

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057605.D
 Acq On : 24 Jan 2024 06:49
 Operator : MD/SY
 Sample : P1227-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 07:21:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 01:55:34 2024
 Response via : Initial Calibration

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

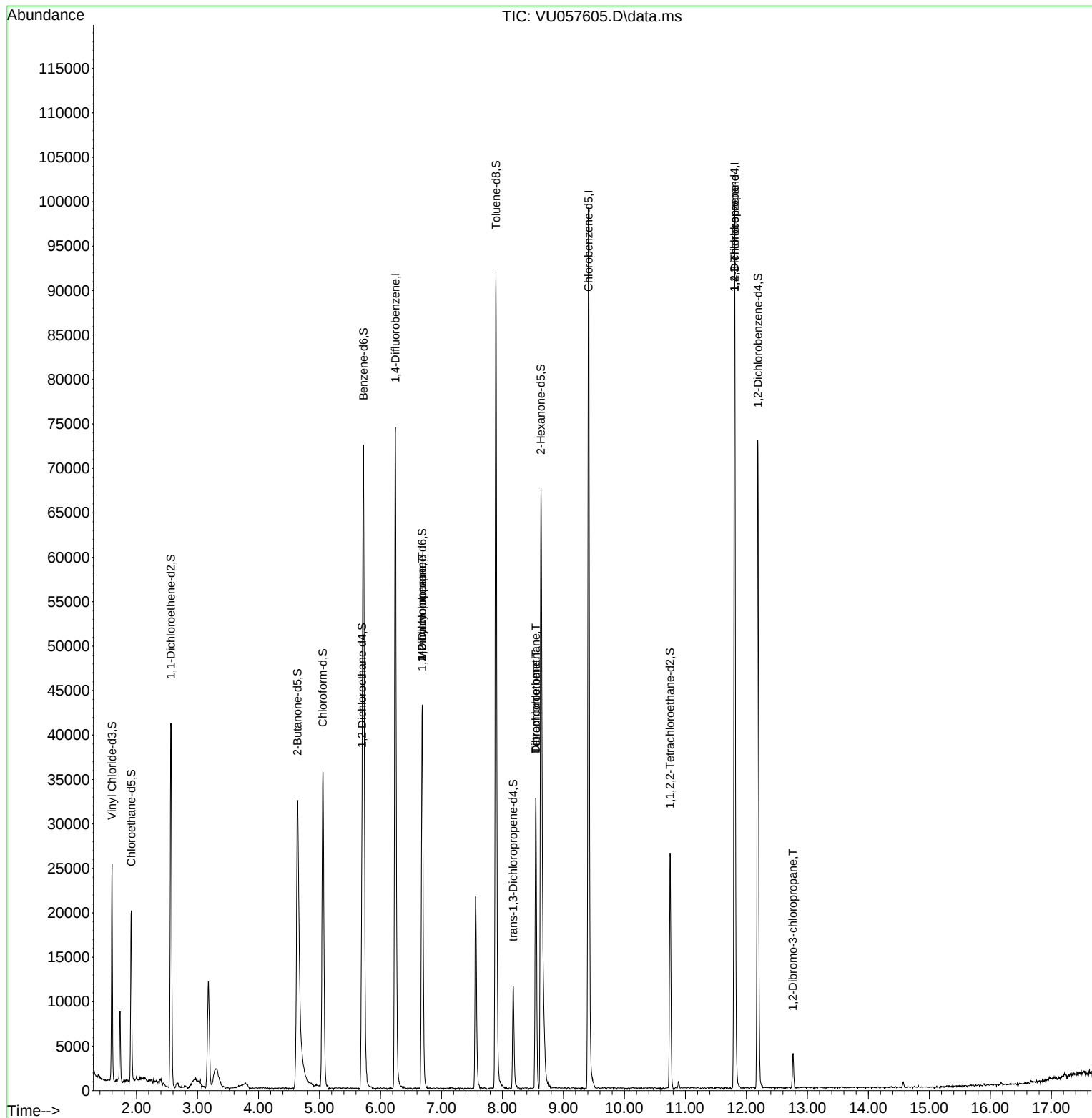
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	61398	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	56391	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	16572	4.899	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.914	69	14061	4.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.563	65	7565	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.640	46	34367	53.852	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.700%
24) Chloroform-d	5.055	84	33794	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.698	65	16540	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.721	84	69576	5.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.685	67	20835	5.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.894	98	63604	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.177	79	7672	4.825	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.631	63	23878	47.066	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.140%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13393	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	19647	5.275	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	4826	0.560	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2191	0.453	ug/L #	89
47) Tetrachloroethene	8.547	164	7116	1.816	ug/L	96
49) Dibromochloromethane	8.547	129	7068	1.734	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3445	1.293	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.762	75	63	0.126	ug/L #	5

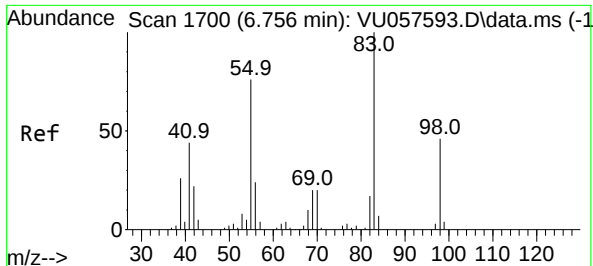
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 24 01:55:34 2024
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#35

Methylcyclohexane

Concen: 0.560 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU057605.D

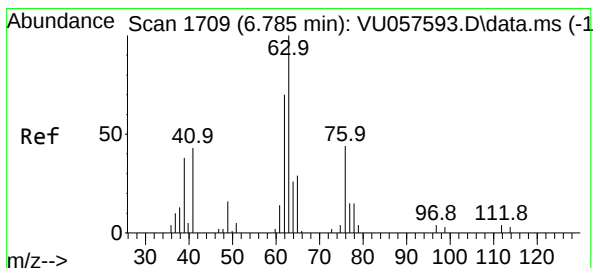
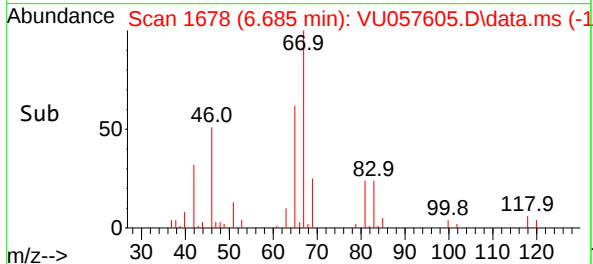
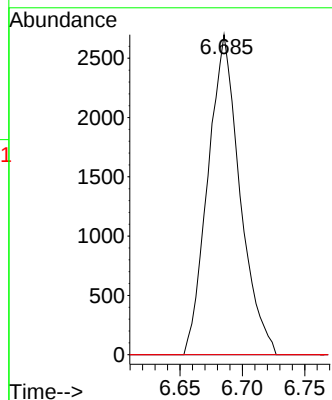
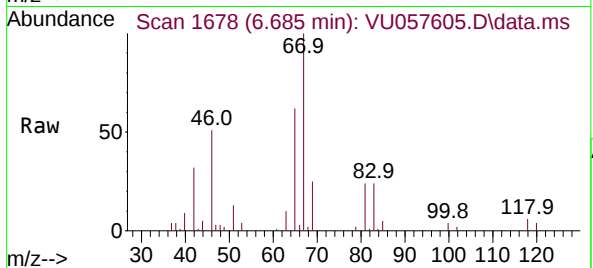
Acq: 24 Jan 2024 06:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 4826
Ion Ratio	Lower Upper
83 100	
55 0.0	61.4 92.0#
98 0.0	38.2 57.4#



#37

1,2-Dichloropropane

Concen: 0.453 ug/L

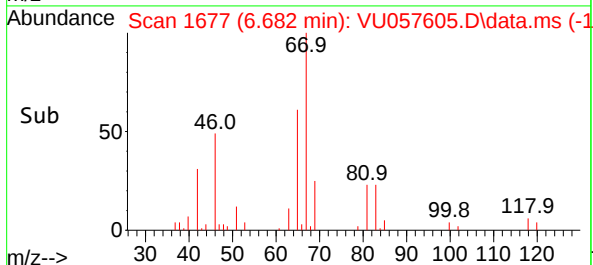
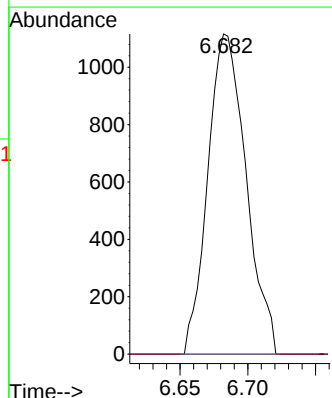
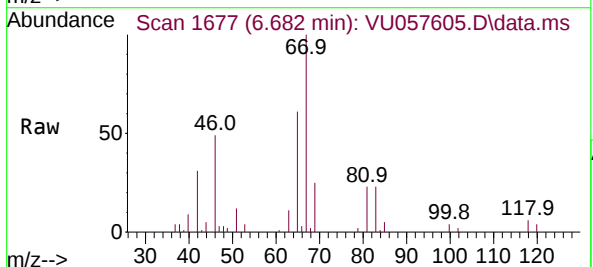
RT: 6.682 min Scan# 1677

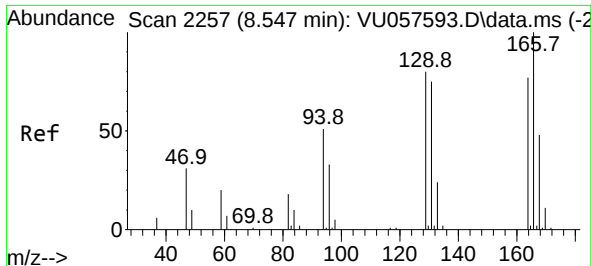
Delta R.T. -0.103 min

Lab File: VU057605.D

Acq: 24 Jan 2024 06:49

Tgt Ion: 63	Resp: 2191
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#





#47

Tetrachloroethene

Concen: 1.816 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

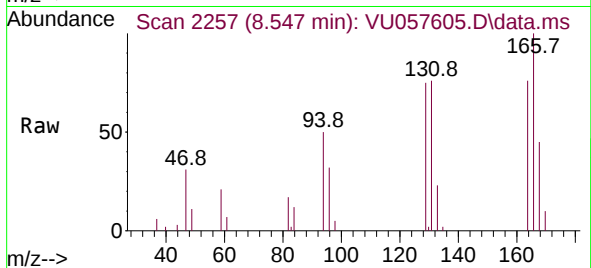
Lab File: VU057605.D

Acq: 24 Jan 2024 06:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 7116

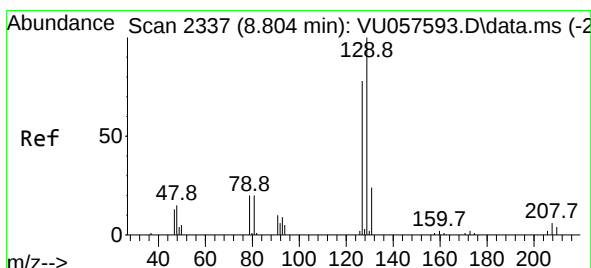
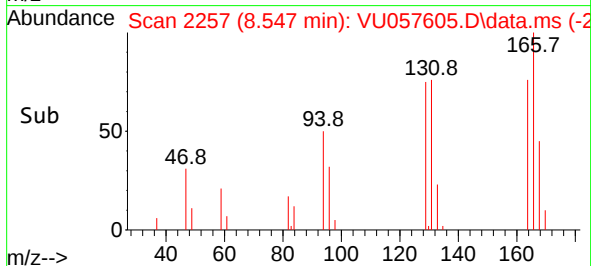
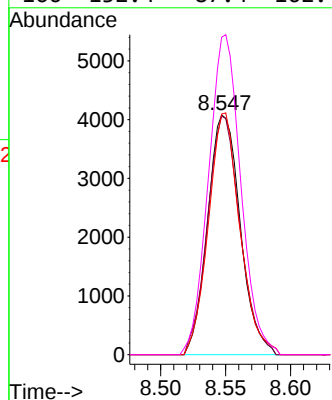
Ion Ratio Lower Upper

164 100

129 99.5 71.3 132.5

131 100.4 68.1 126.5

166 132.4 87.4 162.4



#49

Dibromochloromethane

Concen: 1.734 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU057605.D

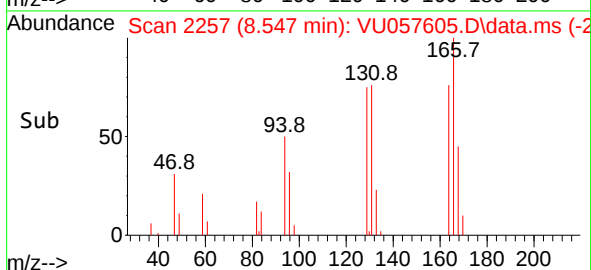
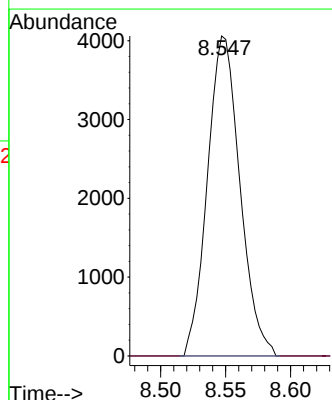
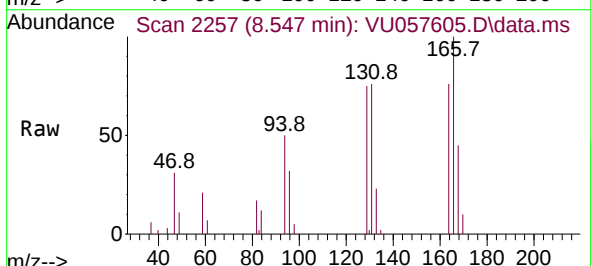
Acq: 24 Jan 2024 06:49

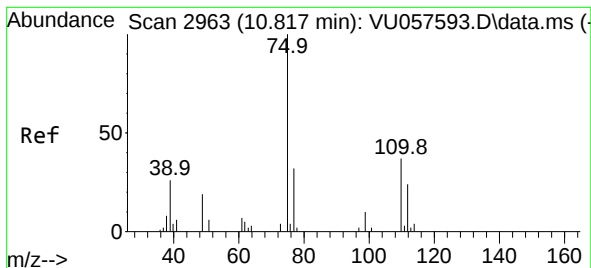
Tgt Ion:129 Resp: 7068

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.293 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU057605.D

Acq: 24 Jan 2024 06:49

Instrument :

MSVOA_U

ClientSampleId :

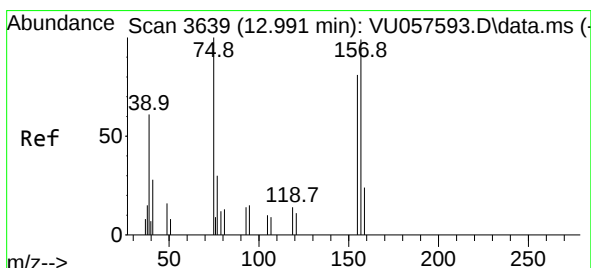
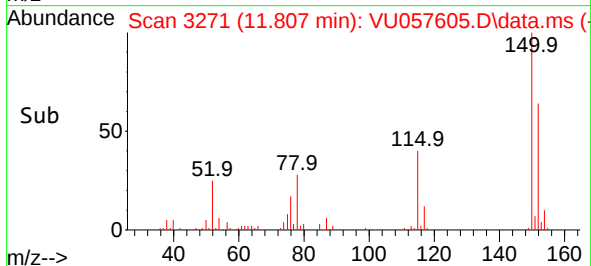
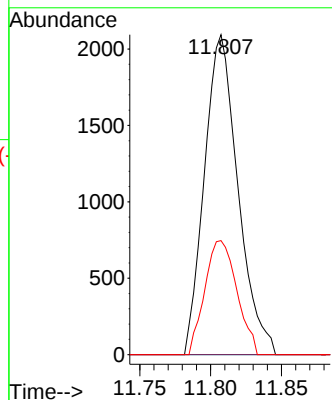
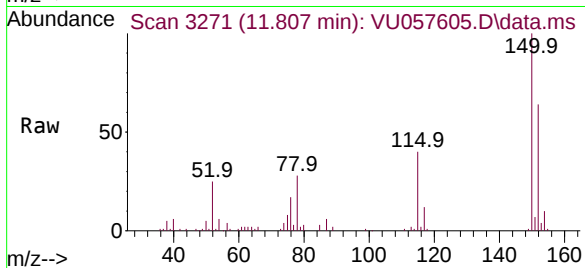
Tgt Ion: 75 Resp: 3445

Ion Ratio Lower Upper

75 100

110 0.0 30.1 45.1#

77 34.0 25.5 38.3



#68

1,2-Dibromo-3-chloropropane

Concen: 0.126 ug/L

RT: 12.762 min Scan# 3568

Delta R.T. -0.228 min

Lab File: VU057605.D

Acq: 24 Jan 2024 06:49

Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

155 0.0 62.8 94.2#

157 0.0 78.9 118.3#

