

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054722.D
 Acq On : 30 Jun 2023 15:06
 Operator : MD/SY
 Sample : 03478-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBW94

Quant Time: Jul 03 06:45:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

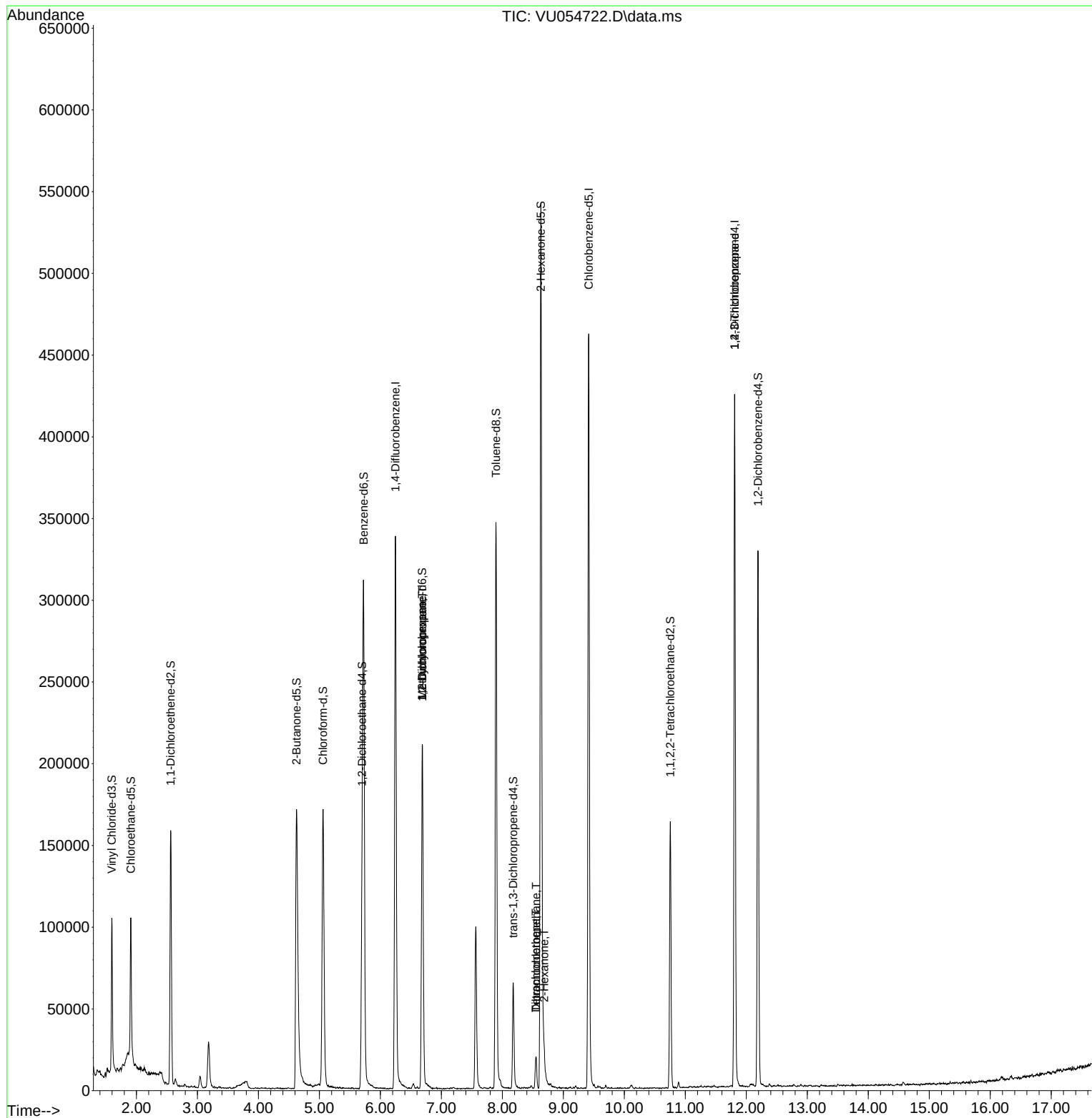
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	267744	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	256720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109956	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	73830	4.333	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.908	69	68039	4.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.560	65	29508	3.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.624	46	266820	55.694	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.380%
24) Chloroform-d	5.059	84	151767	4.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.698	65	82548	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.724	84	285697	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.685	67	104392	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.894	98	234416	3.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	8.177	79	37380	4.510	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.631	63	175332	50.427	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85998	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	85675	4.619	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	22608	0.613	ug/L #	16
37) 1,2-Dichloropropane	6.689	63	11390	0.457	ug/L #	90
47) Tetrachloroethene	8.550	164	4437	0.238	ug/L	91
48) 2-Hexanone	8.685	43	7728	0.779	ug/L #	85
49) Dibromochloromethane	8.554	129	4452	0.267	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14318	1.288	ug/L #	70

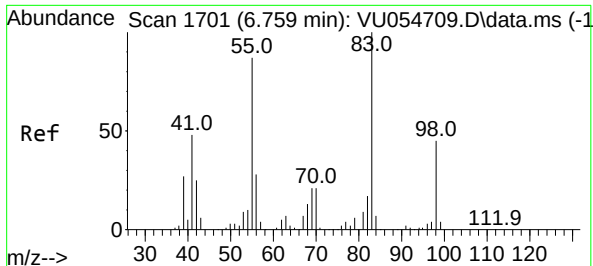
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#35

Methylcyclohexane

Concen: 0.613 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU054722.D

Acq: 30 Jun 2023 15:06

Instrument :

MSVOA_U

ClientSampleId :

YBW94

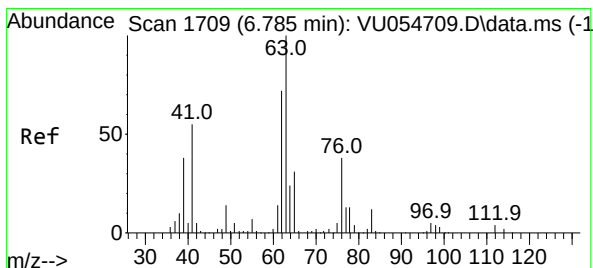
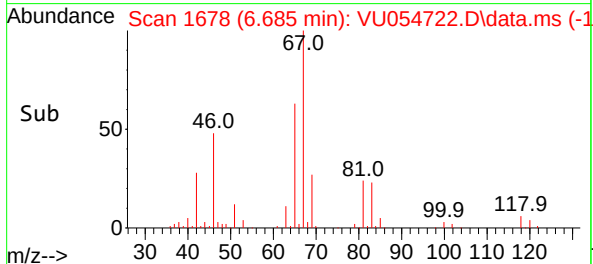
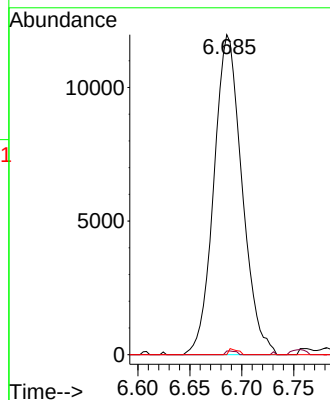
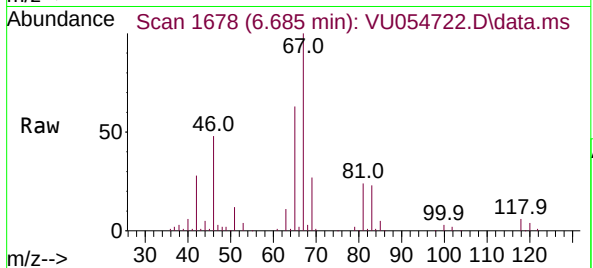
Tgt Ion: 83 Resp: 22608

Ion Ratio Lower Upper

83 100

55 0.4 67.1 100.7#

98 0.6 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.457 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.096 min

Lab File: VU054722.D

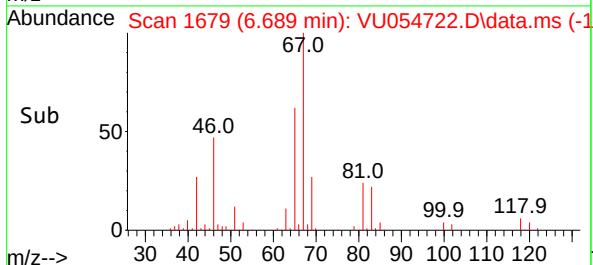
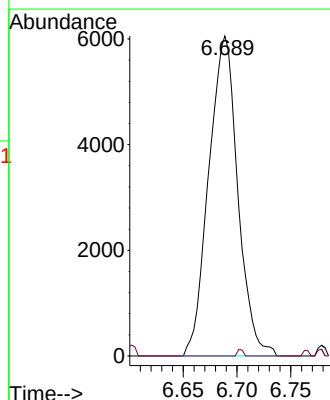
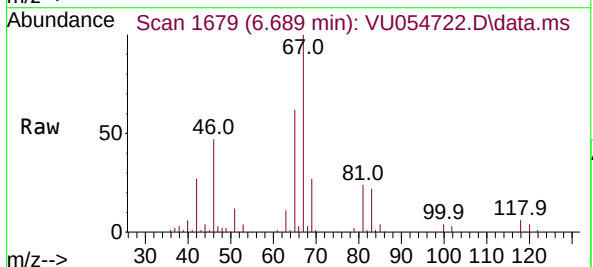
Acq: 30 Jun 2023 15:06

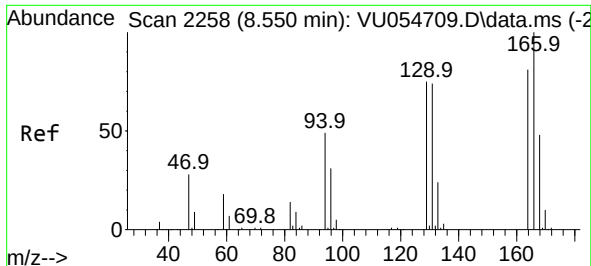
Tgt Ion: 63 Resp: 11390

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.6#





#47

Tetrachloroethene

Concen: 0.238 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054722.D

Acq: 30 Jun 2023 15:06

Instrument :

MSVOA_U

ClientSampleId :

YBW94

Tgt Ion:164 Resp: 4437

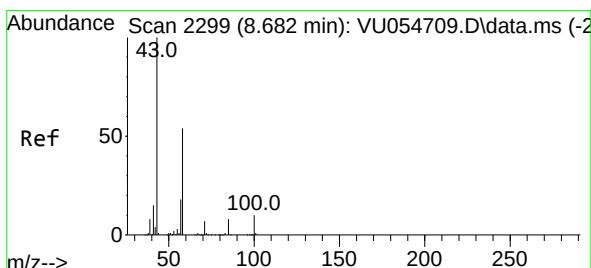
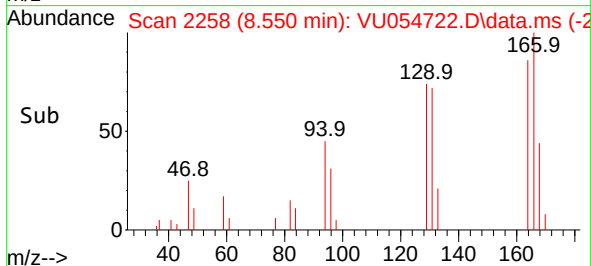
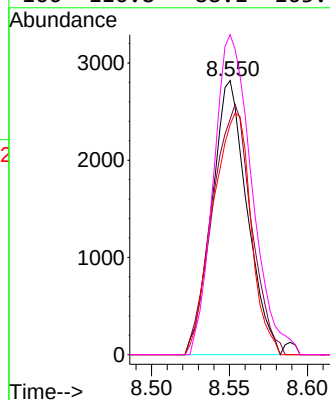
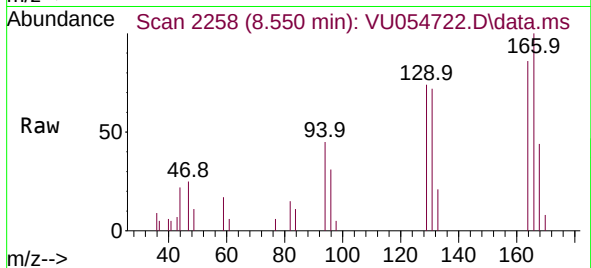
Ion Ratio Lower Upper

164 100

129 85.9 67.7 125.7

131 83.9 64.6 120.0

166 116.8 88.1 163.7



#48

2-Hexanone

Concen: 0.779 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054722.D

Acq: 30 Jun 2023 15:06

Tgt Ion: 43 Resp: 7728

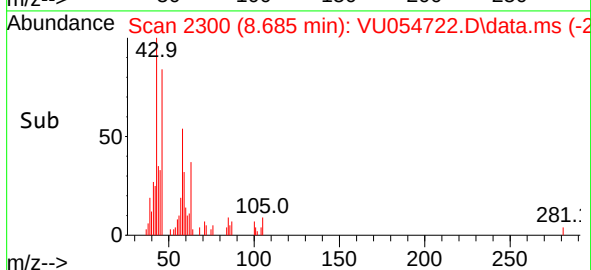
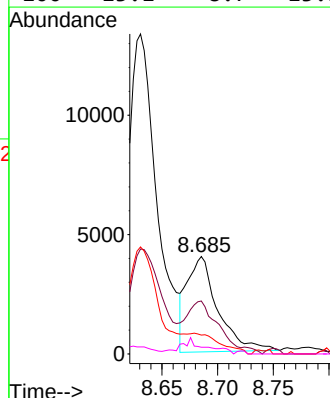
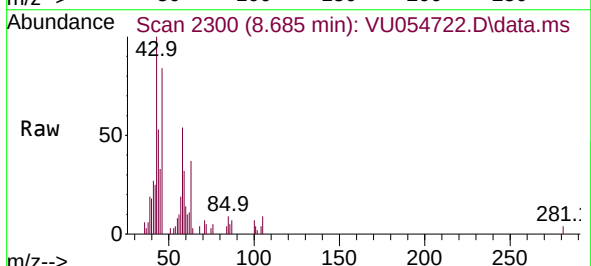
Ion Ratio Lower Upper

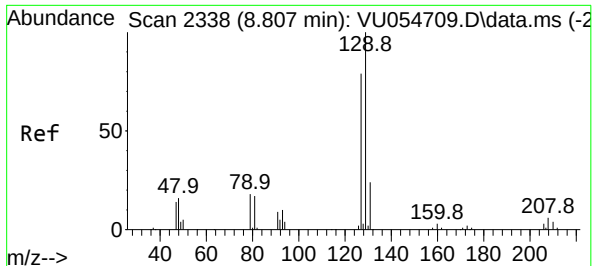
43 100

58 61.4 45.2 67.8

57 0.0 15.8 23.6#

100 13.1 8.7 13.1#





#49

Dibromochloromethane

Concen: 0.267 ug/L

RT: 8.554 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU054722.D

Acq: 30 Jun 2023 15:06

Instrument :

MSVOA_U

ClientSampleId :

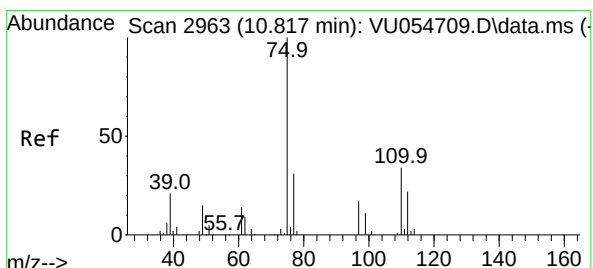
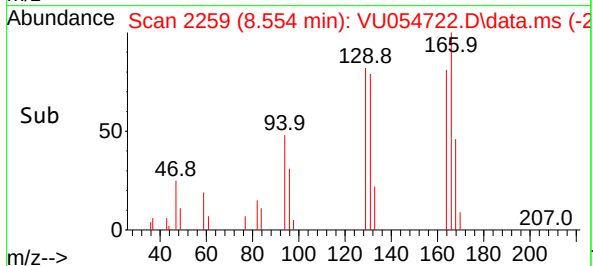
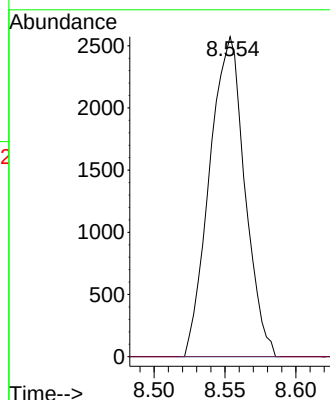
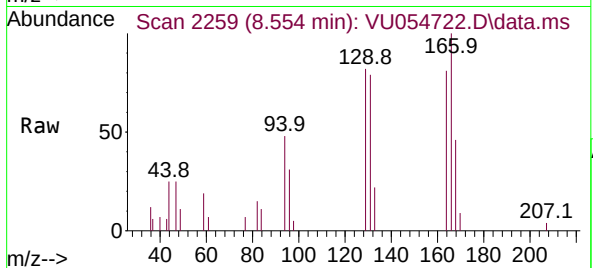
YBW94

Tgt Ion:129 Resp: 4452

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.288 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.991 min

Lab File: VU054722.D

Acq: 30 Jun 2023 15:06

Tgt Ion: 75 Resp: 14318

Ion Ratio Lower Upper

75 100

110 2.0 28.0 42.0#

77 32.5 25.4 38.2

