

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055191.D
 Acq On : 07 Sep 2023 16:14
 Operator : MD/SY
 Sample : 04286-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4F7

Quant Time: Sep 08 05:08:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

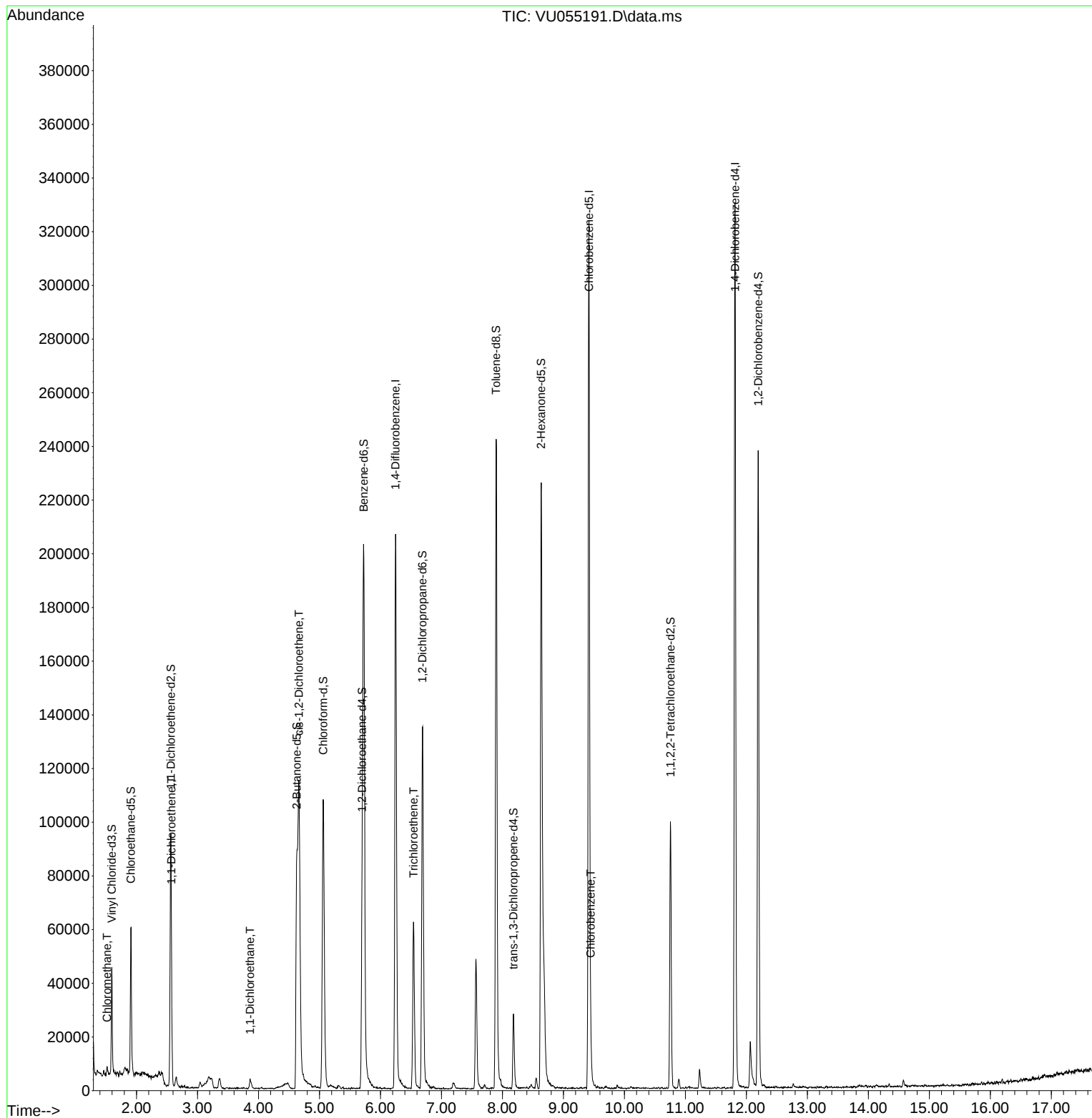
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	161602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	170702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	84352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26912	3.553	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.907	69	37316	4.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.563	65	17484	4.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.627	46	128227	58.340	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.680%
24) Chloroform-d	5.062	84	98614	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.698	65	53061	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.727	84	187986	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.688	67	63263	4.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.897	98	160938	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.180	79	15741	4.265	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.634	63	70758	47.224	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.440%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	48802	5.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	59154	4.804	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
3) Chloromethane	1.518	50	2680	0.280	ug/L #	74
12) 1,1-Dichloroethene	2.573	96	1429	0.191	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	4258	0.260	ug/L #	91
22) cis-1,2-Dichloroethene	4.663	96	47204	5.087	ug/L	99
34) Trichloroethene	6.544	95	20784	2.058	ug/L	96
51) Chlorobenzene	9.447	112	4880	0.190	ug/L	95

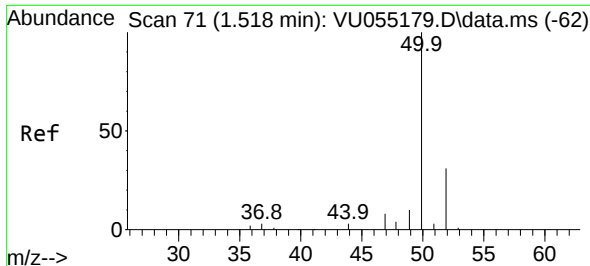
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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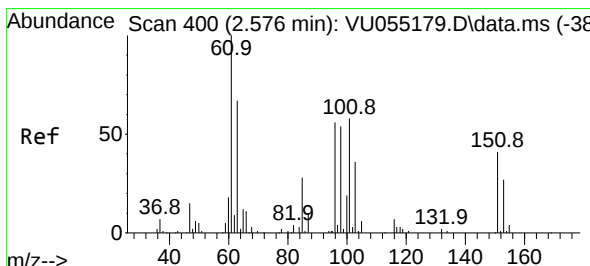
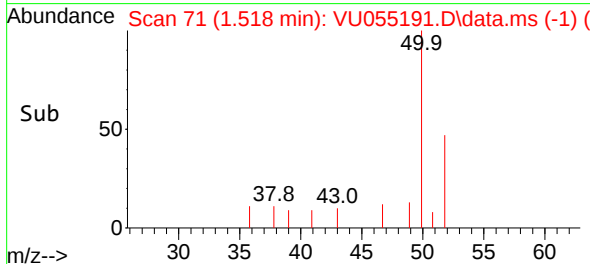
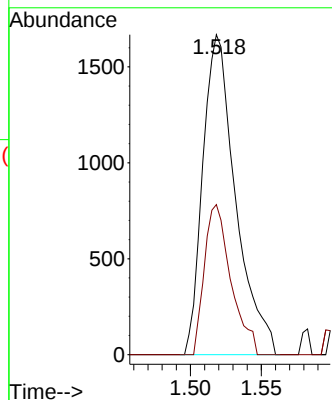
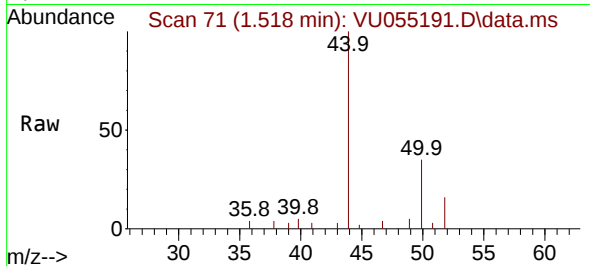




#3
Chloromethane
Concen: 0.280 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU055191.D
Acq: 07 Sep 2023 16:14

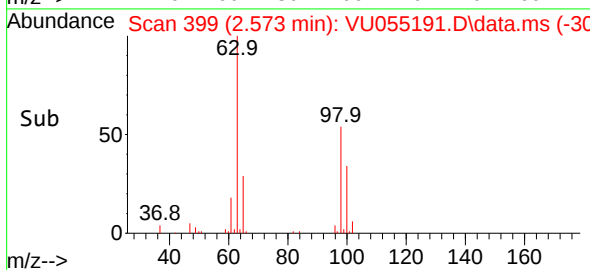
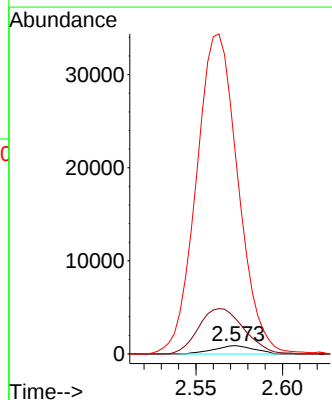
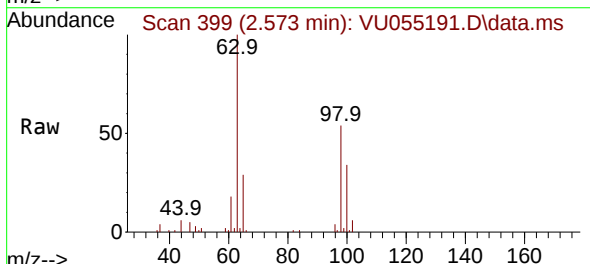
Instrument :
MSVOA_U
ClientSampleId :
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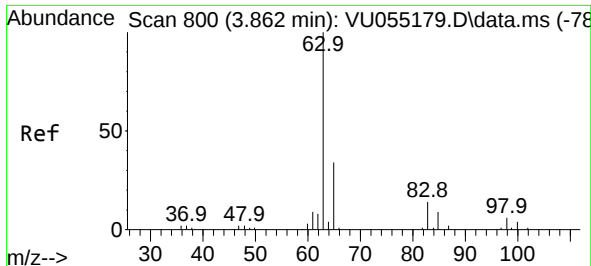
Tgt Ion: 50 Resp: 2680
Ion Ratio Lower Upper
50 100
52 46.9 22.5 41.7#



#12
1,1-Dichloroethene
Concen: 0.191 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU055191.D
Acq: 07 Sep 2023 16:14

Tgt Ion: 96 Resp: 1429
Ion Ratio Lower Upper
96 100
61 319.9 120.8 224.4#
63 1798.3 94.5 175.5#

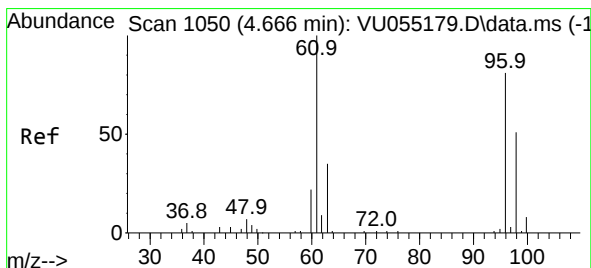
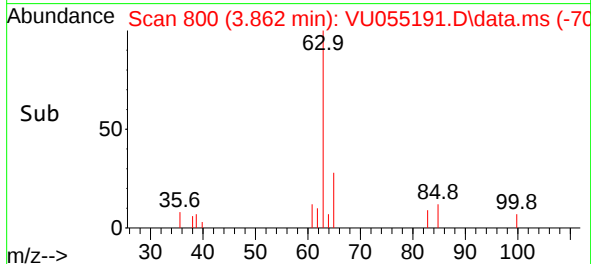
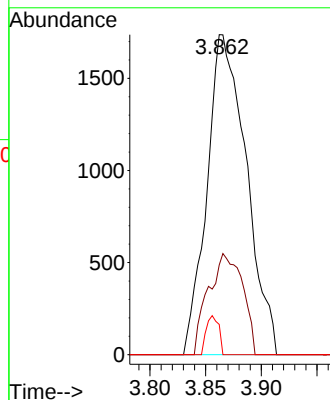
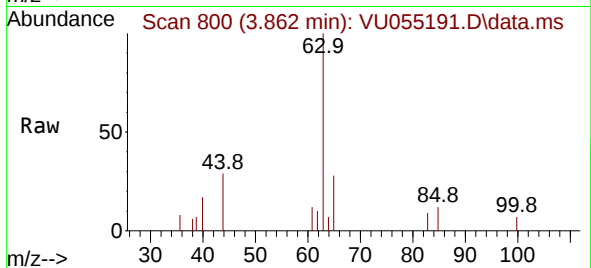




#19
1,1-Dichloroethane
Concen: 0.260 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU055191.D
Acq: 07 Sep 2023 16:14

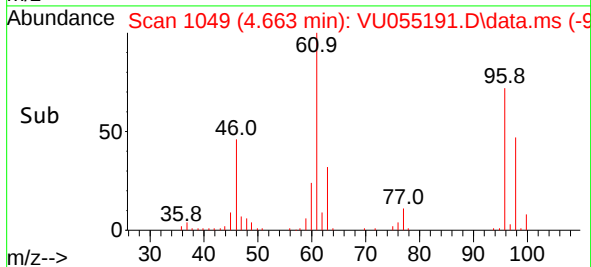
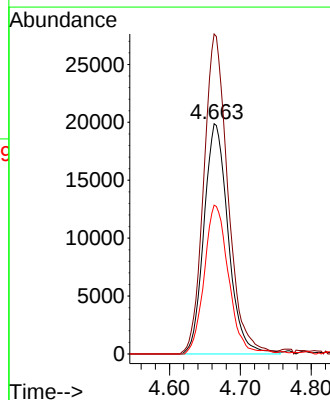
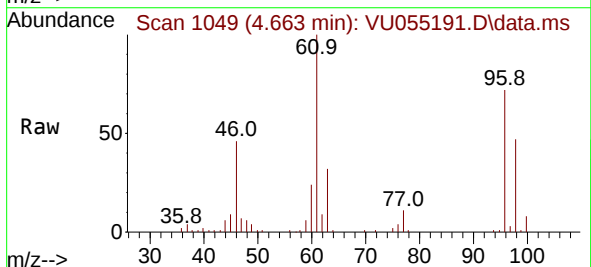
Instrument :
MSVOA_U
ClientSampleId :
BH4F7

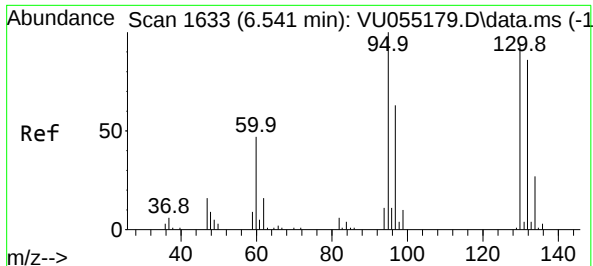
Tgt Ion: 63 Resp: 4258
Ion Ratio Lower Upper
63 100
65 28.0 22.2 41.2
83 9.4 10.6 19.8#



#22
cis-1,2-Dichloroethene
Concen: 5.087 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU055191.D
Acq: 07 Sep 2023 16:14

Tgt Ion: 96 Resp: 47204
Ion Ratio Lower Upper
96 100
61 138.9 97.2 180.4
98 64.6 46.1 85.7



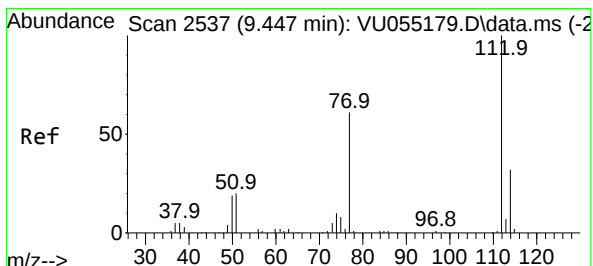
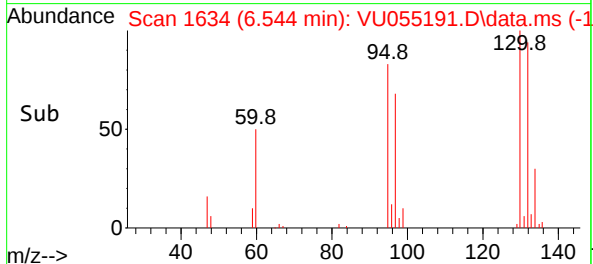
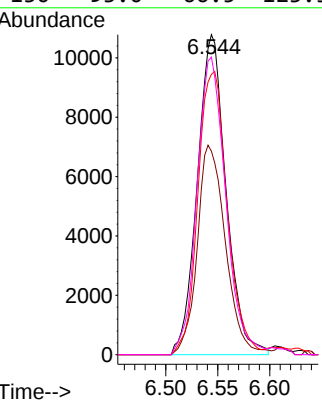
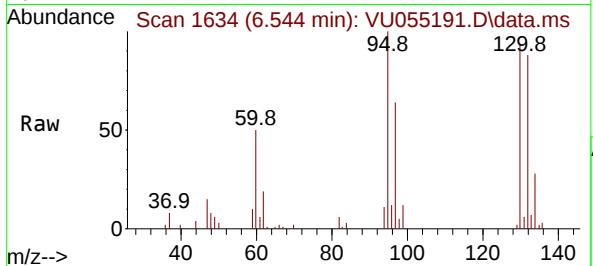


#34
Trichloroethene
Concen: 2.058 ug/L
RT: 6.544 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU055191.D
Acq: 07 Sep 2023 16:14

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 20784

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.7	83.1
132	87.6	66.6	123.6
130	93.0	66.5	123.5



#51
Chlorobenzene
Concen: 0.190 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. -0.000 min
Lab File: VU055191.D
Acq: 07 Sep 2023 16:14

Tgt Ion: 112 Resp: 4880

Ion	Ratio	Lower	Upper
112	100		
114	35.9	21.7	40.3
77	63.1	48.6	72.8

