

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052564.D
 Acq On : 27 Dec 2022 15:04
 Operator : JC/MD
 Sample : N6171-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD7

Quant Time: Dec 28 01:21:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

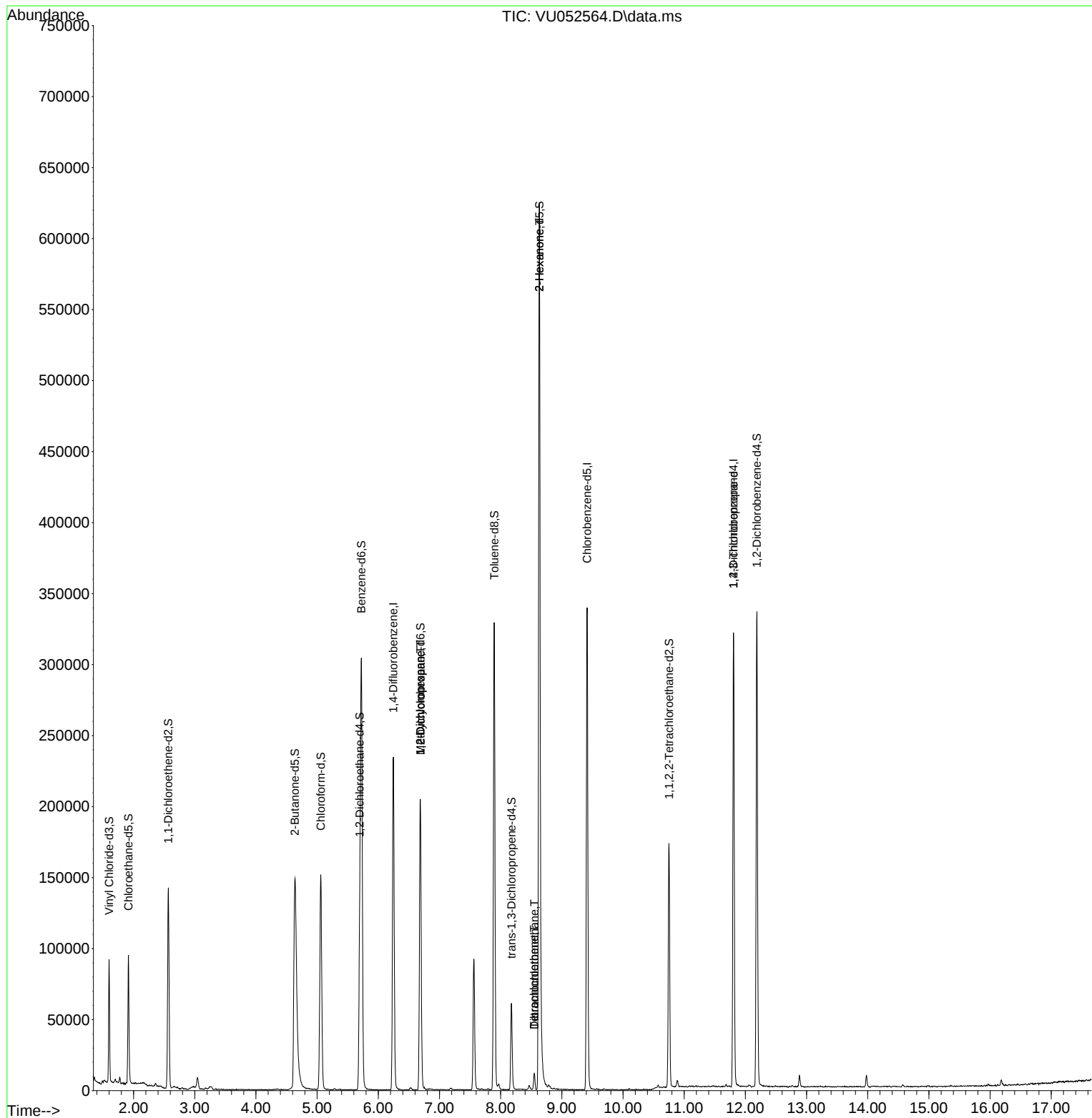
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	177513	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	180767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	80357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	60094	3.342	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.916	69	62692	4.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.568	65	28192	3.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.636	46	307451	55.130	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.260%
24) Chloroform-d	5.060	84	140235	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.697	65	83893	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.722	84	277284	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.687	67	99377	4.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	216220	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.176	79	33137	4.536	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.632	63	209036	52.301	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	86720	4.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	82434	5.039	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.687	83	21828	0.951	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	10926	0.601	ug/L #	88
47) Tetrachloroethene	8.549	164	2618	0.246	ug/L	92
48) 2-Hexanone	8.632	43	27836	2.781	ug/L #	74
49) Dibromochloromethane	8.552	129	2416	0.177	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	11237	0.975	ug/L #	67

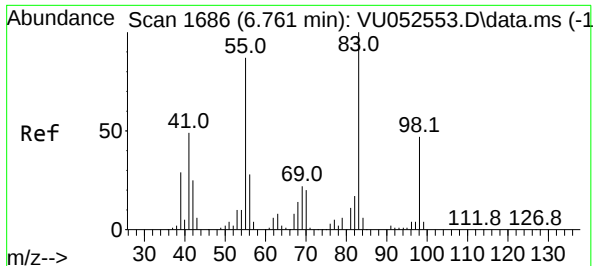
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 28 01:18:16 2022
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.951 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052564.D

Acq: 27 Dec 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

GBQD7

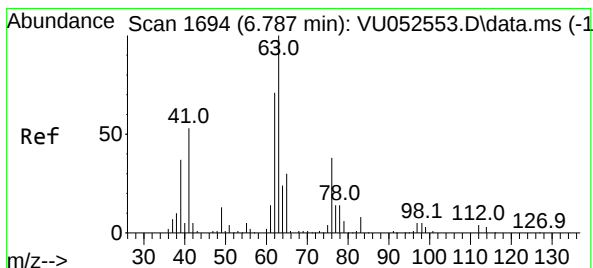
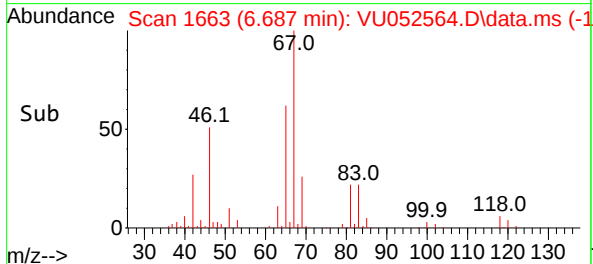
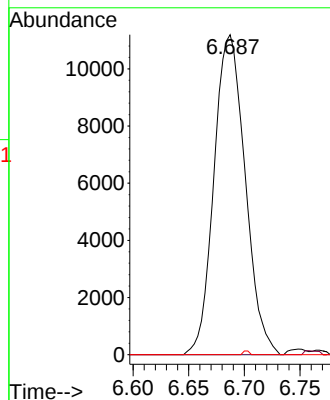
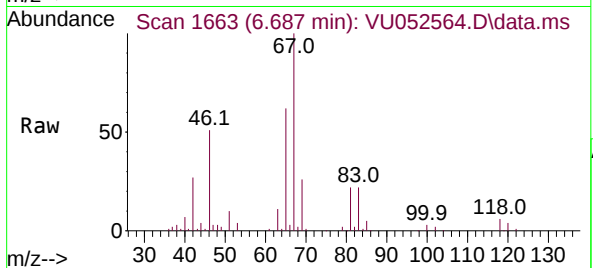
Tgt Ion: 83 Resp: 21828

Ion Ratio Lower Upper

83 100

55 0.6 71.4 107.0#

98 0.2 36.5 54.7#



#37

1,2-Dichloropropane

Concen: 0.601 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052564.D

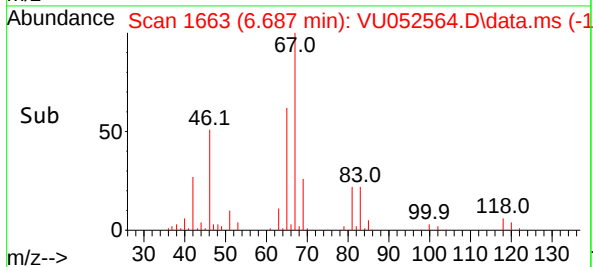
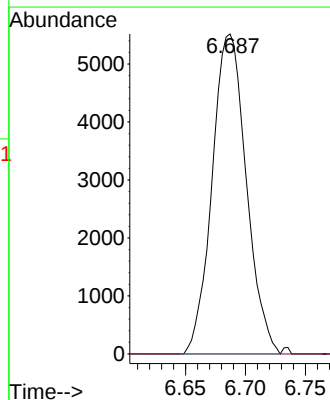
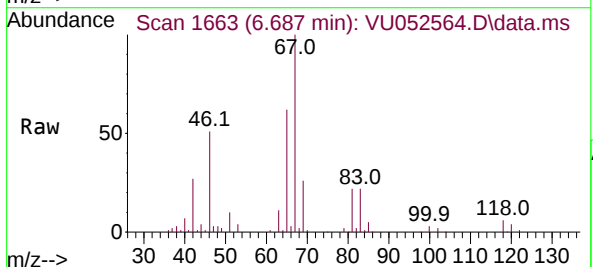
Acq: 27 Dec 2022 15:04

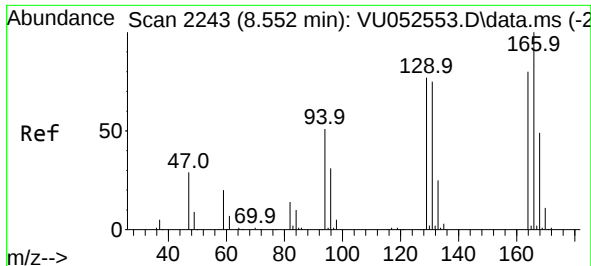
Tgt Ion: 63 Resp: 10926

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#47

Tetrachloroethene

Concen: 0.246 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU052564.D

Acq: 27 Dec 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

GBQD7

Tgt Ion:164 Resp: 2618

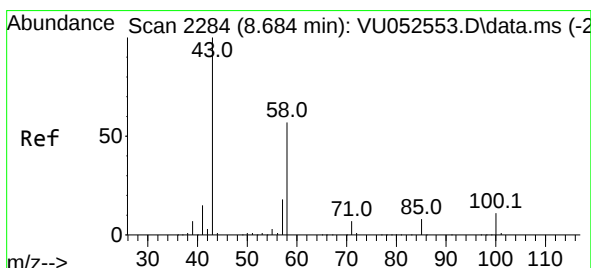
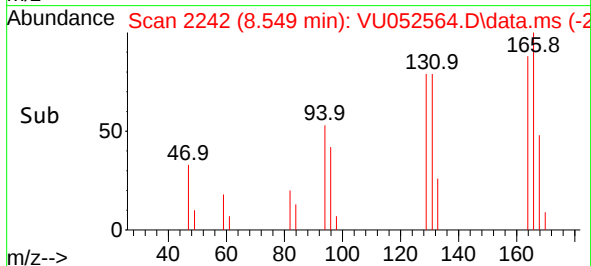
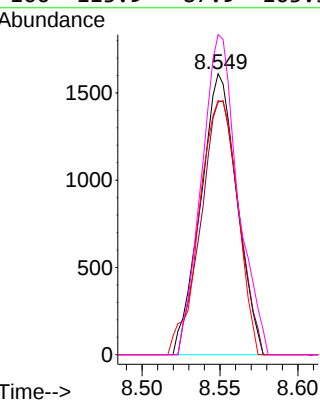
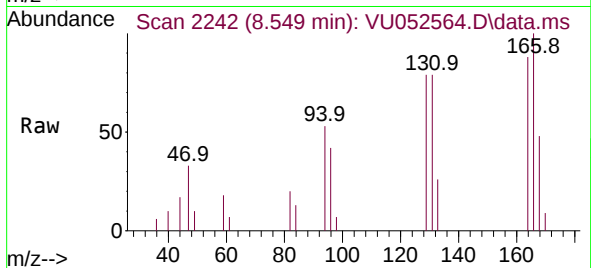
Ion Ratio Lower Upper

164 100

129 89.9 68.1 126.5

131 90.4 66.5 123.5

166 113.9 87.9 163.3



#48

2-Hexanone

Concen: 2.781 ug/L

RT: 8.632 min Scan# 2268

Delta R.T. -0.051 min

Lab File: VU052564.D

Acq: 27 Dec 2022 15:04

Tgt Ion: 43 Resp: 27836

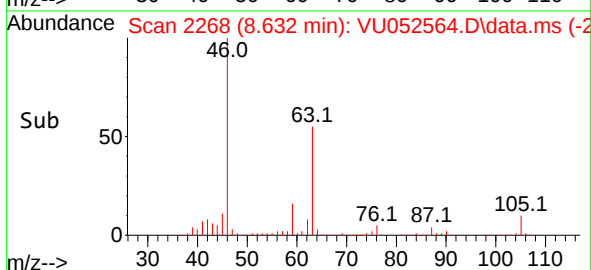
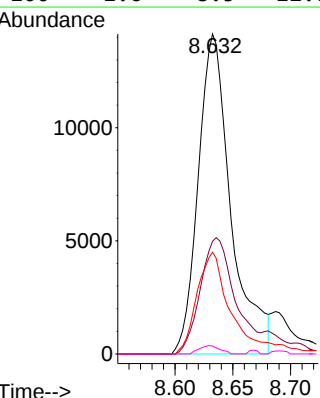
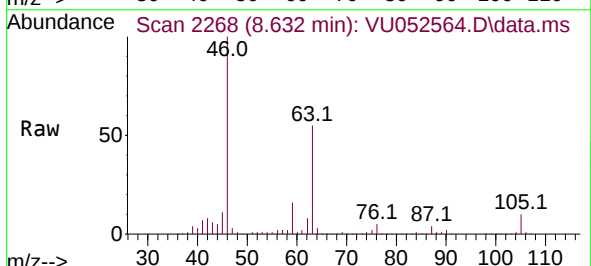
Ion Ratio Lower Upper

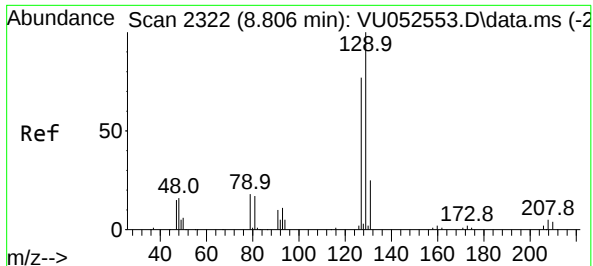
43 100

58 38.7 44.1 66.1#

57 34.4 14.6 21.8#

100 1.6 8.5 12.7#





#49

Dibromochloromethane

Concen: 0.177 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU052564.D

Acq: 27 Dec 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

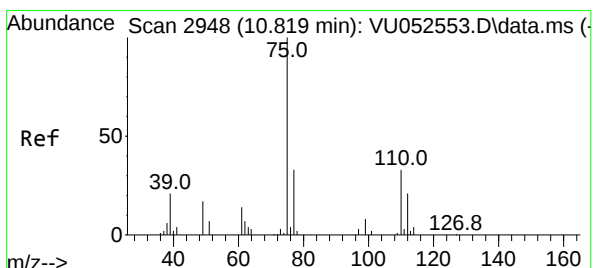
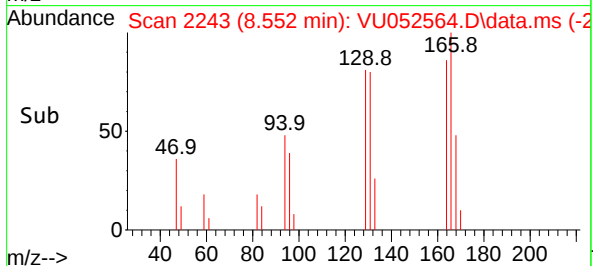
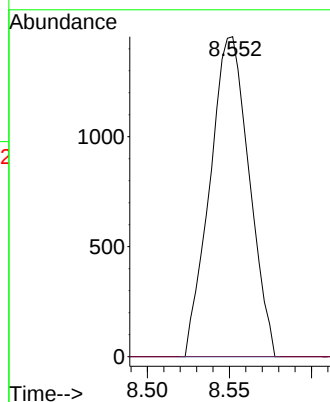
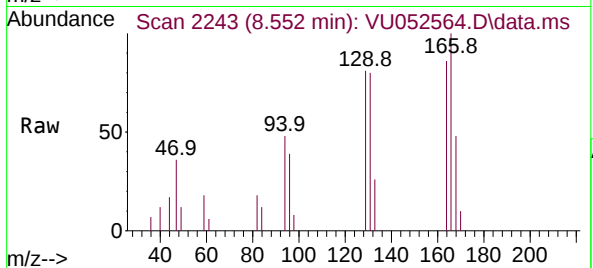
GBQD7

Tgt Ion:129 Resp: 2416

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 0.975 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052564.D

Acq: 27 Dec 2022 15:04

Tgt Ion: 75 Resp: 11237

Ion Ratio Lower Upper

75 100

110 1.4 27.9 41.9#

77 29.2 25.9 38.9

