

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122921\
 Data File : VX026137.D
 Acq On : 29 Dec 2021 14:34
 Operator : JC/MD
 Sample : M5216-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK001

Quant Time: Dec 30 02:41:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 30 02:39:24 2021
 Response via : Initial Calibration

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

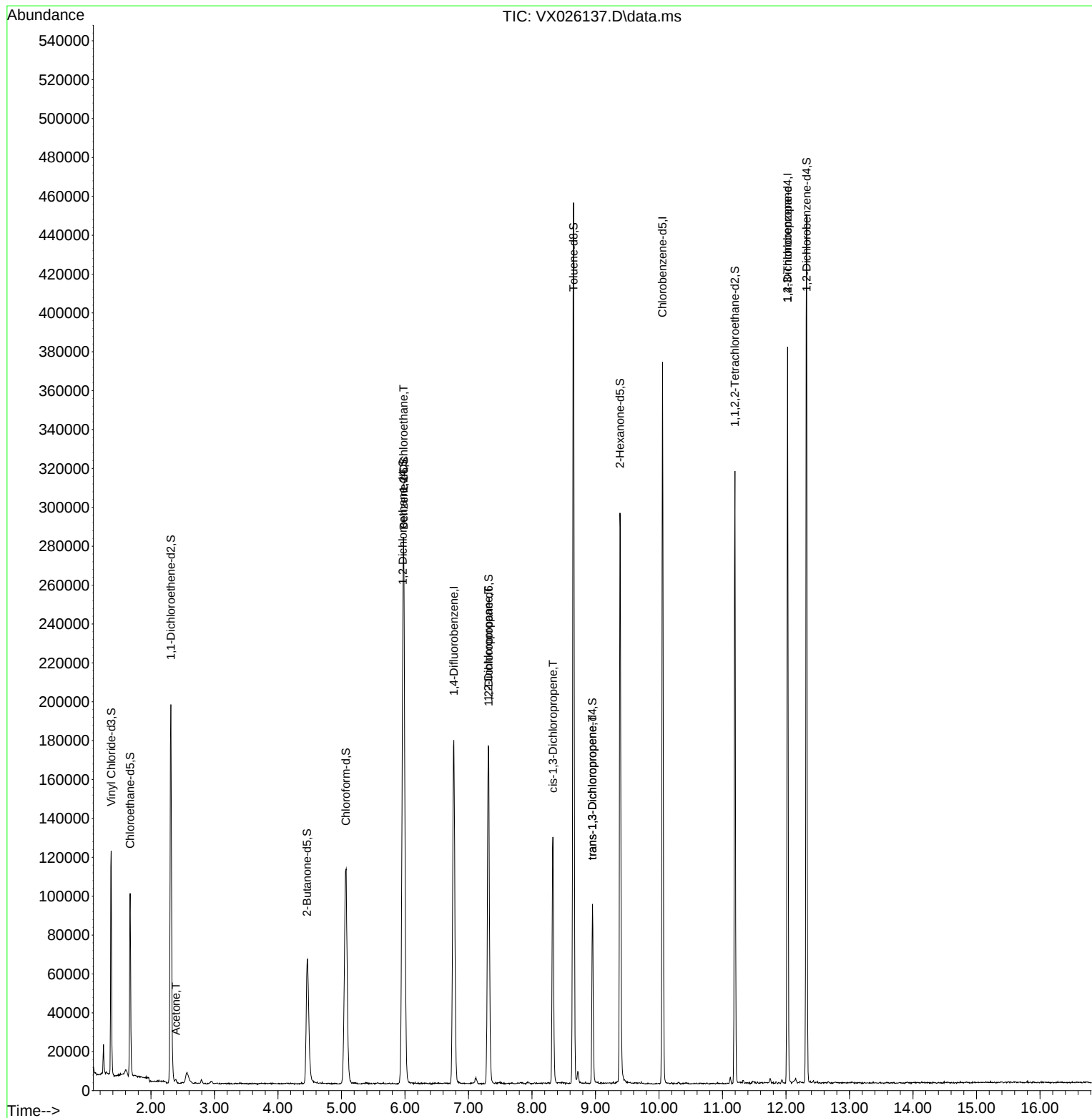
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	174051	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	151116	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	69445	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	74377	55.057	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.120%
7) Chloroethane-d5	1.673	69	59237	60.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.640%
11) 1,1-Dichloroethene-d2	2.313	63	108945	44.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.360%
21) 2-Butanone-d5	4.459	46	117043	125.386	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.390%
24) Chloroform-d	5.068	84	131226	57.199	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.400%
26) 1,2-Dichloroethane-d4	5.964	65	90570	60.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.800%
32) Benzene-d6	5.983	84	260969	59.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.800%
36) 1,2-Dichloropropane-d6	7.318	67	83274	61.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	123.580%#
41) Toluene-d8	8.653	98	247265	62.231	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.460%#
43) trans-1,3-Dichloroprop...	8.952	79	40700	61.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.720%
47) 2-Hexanone-d5	9.385	63	82327	130.973	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.970%#
56) 1,1,2,2-Tetrachloroeth...	11.195	84	110415	61.555	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	123.120%#
66) 1,2-Dichlorobenzene-d4	12.323	152	82400	62.203	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.400%#
Target Compounds						Qvalue
13) Acetone	2.392	43	2167	2.451	ug/L	94
27) 1,2-Dichloroethane	5.977	62	1778	1.035	ug/L	95
37) 1,2-Dichloropropane	7.312	63	10007	8.712	ug/L #	86
39) cis-1,3-Dichloropropene	8.330	75	3611	2.038	ug/L	83
44) trans-1,3-Dichloropropene	8.952	75	2146	1.264	ug/L	90
61) 1,2,3-Trichloropropane	12.024	75	10094	7.649	ug/L #	63

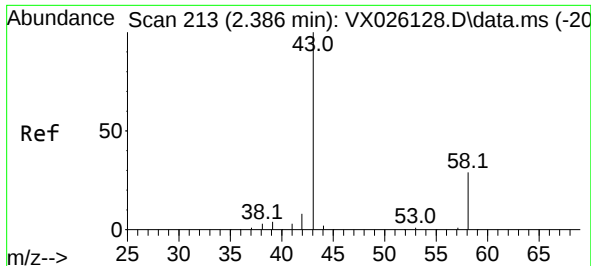
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122821WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 30 02:39:24 2021
Response via : Initial Calibration





#13

Acetone

Concen: 2.451 ug/L

RT: 2.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX026137.D

Acq: 29 Dec 2021 14:34

Instrument :

MSVOA_X

ClientSampleId :

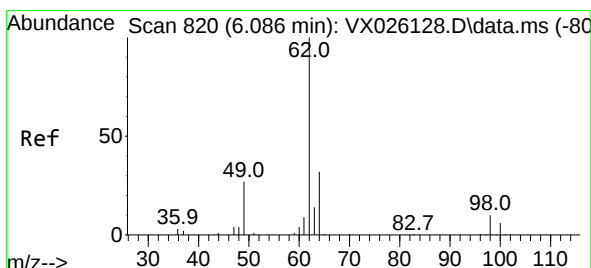
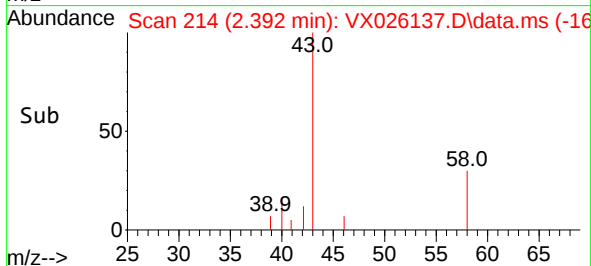
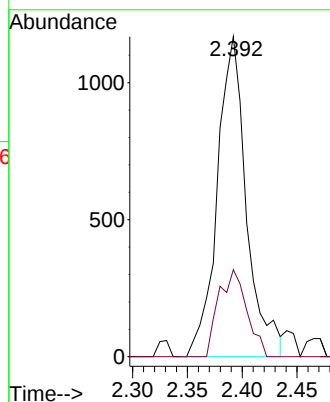
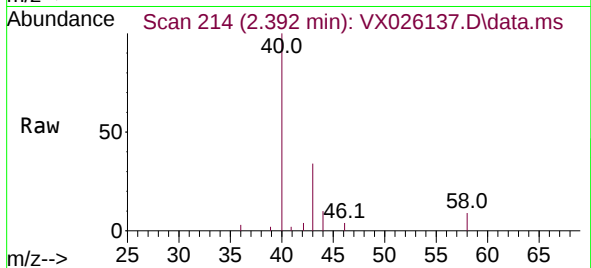
VHBLK001

Tgt Ion: 43 Resp: 2167

Ion Ratio Lower Upper

43 100

58 26.0 0.0 58.2



#27

1,2-Dichloroethane

Concen: 1.035 ug/L

RT: 5.977 min Scan# 802

Delta R.T. -0.110 min

Lab File: VX026137.D

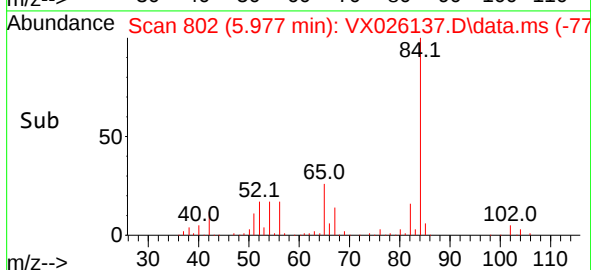
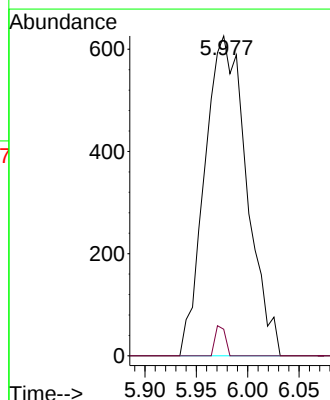
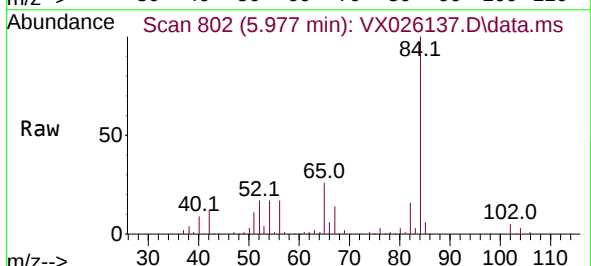
Acq: 29 Dec 2021 14:34

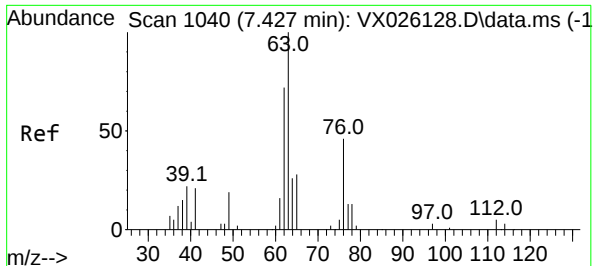
Tgt Ion: 62 Resp: 1778

Ion Ratio Lower Upper

62 100

98 8.3 8.1 12.1





#37

1,2-Dichloropropane

Concen: 8.712 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.116 min

Lab File: VX026137.D

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MSVOA_X

ClientSampleId :

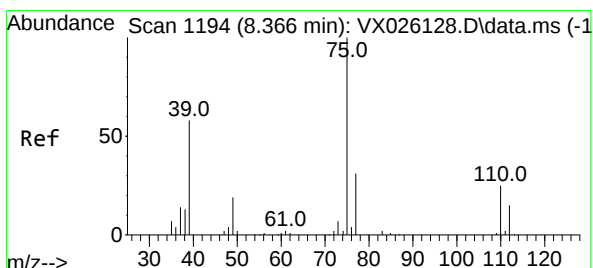
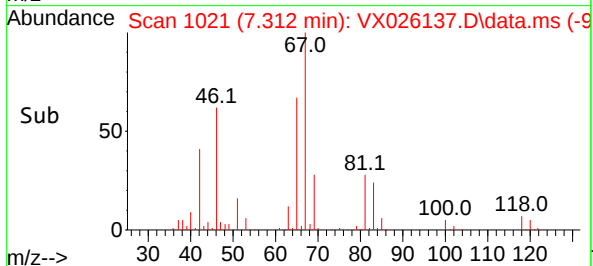
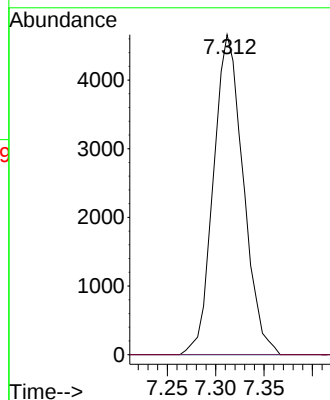
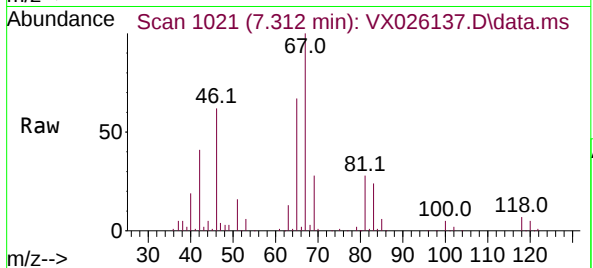
VHBLK001

Tgt Ion: 63 Resp: 10007

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 2.038 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.036 min

Lab File: VX026137.D

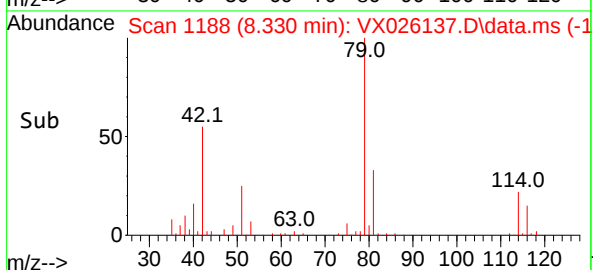
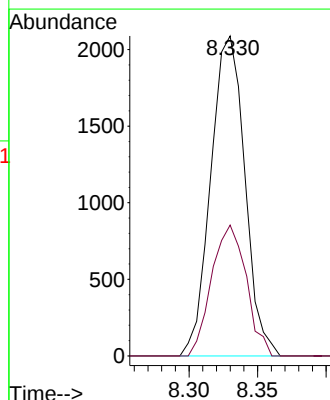
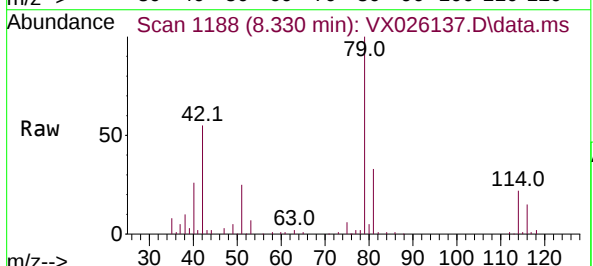
Acq: 29 Dec 2021 14:34

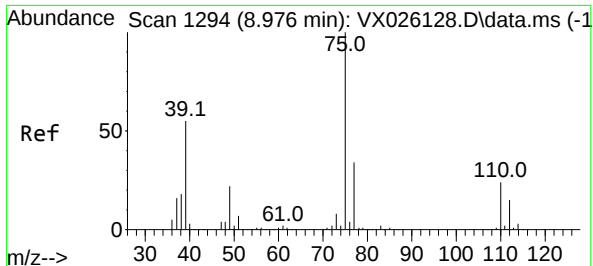
Tgt Ion: 75 Resp: 3611

Ion Ratio Lower Upper

75 100

77 40.9 22.0 41.0





#44

trans-1,3-Dichloropropene

Concen: 1.264 ug/L

RT: 8.952 min Scan# 1794

Delta R.T. -0.024 min

Lab File: VX026137.D

Acq: 29 Dec 2021 14:34

Instrument :

MSVOA_X

ClientSampleId :

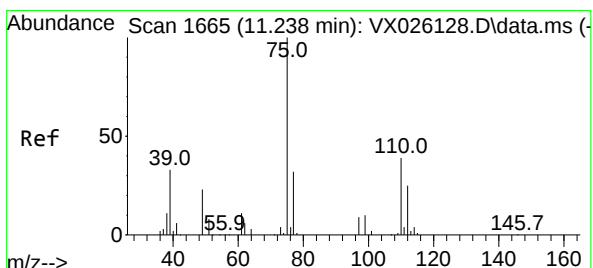
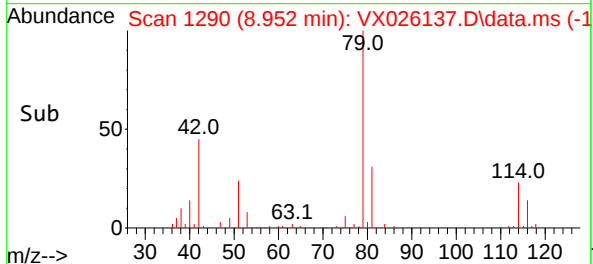
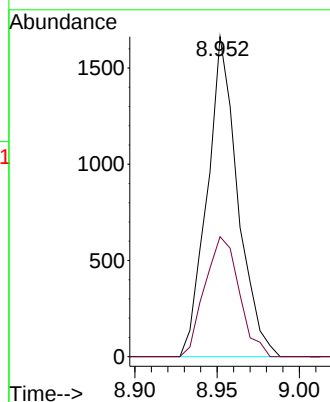
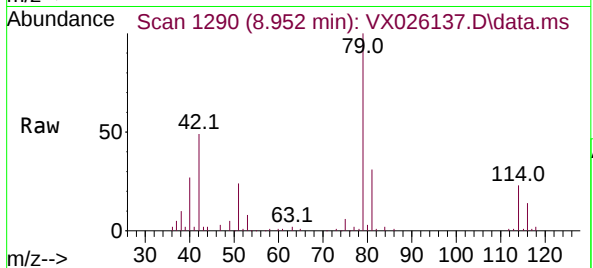
VHBLK001

Tgt Ion: 75 Resp: 2146

Ion Ratio Lower Upper

75 100

77 37.5 22.5 41.7



#61

1,2,3-Trichloropropane

Concen: 7.649 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.787 min

Lab File: VX026137.D

Acq: 29 Dec 2021 14:34

Tgt Ion: 75 Resp: 10094

Ion Ratio Lower Upper

75 100

77 34.8 25.4 38.2

110 3.5 33.2 49.8#

