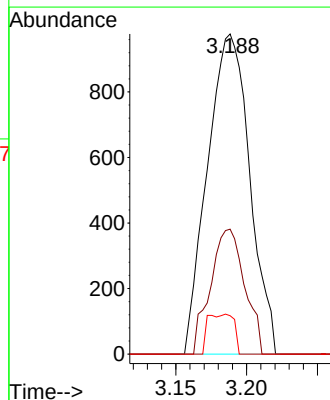
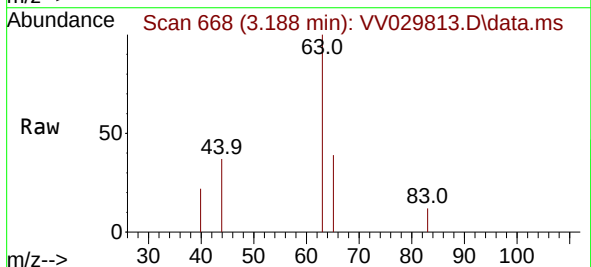
Instrument :
MSVOA_V
ClientSampleId :
BH1X0

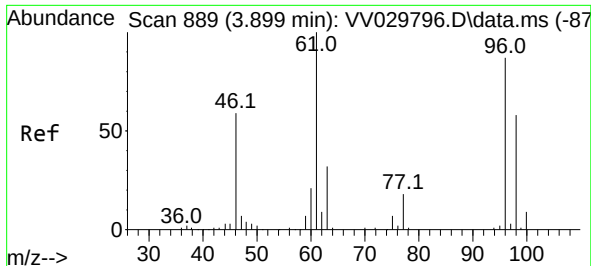
Tgt Ion: 73 Resp: 3018
Ion Ratio Lower Upper
73 100
43 12.4 13.0 19.4#
57 15.6 17.1 25.7#



#19
1,1-Dichloroethane
Concen: 0.083 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.010 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

Tgt Ion: 63 Resp: 2023
Ion Ratio Lower Upper
63 100
65 39.0 22.4 41.6
83 12.0 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 1.111 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029813.D

Acq: 13 Jan 2023 17:05

Instrument :

MSVOA_V

ClientSampleId :

BH1X0

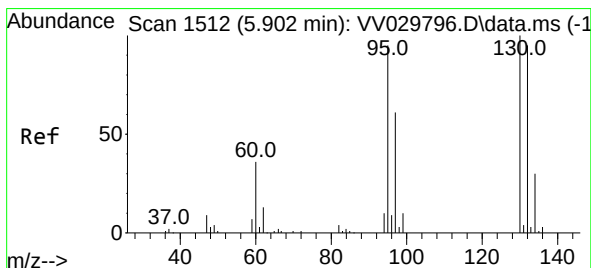
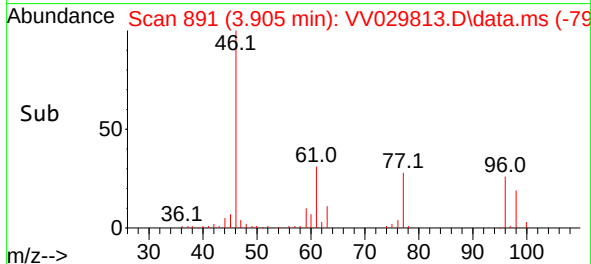
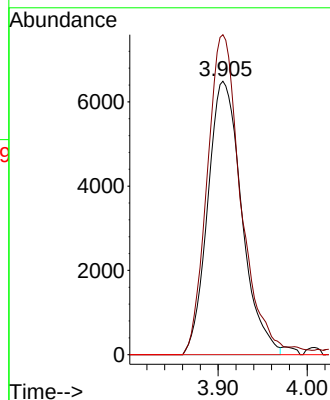
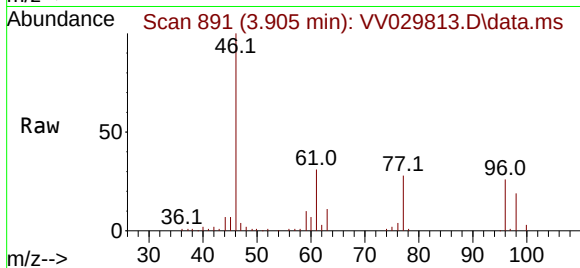
Tgt Ion: 96 Resp: 17191

Ion Ratio Lower Upper

96 100

61 117.0 80.0 148.6

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 4.959 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VV029813.D

Acq: 13 Jan 2023 17:05

Tgt Ion: 95 Resp: 74285

Ion Ratio Lower Upper

95 100

97 65.0 44.9 83.3

132 96.5 71.8 133.4

130 102.8 75.3 139.8

